

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

FORM 10-Q

(Mark One)

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

For the quarterly period ended June 30, 2020

OR

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

For the transition period from _____ to _____

Commission file number: 1-6003



FEDERAL SIGNAL CORPORATION

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

36-1063330

(I.R.S. Employer Identification No.)

1415 West 22nd Street, Oak Brook, Illinois

(Address of principal executive offices)

60523

(Zip code)

(630) 954-2000

(Registrant's telephone number, including area code)

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

| Title of each class | Trading Symbol(s) | Name of each exchange on which registered |
|--|-------------------|---|
| Common Stock, par value \$1.00 per share | FSS | New York Stock Exchange |

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

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

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

| | | | |
|-------------------------|-------------------------------------|---------------------------|--------------------------|
| Large accelerated filer | <input checked="" type="checkbox"/> | Accelerated filer | <input type="checkbox"/> |
| Non-accelerated filer | <input type="checkbox"/> | Smaller reporting company | <input type="checkbox"/> |
| Emerging growth company | <input type="checkbox"/> | | |

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

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

As of June 30, 2020, the number of shares outstanding of the registrant's common stock was 60,423,457.

FEDERAL SIGNAL CORPORATION
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FORWARD-LOOKING STATEMENTS

This Quarterly Report on Form 10-Q (“Form 10-Q”) is being filed by Federal Signal Corporation and its subsidiaries (referred to collectively as the “Company,” “we,” “our” or “us” herein, unless the context otherwise indicates) with the United States (“U.S.”) Securities and Exchange Commission (the “SEC”), and includes comments made by management that may contain words such as “may,” “will,” “believe,” “expect,” “anticipate,” “intend,” “plan,” “project,” “estimate” and “objective” or similar terminology, or the negative thereof, concerning the Company’s future financial performance, business strategy, plans, goals and objectives. These expressions are intended to identify forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended (the “Securities Act”), Section 21E of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and the Private Securities Litigation Reform Act of 1995. Forward-looking statements include information concerning the Company’s possible or assumed future performance or results of operations and are not guarantees. While these statements are based on assumptions and judgments that management has made in light of industry experience as well as perceptions of historical trends, current conditions, expected future developments and other factors believed to be appropriate under the circumstances, they are subject to risks, uncertainties and other factors that may cause the Company’s actual results, performance or achievements to be materially different.

These risks and uncertainties, some of which are beyond the Company’s control, include the risk factors described under Part I, Item 1A, *Risk Factors*, of the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, which was filed with the SEC on February 27, 2020, and as updated in Part II, Item 1A, *Risk Factors* of the Company’s Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2020, which was filed with the SEC on April 29, 2020, and this Form 10-Q. These factors may not constitute all factors that could cause actual results to differ materially from those discussed in any forward-looking statement. The Company operates in a continually changing business environment and new factors emerge from time to time, including, for example, the ongoing coronavirus (“COVID-19”) pandemic and the government response to the pandemic. The Company cannot predict such factors, nor can it assess the impact, if any, of such factors on its results of operations, financial condition or cash flow. Accordingly, forward-looking statements should not be relied upon as a predictor of actual results. The Company disclaims any responsibility to update any forward-looking statement provided in this Form 10-Q.

ADDITIONAL INFORMATION

The Company is subject to the reporting and information requirements of the Exchange Act and, as a result, is obligated to file Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and other reports and information with the SEC, as well as amendments to those reports. The Company makes these filings available free of charge through our website at www.federalsignal.com as soon as reasonably practicable after such materials are filed with, or furnished to, the SEC. Information on our website does not constitute part of this Form 10-Q.

PART I. FINANCIAL INFORMATION

Item 1. Financial Statements (Unaudited).

**FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)**

| (in millions, except per share data) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|---|--------------------------------|----------------|------------------------------|----------------|
| | 2020 | 2019 | 2020 | 2019 |
| Net sales | \$ 270.1 | \$ 324.3 | \$ 556.2 | \$ 598.1 |
| Cost of sales | 199.8 | 235.3 | 411.1 | 438.8 |
| Gross profit | 70.3 | 89.0 | 145.1 | 159.3 |
| Selling, engineering, general and administrative expenses | 37.4 | 41.8 | 79.6 | 85.7 |
| Acquisition and integration-related expenses | 0.3 | 0.9 | 0.6 | 1.5 |
| Restructuring | 1.3 | — | 1.3 | — |
| Operating income | 31.3 | 46.3 | 63.6 | 72.1 |
| Interest expense | 1.8 | 2.0 | 3.3 | 4.0 |
| Other expense (income), net | 2.0 | (0.1) | 2.2 | 0.3 |
| Income before income taxes | 27.5 | 44.4 | 58.1 | 67.8 |
| Income tax expense | 6.1 | 11.6 | 13.3 | 17.5 |
| Net income | <u>\$ 21.4</u> | <u>\$ 32.8</u> | <u>\$ 44.8</u> | <u>\$ 50.3</u> |
| Earnings per share: | | | | |
| Basic | \$ 0.36 | \$ 0.55 | \$ 0.74 | \$ 0.84 |
| Diluted | 0.35 | 0.54 | 0.73 | 0.82 |
| Weighted average common shares outstanding: | | | | |
| Basic | 60.1 | 60.1 | 60.3 | 60.1 |
| Diluted | 61.3 | 61.3 | 61.6 | 61.2 |

See notes to condensed consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (Unaudited)

| (in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|---|--------------------------------|---------|------------------------------|---------|
| | 2020 | 2019 | 2020 | 2019 |
| Net income | \$ 21.4 | \$ 32.8 | \$ 44.8 | \$ 50.3 |
| Other comprehensive income (loss): | | | | |
| Change in foreign currency translation adjustment | 1.2 | 0.8 | (4.9) | 0.8 |
| Change in unrecognized net actuarial loss and prior service cost related to pension benefit plans, net of income tax expense of \$0.2, \$0.1, \$0.4 and \$0.3, respectively | 0.9 | 1.3 | 2.7 | 1.5 |
| Change in unrealized gain or loss on interest rate swaps, net of income tax benefit of \$0.1, \$0.2, \$1.1 and \$0.4, respectively | (0.3) | (0.7) | (3.4) | (1.2) |
| Total other comprehensive income (loss) | 1.8 | 1.4 | (5.6) | 1.1 |
| Comprehensive income | \$ 23.2 | \$ 34.2 | \$ 39.2 | \$ 51.4 |

See notes to condensed consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS

| (in millions, except per share data) | June 30, 2020 (Unaudited) | December 31, 2019 |
|--|---------------------------------|----------------------|
| ASSETS | | |
| Current assets: | | |
| Cash and cash equivalents | \$ 73.6 | \$ 31.6 |
| Accounts receivable, net of allowances for doubtful accounts of \$2.6 and \$2.4, respectively | 125.3 | 134.2 |
| Inventories | 197.5 | 182.9 |
| Prepaid expenses and other current assets | 10.4 | 12.0 |
| Total current assets | 406.8 | 360.7 |
| Properties and equipment, net of accumulated depreciation of \$129.7 and \$125.5, respectively | 101.4 | 91.9 |
| Rental equipment, net of accumulated depreciation of \$37.8 and \$33.6, respectively | 113.4 | 115.4 |
| Operating lease right-of-use assets | 24.8 | 27.6 |
| Goodwill | 390.6 | 388.8 |
| Intangible assets, net of accumulated amortization of \$26.9 and \$22.1, respectively | 157.6 | 162.9 |
| Deferred tax assets | 8.7 | 10.0 |
| Deferred charges and other long-term assets | 7.6 | 7.9 |
| Long-term assets of discontinued operations | 0.3 | 0.3 |
| Total assets | <u>\$ 1,211.2</u> | <u>\$ 1,165.5</u> |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| Current liabilities: | | |
| Current portion of long-term borrowings and finance lease obligations | \$ 0.2 | \$ 0.2 |
| Accounts payable | 73.1 | 65.0 |
| Customer deposits | 11.7 | 11.5 |
| Accrued liabilities: | | |
| Compensation and withholding taxes | 23.1 | 31.1 |
| Other current liabilities | 52.4 | 52.2 |
| Current liabilities of discontinued operations | 0.2 | 0.2 |
| Total current liabilities | 160.7 | 160.2 |
| Long-term borrowings and finance lease obligations | 244.4 | 220.3 |
| Long-term operating lease liabilities | 18.3 | 21.6 |
| Long-term pension and other postretirement benefit liabilities | 49.6 | 50.9 |
| Deferred tax liabilities | 56.9 | 52.7 |
| Other long-term liabilities | 25.0 | 17.3 |
| Long-term liabilities of discontinued operations | 0.9 | 0.9 |
| Total liabilities | 555.8 | 523.9 |
| Stockholders' equity: | | |
| Common stock, \$1 par value per share, 90.0 shares authorized, 67.5 and 66.9 shares issued, respectively | 67.5 | 66.9 |
| Capital in excess of par value | 234.7 | 228.6 |
| Retained earnings | 563.3 | 528.2 |
| Treasury stock, at cost, 7.1 and 6.4 shares, respectively | (115.4) | (93.0) |
| Accumulated other comprehensive loss | (94.7) | (89.1) |
| Total stockholders' equity | 655.4 | 641.6 |
| Total liabilities and stockholders' equity | <u>\$ 1,211.2</u> | <u>\$ 1,165.5</u> |

See notes to condensed consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

| (in millions) | Six Months Ended June 30, | |
|--|------------------------------|---------|
| | 2020 | 2019 |
| Operating activities: | | |
| Net income | \$ 44.8 | \$ 50.3 |
| Adjustments to reconcile net income to net cash provided by operating activities: | | |
| Depreciation and amortization | 21.9 | 19.3 |
| Stock-based compensation expense | 3.9 | 4.2 |
| Deferred income taxes | 6.0 | 4.0 |
| Changes in operating assets and liabilities | (11.6) | (52.0) |
| Net cash provided by operating activities | 65.0 | 25.8 |
| Investing activities: | | |
| Purchases of properties and equipment | (16.3) | (9.4) |
| Proceeds from sales of properties and equipment | 0.5 | — |
| Payments for acquisition-related activity | (6.2) | — |
| Proceeds from acquisition-related activity | 0.8 | — |
| Net cash used for investing activities | (21.2) | (9.4) |
| Financing activities: | | |
| Increase (decrease) in revolving lines of credit, net | 27.7 | (3.1) |
| Purchases of treasury stock | (13.5) | (1.0) |
| Redemptions of common stock to satisfy withholding taxes related to stock-based compensation | (6.6) | (1.6) |
| Cash dividends paid to stockholders | (9.7) | (9.6) |
| Proceeds from stock-based compensation activity | 0.5 | — |
| Other, net | 0.1 | (0.1) |
| Net cash used for financing activities | (1.5) | (15.4) |
| Effects of foreign exchange rate changes on cash and cash equivalents | (0.3) | 0.2 |
| Increase in cash and cash equivalents | 42.0 | 1.2 |
| Cash and cash equivalents at beginning of year | 31.6 | 37.4 |
| Cash and cash equivalents at end of period | \$ 73.6 | \$ 38.6 |

See notes to condensed consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (Unaudited)

| Three Months Ended June 30, 2020 | | | | | | |
|--|-----------------|---|----------------------|-------------------|---|-----------------|
| (in millions) | Common Stock | Capital in Excess of Par Value | Retained Earnings | Treasury Stock | Accumulated Other Comprehensive Loss | Total |
| Balance at April 1, 2020 | \$ 67.2 | \$ 230.1 | \$ 546.8 | \$ (111.4) | \$ (96.5) | \$ 636.2 |
| Net income | | | 21.4 | | | 21.4 |
| Total other comprehensive income | | | | | 1.8 | 1.8 |
| Cash dividends declared (\$0.08 per share) | | | (4.9) | | | (4.9) |
| Stock-based payments: | | | | | | |
| Stock-based compensation | | 2.9 | | | | 2.9 |
| Stock option exercises and other | 0.3 | 1.7 | | (4.0) | | (2.0) |
| Balance at June 30, 2020 | <u>\$ 67.5</u> | <u>\$ 234.7</u> | <u>\$ 563.3</u> | <u>\$ (115.4)</u> | <u>\$ (94.7)</u> | <u>\$ 655.4</u> |
| Three Months Ended June 30, 2019 | | | | | | |
| (in millions) | Common Stock | Capital in Excess of Par Value | Retained Earnings | Treasury Stock | Accumulated Other Comprehensive Loss | Total |
| Balance at April 1, 2019 | \$ 66.5 | \$ 218.4 | \$ 451.7 | \$ (90.6) | \$ (97.6) | \$ 548.4 |
| Net income | | | 32.8 | | | 32.8 |
| Total other comprehensive income | | | | | 1.4 | 1.4 |
| Cash dividends declared (\$0.08 per share) | | | (4.8) | | | (4.8) |
| Stock-based payments: | | | | | | |
| Stock-based compensation | | 2.1 | | | | 2.1 |
| Stock option exercises and other | 0.2 | 0.8 | | (0.8) | | 0.2 |
| Balance at June 30, 2019 | <u>\$ 66.7</u> | <u>\$ 221.3</u> | <u>\$ 479.7</u> | <u>\$ (91.4)</u> | <u>\$ (96.2)</u> | <u>\$ 580.1</u> |
| Six Months Ended June 30, 2020 | | | | | | |
| (in millions) | Common Stock | Capital in Excess of Par Value | Retained Earnings | Treasury Stock | Accumulated Other Comprehensive Loss | Total |
| Balance at January 1, 2020 | \$ 66.9 | \$ 228.6 | \$ 528.2 | \$ (93.0) | \$ (89.1) | \$ 641.6 |
| Net income | | | 44.8 | | | 44.8 |
| Total other comprehensive loss | | | | | (5.6) | (5.6) |
| Cash dividends declared (\$0.16 per share) | | | (9.7) | | | (9.7) |
| Stock-based payments: | | | | | | |
| Stock-based compensation | | 3.9 | | | | 3.9 |
| Stock option exercises and other | 0.4 | 2.4 | | (6.0) | | (3.2) |
| Performance share unit transactions | 0.2 | (0.2) | | (2.9) | | (2.9) |
| Stock repurchase program | | | | (13.5) | | (13.5) |
| Balance at June 30, 2020 | <u>\$ 67.5</u> | <u>\$ 234.7</u> | <u>\$ 563.3</u> | <u>\$ (115.4)</u> | <u>\$ (94.7)</u> | <u>\$ 655.4</u> |

See notes to condensed consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY (Unaudited)

| (in millions) | Six Months Ended June 30, 2019 | | | | | |
|--|--------------------------------|---|----------------------|-------------------|---|----------|
| | Common Stock | Capital in Excess of Par Value | Retained Earnings | Treasury Stock | Accumulated Other Comprehensive Loss | Total |
| Balance at January 1, 2019 | \$ 66.4 | \$ 217.0 | \$ 432.5 | \$ (88.5) | \$ (97.3) | \$ 530.1 |
| Net income | | | 50.3 | | | 50.3 |
| Total other comprehensive income | | | | | 1.1 | 1.1 |
| Cash dividends declared (\$0.16 per share) | | | (9.6) | | | (9.6) |
| Impact of adoption of ASU 2016-02 | | | 6.5 | | | 6.5 |
| Stock-based payments: | | | | | | |
| Stock-based compensation | | 3.5 | | | | 3.5 |
| Stock option exercises and other | 0.2 | 0.9 | | (1.0) | | 0.1 |
| Performance share unit transactions | 0.1 | (0.1) | | (0.9) | | (0.9) |
| Stock repurchase program | | | | (1.0) | | (1.0) |
| Balance at June 30, 2019 | \$ 66.7 | \$ 221.3 | \$ 479.7 | \$ (91.4) | \$ (96.2) | \$ 580.1 |

See notes to condensed consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Organization and Description of the Business

Federal Signal Corporation was founded in 1901 and was reincorporated as a Delaware corporation in 1969. References herein to the “Company,” “we,” “our” or “us” refer collectively to Federal Signal Corporation and its subsidiaries.

Products manufactured and services rendered by the Company are divided into two reportable segments: Environmental Solutions Group and Safety and Security Systems Group. The individual operating businesses are organized as such because they share certain characteristics, including technology, marketing, distribution and product application, which create long-term synergies. These segments are discussed in Note 11 – Segment Information.

Basis of Presentation and Consolidation

The accompanying unaudited condensed consolidated financial statements represent the consolidation of Federal Signal Corporation and its subsidiaries included herein and have been prepared by the Company pursuant to the rules and regulations of the United States (“U.S.”) Securities and Exchange Commission (the “SEC”). Certain information and footnote disclosures normally included in financial statements prepared in accordance with U.S. generally accepted accounting principles (“GAAP”) have been condensed or omitted pursuant to such rules and regulations, although the Company believes that the disclosures presented herein are adequate to ensure the information presented is not misleading. Except as otherwise noted, these condensed consolidated financial statements have been prepared in accordance with the Company’s accounting policies described in the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, and should be read in conjunction with those consolidated financial statements and the notes thereto.

These condensed consolidated financial statements include all normal and recurring adjustments that we considered necessary to present a fair statement of our results of operations, financial condition and cash flow. Intercompany balances and transactions have been eliminated in consolidation. In addition, certain prior-year amounts have been reclassified to conform to current-year presentation.

The results reported in these condensed consolidated financial statements should not be regarded as necessarily indicative of results that may be expected for the entire year, which may differ materially due to, among other things, the risk factors described under Part I, Item 1A, *Risk Factors*, of the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, which was filed with the SEC on February 27, 2020, and as updated in Part II, Item 1A, *Risk Factors*, of the Company’s Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2020, which was filed with the SEC on April 29, 2020, and in this Form 10-Q. While we label our quarterly information using a calendar convention whereby our first, second and third quarters are labeled as ending on March 31, June 30 and September 30, respectively, it is our longstanding practice to establish interim quarterly closing dates based on a 13-week period ending on a Saturday, with our fiscal year ending on December 31. The effects of this practice are not material and exist only within a reporting year.

Recent Accounting Pronouncements and Accounting Changes

In June 2016, the Financial Accounting Standards Board (the “FASB”) issued Accounting Standards Update (“ASU”) No. 2016-13, *Financial Instruments – Credit Losses (Topic 326), Measurement of Credit Losses on Financial Statements*, which requires the measurement of expected credit losses for financial instruments based on historical experience, current conditions, and reasonable forecasts. The amendments in this ASU are effective for fiscal years beginning after December 15, 2019 and interim periods within those fiscal years. The amendments in this ASU should be applied on a modified retrospective basis. The Company adopted this guidance effective January 1, 2020. The adoption of this ASU did not have a material impact on the Company’s consolidated financial statements.

In August 2018, the FASB issued ASU No. 2018-13, *Fair Value Measurement (Topic 820)*, which eliminates certain disclosure requirements, such as the amount of, and reasons for, transfers between Level 1 and Level 2 of the fair value hierarchy. This ASU adds new disclosure requirements for Level 3 measurements, and is effective for fiscal years beginning after December 15, 2019 and interim periods within those fiscal years. The Company adopted this guidance effective January 1, 2020. The adoption of this ASU did not have a material impact on the Company’s disclosures in its consolidated financial statements.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (CONTINUED)
(Unaudited)

In December 2019, the FASB issued ASU No. 2019-12, *Income Taxes (Topic 740), Simplifying the Accounting for Income Taxes*, which is intended to simplify various aspects related to accounting for income taxes. ASU 2019-12 removes certain exceptions to the general principles in Topic 740 and also clarifies and amends existing guidance to improve consistent application. The amendments in this ASU are effective for fiscal years beginning after December 15, 2020 and interim periods within those fiscal years, with early adoption permitted. The amendments should be applied on a retrospective, modified retrospective or prospective basis, depending on the area covered by the update. The Company currently expects to adopt this guidance effective January 1, 2021 and does not expect that its adoption will have a material impact on the Company's consolidated financial statements.

