## UNITED STATES <br> SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## FORM 8-K

## CURRENT REPORT

Pursuant to Section 13 OR 15(d)
of The Securities Exchange Act of 1934
Date of Report (Date of earliest event reported): July 24, 2019

Delaware
(State or other jurisdiction of incorporation)

1-15399
(Commission
File Number)

36-4277050
(IRS Employer Identification No.)

## 1 North Field Court, Lake Forest, Illinois 60045

(Address of Principal Executive Offices, including Zip Code)

## (847) 482-3000

(Registrants' Telephone Number, Including Area Code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrants under any of the following provisions:
$\square \quad$ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
$\square \quad$ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
$\square \quad$ Pre-commencement communications pursuant to Rule 14d-2 (b) under the Exchange Act (17 CFR 240.14d-2 (b))
$\square \quad$ Pre-commencement communications pursuant to Rule 13e-4 (c) under the Exchange Act (17 CFR 240.13e-4 (c))
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 ( $\$ 230.405$ of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company $\square$
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. $\square$

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

| Title of each class | Trading <br> Symbol(s) | Name of each exchange on which registered |
| :---: | :---: | :---: |
| Common Stock | PKG | New York Stock Exchange |

## Item 2.02. Results of Operations and Financial Condition.

The information furnished in this Item 2.02, including the exhibit described below, shall not be deemed "filed" hereunder for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or incorporated by reference in any filing under the Securities Exchange Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

On July 24, 2019, Packaging Corporation of America issued a press release announcing second quarter financial results. The press release is furnished as Exhibit 99.1 and is incorporated into this Item 2.02 by reference.

## Item 9.01. Financial Statements and Exhibits.

(d) Exhibits
99.1 Second Quarter 2019 Earnings Press Release dated July 24, 2019

## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrants have duly caused this report to be signed on their behalf by the undersigned hereunto duly authorized.

# PACKAGING CORPORATION OF AMERICA <br> (Registrant) <br> By: /s/ PAMELA A. BARNES <br> Senior Vice President, Finance and Controller 

## PACKAGING CORPORATION OF AMERICA REPORTS SECOND QUARTER 2019 RESULTS

Lake Forest, IL, July 24, 2019 - Packaging Corporation of America (NYSE: PKG) today reported second quarter 2019 net income of \$194 million, or \$2.04 per share. Second quarter net sales were $\$ 1.8$ billion in both 2019 and 2018.

Diluted earnings per share attributable to Packaging Corporation of America shareholders

|  | Three Months Ended |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  |  |  |  |  |
|  | 2019 |  | 2018 |  | Change |  |
| Reported Diluted EPS | \$ | 2.04 | \$ | 1.97 | \$ | 0.07 |
| Special Items Expense (1) |  | - |  | 0.11 |  | (0.11) |
| Diluted EPS excluding Special items | \$ | 2.04 | \$ | 2.08 | \$ | (0.04) |

(1) For descriptions and amounts of our special items, see the schedules with this release.

Reported earnings in the second quarter of 2018 include $\$ .11$ per share of special items expense primarily for certain costs related to discontinuing paper operations associated with the previously announced conversion of the No. 3 paper machine at our Wallula, Washington mill to linerboard.

The ( $\$ .04$ ) per share decrease in second quarter 2019 earnings compared to second quarter 2018, excluding special items, was driven primarily by higher operating costs ( $\$ .27$ ), higher converting costs ( $\$ .05$ ), lower Paper segment volume ( $\$ .04$ ), higher annual outage expenses ( $\$ .06$ ), and a higher tax rate ( $\$ .01$ ). These items were partially offset by higher Packaging segment volume $\$ .09$ and prices and mix $\$ .08$, higher Paper segment prices and mix $\$ .16$, lower Wallula No. 3 paper machine conversion-related costs $\$ .04$, and lower freight costs $\$ .02$.

Financial information by segment is summarized below and in the schedules with this release.

|  | (dollars in millions) Three Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
|  | 2019 |  | 2018 |  |
| Segment income (loss) |  |  |  |  |
| Packaging | \$ | 263.9 | \$ | 273.2 |
| Paper |  | 38.8 |  | 16.2 |
| Corporate and Other |  | (22.3) |  | (19.8) |
|  | \$ | 280.4 | \$ | 269.6 |


| Segment income (loss) excluding special items |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Packaging | \$ | 263.9 | \$ | 278.6 |
| Paper |  | 38.8 |  | 24.4 |
| Corporate and Other |  | (22.3) |  | (19.6) |
|  | \$ | 280.4 | \$ | 283.4 |
|  |  |  |  |  |
| EBITDA excluding special items |  |  |  |  |
| Packaging | \$ | 348.6 | \$ | 362.8 |
| Paper |  | 48.2 |  | 37.7 |
| Corporate and Other |  | (20.6) |  | (18.2) |
|  | \$ | 376.2 | \$ | 382.3 |

In the Packaging segment, total corrugated products shipments with one less workday were down (1.3)\% and shipments per day were up $0.3 \%$ over last year's second quarter. Containerboard production was $1,063,000$ tons, and containerboard inventory was down 5,000 tons from the first quarter of 2019 and up 29,000 tons compared to the second quarter of 2018. In the Paper segment, compared to the second quarter of 2018, sales volume was $13 \%$ lower and production volume was $6 \%$ lower, primarily due to discontinuing the paper business at the Wallula Mill.

Commenting on reported results, Mark W. Kowlzan, Chairman and CEO, said, "In our Packaging segment, we continued to run our containerboard system to demand, and our mills supplied the necessary containerboard to achieve a second quarter record for box shipments per day while lowering our inventory from first quarter levels. Average prices and mix were above last year, although
export prices and the published domestic containerboard prices did move lower during the quarter. In the Paper segment, volumes for our office paper and converting grades were slightly above the second quarter of 2018. Prices and mix continued to move higher early in the quarter, but we began to see some softening late in the quarter. Overall, we were able to deliver solid results despite on-going increases with labor-related costs as well as several indirect operating expenses across the Company that negatively impacted us during the quarter."
"Looking ahead to the third quarter," Mr. Kowlzan added, "in our Packaging segment we expect seasonally higher containerboard and corrugated products shipments, with lower prices as a result of the published domestic containerboard price decreases, and lower export prices. In the Paper segment, volume should be seasonally stronger, but prices and mix are expected to move lower. Converting and other costs should be slightly higher, but operating costs and scheduled maintenance outage costs should be lower. Considering these items, we expect third quarter earnings of $\$ 1.91$ per share."

We present various non-GAAP financial measures in this press release, including diluted EPS excluding special items, segment income excluding special items and EBITDA excluding special items. We provide information regarding our use of non-GAAP financial measures and reconciliations of historical nonGAAP financial measures presented in this press release to the most comparable measure reported in accordance with GAAP in the schedules to this press release. We present our earnings expectation for the upcoming quarter excluding special items as special items are difficult to predict and quantify and may reflect the effect of future events. We do not currently expect special items to have a significant effect on third quarter earnings. However, additional special items may arise due to third quarter events.

PCA is the third largest producer of containerboard products and the third largest producer of uncoated freesheet paper in the North America. PCA operates eight mills and 94 corrugated products plants and related facilities.

Some of the statements in this press release are forward-looking statements. Forward-looking statements include statements about our future earnings and financial condition, expected benefits from acquisitions and restructuring activities, our industry and our business strategy. Statements that contain words such as " will", "should", "anticipate", "believe", "expect", "intend", "estimate", "hope" or similar expressions, are forward-looking statements. These forwardlooking statements are based on the current expectations of PCA. Because forward-looking statements involve inherent risks and uncertainties, the plans, actions and actual results of PCA could differ materially. Among the factors that could cause plans, actions and results to differ materially from PCA's current expectations include the following: the impact of general economic conditions; conditions in the paper and packaging industries, including competition, product demand and product pricing; fluctuations in wood fiber and recycled fiber costs; fluctuations in purchased energy costs; the possibility of unplanned outages or interruptions at our principal facilities; and legislative or regulatory requirements, particularly concerning environmental matters, as well as those identified under Item 1A. Risk Factors in PCA’s Annual Report on Form 10-K for the year ended December 31, 2018 filed with the Securities and Exchange Commission and available at the SEC's website at "www.sec.gov".

## CONTACT:

Barbara Sessions
Packaging Corporation of America
INVESTOR RELATIONS: (877) 454-2509
PCA's Website: www.packagingcorp.com

## Conference Call Information:

WHAT:

WHEN:
CALL-IN
NUMBER:

WEBCAST INFO:
REBROADCAST DATES:
REBROADCAST NUMBERS:

Packaging Corporation of America’s 2nd Quarter 2019 Earnings Conference Call Conference ID: 8594367

Thursday, July 25, 2019 at 9:00 a.m. Eastern Time
(855) 730-0288 (U.S. and Canada) or (832) 412-2295 (International)

Dial in by 8:45 a.m. Eastern Time
Conference Call Leader: Mr. Mark Kowlzan
http://www.packagingcorp.com; Investor Relations
July 25, 2019 2:00 p.m. Eastern Time through August 8, 2019 11:59 p.m. Eastern Time
(855) 859-2056 (U.S. and Canada) or (404) 537-3406 (International) Passcode: 8594367

# Packaging Corporation of America 

## Consolidated Earnings Results

## Unaudited

(dollars in millions, except per-share data)