In March 2020, the FASB issued ASU No. 2020-04, *Reference Rate Reform (Topic 848), Facilitation of the Effects of Reference Rate Reform on Financial Reporting*, which provides temporary optional expedients and exceptions for applying U.S. GAAP to contracts, hedging relationships and other transactions that reference LIBOR or another reference rate expected to be discontinued because of reference rate reform. Among other things, for all types of hedging relationships, the guidance allows an entity to change the reference rate and other critical terms related to reference rate reform without having to remeasure the value or reassess a previous accounting determination. The amendments in this guidance should be applied on a prospective basis and, for companies with a fiscal year ending December 31, are effective from January 1, 2020 through December 31, 2022. The Company adopted this guidance effective January 1, 2020. When the transition occurs, the Company expects to apply this expedient to its existing interest rate swap that references LIBOR, and to any other new transactions that reference LIBOR or another reference rate that is discontinued, through December 31, 2022. The adoption of this ASU did not impact the Company's consolidated financial statements.

No other new accounting pronouncements issued, but not yet adopted, are expected to have a material impact on the Company's results of operations, financial position or cash flow.

Use of Estimates

The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect (i) the reported amounts of assets and liabilities, (ii) the disclosure of contingent assets and liabilities at the date of the consolidated financial statements and (iii) the reported amounts of revenues and expenses during the reporting period. Actual results and outcomes may differ, including as a result of the risks and uncertainties associated with the COVID-19 pandemic and its effect on the global economy.

Significant Accounting Policies

There have been no changes to the Company's significant accounting policies as disclosed in the Company's Annual Report on Form 10-K for the year ended December 31, 2019.

NOTE 2 – ACQUISITIONS

Acquisition of Public Works Equipment and Supply, Inc.

On June 12, 2020, the Company acquired certain assets and operations of Public Works Equipment and Supply, Inc. ("PWE"), a distributor of maintenance and infrastructure equipment covering North Carolina, South Carolina and parts of Tennessee. The acquisition included cash consideration of \$6.2 million, which included a payment to acquire certain inventory and fixed assets at closing. As the acquisition closed on June 12, 2020, the assets and liabilities of PWE have been consolidated into the Company's Condensed Consolidated Balance Sheet as of June 30, 2020, and the post-acquisition results of operations have been included in the Condensed Consolidated Statements of Operations, within the Environmental Solutions Group.

The assets acquired and liabilities assumed in the PWE acquisition have been measured at their fair values at the acquisition date, resulting in \$2.5 million of goodwill, which is deductible for tax purposes. Due to the timing of the acquisition, these amounts are preliminary and are subject to change within the measurement period as the Company finalizes its fair value estimates. The Company currently expects to finalize the purchase price allocation by the end of the current year.

The acquisition was not, and would not have been, material to the Company's net sales, results of operations or total assets during any period presented. Accordingly, the Company's consolidated results from operations do not differ materially from historical performance as a result of the acquisition, and therefore, pro-forma results are not presented.

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (CONTINUED)
(Unaudited)

NOTE 3 – REVENUE RECOGNITION

The following table presents the Company's Net sales disaggregated by geographic region, based on the location of the end customer, and by major product line:

| (in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|---------------------------------------|--------------------------------|-----------------|------------------------------|-----------------|
| | 2020 | 2019 | 2020 | 2019 |
| Geographic Region: | | | | |
| U.S. | \$ 205.0 | \$ 248.2 | \$ 431.6 | \$ 453.0 |
| Canada | 38.3 | 51.2 | 71.8 | 95.6 |
| Europe/Other | 26.8 | 24.9 | 52.8 | 49.5 |
| Total net sales | <u>\$ 270.1</u> | <u>\$ 324.3</u> | <u>\$ 556.2</u> | <u>\$ 598.1</u> |
| Major Product Line: | | | | |
| <i>Environmental Solutions</i> | | | | |
| Vehicles and equipment ^(a) | \$ 165.9 | \$ 213.7 | \$ 352.0 | \$ 387.4 |
| Parts | 30.9 | 35.5 | 64.3 | 66.6 |
| Rental income ^(b) | 9.3 | 13.4 | 18.1 | 23.0 |
| Other ^(c) | 8.1 | 4.6 | 12.8 | 9.7 |
| Total | <u>214.2</u> | <u>267.2</u> | <u>447.2</u> | <u>486.7</u> |
| <i>Safety and Security Systems</i> | | | | |
| Public safety and security equipment | 36.3 | 34.6 | 68.1 | 67.0 |
| Industrial signaling equipment | 12.1 | 16.2 | 26.4 | 30.0 |
| Warning systems | 7.5 | 6.3 | 14.5 | 14.4 |
| Total | <u>55.9</u> | <u>57.1</u> | <u>109.0</u> | <u>111.4</u> |
| Total net sales | <u>\$ 270.1</u> | <u>\$ 324.3</u> | <u>\$ 556.2</u> | <u>\$ 598.1</u> |

(a) Includes net sales from the sale of new and used vehicles and equipment, including sales of rental equipment.

(b) Represents income from vehicle and equipment lease arrangements with customers.

(c) Primarily includes revenues from services, such as maintenance and repair work, and the sale of extended warranty contracts.

Contract Balances

The Company recognizes contract liabilities when cash payments, such as customer deposits, are received in advance of the Company's satisfaction of the related performance obligations. Contract liabilities are recognized as Net sales when the related performance obligations are satisfied, which generally occurs within three to six months of the cash receipt. Contract liability balances are not materially impacted by any other factors. The Company's contract liabilities were \$14.7 million and \$13.9 million as of June 30, 2020 and December 31, 2019, respectively. Contract assets, such as unbilled receivables, were not material as of any of the periods presented herein.

NOTE 4 – INVENTORIES

The following table summarizes the components of Inventories:

| (in millions) | June 30, 2020 | December 31, 2019 |
|-------------------|------------------|----------------------|
| Finished goods | \$ 100.5 | \$ 86.8 |
| Raw materials | 80.5 | 79.5 |
| Work in process | 16.5 | 16.6 |
| Total inventories | <u>\$ 197.5</u> | <u>\$ 182.9</u> |

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NOTE 5 – DEBT

The following table summarizes the components of Long-term borrowings and finance lease obligations:

| (in millions) | June 30, 2020 | December 31, 2019 |
|---|------------------|----------------------|
| 2019 Credit Agreement ^(a) | \$ 243.9 | \$ 219.9 |
| Finance lease obligations | 0.7 | 0.6 |
| Total long-term borrowings and finance lease obligations, including current portion | 244.6 | 220.5 |
| Less: Current finance lease obligations | 0.2 | 0.2 |
| Total long-term borrowings and finance lease obligations | <u>\$ 244.4</u> | <u>\$ 220.3</u> |

(a) Defined as the Second Amended and Restated Credit Agreement, dated July 30, 2019.

As more fully described within Note 12 – Fair Value Measurements, the Company uses a three-level fair value hierarchy that prioritizes the inputs used to measure fair value. The fair value of long-term debt is based on interest rates that we believe are currently available to us for issuance of debt with similar terms and remaining maturities (Level 2 input).

The following table summarizes the carrying amounts and estimated fair values of the Company’s long-term borrowings:

| (in millions) | June 30, 2020 | | December 31, 2019 | |
|-------------------------------------|--------------------|---------------|--------------------|---------------|
| | Notional Amount | Fair Value | Notional Amount | Fair Value |
| Long-term borrowings ^(a) | \$ 244.6 | \$ 244.6 | \$ 220.5 | \$ 220.5 |

(a) Long-term borrowings includes current finance lease obligations of \$0.2 million and \$0.2 million as of June 30, 2020 and December 31, 2019, respectively.

Borrowings under the 2019 Credit Agreement bear interest, at the Company’s option, at a base rate or a LIBOR rate, plus, in each case, an applicable margin. The applicable margin ranges from zero to 0.75% for base rate borrowings and 1.00% to 1.75% for LIBOR borrowings. The Company must also pay a commitment fee to the lenders ranging between 0.10% to 0.25% per annum on the unused portion of the \$500 million revolving credit facility along with other standard fees. Letter of credit fees are payable on outstanding letters of credit in an amount equal to the applicable LIBOR margin plus other customary fees.

The Company is subject to certain net leverage ratio and interest coverage ratio financial covenants under the 2019 Credit Agreement that are to be measured at each fiscal quarter-end. The Company was in compliance with all such covenants as of June 30, 2020.

As of June 30, 2020, there was \$243.9 million of cash drawn and \$11.2 million of undrawn letters of credit under the 2019 Credit Agreement, with \$244.9 million of availability for borrowings. As of December 31, 2019, there was \$219.9 million cash drawn and \$11.2 million of undrawn letters of credit under the 2019 Credit Agreement, with \$268.9 million of availability for borrowings.

The following table summarizes the gross borrowings and gross payments under the Company’s revolving credit facilities:

| (in millions) | Six Months Ended June 30, | |
|------------------|------------------------------|---------|
| | 2020 | 2019 |
| Gross borrowings | \$ 81.1 | \$ 10.7 |
| Gross payments | 53.4 | 13.8 |

Interest Rate Swap

On June 2, 2017, the Company entered into an interest rate swap (the “2017 Swap”) with a notional amount of \$150.0 million, as a means of fixing the floating interest rate component on \$150.0 million of its variable-rate debt. In the third quarter of 2019, the Company terminated the 2017 Swap and received \$0.2 million in connection with its settlement. The 2017 Swap was previously designated as a cash flow hedge, with an original termination date of June 2, 2020.

On October 2, 2019, the Company entered into an interest rate swap (the “2019 Swap”) with a notional amount of \$75.0 million, as a means of fixing the floating interest rate component on \$75.0 million of its variable-rate debt. The 2019 Swap is designated as a cash flow hedge, with a maturity date of July 30, 2024.

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As a result of the application of hedge accounting treatment, all unrealized gains and losses related to the derivative instrument are recorded in Accumulated other comprehensive loss and are reclassified into operations in the same period in which the hedged transaction affects earnings. The gain on the termination of the 2017 Swap was included in Accumulated other comprehensive loss and was reclassified into earnings ratably through June 2, 2020. Hedge effectiveness is assessed quarterly. The Company does not use derivative instruments for trading or speculative purposes.

The fair value of the Company’s interest rate swaps is derived from a discounted cash flow analysis based on the terms of the contract and the interest rate curve (Level 2 inputs) and measured on a recurring basis in our Condensed Consolidated Balance Sheets. At June 30, 2020, the fair value of the 2019 Swap was a liability of \$3.5 million, which was included in Other long-term liabilities on the Condensed Consolidated Balance Sheet. At December 31, 2019, the fair value of the 2019 Swap was an asset of \$0.9 million, which was included in Deferred charges and other long-term assets on the Condensed Consolidated Balance Sheet. During the three and six months ended June 30, 2020, unrealized pre-tax losses of \$0.4 million and \$4.4 million, respectively, were recorded in Accumulated other comprehensive loss, and no ineffectiveness was recorded. During the three and six months ended June 30, 2019, unrealized pre-tax losses of \$1.0 million and \$1.6 million, respectively, were recorded in Accumulated other comprehensive loss, and no ineffectiveness was recorded.

NOTE 6 – INCOME TAXES

The Company recognized income tax expense of \$6.1 million and \$11.6 million for the three months ended June 30, 2020 and 2019, respectively. The decrease in tax expense in the current-year quarter was largely due to lower pre-tax income levels, and the recognition of a \$1.1 million excess tax benefit from stock compensation activity. The Company’s effective tax rate for the three months ended June 30, 2020 was 22.2%, compared to 26.1% in the prior-year quarter.

For the six months ended June 30, 2020 and 2019, the Company recognized income tax expense of \$13.3 million and \$17.5 million, respectively. The decrease in tax expense in the current year was largely due to lower pre-tax income levels, and the recognition of excess tax benefits from stock compensation activity of \$1.8 million. The Company’s effective tax rate for the six months ended June 30, 2020 was 22.9%, compared to 25.8% in the prior-year period.

On March 27, 2020, the Coronavirus Aid, Relief, and Economic Security Act (the “CARES Act”) was enacted. The income tax provisions of the CARES Act had limited applicability to the Company and, therefore, did not have a material impact on the Company’s income tax expense for the three and six months ended June 30, 2020. However, as permitted under the CARES Act, the Company elected to defer approximately \$3.3 million of federal income tax payments, that would have otherwise been paid during the second quarter of 2020, to the third quarter of 2020.

NOTE 7 – PENSION AND OTHER POST-EMPLOYMENT PLANS

Defined Benefit Pension Plans

The following table summarizes the components of Net periodic pension (benefit) expense:

| (in millions) | U.S. Benefit Plan | | | | Non-U.S. Benefit Plan | | | |
|--|--------------------------------|--------|------------------------------|-------|--------------------------------|--------|------------------------------|--------|
| | Three Months Ended June 30, | | Six Months Ended June 30, | | Three Months Ended June 30, | | Six Months Ended June 30, | |
| | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 |
| Service cost..... | \$ — | \$ — | \$ — | \$ — | \$ — | \$ — | \$ 0.1 | \$ 0.1 |
| Interest cost..... | \$ 1.4 | 1.7 | 2.8 | 3.4 | 0.2 | 0.4 | 0.5 | 0.7 |
| Amortization of actuarial loss..... | 0.8 | 0.6 | 1.6 | 1.2 | 0.1 | 0.1 | 0.2 | 0.3 |
| Amortization of prior service cost..... | — | — | — | — | 0.1 | 0.1 | 0.1 | 0.1 |
| Expected return on plan assets..... | (2.3) | (2.2) | (4.6) | (4.4) | (0.4) | (0.5) | (0.9) | (1.0) |
| Net periodic pension (benefit) expense ... | \$ (0.1) | \$ 0.1 | (0.2) | 0.2 | \$ — | \$ 0.1 | — | 0.2 |

The items that comprise Net periodic pension (benefit) expense, other than service cost, are included as a component of Other expense (income), net on the Condensed Consolidated Statements of Operations.

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (CONTINUED)
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In each of the six months ended June 30, 2020 and 2019, the Company contributed \$0.6 million to its non-U.S. defined benefit plan. The Company did not make any contributions to its U.S. defined benefit plan in either period.

For the year ended December 31, 2020, the Company expects to contribute up to \$5.0 million to the U.S. benefit plan and up to \$1.3 million to the non-U.S. benefit plan.

Multi-Employer Pension Plans

During the second quarter of 2020, the Company decided to withdraw from the Sheet Metal Workers’ National Pension Fund. In connection with the issuance of the Company’s intention to withdraw from the plan, the Company recorded an estimated liability of \$2.5 million as a component of Other current liabilities on the Condensed Consolidated Balance Sheet as of June 30, 2020. The related expense was included as a component of Other expense (income), net on the Condensed Consolidated Statements of Operations for the three and six months ended June 30, 2020.

NOTE 8 – COMMITMENTS AND CONTINGENCIES

Financial Commitments

The Company provides indemnifications and other guarantees in the ordinary course of business, the terms of which range in duration and often are not explicitly defined. Specifically, the Company is occasionally required to provide letters of credit and bid and performance bonds to various customers, principally to act as security for retention levels related to casualty insurance policies and to guarantee the performance of subsidiaries that engage in export and domestic transactions. At June 30, 2020, the Company had outstanding performance and financial standby letters of credit, as well as outstanding bid and performance bonds, aggregating to \$26.6 million. If any such letters of credit or bonds are called, the Company would be obligated to reimburse the issuer of the letter of credit or bond. The Company believes the likelihood of any currently outstanding letter of credit or bond being called is remote.

The Company has transactions involving the sale of equipment to certain of its customers which include (i) guarantees to repurchase the equipment for a fixed price at a future date and (ii) guarantees to repurchase the equipment from the third-party lender in the event of default by the customer. As of June 30, 2020, the single year and maximum potential cash payments the Company could be required to make to repurchase equipment under these agreements were \$3.9 million and \$4.0 million, respectively. The Company’s risk under these repurchase arrangements would be partially mitigated by the value of the products repurchased as part of the transaction. Historical cash requirements and losses associated with these obligations have not been significant, but could increase if customer defaults exceed current expectations, including as a result of the current COVID-19 pandemic and its effect on the global economy.

Product Warranties

The Company issues product performance warranties to customers with the sale of its products. The specific terms and conditions of these warranties vary depending upon the product sold and country in which the Company does business, with warranty periods generally ranging from one to five years. The Company estimates the costs that may be incurred under its basic limited warranty and records a liability in the amount of such costs at the time the sale of the related product is recognized. Factors that affect the Company’s warranty liability include (i) the number of units under warranty, (ii) historical and anticipated rates of warranty claims and (iii) costs per claim. The Company periodically assesses the adequacy of its recorded warranty liabilities and adjusts the amounts as necessary.

The following table summarizes the changes in the Company’s warranty liabilities during the six months ended June 30, 2020 and 2019:

| (in millions) | 2020 | 2019 |
|-----------------------------|----------------|---------------|
| Balance at January 1 | \$ 11.2 | \$ 9.8 |
| Provisions to expense | 3.8 | 2.9 |
| Payments | (3.8) | (3.1) |
| Balance at June 30 | <u>\$ 11.2</u> | <u>\$ 9.6</u> |

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (CONTINUED)

(Unaudited)

As of June 30, 2020 and December 31, 2019, an estimated liability was recorded within the Environmental Solutions Group in connection with a specific warranty matter. It is reasonably possible that the Company's estimate may change in the future as more information becomes available; however, the ultimate resolution of this matter is not expected to have a material adverse effect on the Company's results of operations, financial position or liquidity.

Liabilities of Discontinued Operations

The Company retains certain liabilities for operations discontinued in prior periods, primarily for environmental remediation and product liability. Included in liabilities of discontinued operations on the Condensed Consolidated Balance Sheets as of both June 30, 2020 and December 31, 2019, were reserves of \$0.3 million related to environmental remediation at the Pearland, Texas facility previously used by the Company's discontinued Pauluhn business, and \$0.8 million related to estimated product liability obligations of the discontinued North American refuse truck body business.

Legal Proceedings

The Company is subject to various claims, including pending and possible legal actions for product liability and other damages, and other matters arising in the ordinary course of the Company's business. On a quarterly basis, the Company reviews uninsured material legal claims against the Company and accrues for the costs of such claims as appropriate in the exercise of management's best judgment and experience. However, due to a lack of factual information available to the Company about a claim, or the procedural stage of a claim, it may not be possible for the Company to reasonably assess either the probability of a favorable or unfavorable outcome of the claim or to reasonably estimate the amount of loss should there be an unfavorable outcome. Therefore, for many claims, the Company cannot reasonably estimate a range of loss.

The Company believes, based on current knowledge and after consultation with counsel, that the outcome of such claims and actions will not have a material adverse effect on the Company's results of operations or financial condition. However, in the event of unexpected future developments, it is possible that the ultimate resolution of such matters, if unfavorable, could have a material adverse effect on the Company's results of operations, financial condition or cash flow.

Hearing Loss Litigation

The Company has been sued for monetary damages by firefighters who claim that exposure to the Company's sirens has impaired their hearing and that the sirens are therefore defective. There were 33 cases filed during the period of 1999 through 2004, involving a total of 2,443 plaintiffs, in the Circuit Court of Cook County, Illinois. These cases involved more than 1,800 firefighter plaintiffs from locations outside of Chicago. In 2009, six additional cases were filed in Cook County, involving 299 Pennsylvania firefighter plaintiffs. During 2013, another case was filed in Cook County involving 74 Pennsylvania firefighter plaintiffs.

The trial of the first 27 of these plaintiffs' claims occurred in 2008, whereby a Cook County jury returned a unanimous verdict in favor of the Company.

An additional 40 Chicago firefighter plaintiffs were selected for trial in 2009. Plaintiffs' counsel later moved to reduce the number of plaintiffs from 40 to nine. The trial for these nine plaintiffs concluded with a verdict against the Company and for the plaintiffs in varying amounts totaling \$0.4 million. The Company appealed this verdict. On September 13, 2012, the Illinois Appellate Court rejected this appeal. The Company thereafter filed a petition for rehearing with the Illinois Appellate Court, which was denied on February 7, 2013. The Company sought further review by filing a petition for leave to appeal with the Illinois Supreme Court on March 14, 2013. On May 29, 2013, the Illinois Supreme Court issued a summary order declining to accept review of this case. On July 1, 2013, the Company satisfied the judgments entered for these plaintiffs, which resulted in final dismissal of these cases.

A third consolidated trial involving eight Chicago firefighter plaintiffs occurred during November 2011. The jury returned a unanimous verdict in favor of the Company at the conclusion of this trial.

Following this trial, on March 12, 2012 the trial court entered an order certifying a class of the remaining Chicago Fire Department firefighter plaintiffs for trial on the sole issue of whether the Company's sirens were defective and unreasonably dangerous. The Company petitioned the Illinois Appellate Court for interlocutory appeal of this ruling. On May 17, 2012, the Illinois Appellate Court accepted the Company's petition. On June 8, 2012, plaintiffs moved to dismiss the appeal, agreeing with the Company that the trial court had erred in certifying a class action trial in this matter. Pursuant to plaintiffs' motion, the Illinois Appellate Court reversed the trial court's certification order.

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(Unaudited)

Thereafter, the trial court scheduled a fourth consolidated trial involving three firefighter plaintiffs, which began in December 2012. Prior to the start of this trial, the claims of two of the three firefighter plaintiffs were dismissed. On December 17, 2012, the jury entered a complete defense verdict for the Company.

Following this defense verdict, plaintiffs again moved to certify a class of Chicago Fire Department plaintiffs for trial on the sole issue of whether the Company's sirens were defective and unreasonably dangerous. Over the Company's objection, the trial court granted plaintiffs' motion for class certification on March 11, 2013 and scheduled a class action trial to begin on June 10, 2013. The Company filed a petition for review with the Illinois Appellate Court on March 29, 2013 seeking reversal of the class certification order.

On June 25, 2014, a unanimous three-judge panel of the First District Illinois Appellate Court issued its opinion reversing the class certification order of the trial court. Specifically, the Appellate Court determined that the trial court's ruling failed to satisfy the class-action requirements that the common issues of the firefighters' claims predominate over the individual issues and that there is an adequate representative for the class. During a status hearing on October 8, 2014, plaintiffs represented to the Court that they would again seek to certify a class of firefighters on the issue of whether the Company's sirens were defective and unreasonably dangerous. On January 12, 2015, plaintiffs filed motions to amend their complaints to add class action allegations with respect to Chicago firefighter plaintiffs, as well as the approximately 1,800 firefighter plaintiffs from locations outside of Chicago. On March 11, 2015, the trial court granted plaintiffs' motions to amend their complaints. On April 24, 2015, the cases were transferred to Cook County chancery court, which will decide all class certification issues. On March 23, 2018, plaintiffs filed a motion to certify as a class all firefighters from the Chicago Fire Department who have filed lawsuits in this matter. The parties have requested discovery from each other related to this motion. The Company intends to continue its objections to any attempt at certification.

The Company has also filed motions to dismiss cases involving firefighters who worked for fire departments located outside of the State of Illinois based on improper venue. On February 24, 2017, the Circuit Court of Cook County entered orders dismissing the cases of 1,770 such firefighter plaintiffs from the jurisdiction of the State of Illinois. Pursuant to these orders, these plaintiffs had six months thereafter to refile their cases in jurisdictions where these firefighters are located. Prior to this six-month deadline, attorneys representing some of these plaintiffs contacted the Company regarding possible settlement of their cases. During the year ended December 31, 2017, the Company entered into a global settlement agreement with two attorneys who represented approximately 1,090 of these plaintiffs. Under the terms of the settlement agreement, the Company offered \$700 per plaintiff to settle these cases and 717 plaintiffs accepted this offer as a final settlement. The attorneys representing these plaintiffs agreed to withdraw from representing plaintiffs who did not respond to the settlement offer. It is the Company's position that the non-settling plaintiffs who failed to timely refile their cases following the February 2017 dismissal by the Circuit Court of Cook County are now barred from doing so by the statute of limitations. The Company filed a venue motion seeking to transfer to DuPage County cases involving 10 plaintiffs who reside and work in Illinois but outside of Cook County. The Court granted this motion on June 28, 2017.

The Company has also been sued on this issue outside of the Cook County, Illinois venue. Between 2007 and 2009, a total of 71 lawsuits involving 71 plaintiffs were filed in the Court of Common Pleas, Philadelphia County, Pennsylvania. Three of these cases were dismissed pursuant to pretrial motions filed by the Company. Another case was voluntarily dismissed. Prior to trial in four cases, the Company paid nominal sums to obtain dismissals.

Three trials occurred in Philadelphia involving these cases filed in 2007 through 2009. The first trial involving one of these plaintiffs occurred in 2010, when the jury returned a verdict for the plaintiff. In particular, the jury found that the Company's siren was not defectively designed, but that the Company negligently constructed the siren. The jury awarded damages in the amount of \$0.1 million, which was subsequently reduced to \$0.08 million. The Company appealed this verdict. Another trial, involving nine Philadelphia firefighter plaintiffs, also occurred in 2010 when the jury returned a defense verdict for the Company as to all claims and all plaintiffs involved in that trial. The third trial, also involving nine Philadelphia firefighter plaintiffs, was completed during 2010 when the jury returned a defense verdict for the Company as to all claims and all plaintiffs involved in that trial.

Following defense verdicts in the last two Philadelphia trials, the Company negotiated settlements with respect to all remaining filed cases in Philadelphia at that time, as well as other firefighter claimants represented by the attorney who filed the Philadelphia cases. On January 4, 2011, the Company entered into a Global Settlement Agreement (the "Settlement Agreement") with the law firm of the attorney representing the Philadelphia claimants, on behalf of 1,125 claimants the firm represented (the "Claimants") and who had asserted product claims against the Company (the "Claims"). Three hundred eight of the Claimants had lawsuits pending against the Company in Cook County, Illinois.

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(Unaudited)

The Settlement Agreement provided that the Company pay a total amount of \$3.8 million (the “Settlement Payment”) to settle the Claims (including the costs, fees and other expenses of the law firm in connection with its representation of the Claimants), subject to certain terms, conditions and procedures set forth in the Settlement Agreement. In order for the Company to be required to make the Settlement Payment: (i) each Claimant who agreed to settle his or her claims had to sign a release acceptable to the Company (a “Release”), (ii) each Claimant who agreed to the settlement and who was a plaintiff in a lawsuit, had to dismiss his or her lawsuit with prejudice, (iii) by April 29, 2011, at least 93% of the Claimants identified in the Settlement Agreement must have agreed to settle their claims and provide a signed Release to the Company and (iv) the law firm had to withdraw from representing any Claimants who did not agree to the settlement, including those who filed lawsuits. If the conditions to the settlement were met, but less than 100% of the Claimants agreed to settle their Claims and sign a Release, the Settlement Payment would be reduced by the percentage of Claimants who did not agree to the settlement.

On April 22, 2011, the Company confirmed that the terms and conditions of the Settlement Agreement had been met and made a payment of \$3.6 million to conclude the settlement. The amount was based upon the Company’s receipt of 1,069 signed releases provided by Claimants, which was 95% of all Claimants identified in the Settlement Agreement.

The Company generally denies the allegations made in the claims and lawsuits by the Claimants and denies that its products caused any injuries to the Claimants. Nonetheless, the Company entered into the Settlement Agreement for the purpose of minimizing its expenses, including legal fees, and avoiding the inconvenience, uncertainty and distraction of the claims and lawsuits.

During April through October 2012, 20 new cases were filed in the Court of Common Pleas, Philadelphia County, Pennsylvania. These cases were filed on behalf of 20 Philadelphia firefighters and involve various defendants in addition to the Company. Five of these cases were subsequently dismissed. The first trial involving these 2012 Philadelphia cases occurred during December 2014 and involved three firefighter plaintiffs. The jury returned a verdict in favor of the Company. Following this trial, all of the parties agreed to settle cases involving seven firefighter plaintiffs set for trial during January 2015 for nominal amounts per plaintiff.

In January 2015, plaintiffs’ attorneys filed two new complaints in the Court of Common Pleas, Philadelphia, Pennsylvania on behalf of approximately 70 additional firefighter plaintiffs. The vast majority of the firefighters identified in these complaints are located outside of Pennsylvania. One of the complaints in these cases, which involves 11 firefighter plaintiffs from the District of Columbia, was removed to federal court in the Eastern District of Pennsylvania. Plaintiffs voluntarily dismissed all claims in this case on May 31, 2016. The Company thereafter moved to recover various fees and costs in this case, asserting that plaintiffs’ counsel failed to properly investigate these claims prior to filing suit. The Court granted this motion on April 25, 2017, awarding \$0.1 million to the Company. After plaintiffs appealed this Order, the United States Court of Appeals for the Third Circuit affirmed the lower court decision awarding fees and costs to the Company.

With respect to claims of other out-of-state firefighters involved in these two cases, the Company moved to dismiss these claims as improperly filed in Pennsylvania. The Court granted this motion and dismissed these claims on November 5, 2015. During August through December 2015, another nine new cases were filed in the Court of Common Pleas, Philadelphia County, Pennsylvania. These cases involve a total of 193 firefighters, most of whom are located outside of Pennsylvania. The Company again moved to dismiss all claims filed by out-of-state firefighters in these cases as improperly filed in Pennsylvania. On May 24, 2016, the Court granted this motion and dismissed these claims. Plaintiffs appealed this decision and, on September 25, 2018, the appellate court reversed this dismissal. The Company then filed a petition with the appellate court requesting that the court reconsider its ruling. On December 7, 2018, the appellate court granted the Company’s petition and withdrew its prior decision. The Court ordered that the parties file additional briefs and a new panel of appellate judges issue a decision. On June 25, 2020, after further briefing, the appellate court issued a decision affirming the trial court’s dismissal of these cases.

On May 13, 2016, four new cases were filed in Philadelphia state court, involving a total of 55 Philadelphia firefighters who live in Pennsylvania. During August 2016, the Company settled a case involving four Philadelphia firefighters that had been set for trial in Philadelphia state court during September 2016. During 2017, plaintiffs filed additional cases in the Court of Common Pleas, Philadelphia County, involving over 100 Philadelphia firefighter plaintiffs. During January 2017, plaintiffs filed a motion to consolidate and bifurcate, similar to a motion filed in the Pittsburgh hearing loss cases, as described below. The Company has filed an opposition to this motion. These cases were then transferred to the mass tort program in Philadelphia for pretrial purposes. Plaintiffs’ counsel thereafter dismissed several plaintiffs. During November 2017, a trial involving one Philadelphia firefighter occurred. The jury returned a verdict in favor of the Company in this trial. Prior to a dismissal of these

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(Unaudited)

cases pursuant to the Tolling Agreement, discussed below, there was a total of 75 firefighters involved in cases pending in the Philadelphia mass tort program.

During April through July 2013, additional cases were filed in Allegheny County, Pennsylvania on behalf of 247 plaintiff firefighters from Pittsburgh and against various defendants, including the Company. During May 2016, two additional cases were filed against the Company in Allegheny County involving 19 Pittsburgh firefighters. After the Company filed pretrial motions, the Court dismissed claims of 55 Pittsburgh firefighter plaintiffs. The Court scheduled trials for May, September and November 2016, for eight firefighters per trial. Prior to the first scheduled trial in Pittsburgh, the Court granted the Company's motion for summary judgment and dismissed all claims asserted by plaintiff firefighters involved in this trial. Following an appeal by the plaintiff firefighters, the appellate court affirmed this dismissal. The next trial for six Pittsburgh firefighters started on November 7, 2016. Shortly after this trial began, plaintiffs' counsel moved for a mistrial because a key witness suddenly became unavailable. The Court granted this motion and rescheduled this trial for March 6, 2017. During January 2017, plaintiffs also moved to consolidate and bifurcate trials involving Pittsburgh firefighters. In particular, plaintiffs sought one trial involving liability issues which will apply to all Pittsburgh firefighters who filed suit against the Company. The Company filed an opposition to this motion. On April 18, 2017, the trial court granted plaintiffs' motion to bifurcate the next Pittsburgh trial. Pursuant to a motion for clarification filed by the Company, the Court ruled that the bifurcation order would only apply to six plaintiffs who were part of the next trial group in Pittsburgh. The Company thereafter sought an interlocutory appeal of the Court's bifurcation order. The appellate court declined to accept the appeal at that time. A bifurcated trial began on September 27, 2017 in Allegheny County, Pennsylvania. Prior to and during trial, two plaintiffs were dismissed, resulting in four plaintiffs remaining for trial. After approximately two weeks of trial, the jury found that the Company's siren product was not defective or unreasonably dangerous and rendered a verdict in favor of the Company.

A second trial involving Pittsburgh firefighters began during January 2018. At the outset of this trial, plaintiffs' attorneys requested that the Company consider settlement of various cases. This trial was continued to allow the parties to further discuss possible settlement. During March 2018, the parties agreed in principle on a framework (the "Settlement Framework") to resolve hearing loss claims and cases in all jurisdictions involved in the hearing loss litigation except in Cook County and Lackawanna County, and excluding one case involving one firefighter in New York City. The firefighters excluded from the Settlement Framework are represented by different attorneys. The Company has agreed in principle to settle the cases in Lackawanna County and the case involving one firefighter in New York City for nominal amounts. Pursuant to the Settlement Framework, the Company would pay \$700 to each firefighter who has filed a lawsuit and is eligible to be part of the settlement. The Company would pay \$300 to each firefighter who has not yet filed a case and is eligible to be part of the settlement. To be eligible for settlement, among other things, firefighters must provide proof that they have high frequency noise-induced hearing loss. There are approximately 3,700 firefighters whose claims may be considered as part of this settlement, including approximately 1,320 firefighters who have ongoing filed lawsuits. This Settlement Framework was finalized in a global settlement agreement executed on November 4, 2019 (the "Framework Agreement"). Pursuant to the Framework Agreement, the parties are now in the process of determining how many of the approximately 3,700 firefighters will be eligible to participate in the settlement. In order to minimize the parties' respective legal costs and expenses during this settlement process, on July 5, 2018, the parties entered into a tolling agreement (the "Tolling Agreement"). Pursuant to the Tolling Agreement, counsel for the settling firefighters agreed to dismiss the pending lawsuits in all jurisdictions except for the Allegheny County (Pittsburgh), Pennsylvania cases, and the Company agreed to a tolling of any statute of limitations applicable to the dismissed cases. The Tolling Agreement continued in place until the parties executed the Framework Agreement on November 4, 2019. After execution of the Framework Agreement, the Allegheny County (Pittsburgh) cases were dismissed. The Framework Agreement requires plaintiffs' attorneys to withdraw from representing firefighters who elect not to participate in this settlement. As of June 30, 2020, the Company has recognized an estimated liability for the potential settlement amount under the Framework Agreement. While it is reasonably possible that the ultimate resolution of this matter may result in a loss in excess of the amount accrued, the incremental loss is not expected to be material.

During March 2014, an action also was brought in the Court of Common Pleas of Erie County, Pennsylvania on behalf of 61 firefighters. This case likewise involves various defendants in addition to the Company. After the Company filed pretrial motions, 33 Erie County firefighter plaintiffs voluntarily dismissed their claims. During August 2017, five cases involving 70 firefighter plaintiffs were filed in Lackawanna County, Pennsylvania. These cases involve firefighter plaintiffs who originally filed in Cook County and were dismissed pursuant to the Company's forum nonconveniens motion. As of June 30, 2020, a total of 263 firefighters are involved in cases filed in Allegheny and Lackawanna counties in Pennsylvania.

On September 17, 2014, 20 lawsuits, involving a total of 193 Buffalo Fire Department firefighters, were filed in the Supreme Court of the State of New York, Erie County. All of the cases filed in Erie County, New York have been removed to federal court in the Western District of New York. Plaintiffs have filed a motion to consolidate and bifurcate these cases, similar to the

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
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motion filed in the Pittsburgh hearing loss cases, as described above. The Company has filed an opposition to the motion. During February 2015, a lawsuit involving one New York City firefighter plaintiff was filed in the Supreme Court of the State of New York, New York County. The plaintiff named the Company as well as several other parties as defendants. That case subsequently was transferred to federal court in the Northern District of New York and thereafter dismissed. During April 2015 through January 2016, 29 new cases involving a total of 235 firefighters were filed in various counties in the New York City area. During December 2016 through October 2017, additional cases were filed in these jurisdictions. On February 5, 2018, the Company was served with a complaint in an additional case filed in Kings County, New York. This case involves one plaintiff. Prior to a dismissal of these cases pursuant to the Tolling Agreement, there was a total of 536 firefighters involved in cases filed in the State of New York.

During November 2015, the Company was served with a complaint filed in Union County, New Jersey state court, involving 34 New Jersey firefighters. This case has been transferred to federal court in the District of New Jersey. During the period from January through May 2016, eight additional cases were filed in various New Jersey state courts. Most of the firefighters in these cases reside in New Jersey and work or worked at New Jersey fire departments. During December 2016, a case involving one New Jersey firefighter was filed in the United States District Court of New Jersey. On May 2, 2017, plaintiffs filed a motion to consolidate and bifurcate in the pending federal court case in New Jersey. This motion was similar to bifurcation motions filed by plaintiffs in Pittsburgh, Buffalo and Philadelphia. The Court has denied this motion as premature. Pursuant to a petition filed by both parties, all New Jersey state court cases were consolidated for pretrial purposes. Prior to a dismissal of these cases pursuant to the Tolling Agreement, there was a total of 61 firefighters involved in cases filed in New Jersey.

During May through October 2016, nine cases were filed in Suffolk County, Massachusetts state court, naming the Company as a defendant. These cases involve 194 firefighters who lived and worked in the Boston area. During August 2017, plaintiffs filed additional cases in Suffolk County court. The Company moved to transfer various cases filed in Suffolk County to other counties in Massachusetts where plaintiffs reside and work. Prior to a dismissal of these cases pursuant to the Tolling Agreement, there was a total of 218 firefighters involved in cases filed in Massachusetts.