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  |  |  | June 30, |  |  |  |  |  |
|  | 2019 |  | 2018 |  | 2019 |  |  | 2018 |  |  |
| Net sales | \$ | 1,759.9 | \$ | 1,767.5 | \$ | 3,493.6 |  | \$ | 3,458.1 |  |
| Cost of sales |  | $(1,332.0)$ |  | (1,346.9) |  | (2,644.3) | (1) |  | (2,681.4) | (2) |
| Gross profit |  | 427.9 |  | 420.6 |  | 849.3 |  |  | 776.7 |  |
| Selling, general, and administrative expenses |  | (143.7) |  | (137.7) |  | (283.7) |  |  | (272.6) |  |
| Other expense, net |  | (3.8) |  | (13.3) |  | (9.8) | (1) |  | (21.6) | (2) |
| Income from operations |  | 280.4 |  | 269.6 |  | 555.8 |  |  | 482.5 |  |
| Non-operating pension expense |  | (2.0) |  | (0.5) |  | (4.1) |  |  | (1.1) |  |
| Interest expense, net |  | (22.4) |  | (23.8) |  | (46.4) |  |  | (49.6) |  |
| Income before taxes |  | 256.0 |  | 245.3 |  | 505.3 |  |  | 431.8 |  |
| Provision for income taxes |  | (62.4) |  | (58.7) |  | (124.9) |  |  | (105.1) |  |
| Net income | \$ | 193.6 | \$ | 186.6 | \$ | 380.4 |  | \$ | 326.7 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Earnings per share: |  |  |  |  |  |  |  |  |  |  |
| Basic | \$ | 2.05 | \$ | 1.98 |  | 4.03 |  | \$ | 3.46 |  |
| Diluted | \$ | 2.04 | \$ | 1.97 |  | 4.02 |  | \$ | 3.46 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Computation of diluted earnings per share under the two class method: |  |  |  |  |  |  |  |  |  |  |
| Net income | \$ | 193.6 | \$ | 186.6 |  | 380.4 |  | \$ | 326.7 |  |
| Less: Distributed and undistributed income available to participating securities |  | (1.5) |  | (1.4) |  | (2.9) |  |  | (2.5) |  |
| Net income attributable to PCA shareholders | \$ | 192.1 | \$ | 185.2 |  | 377.5 |  | \$ | 324.2 |  |
| Diluted weighted average shares outstanding |  | 94.0 |  | 93.8 |  | 94.0 |  |  | 93.8 |  |
| Diluted earnings per share | \$ | 2.04 | \$ | 1.97 |  | 4.02 |  | \$ | 3.46 |  |
|  |  |  |  |  |  |  |  |  |  |  |
| Supplemental financial information: |  |  |  |  |  |  |  |  |  |  |
| Capital spending | \$ | 92.1 | \$ | 165.9 |  | 170.9 |  | \$ | 273.9 |  |
| Cash balance | \$ | 569.4 | \$ | 199.6 |  | 569.4 |  | \$ | 199.6 |  |

(1) The six months ended June 30, 2019 include $\$ 0.6$ million of charges related to the announced second quarter 2018 discontinuation of uncoated free sheet and coated one-side grades at the Wallula, Washington mill associated with the conversion of the No. 3 paper machine to a high-performance $100 \%$ virgin kraft linerboard machine. The costs were recorded within "Other expense, net" and "Cost of sales", as appropriate.
(2) The three and six months ended June 30, 2018 include the following:
a. $\quad \$ 13.6$ million and $\$ 22.4$ million, respectively, of charges related to the announced second quarter 2018 discontinuation of uncoated free sheet and coated one-side grades at the Wallula, Washington mill associated with the conversion of the No. 3 paper machine to a high-performance $100 \%$ virgin kraft linerboard machine. The costs were recorded within "Other expense, net" and "Cost of sales", as appropriate.
b. $\quad \$ 0.2$ million and $\$ 0.5$ million, respectively, of charges consisting of closure costs related to corrugated products facilities and a corporate administration facility, which were recorded in "Other expense, net" and "Cost of sales", as appropriate.