During August and September 2017, plaintiffs' attorneys filed additional hearing loss cases in Florida. The Company is the only named defendant. These cases were filed in several different counties in Florida, including Tampa, Miami and Orlando municipalities. Plaintiffs have agreed to stipulate that they will not seek more than \$75,000 in damages in any individual plaintiff case. Prior to a dismissal of these cases pursuant to the Tolling Agreement, there was a total of 166 firefighters involved in cases filed in Florida.

From 2007 through 2009, firefighters also brought hearing loss claims against the Company in New Jersey, Missouri, Maryland and Kings County, New York. All of those cases, however, were dismissed prior to trial, including four cases in the Supreme Court of Kings County, New York that were dismissed upon the Company's motion in 2008. On appeal, the New York appellate court affirmed the trial court's dismissal of these cases. Plaintiffs' attorneys have threatened to file additional lawsuits. The Company intends to vigorously defend all of these lawsuits, if filed.

NOTE 9 – EARNINGS PER SHARE

The Company computes earnings per share ("EPS") in accordance with Accounting Standards Codification ("ASC") 260, *Earnings per Share*, which requires that non-vested restricted stock containing non-forfeitable dividend rights should be treated as participating securities pursuant to the two-class method. Under the two-class method, net income is reduced by the amount of dividends declared in the period for common stock and participating securities. The remaining undistributed earnings are then allocated to common stock and participating securities as if all of the net income for the period had been distributed. The amounts of distributed and undistributed earnings allocated to participating securities for the three and six months ended June 30, 2020 and 2019 were insignificant and did not materially impact the calculation of basic or diluted EPS.

Basic EPS is computed by dividing income available to common stockholders by the weighted average number of shares of common stock and non-vested restricted stock awards outstanding for the period.

Diluted EPS is computed using the weighted average number of shares of common stock and non-vested restricted stock awards outstanding for the year, plus the effect of dilutive potential common shares outstanding during the period. The dilutive effect of common stock equivalents is determined using the more dilutive of the two-class method or alternative methods. The Company uses the treasury stock method to determine the potentially dilutive impact of our employee stock options and restricted stock units, and the contingently issuable method for our performance-based restricted stock unit awards.

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(Unaudited)

For both the three and six months ended June 30, 2020, options to purchase 0.5 million shares of the Company’s common stock, respectively, had an anti-dilutive effect on EPS, and accordingly, are excluded from the calculation of diluted EPS. For both the three and six months ended June 30, 2019, options to purchase 0.5 million shares of the Company’s common stock, respectively, had an anti-dilutive effect on EPS, and accordingly, are excluded from the calculation of diluted EPS.

The following table reconciles Net income to basic and diluted EPS:

| (in millions, except per share data) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|---|--------------------------------|---------|------------------------------|---------|
| | 2020 | 2019 | 2020 | 2019 |
| Net income | \$ 21.4 | \$ 32.8 | \$ 44.8 | \$ 50.3 |
| Weighted average shares outstanding – Basic | 60.1 | 60.1 | 60.3 | 60.1 |
| Dilutive effect of common stock equivalents | 1.2 | 1.2 | 1.3 | 1.1 |
| Weighted average shares outstanding – Diluted | 61.3 | 61.3 | 61.6 | 61.2 |
| Earnings per share: | | | | |
| Basic | \$ 0.36 | \$ 0.55 | \$ 0.74 | \$ 0.84 |
| Diluted | 0.35 | 0.54 | 0.73 | 0.82 |

NOTE 10 – STOCKHOLDERS’ EQUITY

Dividends

On February 19, 2020, the Company’s Board of Directors (the “Board”) declared a quarterly cash dividend of \$0.08 per common share. The dividend totaled \$4.8 million and was distributed on March 31, 2020 to holders of record at the close of business on March 18, 2020.

On April 21, 2020, the Board declared a quarterly cash dividend of \$0.08 per common share. The dividend totaled \$4.9 million and was distributed on June 2, 2020 to holders of record at the close of business on May 15, 2020.

During the three and six months ended June 30, 2019, dividends of \$4.8 million and \$9.6 million were paid to stockholders.

On July 27, 2020, the Board declared a quarterly cash dividend of \$0.08 per common share payable on September 4, 2020 to holders of record at the close of business on August 21, 2020.

Stock Repurchase Program

In November 2014, the Board authorized a stock repurchase program (the “November 2014 program”) of up to \$75.0 million of the Company’s common stock.

On March 13, 2020, the Board authorized an additional stock repurchase program (the “March 2020 program”) of up to \$75.0 million of the Company’s common stock. The March 2020 program supplements the Board’s prior authorization under the November 2014 program, which remains in effect.

The stock repurchase programs are intended primarily to facilitate purchases of Company stock as a means to provide cash returns to stockholders, enhance stockholder returns and manage the Company’s capital structure. Under its stock repurchase programs, the Company is authorized to repurchase, from time to time, shares of its outstanding common stock. Stock repurchases by the Company are subject to market conditions and other factors and may be commenced, suspended or discontinued at any time.

During the six months ended June 30, 2020, the Company repurchased 490,990 shares for a total of \$13.5 million under the stock repurchase program. No shares were repurchased during the three months ended June 30, 2020, following the Company’s decision to temporarily suspend stock repurchases in light of the economic uncertainty and market volatility resulting from the COVID-19 pandemic.

During the six months ended June 30, 2019, the Company repurchased 48,409 shares for a total of \$1.0 million under the stock repurchase program.

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(Unaudited)

Accumulated Other Comprehensive Loss

The following tables summarize the changes in each component of Accumulated other comprehensive loss, net of tax in the three months ended June 30, 2020 and 2019:

| (in millions) ^(a) | Actuarial Losses | Prior Service Costs | Foreign Currency Translation | Unrealized Gain (Loss) on Interest Rate Swaps | Total |
|--|---------------------|---------------------------|------------------------------------|--|------------------|
| Balance at April 1, 2020 | \$ (78.6) | \$ (2.4) | \$ (13.2) | \$ (2.3) | \$ (96.5) |
| Other comprehensive income (loss) before reclassifications | 0.1 | — | 1.2 | (0.4) | 0.9 |
| Amounts reclassified from accumulated other comprehensive loss | 0.7 | 0.1 | — | 0.1 | 0.9 |
| Net current-period other comprehensive income (loss) | 0.8 | 0.1 | 1.2 | (0.3) | 1.8 |
| Balance at June 30, 2020 | <u>\$ (77.8)</u> | <u>\$ (2.3)</u> | <u>\$ (12.0)</u> | <u>\$ (2.6)</u> | <u>\$ (94.7)</u> |

| (in millions) ^(a) | Actuarial Losses | Prior Service Costs | Foreign Currency Translation | Unrealized Gain (Loss) on Interest Rate Swaps | Total |
|--|---------------------|---------------------------|------------------------------------|--|------------------|
| Balance at April 1, 2019 | \$ (87.2) | \$ (2.5) | \$ (8.9) | \$ 1.0 | \$ (97.6) |
| Other comprehensive income (loss) before reclassifications | 0.6 | — | 0.8 | (0.5) | 0.9 |
| Amounts reclassified from accumulated other comprehensive loss | 0.6 | 0.1 | — | (0.2) | 0.5 |
| Net current-period other comprehensive income (loss) | 1.2 | 0.1 | 0.8 | (0.7) | 1.4 |
| Balance at June 30, 2019 | <u>\$ (86.0)</u> | <u>\$ (2.4)</u> | <u>\$ (8.1)</u> | <u>\$ 0.3</u> | <u>\$ (96.2)</u> |

The following tables summarize the changes in each component of Accumulated other comprehensive loss, net of tax in the six months ended June 30, 2020 and 2019:

| (in millions) ^(a) | Actuarial Losses | Prior Service Costs | Foreign Currency Translation | Unrealized Gain (Loss) on Interest Rate Swaps | Total |
|--|---------------------|---------------------------|------------------------------------|--|------------------|
| Balance at January 1, 2020 | \$ (80.4) | \$ (2.4) | \$ (7.1) | \$ 0.8 | \$ (89.1) |
| Other comprehensive income (loss) before reclassifications | 1.2 | — | (4.9) | (3.4) | (7.1) |
| Amounts reclassified from accumulated other comprehensive loss | 1.4 | 0.1 | — | — | 1.5 |
| Net current-period other comprehensive income (loss) | 2.6 | 0.1 | (4.9) | (3.4) | (5.6) |
| Balance at June 30, 2020 | <u>\$ (77.8)</u> | <u>\$ (2.3)</u> | <u>\$ (12.0)</u> | <u>\$ (2.6)</u> | <u>\$ (94.7)</u> |

| (in millions) ^(a) | Actuarial Losses | Prior Service Costs | Foreign Currency Translation | Unrealized Gain (Loss) on Interest Rate Swaps | Total |
|--|---------------------|---------------------------|------------------------------------|--|------------------|
| Balance at January 1, 2019 | \$ (87.4) | \$ (2.5) | \$ (8.9) | \$ 1.5 | \$ (97.3) |
| Other comprehensive income (loss) before reclassifications | 0.2 | — | 0.8 | (0.7) | 0.3 |
| Amounts reclassified from accumulated other comprehensive loss | 1.2 | 0.1 | — | (0.5) | 0.8 |
| Net current-period other comprehensive income (loss) | 1.4 | 0.1 | 0.8 | (1.2) | 1.1 |
| Balance at June 30, 2019 | <u>\$ (86.0)</u> | <u>\$ (2.4)</u> | <u>\$ (8.1)</u> | <u>\$ 0.3</u> | <u>\$ (96.2)</u> |

(a) Amounts in parentheses indicate losses.

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(Unaudited)

The following table summarizes the amounts reclassified from Accumulated other comprehensive loss, net of tax, in the three months ended June 30, 2020 and 2019 and the affected line item in the Condensed Consolidated Statements of Operations:

| Details about Accumulated Other Comprehensive Loss Components | Amount Reclassified from Accumulated Other Comprehensive Loss | | Affected Line Item in Condensed Consolidated Statements of Operations |
|--|---|----------|---|
| | 2020 | 2019 | |
| (in millions) ^(a) | | | |
| Amortization of actuarial losses of defined benefit pension plans | \$ (0.9) | \$ (0.7) | Other expense (income), net |
| Amortization of prior service costs of defined benefit pension plans | (0.1) | (0.1) | Other expense (income), net |
| Interest rate swaps | (0.1) | 0.3 | Interest expense |
| Total before tax | (1.1) | (0.5) | |
| Income tax benefit | 0.2 | — | Income tax expense |
| Total reclassifications for the period, net of tax | \$ (0.9) | \$ (0.5) | |

(a) Amounts in parentheses indicate losses.

The following table summarizes the amounts reclassified from Accumulated other comprehensive loss, net of tax, in the six months ended June 30, 2020 and 2019 and the affected line item in the Condensed Consolidated Statements of Operations:

| Details about Accumulated Other Comprehensive Loss Components | Amount Reclassified from Accumulated Other Comprehensive Loss | | Affected Line Item in Condensed Consolidated Statements of Operations |
|--|---|----------|---|
| | 2020 | 2019 | |
| (in millions) ^(a) | | | |
| Amortization of actuarial losses of defined benefit pension plans | \$ (1.8) | \$ (1.5) | Other expense (income), net |
| Amortization of prior service costs of defined benefit pension plans | (0.1) | (0.1) | Other expense (income), net |
| Interest rate swaps | — | 0.7 | Interest expense |
| Total before tax | (1.9) | (0.9) | |
| Income tax benefit | 0.4 | 0.1 | Income tax expense |
| Total reclassifications for the period, net of tax | \$ (1.5) | \$ (0.8) | |

(a) Amounts in parentheses indicate losses.

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NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS — (CONTINUED)
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NOTE 11 – SEGMENT INFORMATION

The Company has two reportable segments: the Environmental Solutions Group and the Safety and Security Systems Group. Business units are organized under each reportable segment because they share certain characteristics, such as technology, marketing, distribution and product application, which create long-term synergies.

The following tables summarize the Company's operations by segment, including Net sales, Operating income (loss), and Total assets:

| (in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|-----------------------------------|--------------------------------|-----------------|------------------------------|-----------------|
| | 2020 | 2019 | 2020 | 2019 |
| Net sales: | | | | |
| Environmental Solutions | \$ 214.2 | \$ 267.2 | \$ 447.2 | \$ 486.7 |
| Safety and Security Systems | 55.9 | 57.1 | 109.0 | 111.4 |
| Total net sales | <u>\$ 270.1</u> | <u>\$ 324.3</u> | <u>\$ 556.2</u> | <u>\$ 598.1</u> |
| Operating income (loss): | | | | |
| Environmental Solutions | \$ 28.6 | \$ 44.8 | \$ 58.0 | \$ 70.5 |
| Safety and Security Systems | 10.4 | 9.5 | 17.8 | 18.2 |
| Corporate and eliminations | (7.7) | (8.0) | (12.2) | (16.6) |
| Total operating income | 31.3 | 46.3 | 63.6 | 72.1 |
| Interest expense | 1.8 | 2.0 | 3.3 | 4.0 |
| Other expense (income), net | 2.0 | (0.1) | 2.2 | 0.3 |
| Income before income taxes | <u>\$ 27.5</u> | <u>\$ 44.4</u> | <u>\$ 58.1</u> | <u>\$ 67.8</u> |

| (in millions) | As of | |
|---|-------------------|-------------------|
| | June 30, 2020 | December 31, 2019 |
| Total assets: | | |
| Environmental Solutions | \$ 923.8 | \$ 908.1 |
| Safety and Security Systems | 226.6 | 222.6 |
| Corporate and eliminations | 60.5 | 34.5 |
| Total assets of continuing operations | 1,210.9 | 1,165.2 |
| Total assets of discontinued operations | 0.3 | 0.3 |
| Total assets | <u>\$ 1,211.2</u> | <u>\$ 1,165.5</u> |

NOTE 12 – FAIR VALUE MEASUREMENTS

The Company uses a three-level fair value hierarchy that prioritizes the inputs used to measure fair value. This hierarchy maximizes the use of observable inputs and minimizes the use of unobservable inputs. Observable inputs are developed based on market data obtained from independent sources, while unobservable inputs reflect the Company's assumptions about valuation based on the best information available in the circumstances. The three levels of inputs are classified as follows:

- Level 1 — quoted prices in active markets for identical assets or liabilities;
- Level 2 — observable inputs, other than quoted prices included in Level 1, such as quoted prices for markets that are not active, or other inputs that are observable or can be corroborated by observable market data; and
- Level 3 — unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities, including certain pricing models, discounted cash flow methodologies and similar techniques that use significant unobservable inputs.

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In determining fair value, the Company uses various valuation approaches within the fair value measurement framework. The valuation methodologies used for the Company’s assets and liabilities measured at fair value and their classification in the valuation hierarchy are summarized below:

Cash Equivalents

Cash equivalents primarily consist of time-based deposits and interest-bearing instruments with maturities of three months or less. The Company classified cash equivalents as Level 1 due to the short-term nature of these instruments and measured the fair value based on quoted prices in active markets for identical assets.

Interest Rate Swaps

As described in Note 5 – Debt, the Company may, from time to time, execute interest rate swaps as a means of fixing the floating interest rate component on a portion of its floating-rate debt. The Company classifies its interest rate swaps as Level 2 due to the use of a discounted cash flow model based on the terms of the contract and the interest rate curve (Level 2 inputs) to calculate the fair value of the swaps.

Contingent Consideration

The Company has a contingent obligation to transfer up to \$15.5 million to the former owners of Mark Rite Lines Equipment Company, Inc., a U.S. manufacturer of truck-mounted and ride-on road-marking and line-removal equipment acquired by the Company on July 1, 2019, if specified financial results are met over future reporting periods (i.e., an earn-out). Liabilities for contingent consideration are measured at fair value each reporting period, with the acquisition-date fair value included as part of the consideration transferred. Subsequent changes in fair value are included as a component of Acquisition and integration-related expenses on the Condensed Consolidated Statements of Operations.

The Company uses an income approach to value the contingent consideration obligation based on the present value of risk-adjusted future cash flows under either a scenario-based or option-pricing method, as appropriate. Due to the lack of relevant observable market data over fair value inputs, such as prospective financial information or probabilities of future events as of June 30, 2020, the Company has classified the contingent consideration liability within Level 3 of the fair value hierarchy outlined in ASC 820, *Fair Value Measurements*.

The following table summarizes the Company’s assets and liabilities that are measured at fair value on a recurring basis as of June 30, 2020:

| (in millions) | Fair Value Measurement at Reporting Date Using | | | |
|-------------------------------|--|---------|---------|---------|
| | Level 1 | Level 2 | Level 3 | Total |
| Assets: | | | | |
| Cash equivalents..... | \$ 27.8 | \$ — | \$ — | \$ 27.8 |
| Liabilities: | | | | |
| Contingent consideration..... | — | — | 4.4 | 4.4 |
| Interest rate swap..... | — | 3.5 | — | 3.5 |

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(Unaudited)

The following table provides a roll-forward of the fair value of recurring Level 3 fair value measurements in the three months ended June 30, 2020 and 2019:

| (in millions) | 2020 | 2019 ^(a) |
|--|---------------|---------------------|
| Contingent consideration liability, at April 1 | \$ 4.3 | \$ 7.1 |
| Foreign currency translation | — | 0.1 |
| Total losses included in earnings | 0.1 | 0.4 |
| Contingent consideration liability, at June 30 | <u>\$ 4.4</u> | <u>\$ 7.6</u> |

The following table provides a roll-forward of the fair value of recurring Level 3 fair value measurements in the six months ended June 30, 2020 and 2019:

| (in millions) | 2020 | 2019 ^(a) |
|--|---------------|---------------------|
| Contingent consideration liability, at January 1 | \$ 4.3 | \$ 6.7 |
| Foreign currency translation | — | 0.3 |
| Total losses included in earnings | 0.1 | 0.6 |
| Contingent consideration liability, at June 30 | <u>\$ 4.4</u> | <u>\$ 7.6</u> |

- (a) Activity in the three and six months ended June 30, 2019 relates to a contingent obligation to provide additional consideration to the former owners of Joe Johnson Equipment, Inc. and Joe Johnson Equipment (USA), Inc. based on the achievement of specified financial results over the three-year period following the closing of the acquisition. During the third quarter of 2019, the Company paid \$7.6 million to settle this contingent consideration liability.

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

Management’s Discussion and Analysis of Financial Condition and Results of Operations (“MD&A”) is designed to provide information that is supplemental to, and should be read together with, the condensed consolidated financial statements and the accompanying notes contained in this Form 10-Q, as well as the Company’s Annual Report on Form 10-K for the year ended December 31, 2019. Information in MD&A is intended to assist the reader in obtaining an understanding of (i) the condensed consolidated financial statements, (ii) the Company’s business segments and how the results of those segments impact the Company’s results of operations and financial condition as a whole and (iii) how certain accounting principles affect the Company’s condensed consolidated financial statements. The Company’s results for interim periods should not be regarded as necessarily indicative of results that may be expected for the entire year, which may differ materially due to, among other things, the risk factors described under Part I, Item 1A, *Risk Factors*, of the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, which was filed with the SEC on February 27, 2020, and as updated in Part II, Item 1A, *Risk Factors*, of the Company’s Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2020, which was filed with the SEC on April 29, 2020, and in this Form 10-Q.

Executive Summary

The Company is a leading global manufacturer and supplier of (i) vehicles and equipment for maintenance and infrastructure end-markets, including sewer cleaners, industrial vacuum loaders, vacuum- and hydro-excavation trucks (collectively, “safe-digging trucks”), street sweepers, road-marking and line-removal equipment, waterblasting equipment, dump truck bodies and trailers, and (ii) safety, security and communication equipment, such as lights, sirens and warning systems. In addition, we sell parts and provide service, repair, equipment rentals and training as part of a comprehensive aftermarket offering to our customer base. We operate 15 principal manufacturing facilities in five countries and provide products and integrated solutions to municipal, governmental, industrial and commercial customers in all regions of the world.

As described in Note 11 – Segment Information to the accompanying condensed consolidated financial statements, the Company’s business units are organized in two reportable segments: the Environmental Solutions Group and the Safety and Security Systems Group.

COVID-19 Update

We continue to closely monitor the impact of the coronavirus (“COVID-19”) pandemic on all aspects of our business, including how it is affecting our employees, customers, supply chain and distribution network. In February 2020, we established a cross-functional task force to monitor ongoing developments, implement mitigation plans and centrally coordinate our response to the pandemic. While the pandemic had a limited impact on our first-quarter results, our operating results for the second quarter were more significantly impacted, as described further herein. These factors have adversely affected the comparability of our results for the three and six months ended June 30, 2020 with those in the corresponding periods of the prior year.

Our businesses are considered to be essential in supporting critical infrastructure needs and public safety. While certain of our operations have been affected by temporary facility closures, either due to government-issued mandates or other concerns related to COVID-19, our facilities have remained substantially operational to date. Given that, our primary focus has been on the safety and well-being of our employees. We were proactive in procuring personal protective equipment and sanitizing supplies for our facilities. We also implemented a series of enhanced health and safety measures across the organization, such as reconfiguring work spaces and staggering manufacturing shifts to allow for social distancing, introducing temperature screening protocols, enhancing facility cleaning, limiting non-essential travel and restricting the number of visitors to our facilities. Further, we established remote working arrangements, where possible, supported by the use of virtual meeting capabilities. As many of the government-mandated stay-at-home orders were lifted throughout the course of the second quarter, the majority of our telecommuting employees have gradually returned to the workplace, following our enhanced safety protocols. We also modified our employee attendance policies and provided employees with additional paid time off in order to encourage those who were sick, had health concerns, or were otherwise adversely impacted by the pandemic, to remain at home.

As a result of the combination of these factors and the enactment of the CARES Act, we experienced a decrease in labor availability at several of our facilities during the second quarter. As we had anticipated, this resulted in a variety of challenges in running our operations efficiently, and we adjusted our production schedules, accordingly. We saw similar issues within our supply chain, with certain suppliers temporarily shut down. Our procurement teams have worked diligently with our key suppliers to effectively secure safety stock and manage inventory levels and, in some circumstances, have identified alternate suppliers and in-sourcing opportunities in order to mitigate the impact of supply-chain disruptions on production.

The government-mandated stay-at-home orders and travel and visitor restrictions significantly impacted the Company's sales and marketing activities during the second quarter, with limited ability to attend trade shows and conduct equipment demonstrations and in-person sales meetings. In addition, certain customers were unable to take delivery of equipment given travel restrictions and the limited personnel that they had available. These factors significantly impacted order intake and operating results during the second quarter. However, as the second quarter progressed, many of the government-mandated restrictions that were imposed in states across the U.S. started to ease, albeit at different times, and at different levels. With that, and with sales travel slowly resuming, we have seen a commensurate increase in equipment demonstrations, and have noted sequential improvement in our average weekly order intake in both May and June.

The timing of production and realization of our backlog, which totaled \$332.7 million as of June 30, 2020, may be delayed or otherwise negatively impacted by our ability to continue to run our operations as an essential business during the COVID-19 pandemic and/or to return to our normal production capacity, faced with the ongoing potential for adverse impacts associated with decreased labor availability, the temporary suspension of production activity mandated or otherwise made necessary by governmental authorities, weakened demand, supply chain disruptions, or other production delays. Such factors have adversely affected the comparability of our operating and financial results during the second quarter and may continue to impact comparability in subsequent quarters. We are responding accordingly, taking steps to manage through these times, including implementing measures to reduce costs and manage our capital prudently. At the same time, we are maintaining our focus on our eighty-twenty improvement initiatives.

In an effort to mitigate the financial statement impact of these pandemic-related operational challenges, we implemented the following cost-saving actions:

- Temporary salary reductions ranging from 20% to 25% during the second quarter for approximately 60 members of the Company's enterprise leadership team, including executive officers;
- Temporary reduction in Board of Directors fees ranging from 22.5% to 25% during the second quarter;
- Roll-back of 2020 merit-based salary increases for most domestic salaried employees, effective in the third quarter;
- Temporary furloughs of approximately 400 employees, primarily within the second quarter;
- Permanent reductions in force impacting approximately 200 employees; and
- Limited discretionary spending, primarily within Selling, engineering, general and administrative ("SEG&A") expenses, including travel and entertainment expenses.

We are continuing to approach the uncertainty and challenges with resolve and from a position of strength given our current financial position, which has improved further since the end of the first quarter. As of June 30, 2020, we had \$73.6 million of cash and cash equivalents and \$244.9 million of availability for borrowings under our five-year revolving credit facility, which we executed in July 2019.

However, the overall magnitude of the impact of the pandemic on our operating and financial results remains uncertain and will largely depend on the duration of the pandemic and the measures implemented in response, as well as the effect on our customers. Given these factors, we are unable to reliably forecast the effect that the pandemic will have on our financial condition, results of operations or cash flows, which could be material.

Operating Results

Net sales decreased by \$54.2 million, or 17%, in the three months ended June 30, 2020 as compared to the prior-year quarter. Our Environmental Solutions Group reported a net sales decrease of \$53.0 million, or 20%, primarily due to decreases in shipments of safe-digging trucks, sewer cleaners, street sweepers, dump truck bodies, industrial vacuum loaders, waterblasting equipment, trailers, and refuse trucks of \$21.2 million, \$12.5 million, \$6.9 million, \$4.4 million, \$4.4 million, \$2.4 million, \$1.6 million, and \$1.5 million, respectively, and an unfavorable foreign currency translation impact of \$1.2 million. In addition, aftermarket revenues decreased by \$9.2 million. Partially offsetting these reductions was a \$13.2 million increase in shipments of road-marking and line-removal equipment, associated with the acquisition of Mark Rite Lines Equipment Company, Inc. ("MRL"), which was completed in the third quarter of 2019. Within our Safety and Security Systems Group, net sales decreased by \$1.2 million, or 2%, primarily due to lower sales of industrial signaling equipment and unfavorable foreign currency translation effects, partially offset by improvements in sales of public safety equipment and warning systems.

For the six months ended June 30, 2020, net sales decreased by \$41.9 million, or 7%, as compared to the corresponding period of the prior year. Within our Environmental Solutions Group, net sales decreased by \$39.5 million, or 8%, largely due to decreases in shipments of safe-digging trucks, sewer cleaners, street sweepers, waterblasting equipment, trailers, industrial vacuum loaders, refuse trucks, and snow removal trucks of \$18.3 million, \$12.2 million, \$5.6 million, \$5.4 million, \$3.9 million, \$3.4 million, \$2.5 million, and \$2.4 million, respectively, and an unfavorable foreign currency translation impact of \$1.6 million. In addition, aftermarket revenues decreased by \$4.9 million. Partially offsetting these reductions was a \$21.2 million increase in shipments of road-marking and line-removal equipment. In our Safety and Security Systems Group, net sales decreased by \$2.4 million, or 2%, primarily due to lower sales of industrial signaling equipment and unfavorable foreign currency translation effects, partially offset by higher sales of public safety equipment.

Operating income decreased by \$15.0 million, or 32%, to \$31.3 million in the three months ended June 30, 2020 as compared to the prior-year quarter, primarily driven by a \$16.2 million reduction within our Environmental Solutions Group, partially offset by a \$0.9 million increase in operating income within our Safety and Security Systems Group and a \$0.3 million reduction in Corporate expenses. Consolidated operating margin for the three months ended June 30, 2020 was 11.6%, compared to 14.3% in the prior-year quarter.

For the six months ended June 30, 2020, operating income decreased by \$8.5 million, or 12%, as compared to the corresponding period of the prior year. Within our Environmental Solutions Group, operating income for the six months ended June 30, 2020 decreased by \$12.5 million. Within our Safety and Security Systems Group, operating income in the six months ended June 30, 2020 decreased by \$0.4 million, while Corporate expenses decreased by \$4.4 million. Consolidated operating margin for the six months ended June 30, 2020 was 11.4%, compared to 12.1% in the prior-year period.

Income before income taxes for the three months ended June 30, 2020 decreased by \$16.9 million, or 38%, compared to the prior-year quarter. The decrease resulted from the reduced operating income and a \$2.1 million increase in other expense, partially offset by a \$0.2 million reduction in interest expense.

For the six months ended June 30, 2020, income before income taxes decreased by \$9.7 million, or 14%, compared to the prior-year period. The decrease resulted from the reduced operating income and a \$1.9 million increase in other expense, partially offset by a \$0.7 million reduction in interest expense.

Net income for the three months ended June 30, 2020 decreased by \$11.4 million compared to the prior-year period, largely due to the aforementioned decrease in income before income taxes, partially offset by a \$5.5 million reduction in income tax expense. For the six months ended June 30, 2020, net income decreased by \$5.5 million compared to the corresponding period of the prior year, largely due to the aforementioned decrease in income before income taxes, partially offset by a \$4.2 million reduction in income tax expense. The decrease in income tax expense in both periods was primarily due to lower pre-tax income levels, and the recognition of excess tax benefits from stock compensation activity, which lowered the effective tax rate for the three and six months ended June 30, 2020 to 22.2% and 22.9%, respectively. We currently expect our full-year effective tax rate to be approximately 25%.

Total orders for the three months ended June 30, 2020 were \$201.3 million, a decrease of \$106.7 million, or 35%, as compared to the prior-year quarter. Our Environmental Solutions Group reported total orders of \$157.7 million in the three months ended June 30, 2020, a decrease of \$95.5 million, or 38% in comparison to the prior-year quarter. Orders in the three months ended June 30, 2020 within our Safety and Security Systems Group were \$43.6 million, a reduction of \$11.2 million, or 20%, compared to the prior-year quarter.

Total orders for the six months ended June 30, 2020 were \$505.2 million, a decrease of \$101.8 million, or 35%, as compared to the prior-year period. Our Environmental Solutions Group reported total orders of \$395.2 million in the first half of 2020, down \$101.7 million, or 20% in comparison to the prior-year period. Orders in the six months ended June 30, 2020 within our Safety and Security Systems Group were \$110.0 million, essentially flat compared to the first half of 2019.

Our consolidated backlog at June 30, 2020 was \$332.7 million, a decrease of \$15.0 million, or 4%, compared to the end of the prior-year quarter. The decrease was primarily due to a \$19.3 million reduction in backlog within the Environmental Solutions Group, largely due to reduced demand for industrial vacuum loaders, safe-digging equipment, and sewer cleaners, partially offset by higher orders for road-marking and line-removal equipment and refuse trucks. Backlog within the Safety and Security Systems Group improved by \$4.3 million, with the improvement largely due to higher global demand for public safety equipment.

Results of Operations

The following table summarizes our Condensed Consolidated Statements of Operations and illustrates the key financial indicators used to assess our consolidated financial results:

| (\$ in millions, except per share data) | Three Months Ended June 30, | | | Six Months Ended June 30, | | |
|---|-----------------------------|----------------|------------------|---------------------------|----------------|-----------------|
| | 2020 | 2019 | Change | 2020 | 2019 | Change |
| Net sales | \$ 270.1 | \$ 324.3 | \$ (54.2) | \$ 556.2 | \$ 598.1 | \$ (41.9) |
| Cost of sales | 199.8 | 235.3 | (35.5) | 411.1 | 438.8 | (27.7) |
| Gross profit | 70.3 | 89.0 | (18.7) | 145.1 | 159.3 | (14.2) |
| Selling, engineering, general and administrative expenses | 37.4 | 41.8 | (4.4) | 79.6 | 85.7 | (6.1) |
| Acquisition and integration-related expenses | 0.3 | 0.9 | (0.6) | 0.6 | 1.5 | (0.9) |
| Restructuring | 1.3 | — | 1.3 | 1.3 | — | 1.3 |
| Operating income | 31.3 | 46.3 | (15.0) | 63.6 | 72.1 | (8.5) |
| Interest expense | 1.8 | 2.0 | (0.2) | 3.3 | 4.0 | (0.7) |
| Other expense (income), net | 2.0 | (0.1) | 2.1 | 2.2 | 0.3 | 1.9 |
| Income before income taxes | 27.5 | 44.4 | (16.9) | 58.1 | 67.8 | (9.7) |
| Income tax expense | 6.1 | 11.6 | (5.5) | 13.3 | 17.5 | (4.2) |
| Net income | <u>\$ 21.4</u> | <u>\$ 32.8</u> | <u>\$ (11.4)</u> | <u>\$ 44.8</u> | <u>\$ 50.3</u> | <u>\$ (5.5)</u> |
| Operating data: | | | | | | |
| Operating margin | 11.6 % | 14.3 % | (2.7)% | 11.4 % | 12.1 % | (0.7)% |
| Diluted earnings per share | \$ 0.35 | \$ 0.54 | \$ (0.19) | \$ 0.73 | \$ 0.82 | \$ (0.09) |
| Total orders | 201.3 | 308.0 | (106.7) | 505.2 | 607.0 | (101.8) |
| Backlog | 332.7 | 347.7 | (15.0) | 332.7 | 347.7 | (15.0) |
| Depreciation and amortization | 11.1 | 9.8 | 1.3 | 21.9 | 19.3 | 2.6 |

Net sales

Net sales decreased by \$54.2 million, or 17%, in the three months ended June 30, 2020 as compared to the prior-year quarter. The Environmental Solutions Group reported a net sales decrease of \$53.0 million, or 20%, primarily due to decreases in shipments of safe-digging trucks, sewer cleaners, street sweepers, dump truck bodies, industrial vacuum loaders, waterblasting equipment, trailers, and refuse trucks of \$21.2 million, \$12.5 million, \$6.9 million, \$4.4 million, \$4.4 million, \$2.4 million, \$1.6 million, and \$1.5 million, respectively, and an unfavorable foreign currency translation impact of \$1.2 million. In addition, aftermarket revenues decreased by \$9.2 million. Partially offsetting these reductions was a \$13.2 million increase in shipments of road-marking and line-removal equipment. Within the Safety and Security Systems Group, net sales decreased by \$1.2 million, or 2%, primarily due to lower sales of industrial signaling equipment and unfavorable foreign currency translation effects, partially offset by improvements in sales of public safety equipment and warning systems.

For the six months ended June 30, 2020, net sales decreased by \$41.9 million, or 7%, as compared to the corresponding period of the prior year. Within the Environmental Solutions Group, net sales decreased by \$39.5 million, or 8%, largely due to decreases in shipments of safe-digging trucks, sewer cleaners, street sweepers, waterblasting equipment, trailers, industrial vacuum loaders, refuse trucks, and snow removal trucks of \$18.3 million, \$12.2 million, \$5.6 million, \$5.4 million, \$3.9 million, \$3.4 million, \$2.5 million, and \$2.4 million, respectively, and an unfavorable foreign currency translation impact of \$1.6 million. In addition, aftermarket revenues decreased by \$4.9 million. Partially offsetting these reductions was a \$21.2 million increase in shipments of road-marking and line-removal equipment. In the Safety and Security Systems Group, net sales decreased by \$2.4 million, or 2%, primarily due to lower sales of industrial signaling equipment and unfavorable foreign currency translation effects, partially offset by higher sales of public safety equipment.

Cost of sales

Cost of sales decreased by \$35.5 million, or 15%, for the three months ended June 30, 2020 compared to the prior-year quarter, largely due to a decrease of \$35.0 million, or 17%, within the Environmental Solutions Group, primarily attributable to lower sales volumes, partially offset by the recognition of additional cost of sales from the MRL acquisition, and a \$0.9 million increase in depreciation expense.

For the six months ended June 30, 2020, cost of sales decreased by \$27.7 million, or 6%, largely due to an decrease of \$27.2 million, or 7%, within the Environmental Solutions Group, primarily attributable to lower sales volumes, partially offset by the recognition of additional cost of sales from the MRL acquisition, and a \$1.9 million increase in depreciation expense.

Gross profit

Gross profit decreased by \$18.7 million, or 21%, for the three months ended June 30, 2020, compared to the prior-year quarter, primarily due to reductions of \$18.0 million and \$0.7 million within the Environmental Solutions Group and the Safety and Security Systems Group, respectively. Gross margin for the three months ended June 30, 2020 was 26.0%, compared to 27.4% in the prior-year quarter, primarily driven by a 230 basis point reduction within the Environmental Solutions Group, which was largely due to lower sales volumes, unfavorable sales mix and reduced operating leverage.

For the six months ended June 30, 2020, gross profit decreased by \$14.2 million, or 9%, primarily due to reductions of \$12.3 million and \$1.9 million within the Environmental Solutions Group and the Safety and Security Systems Group, respectively. Gross margin for the six months ended June 30, 2020 was 26.1%, compared to 26.6% in the prior-year period, primarily driven by reductions within the Safety and Security Group and Environmental Solutions Group of 80 basis points and 70 basis points, respectively.

Selling, engineering, general and administrative expenses

SEG&A expenses for the three months ended June 30, 2020 decreased by \$4.4 million, or 11%, primarily due to a reduction in SEG&A expenses within the Environmental Solutions Group, the Safety and Security Systems Group, and Corporate of \$2.0 million, \$1.9 million, and \$0.5 million, respectively. Such reductions were due, in part, to cost-saving actions implemented in response to the COVID-19 pandemic. As a percentage of net sales, SEG&A expenses were 13.8% in the current-year quarter, compared to 12.9% in the prior-year quarter.

For the six months ended June 30, 2020, SEG&A expenses decreased by \$6.1 million, or 7%, primarily due to reductions within Corporate and the Safety and Security Systems Group of \$4.6 million and \$1.8 million, respectively, partially offset by an increase of \$0.3 million within the Environmental Solutions Group. As a percentage of net sales, SEG&A expenses in the current-year period were 14.3%, unchanged from the prior-year period.

Operating income

Operating income decreased by \$15.0 million, or 32%, to \$31.3 million in the three months ended June 30, 2020 as compared to the prior-year quarter, primarily driven by a \$16.2 million reduction within the Environmental Solutions Group, partially offset by a \$0.9 million increase in operating income within the Safety and Security Systems Group and a \$0.3 million reduction in Corporate expenses. Consolidated operating margin for the three months ended June 30, 2020 was 11.6%, compared to 14.3% in the prior-year quarter.

For the six months ended June 30, 2020, operating income decreased by \$8.5 million, or 12%, as compared to the corresponding period of the prior year. Within the Environmental Solutions Group, operating income for the six months ended June 30, 2020 decreased by \$12.5 million. Within the Safety and Security Systems Group, operating income in the six months ended June 30, 2020 decreased by \$0.4 million, while Corporate expenses decreased by \$4.4 million. Consolidated operating margin for the six months ended June 30, 2020 was 11.4%, compared to 12.1% in the prior-year period.

Interest expense

Interest expense for the three and six months ended June 30, 2020 decreased by \$0.2 million and \$0.7 million, respectively, in comparison to the corresponding periods in the prior year. The reductions in both periods were largely due to lower interest rates when compared to the prior-year periods.

Other expense (income), net

For the three months ended June 30, 2020, other expense totaled \$2.0 million, whereas in the prior-year quarter, other income of \$0.1 million was realized. The increase in expense in the current-year quarter was primarily due to the recognition of a \$2.5 million charge associated with the withdrawal from a multi-employer pension plan.

For the six months ended June 30, 2020, other expense totaled \$2.2 million, compared to \$0.3 million in the prior-year period, with the increase largely due to the recognition of the aforementioned charge associated with the withdrawal from the multi-employer pension plan.

Income tax expense

The Company recognized income tax expense of \$6.1 million and \$11.6 million for the three months ended June 30, 2020 and 2019, respectively. The decrease in tax expense in the current-year quarter was largely due to lower pre-tax income levels, and the recognition of a \$1.1 million excess tax benefit from stock compensation activity. The Company's effective tax rate for the three months ended June 30, 2020 was 22.2%, compared to 26.1% in the prior-year quarter.

For the six months ended June 30, 2020, the Company recognized income tax expense of \$13.3 million and \$17.5 million, respectively. The decrease in tax expense in the current year was largely due to lower pre-tax income levels, and the recognition of excess tax benefits from stock compensation activity of \$1.8 million. The Company's effective tax rate for the six months ended June 30, 2020 was 22.9%, compared to 25.8% in the prior-year period.

Net income

Net income for the three months ended June 30, 2020 decreased by \$11.4 million compared to the prior-year period, largely due to the aforementioned reduction in operating income and the \$2.1 million increase in other expense, partially offset by the \$0.2 million reduction in interest expense, and the \$5.5 million decrease in income tax expense.

For the six months ended June 30, 2020, net income decreased by \$5.5 million compared to the corresponding period of the prior year, largely due to the aforementioned reduction in operating income and the \$1.9 million increase in other expense, partially offset by the \$0.7 million reduction in interest expense, and the \$4.2 million decrease in income tax expense.

Environmental Solutions

The following table summarizes the Environmental Solutions Group's operating results as of and for the three and six months ended June 30, 2020 and 2019:

| (\$ in millions) | Three Months Ended June 30, | | | Six Months Ended June 30, | | |
|-------------------------------------|-----------------------------|----------|-----------|---------------------------|----------|------------|
| | 2020 | 2019 | Change | 2020 | 2019 | Change |
| Net sales | \$ 214.2 | \$ 267.2 | \$ (53.0) | \$ 447.2 | \$ 486.7 | \$ (39.5) |
| Operating income | 28.6 | 44.8 | (16.2) | 58.0 | 70.5 | (12.5) |
| Operating data: | | | | | | |
| Operating margin | 13.4 % | 16.8 % | (3.4)% | 13.0 % | 14.5 % | (1.5)% |
| Total orders | \$ 157.7 | \$ 253.2 | \$ (95.5) | \$ 395.2 | \$ 496.9 | \$ (101.7) |
| Backlog | 302.7 | 322.0 | (19.3) | 302.7 | 322.0 | (19.3) |
| Depreciation and amortization | 10.2 | 8.9 | 1.3 | 20.2 | 17.5 | 2.7 |

Three Months Ended June 30, 2020 vs. three months ended June 30, 2019

Total orders decreased by \$95.5 million, or 38%, for the three months ended June 30, 2020. U.S. orders decreased by \$78.1 million, or 39%, primarily due to reductions in orders for sewer cleaners, safe-digging trucks, dump truck bodies, industrial vacuum loaders, and street sweepers of \$22.6 million, \$21.5 million, \$18.1 million, \$8.1 million, and \$7.1 million, respectively. In addition, aftermarket demand decreased by \$3.1 million. Partially offsetting these reductions was a \$7.2 million increase in orders for road-marking and line-removal equipment. Non-U.S. orders decreased by \$17.4 million, or 32%, primarily due to decreases in orders for refuse trucks, safe-digging trucks, and sewer cleaners of \$6.5 million, \$4.3 million, and \$2.8 million, respectively, and an unfavorable foreign currency translation impact of \$0.9 million. In addition, aftermarket demand decreased by \$3.7 million. Partially offsetting these reductions was a \$1.1 million increase in orders for road-marking and line-removal equipment.

Net sales decreased by \$53.0 million, or 20%, for the three months ended June 30, 2020. U.S. sales decreased by \$36.3 million, or 17%, largely due to decreases in shipments of safe-digging trucks, sewer cleaners, street sweepers, dump truck bodies, industrial vacuum loaders, trailers, and waterblasting equipment of \$16.7 million, \$9.9 million, \$6.0 million, \$4.7 million, \$4.4 million, \$1.6 million, and \$1.1 million, respectively. In addition, aftermarket revenues decreased by \$3.3 million. Partially offsetting these reductions was a \$12.4 million increase in shipments of road-marking and line-removal equipment. Non-U.S. sales decreased by \$16.7 million, or 30%, primarily due to decreases in sales of safe-digging trucks, sewer cleaners, waterblasting equipment, street sweepers, and refuse trucks of \$4.5 million, \$2.6 million, \$1.3 million, \$0.9 million, and \$0.8 million, respectively, and an unfavorable foreign currency translation impact of \$1.2 million. In addition, aftermarket demand decreased by \$5.9 million.

Cost of sales decreased by \$35.0 million, or 17%, for the three months ended June 30, 2020, primarily attributable to lower sales volumes and a favorable foreign currency translation impact of \$1.1 million, partially offset by the recognition of additional cost of sales from the MRL acquisition, and a \$0.9 million increase in depreciation expense. Gross margin for the three months ended June 30, 2020 was 22.7%, compared to 25.0% in the prior-year quarter, with the decrease primarily attributable to lower sales volumes, unfavorable sales mix and a reduction in operating leverage.

SEG&A expenses decreased by \$2.0 million for the three months ended June 30, 2020, primarily due to cost-saving actions implemented in response to the COVID-19 pandemic, partially offset by the addition of expenses of businesses acquired in the prior year and a \$0.4 million increase in amortization expense. As a percentage of net sales, SEG&A expenses were 9.0% in the current-year quarter, compared to 8.0% in the prior-year quarter.

Operating income for the three months ended June 30, 2020 decreased by \$16.2 million, largely due to a \$18.0 million reduction in gross profit and the recognition of \$0.7 million of restructuring charges, partially offset by the \$2.0 million reduction in SEG&A expenses and a \$0.5 million decrease in acquisition-related expenses.

Six months ended June 30, 2020 vs. six months ended June 30, 2019

Total orders decreased by \$101.7 million, or 20%, for the six months ended June 30, 2020. U.S. orders decreased by \$74.4 million, or 19%, primarily due to reductions in orders for safe-digging trucks, sewer cleaners, industrial vacuum loaders, dump truck bodies, street sweepers, and waterblasting equipment of \$35.8 million, \$26.0 million, \$17.1 million, \$10.3 million, \$4.5 million, and \$3.1 million, respectively. Partially offsetting these reductions was a \$18.2 million increase in orders for road-marking and line-removal equipment, a \$5.2 million increase in orders for trailers, and a \$2.1 million improvement in aftermarket demand. Non-U.S. orders decreased by \$27.3 million, or 26%, primarily due to decreases in orders for safe-digging trucks, sewer cleaners, refuse trucks, and waterblasting equipment of \$8.6 million, \$4.6 million, \$3.4 million, and \$1.7 million, respectively, and an unfavorable foreign currency translation impact of \$1.1 million. In addition, aftermarket demand decreased by \$6.0 million. Partially offsetting these reductions was a \$1.6 million increase in orders for road-marking and line-removal equipment.

Net sales decreased by \$39.5 million, or 8%, for the six months ended June 30, 2020. U.S. sales decreased by \$14.8 million, or 4%, largely due to decreases in shipments of safe-digging trucks, street sweepers, sewer cleaners, trailers, waterblasting equipment, industrial vacuum loaders, and dump truck bodies of \$10.6 million, \$7.4 million, \$5.5 million, \$3.9 million, \$3.6 million, \$3.4 million, and \$1.4 million, respectively. Partially offsetting these reductions was a \$20.3 million increase in shipments of road-marking and line-removal equipment, and a \$1.1 million improvement in aftermarket revenues. Non-U.S. sales decreased by \$24.7 million, or 24%, primarily due to decreases in sales of safe-digging trucks, sewer cleaners, snow removal trucks, refuse trucks, and waterblasting equipment of \$7.7 million, \$6.7 million, \$1.9 million, \$1.8 million, and \$1.8 million respectively, and an unfavorable foreign currency translation impact of \$1.6 million. In addition, aftermarket demand decreased by \$6.0 million. Partially offsetting these reductions were increases in shipments of street sweepers and road-marking and line-removal equipment of \$1.8 million, and \$0.9 million, respectively.

Cost of sales decreased by \$27.2 million, or 7%, for the six months ended June 30, 2020, primarily attributable to lower sales volumes and a favorable foreign currency translation impact of \$1.5 million, partially offset by the recognition of additional cost of sales from the MRL acquisition, and a \$1.9 million increase in depreciation expense. Gross margin for the six months ended June 30, 2020 was 23.1%, compared to 23.8% in the prior-year period, with the decrease primarily attributable to lower sales volumes, unfavorable sales mix and a reduction in operating leverage.

SEG&A expenses increased by \$0.3 million for the six months ended June 30, 2020, primarily due to the addition of expenses of businesses acquired in the prior year and a \$0.8 million increase in amortization expense, partially offset by cost saving actions implemented in response to the COVID-19 pandemic. As a percentage of net sales, SEG&A expenses were 10.0% in the current-year period, compared to 9.1% in the prior-year period.

Operating income for the six months ended June 30, 2020 decreased by \$12.5 million, largely due to a \$12.3 million reduction in gross profit, the \$0.3 million increase in SEG&A expenses, and the recognition of \$0.7 million of restructuring charges, partially offset by a \$0.8 million decrease in acquisition-related expenses.

Backlog was \$302.7 million at June 30, 2020, compared to \$322.0 million at June 30, 2019. The decrease was largely due to reduced demand for industrial vacuum loaders, safe-digging equipment, and sewer cleaners, partially offset by higher orders for road-marking and line-removal equipment and refuse trucks.

Safety and Security Systems

The following table summarizes the Safety and Security Systems Group's operating results as of and for the three and six months ended June 30, 2020 and 2019:

| (\$ in millions) | Three Months Ended June 30, | | | Six Months Ended June 30, | | |
|-------------------------------|-----------------------------|---------|-----------|---------------------------|----------|----------|
| | 2020 | 2019 | Change | 2020 | 2019 | Change |
| Net sales | \$ 55.9 | \$ 57.1 | \$ (1.2) | \$ 109.0 | \$ 111.4 | \$ (2.4) |
| Operating income | 10.4 | 9.5 | 0.9 | 17.8 | 18.2 | (0.4) |
| Operating data: | | | | | | |
| Operating margin | 18.6 % | 16.6 % | 2.0 % | 16.3 % | 16.3 % | — % |
| Total orders | \$ 43.6 | \$ 54.8 | \$ (11.2) | \$ 110.0 | \$ 110.1 | \$ (0.1) |
| Backlog | 30.0 | 25.7 | 4.3 | 30.0 | 25.7 | 4.3 |
| Depreciation and amortization | 0.9 | 0.8 | 0.1 | 1.7 | 1.7 | — |

Three Months Ended June 30, 2020 vs. three months ended June 30, 2019

Total orders for the three months ended June 30, 2020 decreased by \$11.2 million, or 20%, compared with the prior-year quarter. U.S. orders decreased by \$3.8 million, primarily due to reductions in orders for public safety equipment and industrial signaling equipment of \$2.8 million and \$2.7 million, respectively, partially offset by a \$1.7 million improvement in orders for warning systems. Non-U.S. orders decreased by \$7.4 million, largely due to reductions in orders for public safety equipment, warning systems, and industrial signaling equipment of \$5.2 million, \$1.1 million, and \$0.7 million respectively, and an unfavorable foreign currency translation impact of \$0.4 million.

Net sales decreased by \$1.2 million, or 2%, for the three months ended June 30, 2020. U.S. sales decreased by \$4.9 million, primarily driven by reductions in sales of public safety equipment and industrial signaling equipment of \$3.2 million and \$2.8 million, respectively, partially offset by a \$1.1 million increase in sales of warning systems. Non-U.S. sales increased by \$3.7 million, largely due to a \$5.2 million increase in sales of public safety equipment, partially offset by a \$1.1 million reduction in sales of industrial signaling equipment and an unfavorable foreign currency translation impact of \$0.5 million.

Cost of sales decreased by \$0.5 million for the three months ended June 30, 2020, primarily related to lower sales volumes and a favorable foreign currency translation impact of \$0.4 million, partially offset by unfavorable sales mix. Gross margin for the three months ended June 30, 2020 was 38.6%, compared to 39.1% in the prior-year quarter.

SEG&A expenses for the three months ended June 30, 2020 decreased by \$1.9 million, or 15%, in comparison to the prior-year quarter, primarily as a result of cost-saving actions implemented in response to the COVID-19 pandemic. As a percentage of net sales, SEG&A expenses decreased from 22.4% in the prior-year quarter, to 19.5% in the current-year quarter.

Operating income increased by \$0.9 million, or 9%, for the three months ended June 30, 2020. The improvement was primarily attributable to the \$1.9 million reduction in SEG&A expenses, partially offset by the \$0.7 million reduction in gross profit and restructuring charges of \$0.3 million.

Six months ended June 30, 2020 vs. six months ended June 30, 2019

Total orders for the six months ended June 30, 2020 of \$110.0 million were essentially unchanged from the prior-year period. U.S. orders decreased by \$2.1 million, primarily due to reductions in orders for industrial signaling equipment and public safety equipment of \$4.1 million and \$1.5 million, respectively, partially offset by a \$3.5 million improvement in orders for warning systems. Non-U.S. orders increased by \$2.0 million, largely due to a \$4.0 million improvement in orders for public safety equipment, partially offset by reductions in orders for industrial signaling equipment and warning systems of \$0.6 million and \$0.4 million, respectively, and an unfavorable foreign currency translation impact of \$1.0 million.

Net sales decreased by \$2.4 million, or 2%, for the six months ended June 30, 2020. U.S. sales decreased by \$6.5 million, primarily driven by reductions in sales of public safety equipment and industrial signaling equipment of \$4.1 million and \$3.3 million, respectively, partially offset by a \$0.9 million increase in sales of warning systems. Non-U.S. sales increased by \$4.1 million, largely due to a \$5.7 million increase in sales of public safety equipment, partially offset by a \$0.8 million reduction in sales of warning systems and an unfavorable foreign currency translation impact of \$0.9 million.

Cost of sales decreased by \$0.5 million, or 1%, for the six months ended June 30, 2020, primarily related to lower sales volumes and a favorable foreign currency translation impact of \$0.7 million, partially offset by unfavorable sales mix. Gross margin for the six months ended June 30, 2020 was 38.2%, compared to 39.0% in the prior-year period.

SEG&A expenses for the six months ended June 30, 2020 decreased by \$1.8 million, or 7%, in comparison to the prior-year period, primarily as a result of cost-saving actions implemented in response to the COVID-19 pandemic. As a percentage of net sales, SEG&A expenses decreased from 22.7% in the prior-year period, to 21.6% in the current-year period.

Operating income decreased by \$0.4 million, or 2%, for the six months ended June 30, 2020. The decrease was primarily attributable to the \$1.9 million reduction in gross profit and restructuring charges of \$0.3 million, partially offset by the \$1.8 million reduction in SEG&A expenses.

Backlog was \$30.0 million at June 30, 2020, compared to \$25.7 million at June 30, 2019, with the improvement largely due to higher global demand for public safety equipment.

Corporate Expenses

Corporate operating expenses for the three months ended June 30, 2020 were \$7.7 million, down from \$8.0 million in the prior-year quarter. The \$0.3 million decrease was primarily due to lower employee costs, inclusive of cost-saving actions implemented in response to the COVID-19 pandemic, as well as reduced incentive-based compensation expense, partially offset by higher post-employment expenses and \$0.3 million of restructuring charges.

Corporate operating expenses for the six months ended June 30, 2020 were \$12.2 million, down from \$16.6 million in the prior-year quarter. The \$4.4 million decrease was primarily due to reductions in post-employment expenses, incentive-based compensation costs and employee costs.

Seasonality of Company's Business

Certain of the Company's businesses are susceptible to the influences of seasonal factors, including buying patterns, delivery patterns and productivity influences from holiday periods and weather. In general, the Company tends to have lower equipment sales in the first calendar quarter of each year compared to other quarters as a result of these factors. In addition, rental income and parts sales are generally higher in the second and third quarters of the year, because many of the Company's products are used for maintenance activities in North America, where usage is typically lower during periods of harsher weather conditions. Due to the potential for adverse impacts associated with the current COVID-19 pandemic, the Company's results in 2020 may not reflect the same seasonal trends as in prior years.

Financial Condition, Liquidity and Capital Resources

The Company uses its cash flow from operations to fund growth and to make capital investments that sustain its operations, reduce costs, or both. Beyond these uses, remaining cash is used to pay down debt, repurchase shares, fund dividend payments and make pension contributions. The Company may also choose to invest in the acquisition of businesses. In the absence of significant unanticipated cash demands, we believe that the Company's existing cash balances, cash flow from operations and borrowings available under the 2019 Credit Agreement will provide funds sufficient for these purposes. As of June 30, 2020, there was \$243.9 million of cash drawn and \$11.2 million of undrawn letters of credit under the 2019 Credit Agreement, with \$244.9 million of availability for borrowings. However, as described in Part II, Item 1A, *Risk Factors*, the current COVID-19 pandemic may materially adversely affect the Company's business, financial condition and operating results, including its cash flows. The net cash flows associated with the Company's rental equipment transactions are included in cash flow from operating activities.

The Company's cash and cash equivalents totaled \$73.6 million and \$31.6 million as of June 30, 2020 and December 31, 2019, respectively. As of June 30, 2020, \$23.2 million of cash and cash equivalents was held by foreign subsidiaries. Cash and cash equivalents held by subsidiaries outside the U.S. typically are held in the currency of the country in which it is located. The Company uses this cash to fund the operating activities of its foreign subsidiaries and for further investment in foreign operations. Generally, the Company has considered such cash to be permanently reinvested in its foreign operations and the Company's current plans do not demonstrate a need to repatriate such cash to fund U.S. operations. However, in the event that these funds are needed to fund U.S. operations or to satisfy U.S. obligations, they generally could be repatriated. The repatriation of these funds may cause the Company to incur additional U.S. income tax expense, dependent on income tax laws and other circumstances at the time any such amounts are repatriated.

Net cash of \$65.0 million was provided by operating activities in the six months ended June 30, 2020, compared to \$25.8 million in the prior-year period. The year-over-year improvement in operating cash flow was primarily due to working capital timing differences, inclusive of actions taken to preserve short-term liquidity in response to the COVID-19 pandemic, lower rental fleet investment in comparison to the prior year, and deferrals of certain payments in the current year as outlined in the CARES Act. Such deferrals included \$3.3 million of federal income tax payments and \$2.3 million of payroll tax payments, which would have otherwise been paid during the second quarter, but were deferred to subsequent periods, in accordance with the provisions of the CARES Act.

Net cash of \$21.2 million was used for investing activities in the six months ended June 30, 2020, compared to \$9.4 million in the prior-year period. Capital expenditures in the six months ended June 30, 2020 and 2019 were \$16.3 million and \$9.4 million, respectively, with the increase largely related to the ongoing plant expansions at our Vactor and Rugby facilities. During the six months ended June 30, 2020, the Company also paid \$6.2 million to acquire certain assets and operations of Public Works Equipment and Supply, Inc. and received \$0.8 million as part of the finalization of certain post-closing adjustments in connection with the acquisition of MRL.

Net cash of \$1.5 million was used for financing activities in the six months ended June 30, 2020, compared to \$15.4 million in the prior-year period. In the six months ended June 30, 2020, the Company borrowed \$27.7 million against its revolving credit facility, primarily to bolster the Company's cash position in the short-term in light of the current uncertainty relating to the COVID-19 pandemic. The Company also funded cash dividends and share repurchases of \$9.7 million and \$13.5 million, respectively, and redeemed \$6.6 million of stock in order to remit funds to tax authorities to satisfy employees' tax withholdings following the vesting of stock-based compensation. In the six months ended June 30, 2019, the Company paid down \$3.1 million of debt, funded cash dividends and share repurchases of \$9.6 million and \$1.0 million, respectively, and redeemed \$1.6 million of stock in order to remit funds to tax authorities to satisfy employees' tax withholdings following the vesting of stock-based compensation.

The Company is subject to certain net leverage ratio and interest coverage ratio financial covenants under the 2019 Credit Agreement that are to be measured at each fiscal quarter-end. The Company was in compliance with all such covenants as of June 30, 2020.

The Company currently anticipates that capital expenditures for 2020, including investments associated with its ongoing plant expansions, will be in the range of \$30 million to \$35 million. While this range reflects the Company's decision to temporarily delay certain non-essential capital expenditures, actual capital expenditures for 2020 may differ materially depending on the duration and severity of the COVID-19 pandemic and its resulting impact on the Company's liquidity.

Contractual Obligations and Off-Balance Sheet Arrangements

During the six months ended June 30, 2020, there have been no material changes in the Company's contractual obligations and off-balance sheet arrangements as described in Item 7, *Management's Discussion and Analysis of Financial Condition and Results of Operations*, of the Company's Annual Report on Form 10-K for the year ended December 31, 2019.

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

See Item 7A, *Quantitative and Qualitative Disclosures about Market Risk*, of the Company's Annual Report on Form 10-K for the year ended December 31, 2019. During the six months ended June 30, 2020, there have been no significant changes in our exposure to market risk.

Item 4. *Controls and Procedures.*

As required by Rule 13a-15 under the Exchange Act, the Company's management, with the participation of the Company's Chief Executive Officer and Chief Financial Officer, evaluated the effectiveness of the design and operation of the Company's disclosure controls and procedures (as defined in Rule 13a-15(e) or Rule 15d-15(e) under the Exchange Act) as of June 30, 2020. Based on that evaluation, the Company's Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures were effective as of June 30, 2020.

As a matter of practice, the Company's management continues to review and document internal control and procedures for financial reporting. From time to time, the Company may make changes aimed at enhancing the effectiveness of the controls and ensuring that the systems evolve with the business. There were no changes in the Company's internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting during the three months ended June 30, 2020.

PART II. OTHER INFORMATION

Item 1. *Legal Proceedings.*

The information set forth under the heading “Legal Proceedings” in Note 8 – Commitments and Contingencies to the accompanying condensed consolidated financial statements as included in Part I of this Form 10-Q is incorporated herein by reference.

Item 1A. *Risk Factors.*

There have been no material changes in the Company’s risk factors as described in Item 1A, *Risk Factors*, of the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, except as described below.

The extent to which the COVID-19 pandemic will adversely impact our business, financial condition and operating results is highly uncertain and cannot be predicted but could be material.

The COVID-19 pandemic has created significant worldwide volatility, uncertainty and disruption. In particular, the COVID-19 pandemic and the governmental response to the pandemic has resulted in a substantial curtailment of business activities, a significant number of business closures, slowdowns, suspensions or delays of production and commercial activity, and weakened economic conditions, both in the United States and many foreign countries. As such, the COVID-19 pandemic has directly and indirectly adversely impacted the Company and such adverse impact will likely continue. However, the extent to which the COVID-19 pandemic will ultimately adversely impact the Company’s business, financial condition and operating results, which could be material, will depend on numerous evolving factors that are highly uncertain, rapidly changing and cannot be predicted at this time, including:

- the duration and scope of the COVID-19 pandemic;
- governmental, business and individual actions that have been, continue to be and may in the future be taken in response to the COVID-19 pandemic, including business and travel restrictions, “stay-at-home” and “shelter-in-place” directives, quarantines, and slowdowns, suspensions or delays of commercial activity;
- the effect of the COVID-19 pandemic and the government response on our dealers, distributors and other channel partners and customers, including their ability to remain open, continue to sell and service our products, pay for the products purchased from us and obtain vehicle chassis, to the extent that they source such components directly;
- the effect of the COVID-19 pandemic and the governmental response on the budgets of our municipal customers;
- our ability to continue to run our operations as an essential business during the COVID-19 pandemic and/or to maintain our normal production capacity, in light of the potential for adverse impacts associated with decreased labor availability, the temporary suspension of production activity mandated or otherwise made necessary by governmental authorities, weakened demand, supply chain disruptions, or other production delays;
- significant reductions or volatility in demand for one or more of our products or services;
- the effect of the COVID-19 pandemic on our suppliers and our ability to obtain commodities, components and parts, on a timely basis through our supply chain and at previously anticipated costs;
- logistics costs and challenges, including availability of transportation and at previously anticipated costs;
- costs incurred as a result of necessary actions and preparedness plans to help ensure the health and safety of our employees and continued operations, including remote working accommodations, enhanced cleaning processes, protocols designed to implement appropriate social distancing practices, and/or adoption of additional wage and benefit programs to assist employees;
- potential future restructuring, impairment and other charges;
- availability of employees, their ability to conduct work away from normal working locations and/or under revised work environment protocols and the general willingness of employees to come to and perform work;
- the impact of the COVID-19 pandemic on the financial and credit markets and economic activity generally;
- our ability to access lending, capital markets, and other sources of liquidity when needed on reasonable terms or at all;
- our ability to comply with the financial covenants in our debt agreements if a material economic downturn as a result of the COVID-19 pandemic results in substantially increased indebtedness and/or lower earnings; and
- the exacerbation of negative impacts resulting from the occurrence of a global or national recession, depression or other sustained adverse market event as a result of the COVID-19 pandemic.

In addition to its potential to cause a direct adverse affect on our business, operations, financial condition and operating results, the COVID-19 pandemic may also have the effect of heightening many of the other risks described in Item 1A, *Risk Factors*, of the Company’s Annual Report on Form 10-K for the year ended December 31, 2019.

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

The following table provides a summary of the Company’s repurchase activity for its common stock during the three months ended June 30, 2020:

| Period | Total Number of Shares Purchased | Average Price Paid Per Share | Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs | Maximum Dollar Value of Shares That May Yet Be Purchased Under the Plans or Programs ^{(a) (b)} |
|-------------------------------------|---|-------------------------------------|---|--|
| April 2020 (3/29/20 – 5/2/20) | — | \$ — | — | \$ 90,724,309 |
| May 2020 (5/3/20 – 5/30/20)..... | — | — | — | 90,724,309 |
| June 2020 (5/31/20 – 6/27/20)..... | — | — | — | 90,724,309 |

- (a) On November 4, 2014, the Board authorized a stock repurchase program of up to \$75.0 million of the Company’s common stock.
- (b) On March 13, 2020, the Board authorized an additional stock repurchase program of up to \$75.0 million of the Company’s common stock. This program supplements the November 2014 stock repurchase program, which remains in effect.

Item 3. *Defaults upon Senior Securities.*

None.

Item 4. *Mine Safety Disclosures.*

Not applicable.

Item 5. *Other Information.*

On July 29, 2020, the Company issued a press release announcing its financial results for the three and six months ended June 30, 2020. The presentation slides for the second quarter 2020 earnings call were also posted on the Company’s website at that time. The full text of the second quarter financial results press release and earnings presentation are attached hereto as Exhibits 99.1 and 99.2, respectively, to this Form 10-Q.

Item 6. Exhibits.

- 3.1 [Restated Certificate of Incorporation of the Company. Incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed April 30, 2010.](#)
- 3.2 [Amended and Restated By-laws of the Company. Incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed February 9, 2016.](#)
- 31.1 [CEO Certification under Section 302 of the Sarbanes-Oxley Act.](#)
- 31.2 [CFO Certification under Section 302 of the Sarbanes-Oxley Act.](#)
- 32.1 [CEO Certification of Periodic Report under Section 906 of the Sarbanes-Oxley Act.](#)
- 32.2 [CFO Certification of Periodic Report under Section 906 of the Sarbanes-Oxley Act.](#)
- 99.1 [Second Quarter Financial Results Press Release, Dated July 29, 2020.](#)
- 99.2 [Second Quarter Earnings Call Presentation Slides.](#)
- 101.INS XBRL Instance Document (the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document).
- 101.SCH Inline XBRL Taxonomy Extension Schema Document.
- 101.CAL Inline XBRL Taxonomy Calculation Linkbase Document.
- 101.DEF Inline XBRL Taxonomy Extension Definition Linkbase Document.
- 101.LAB Inline XBRL Taxonomy Label Linkbase Document.
- 101.PRE Inline XBRL Taxonomy Presentation Linkbase Document.
- 104 Cover Page Interactive Data File (formatted as inline XBRL and contained in Exhibit 101).

SIGNATURE

Pursuant to the requirements of Section 13 or 15 (d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Federal Signal Corporation

Date: July 29, 2020

/s/ Ian A. Hudson

Ian A. Hudson

*Senior Vice President and Chief Financial Officer
(Principal Financial Officer)*



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 Oak Brook, Illinois 60523
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FOR IMMEDIATE RELEASE

Federal Signal Reports Second Quarter Results; Reinstates Full-Year Guidance

Oak Brook, Illinois, July 29, 2020 — Federal Signal Corporation (NYSE:FSS) (the “Company”), a leader in environmental and safety solutions, today reported results for the second quarter ended June 30, 2020.

Second Quarter Highlights

- Net sales of \$270 million, with double-digit sequential improvement in average weekly sales in both May and June
- Operating margin of 11.6%
- Adjusted EBITDA margin of 16.8%, exceeding high end of target range
- GAAP EPS of \$0.35
- Adjusted EPS of \$0.42
- Generated operating cash flow of \$60 million, a 73% improvement from last year; further strengthened financial position, with \$74 million of cash and \$245 million of credit facility availability at end of quarter
- Reinstates full-year guidance, with adjusted EPS* for 2020 expected to be within a range of \$1.53 to \$1.65

Consolidated net sales for the second quarter were \$270 million, compared to \$324 million in the same quarter a year ago. Net income for the second quarter was \$21.4 million, equal to \$0.35 per diluted share, compared to \$32.8 million, equal to \$0.54 per share, in the prior-year quarter.

The Company also reported adjusted net income for the second quarter of \$25.8 million, equal to \$0.42 per diluted share, compared to \$33.6 million, or \$0.55 per diluted share, in the second quarter of last year. The Company is reporting adjusted results to facilitate comparisons of underlying performance on a year-over-year basis. A reconciliation of these and other non-GAAP measures is provided at the conclusion of this news release.

Despite Significant Challenges, Q2 Operational Performance Impressive, with Margins Exceeding Target Ranges

“I could not be prouder of our performance during the quarter. Our teams demonstrated impressive operational execution in exceptionally difficult circumstances, while at the same time continuing to provide a safe working environment for our employees,” commented Jennifer L. Sherman, President and Chief Executive Officer. “At the beginning of the quarter, we reacted quickly and decisively in response to a variety of operational challenges resulting from the pandemic by adjusting our operating costs and modifying our production schedules. As our teams developed strategies to operate in the new COVID environment, we experienced double-digit sequential improvement in average weekly sales in both May and June. The combination of these factors helped us to maintain a high level of performance and deliver an adjusted EBITDA margin of 16.8% in the quarter, exceeding the upper end of our target range.”

In the Environmental Solutions Group, net sales for the second quarter were \$214 million, compared to \$267 million in the prior-year quarter. In the Safety and Security Systems Group, net sales were \$56 million, essentially unchanged from prior-year levels.

Consolidated operating income for the second quarter was \$31.3 million, compared to \$46.3 million in the prior-year quarter. Consolidated operating margin was 11.6%, compared to 14.3% in the prior-year quarter.

Consolidated adjusted earnings before interest, tax, depreciation and amortization (“adjusted EBITDA”) for the second quarter was \$45.4 million, compared to \$57.1 million in the prior-year quarter, and consolidated adjusted EBITDA margin was 16.8%, compared to 17.6% last year.

Adjusted EBITDA in the Environmental Solutions Group was \$40.9 million, compared to \$54.4 million in the prior-year quarter, and its adjusted EBITDA margin was 19.1%, compared to 20.4% last year. In the Safety and Security Systems Group, adjusted EBITDA was \$11.7 million, up \$1.4 million, or 14%, from the prior-year quarter, and its adjusted EBITDA margin was 20.9%, compared to 18.0% last year.

Consolidated backlog at June 30, 2020 was \$333 million, compared to \$348 million in the prior-year quarter.

Improved Cash Flow Further Strengthens Financial Position, Facilitates M&A and Cash Returns to Stockholders

Net cash of \$60 million was provided by operating activities during the second quarter, up \$25 million, or 73%, compared to the prior-year quarter.

At June 30, 2020, consolidated debt was \$245 million, total cash and cash equivalents were \$74 million and the Company had \$245 million of availability for borrowings under its five-year revolving credit facility, which was executed in July 2019.

“Early in the quarter, we took a series of actions to reduce our costs and preserve liquidity in the short-term. Those measures contributed to a record level of operating cash flow generation,” said Sherman. “During the quarter, we paid down approximately \$36 million of debt, completed an acquisition, and funded cash returns to stockholders. We are continuing to approach the uncertainty and challenges with resolve and from a position of strength given our current financial position, which has improved further since the end of the first quarter, and we remain committed to pursuing further strategic acquisitions, investing in organic growth opportunities and returning value to our stockholders.”

The Company funded dividends of \$4.9 million during the second quarter, reflecting a dividend of \$0.08 per share, and the Board of Directors recently declared a similar dividend that will be payable in the third quarter.

Outlook

“As the stay-at-home restrictions gradually started to ease, I was pleased with the commensurate improvement in incoming orders in both May and June, with our weekly average orders increasing, sequentially, by 16% and 24%, respectively,” noted Sherman. “Our backlog remains at a healthy level, providing us with visibility into the second half of the year. Assuming that we do not experience any significant COVID-related disruptions for the duration of the year, we currently expect our adjusted EPS* for 2020 to be in a range of \$1.53 to \$1.65.”

CONFERENCE CALL

Federal Signal will host its second quarter conference call on Wednesday, July 29, 2020 at 10:00 a.m. Eastern Time. The call will last approximately one hour. The call may be accessed over the internet through Federal Signal’s website at www.federalsignal.com or by dialing phone number 1-877-705-6003 and entering the pin number 13707097. A replay will be available on Federal Signal’s website shortly after the call.

About Federal Signal

Federal Signal Corporation (NYSE: FSS) builds and delivers equipment of unmatched quality that moves material, cleans infrastructure, and protects the communities where we work and live. Founded in 1901, Federal Signal is a leading global designer, manufacturer and supplier of products and total solutions that serve municipal, governmental, industrial and commercial customers. Headquartered in Oak Brook, Ill., with manufacturing facilities worldwide, the Company operates two groups: Environmental Solutions and Safety and Security Systems. For more information on Federal Signal, visit: www.federalsignal.com.

“Safe Harbor” Statement under the Private Securities Litigation Reform Act of 1995

This release contains unaudited financial information and various forward-looking statements as of the date hereof and we undertake no obligation to update these forward-looking statements regardless of new developments or otherwise. Statements in this release that are not historical are forward-looking statements. Such statements are subject to various risks and uncertainties that could cause actual results to vary materially from those stated. Such risks and uncertainties include but are not limited to: direct and indirect impacts of the coronavirus pandemic and the associated government response, economic conditions in various regions, product and price competition, supply chain disruptions, work stoppages, availability and pricing of raw materials, risks associated with acquisitions such as integration of operations and achieving anticipated revenue and cost benefits, foreign currency exchange rate changes, interest rate changes, increased legal expenses and litigation results, legal and regulatory developments and other risks and uncertainties described in filings with the Securities and Exchange Commission.

Contact: Ian Hudson, Chief Financial Officer, +1-630-954-2000, ihudson@federalsignal.com

* Adjusted earnings per share (“EPS”) is a non-GAAP measure, which includes certain adjustments to reported GAAP net income and diluted EPS. When reporting adjusted EPS in 2020, we have made, and would expect to continue to make, certain adjustments to exclude the impact of acquisition and integration-related expenses, pension-related charges, restructuring activity, coronavirus-related expenses and purchase accounting effects, where applicable. In prior years, we have also made adjustments to GAAP net income and diluted EPS for hearing loss settlement charges and special tax items. Should any similar items occur in 2020, we would also expect to exclude them from the determination of adjusted EPS. However, because of the underlying uncertainty in quantifying amounts which may not yet be known, a reconciliation of our Adjusted EPS outlook to the most applicable GAAP measure is excluded based on the unreasonable efforts exception in Item 10(e)(1)(i)(B).

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (Unaudited)

| (in millions, except per share data) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|---|--------------------------------|----------|------------------------------|----------|
| | 2020 | 2019 | 2020 | 2019 |
| Net sales | \$ 270.1 | \$ 324.3 | \$ 556.2 | \$ 598.1 |
| Cost of sales | 199.8 | 235.3 | 411.1 | 438.8 |
| Gross profit | 70.3 | 89.0 | 145.1 | 159.3 |
| Selling, engineering, general and administrative expenses | 37.4 | 41.8 | 79.6 | 85.7 |
| Acquisition and integration-related expenses | 0.3 | 0.9 | 0.6 | 1.5 |
| Restructuring | 1.3 | — | 1.3 | — |
| Operating income | 31.3 | 46.3 | 63.6 | 72.1 |
| Interest expense | 1.8 | 2.0 | 3.3 | 4.0 |
| Other expense (income), net | 2.0 | (0.1) | 2.2 | 0.3 |
| Income before income taxes | 27.5 | 44.4 | 58.1 | 67.8 |
| Income tax expense | 6.1 | 11.6 | 13.3 | 17.5 |
| Net income | \$ 21.4 | \$ 32.8 | \$ 44.8 | \$ 50.3 |
| Earnings per share: | | | | |
| Basic | \$ 0.36 | \$ 0.55 | \$ 0.74 | \$ 0.84 |
| Diluted | \$ 0.35 | \$ 0.54 | \$ 0.73 | \$ 0.82 |
| Weighted average common shares outstanding: | | | | |
| Basic | 60.1 | 60.1 | 60.3 | 60.1 |
| Diluted | 61.3 | 61.3 | 61.6 | 61.2 |
| Cash dividends declared per common share | \$ 0.08 | \$ 0.08 | \$ 0.16 | \$ 0.16 |
| Operating data: | | | | |
| Operating margin | 11.6 % | 14.3 % | 11.4 % | 12.1 % |
| Adjusted EBITDA | \$ 45.4 | \$ 57.1 | \$ 89.3 | \$ 93.0 |
| Adjusted EBITDA margin | 16.8 % | 17.6 % | 16.1 % | 15.5 % |
| Total orders | \$ 201.3 | \$ 308.0 | \$ 505.2 | \$ 607.0 |
| Backlog | 332.7 | 347.7 | 332.7 | 347.7 |
| Depreciation and amortization | 11.1 | 9.8 | 21.9 | 19.3 |

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED BALANCE SHEETS

| (in millions, except per share data) | June 30, 2020 | December 31, 2019 |
|--|-------------------|----------------------|
| | (Unaudited) | |
| ASSETS | | |
| Current assets: | | |
| Cash and cash equivalents | \$ 73.6 | \$ 31.6 |
| Accounts receivable, net of allowances for doubtful accounts of \$2.6 and \$2.4, respectively | 125.3 | 134.2 |
| Inventories | 197.5 | 182.9 |
| Prepaid expenses and other current assets | 10.4 | 12.0 |
| Total current assets | <u>406.8</u> | <u>360.7</u> |
| Properties and equipment, net of accumulated depreciation of \$129.7 and \$125.5, respectively | 101.4 | 91.9 |
| Rental equipment, net of accumulated depreciation of \$37.8 and \$33.6, respectively | 113.4 | 115.4 |
| Operating lease right-of-use assets | 24.8 | 27.6 |
| Goodwill | 390.6 | 388.8 |
| Intangible assets, net of accumulated amortization of \$26.9 and \$22.1, respectively | 157.6 | 162.9 |
| Deferred tax assets | 8.7 | 10.0 |
| Deferred charges and other long-term assets | 7.6 | 7.9 |
| Long-term assets of discontinued operations | 0.3 | 0.3 |
| Total assets | <u>\$ 1,211.2</u> | <u>\$ 1,165.5</u> |
| LIABILITIES AND STOCKHOLDERS' EQUITY | | |
| Current liabilities: | | |
| Current portion of long-term borrowings and finance lease obligations | \$ 0.2 | \$ 0.2 |
| Accounts payable | 73.1 | 65.0 |
| Customer deposits | 11.7 | 11.5 |
| Accrued liabilities: | | |
| Compensation and withholding taxes | 23.1 | 31.1 |
| Other current liabilities | 52.4 | 52.2 |
| Current liabilities of discontinued operations | 0.2 | 0.2 |
| Total current liabilities | <u>160.7</u> | <u>160.2</u> |
| Long-term borrowings and finance lease obligations | 244.4 | 220.3 |
| Long-term operating lease liabilities | 18.3 | 21.6 |
| Long-term pension and other postretirement benefit liabilities | 49.6 | 50.9 |
| Deferred tax liabilities | 56.9 | 52.7 |
| Other long-term liabilities | 25.0 | 17.3 |
| Long-term liabilities of discontinued operations | 0.9 | 0.9 |
| Total liabilities | <u>555.8</u> | <u>523.9</u> |
| Stockholders' equity: | | |
| Common stock, \$1 par value per share, 90.0 shares authorized, 67.5 and 66.9 shares issued, respectively | 67.5 | 66.9 |
| Capital in excess of par value | 234.7 | 228.6 |
| Retained earnings | 563.3 | 528.2 |
| Treasury stock, at cost, 7.1 and 6.4 shares, respectively | (115.4) | (93.0) |
| Accumulated other comprehensive loss | (94.7) | (89.1) |
| Total stockholders' equity | <u>655.4</u> | <u>641.6</u> |
| Total liabilities and stockholders' equity | <u>\$ 1,211.2</u> | <u>\$ 1,165.5</u> |

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (Unaudited)

| (in millions) | Six Months Ended June 30, | |
|--|------------------------------|---------|
| | 2020 | 2019 |
| Operating activities: | | |
| Net income | \$ 44.8 | \$ 50.3 |
| Adjustments to reconcile net income to net cash provided by operating activities: | | |
| Depreciation and amortization | 21.9 | 19.3 |
| Stock-based compensation expense | 3.9 | 4.2 |
| Deferred income taxes | 6.0 | 4.0 |
| Changes in operating assets and liabilities | (11.6) | (52.0) |
| Net cash provided by operating activities | 65.0 | 25.8 |
| Investing activities: | | |
| Purchases of properties and equipment | (16.3) | (9.4) |
| Proceeds from sales of properties and equipment | 0.5 | — |
| Payments for acquisition-related activity | (6.2) | — |
| Proceeds from acquisition-related activity | 0.8 | — |
| Net cash used for investing activities | (21.2) | (9.4) |
| Financing activities: | | |
| Increase (decrease) in revolving lines of credit, net | 27.7 | (3.1) |
| Purchases of treasury stock | (13.5) | (1.0) |
| Redemptions of common stock to satisfy withholding taxes related to stock-based compensation | (6.6) | (1.6) |
| Cash dividends paid to stockholders | (9.7) | (9.6) |
| Proceeds from stock-based compensation activity | 0.5 | — |
| Other, net | 0.1 | (0.1) |
| Net cash used for financing activities | (1.5) | (15.4) |
| Effects of foreign exchange rate changes on cash and cash equivalents | (0.3) | 0.2 |
| Increase in cash and cash equivalents | 42.0 | 1.2 |
| Cash and cash equivalents at beginning of year | 31.6 | 37.4 |
| Cash and cash equivalents at end of period | \$ 73.6 | \$ 38.6 |

FEDERAL SIGNAL CORPORATION AND SUBSIDIARIES
GROUP RESULTS (Unaudited)

The following tables summarize group operating results as of and for the three and six months ended June 30, 2020 and 2019:

Environmental Solutions Group

| (\$ in millions) | Three Months Ended June 30, | | | Six months ended June 30, 2020 | | |
|-------------------------------------|-----------------------------|----------|-----------|--------------------------------|----------|------------|
| | 2020 | 2019 | Change | 2020 | 2019 | Change |
| Net sales | \$ 214.2 | \$ 267.2 | \$ (53.0) | \$ 447.2 | \$ 486.7 | \$ (39.5) |
| Operating income | 28.6 | 44.8 | (16.2) | 58.0 | 70.5 | (12.5) |
| Adjusted EBITDA | 40.9 | 54.4 | (13.5) | 80.9 | 89.1 | (8.2) |
| Operating data: | | | | | | |
| Operating margin | 13.4 % | 16.8 % | (3.4)% | 13.0 % | 14.5 % | (1.5)% |
| Adjusted EBITDA margin | 19.1 % | 20.4 % | (1.3)% | 18.1 % | 18.3 % | (0.2)% |
| Total orders | \$ 157.7 | \$ 253.2 | \$ (95.5) | \$ 395.2 | \$ 496.9 | \$ (101.7) |
| Backlog | 302.7 | 322.0 | (19.3) | 302.7 | 322.0 | (19.3) |
| Depreciation and amortization | 10.2 | 8.9 | 1.3 | 20.2 | 17.5 | 2.7 |

Safety and Security Systems Group

| (\$ in millions) | Three Months Ended June 30, | | | Six months ended June 30, 2020 | | |
|-------------------------------------|-----------------------------|---------|-----------|--------------------------------|----------|----------|
| | 2020 | 2019 | Change | 2020 | 2019 | Change |
| Net sales | \$ 55.9 | \$ 57.1 | \$ (1.2) | \$ 109.0 | \$ 111.4 | \$ (2.4) |
| Operating income | 10.4 | 9.5 | 0.9 | 17.8 | 18.2 | (0.4) |
| Adjusted EBITDA | 11.7 | 10.3 | 1.4 | 19.9 | 19.9 | — |
| Operating data: | | | | | | |
| Operating margin | 18.6 % | 16.6 % | 2.0 % | 16.3 % | 16.3 % | — % |
| Adjusted EBITDA margin | 20.9 % | 18.0 % | 2.9 % | 18.3 % | 17.9 % | 0.4 % |
| Total orders | \$ 43.6 | \$ 54.8 | \$ (11.2) | \$ 110.0 | \$ 110.1 | \$ (0.1) |
| Backlog | 30.0 | 25.7 | 4.3 | 30.0 | 25.7 | 4.3 |
| Depreciation and amortization | 0.9 | 0.8 | 0.1 | 1.7 | 1.7 | — |

Corporate Expenses

Corporate operating expenses were \$7.7 million and \$8.0 million for the three months ended June 30, 2020 and 2019, respectively. For the six months ended June 30, 2020 and 2019, corporate operating expenses were \$12.2 million and \$16.6 million, respectively.

SEC REGULATION G NON-GAAP RECONCILIATION

The financial measures presented below are unaudited and are not in accordance with U.S. generally accepted accounting principles (“GAAP”). The non-GAAP financial information presented herein should be considered supplemental to, and not a substitute for, or superior to, financial measures calculated in accordance with GAAP. The Company has provided this supplemental information to investors, analysts, and other interested parties to enable them to perform additional analyses of operating results, to illustrate the results of operations giving effect to the non-GAAP adjustments shown in the reconciliations below, and to provide an additional measure of performance which management considers in operating the business.

Adjusted Net Income and Earnings Per Share (“EPS”):

The Company believes that modifying its 2020 and 2019 net income and diluted EPS provides additional measures which are representative of the Company’s underlying performance and improves the comparability of results across reporting periods. During the three and six months ended June 30, 2020 and 2019 adjustments were made to reported GAAP net income and diluted EPS to exclude the impact of acquisition and integration-related expenses, pension-related charges, restructuring activity, coronavirus-related expenses and purchase accounting effects, where applicable.

| (in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|-----------------------------|----------------|---------------------------|----------------|
| | 2020 | 2019 | 2020 | 2019 |
| Net income | \$ 21.4 | \$ 32.8 | \$ 44.8 | \$ 50.3 |
| Add: | | | | |
| Income tax expense | 6.1 | 11.6 | 13.3 | 17.5 |
| Income before income taxes | 27.5 | 44.4 | 58.1 | 67.8 |
| Add: | | | | |
| Acquisition and integration-related expenses | 0.3 | 0.9 | 0.6 | 1.5 |
| Pension-related charges ^(a) | 2.5 | — | 2.5 | — |
| Restructuring | 1.3 | — | 1.3 | — |
| Coronavirus-related expenses ^(b) | 1.4 | — | 1.8 | — |
| Purchase accounting effects ^(c) | 0.1 | 0.2 | 0.3 | 0.3 |
| Adjusted income before income taxes | 33.1 | 45.5 | 64.6 | 69.6 |
| Adjusted income tax expense ^(d) | (7.3) | (11.9) | (14.7) | (17.9) |
| Adjusted net income | <u>\$ 25.8</u> | <u>\$ 33.6</u> | <u>\$ 49.9</u> | <u>\$ 51.7</u> |

| (dollars per diluted share) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|-----------------------------|----------------|---------------------------|----------------|
| | 2020 | 2019 | 2020 | 2019 |
| EPS, as reported | \$ 0.35 | \$ 0.54 | \$ 0.73 | \$ 0.82 |
| Add: | | | | |
| Income tax expense | 0.10 | 0.19 | 0.22 | 0.29 |
| Income before income taxes | 0.45 | 0.73 | 0.95 | 1.11 |
| Add: | | | | |
| Acquisition and integration-related expenses | 0.01 | 0.01 | 0.01 | 0.02 |
| Pension-related charges ^(a) | 0.04 | — | 0.04 | — |
| Restructuring | 0.02 | — | 0.02 | — |
| Coronavirus-related expenses ^(b) | 0.02 | — | 0.03 | — |
| Purchase accounting effects ^(c) | 0.00 | 0.00 | 0.00 | 0.00 |
| Adjusted income before income taxes | 0.54 | 0.74 | 1.05 | 1.13 |
| Adjusted income tax expense ^(d) | (0.12) | (0.19) | (0.24) | (0.29) |
| Adjusted EPS | <u>\$ 0.42</u> | <u>\$ 0.55</u> | <u>\$ 0.81</u> | <u>\$ 0.84</u> |

- (a) Pension-related charges in the three and six months ended June 30, 2020 relate to charges incurred in connection with the withdrawal from a multi-employer pension plan. Such charges are included as a component of Other expense (income), net on the Condensed Consolidated Statement of Operations.
- (b) Coronavirus-related expenses in the three and six months ended June 30, 2020 relate to direct expenses incurred in connection with the Company’s response to the coronavirus pandemic, that are incremental to, and separable from, normal operations. Such expenses primarily relate to incremental paid time off provided to employees and costs incurred to implement enhanced workplace safety protocols.

- (c) Purchase accounting effects relate to adjustments to exclude the step-up in the valuation of acquired JJE equipment that was sold subsequent to the acquisition in the three and six months ended June 30, 2020 and 2019, as well as to exclude the depreciation of the step-up in the valuation of the rental fleet acquired.
- (d) Adjusted income tax expense for the three and six months ended June 30, 2020 and 2019 was recomputed after excluding the impact of acquisition and integration-related expenses, pension-related charges, restructuring activity, coronavirus-related expenses and purchase accounting effects, where applicable.

Adjusted EBITDA and Adjusted EBITDA Margin:

The Company uses adjusted EBITDA and the ratio of adjusted EBITDA to net sales (“adjusted EBITDA margin”), at both the consolidated and segment level, as additional measures which are representative of its underlying performance and to improve the comparability of results across reporting periods. We believe that investors use versions of these metrics in a similar manner. For these reasons, the Company believes that adjusted EBITDA and adjusted EBITDA margin, at both the consolidated and segment level, are meaningful metrics to investors in evaluating the Company’s underlying financial performance.

Consolidated adjusted EBITDA is a non-GAAP measure that represents the total of net income, interest expense, acquisition and integration-related expenses, restructuring activity, coronavirus-related expenses, purchase accounting effects, other income/expense, income tax expense, and depreciation and amortization expense. Consolidated adjusted EBITDA margin is a non-GAAP measure that represents the total of net income, interest expense, acquisition and integration-related expenses, restructuring activity, coronavirus-related expenses, purchase accounting effects, other income/expense, income tax expense, and depreciation and amortization expense divided by net sales for the applicable period(s).

Segment adjusted EBITDA is a non-GAAP measure that represents the total of segment operating income, acquisition and integration-related expenses, restructuring activity, coronavirus-related expenses, purchase accounting effects and depreciation and amortization expense, as applicable. Segment adjusted EBITDA margin is a non-GAAP measure that represents the total of segment operating income, acquisition and integration-related expenses, restructuring activity, coronavirus-related expenses, purchase accounting effects and depreciation and amortization expense, as applicable, divided by net sales for the applicable period(s). Segment operating income includes all revenues, costs and expenses directly related to the segment involved. In determining segment income, neither corporate nor interest expenses are included. Segment depreciation and amortization expense relates to those assets, both tangible and intangible, that are utilized by the respective segment.

Other companies may use different methods to calculate adjusted EBITDA and adjusted EBITDA margin.

Consolidated

The following table summarizes the Company’s consolidated adjusted EBITDA and adjusted EBITDA margin and reconciles net income to consolidated adjusted EBITDA for the three and six months ended June 30, 2020 and 2019:

| (\$ in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|-----------------------------|----------|---------------------------|----------|
| | 2020 | 2019 | 2020 | 2019 |
| Net income | \$ 21.4 | \$ 32.8 | \$ 44.8 | \$ 50.3 |
| Add: | | | | |
| Interest expense | 1.8 | 2.0 | 3.3 | 4.0 |
| Acquisition and integration-related expenses | 0.3 | 0.9 | 0.6 | 1.5 |
| Restructuring | 1.3 | — | 1.3 | — |
| Coronavirus-related expenses | 1.4 | — | 1.8 | — |
| Purchase accounting effects* | 0.0 | 0.1 | 0.1 | 0.1 |
| Other expense (income), net | 2.0 | (0.1) | 2.2 | 0.3 |
| Income tax expense | 6.1 | 11.6 | 13.3 | 17.5 |
| Depreciation and amortization | 11.1 | 9.8 | 21.9 | 19.3 |
| Consolidated adjusted EBITDA | \$ 45.4 | \$ 57.1 | \$ 89.3 | \$ 93.0 |
| Net sales | \$ 270.1 | \$ 324.3 | \$ 556.2 | \$ 598.1 |
| Consolidated adjusted EBITDA margin | 16.8 % | 17.6 % | 16.1 % | 15.5 % |

* Excludes purchase accounting expenses reflected in depreciation and amortization of \$0.1 million and \$0.1 million for the three months ended June 30, 2020 and 2019, respectively, and \$0.2 million and \$0.2 million for the six months ended June 30, 2020 and 2019, respectively.

Environmental Solutions Group

The following table summarizes the Environmental Solutions Group's adjusted EBITDA and adjusted EBITDA margin and reconciles operating income to adjusted EBITDA for the three and six months ended June 30, 2020 and 2019:

| (\$ in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|--|-----------------------------|----------|---------------------------|----------|
| | 2020 | 2019 | 2020 | 2019 |
| Operating income | \$ 28.6 | \$ 44.8 | \$ 58.0 | \$ 70.5 |
| Add: | | | | |
| Acquisition and integration-related expenses | 0.1 | 0.6 | 0.2 | 1.0 |
| Restructuring | 0.7 | — | 0.7 | — |
| Coronavirus-related expenses | 1.3 | — | 1.7 | — |
| Purchase accounting effects* | 0.0 | 0.1 | 0.1 | 0.1 |
| Depreciation and amortization | 10.2 | 8.9 | 20.2 | 17.5 |
| Adjusted EBITDA | \$ 40.9 | \$ 54.4 | \$ 80.9 | \$ 89.1 |
| Net sales | \$ 214.2 | \$ 267.2 | \$ 447.2 | \$ 486.7 |
| Adjusted EBITDA margin | 19.1 % | 20.4 % | 18.1 % | 18.3 % |

* Excludes purchase accounting expenses reflected in depreciation and amortization of \$0.1 million and \$0.1 million for the three months ended June 30, 2020 and 2019, respectively, and \$0.2 million and \$0.2 million for the six months ended June 30, 2020 and 2019, respectively.

Safety and Security Systems Group

The following table summarizes the Safety and Security Systems Group's adjusted EBITDA and adjusted EBITDA margin and reconciles operating income to adjusted EBITDA for the three and six months ended June 30, 2020 and 2019:

| (\$ in millions) | Three Months Ended June 30, | | Six Months Ended June 30, | |
|-------------------------------------|-----------------------------|---------|---------------------------|----------|
| | 2020 | 2019 | 2020 | 2019 |
| Operating income | \$ 10.4 | \$ 9.5 | \$ 17.8 | \$ 18.2 |
| Add: | | | | |
| Restructuring | 0.3 | — | 0.3 | — |
| Coronavirus-related expenses | 0.1 | — | 0.1 | — |
| Depreciation and amortization | 0.9 | 0.8 | 1.7 | 1.7 |
| Adjusted EBITDA | \$ 11.7 | \$ 10.3 | \$ 19.9 | \$ 19.9 |
| Net sales | \$ 55.9 | \$ 57.1 | \$ 109.0 | \$ 111.4 |
| Adjusted EBITDA margin | 20.9 % | 18.0 % | 18.3 % | 17.9 % |