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  |  |  | June 30, |  |  |  |
|  | 2019 |  | 2018 |  | 2019 |  | 2018 |  |
| Segment sales |  |  |  |  |  |  |  |  |
| Packaging | \$ | 1,504.6 | \$ | 1,496.2 | \$ | 2,982.2 | \$ | 2,899.1 |
| Paper |  | 237.8 |  | 250.8 |  | 477.5 |  | 520.2 |
| Corporate and Other |  | 17.5 |  | 20.5 |  | 33.9 |  | 38.8 |
|  | \$ | 1,759.9 | \$ | 1,767.5 | \$ | 3,493.6 | \$ | 3,458.1 |
|  |  |  |  |  |  |  |  |  |
| Segment income (loss) |  |  |  |  |  |  |  |  |
| Packaging | \$ | 263.9 | \$ | 273.2 | \$ | 513.4 | \$ | 497.9 |
| Paper |  | 38.8 |  | 16.2 |  | 84.4 |  | 23.5 |
| Corporate and Other |  | (22.3) |  | (19.8) |  | (42.0) |  | (38.9) |
| Income from operations |  | 280.4 |  | 269.6 |  | 555.8 |  | 482.5 |
| Non-operating pension expense |  | (2.0) |  | (0.5) |  | (4.1) |  | (1.1) |
| Interest expense, net |  | (22.4) |  | (23.8) |  | (46.4) |  | (49.6) |
| Income before taxes | \$ | 256.0 | \$ | 245.3 | \$ | 505.3 | \$ | 431.8 |
|  |  |  |  |  |  |  |  |  |
| Segment income (loss) excluding special items (1) |  |  |  |  |  |  |  |  |
| Packaging | \$ | 263.9 | \$ | 278.6 | \$ | 513.8 | \$ | 503.4 |
| Paper |  | 38.8 |  | 24.4 |  | 84.6 |  | 40.5 |
| Corporate and Other |  | (22.3) |  | (19.6) |  | (42.0) |  | (38.5) |
|  | \$ | 280.4 | \$ | 283.4 | \$ | 556.4 | \$ | 505.4 |
|  |  |  |  |  |  |  |  |  |
| EBITDA excluding special items (1) |  |  |  |  |  |  |  |  |
| Packaging | \$ | 348.6 | \$ | 362.8 | \$ | 682.4 | \$ | 670.8 |
| Paper |  | 48.2 |  | 37.7 |  | 103.1 |  | 69.0 |
| Corporate and Other |  | (20.6) |  | (18.2) |  | (38.7) |  | (35.7) |
|  | \$ | 376.2 | \$ | 382.3 | \$ | 746.8 | \$ | 704.1 |

(1) Segment income (loss) excluding special items, earnings before non-operating pension expense, interest, income taxes, and depreciation, amortization, and depletion (EBITDA), and EBITDA excluding special items are non-GAAP financial measures. Management excludes special items as it believes these items are not necessarily reflective of the ongoing results of operations of our business. We present these measures because they provide a means to evaluate the performance of our segments and our company on an ongoing basis using the same measures that are used by our management, because these measures assist in providing a meaningful comparison between periods presented and because these measures are frequently used by investors and other interested parties in the evaluation of companies and the performance of their segments. The tables included in "Reconciliation of Non-GAAP Financial Measures" on the following pages reconcile the non-GAAP measures with the most directly comparable GAAP measures. Any analysis of non-GAAP financial measures should be done only in conjunction with results presented in accordance with GAAP. The non-GAAP measures are not intended to be substitutes for GAAP financial measures and should not be used as such.

Packaging Corporation of America

## Reconciliation of Non-GAAP Financial Measures

Unaudited
(dollars in millions)

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  |  |  | June 30, |  |  |  |
|  | 2019 |  | 2018 |  | 2019 |  | 2018 |  |
| Packaging |  |  |  |  |  |  |  |  |
| Segment income | \$ | 263.9 | \$ | 273.2 | \$ | 513.4 | \$ | 497.9 |
| Wallula mill restructuring |  | - |  | 5.4 |  | 0.4 |  | 5.4 |
| Facilities closure and other costs |  | - |  | - |  | - |  | 0.1 |
| Segment income excluding special items (1) | \$ | 263.9 | \$ | 278.6 | \$ | 513.8 | \$ | 503.4 |
|  |  |  |  |  |  |  |  |  |
| Paper |  |  |  |  |  |  |  |  |
| Segment income | \$ | 38.8 | \$ | 16.2 | \$ | 84.4 | \$ | 23.5 |
| Wallula mill restructuring |  | - |  | 8.2 |  | 0.2 |  | 17.0 |
| Segment income excluding special items (1) | \$ | 38.8 | \$ | 24.4 | \$ | 84.6 | \$ | 40.5 |
|  |  |  |  |  |  |  |  |  |
| Corporate and Other |  |  |  |  |  |  |  |  |
| Segment loss | \$ | (22.3) | \$ | (19.8) | \$ | (42.0) | \$ | (38.9) |
| Facilities closure and other costs |  | - |  | 0.2 |  | - |  | 0.4 |
| Segment loss excluding special items (1) | \$ | (22.3) | \$ | (19.6) | \$ | (42.0) | \$ | (38.5) |
|  |  |  |  |  |  |  |  |  |
| Income from operations | \$ | 280.4 | \$ | 269.6 | \$ | 555.8 | \$ | 482.5 |
|  |  |  |  |  |  |  |  |  |
| Income from operations, excluding special items (1) | \$ | 280.4 | \$ | 283.4 | \$ | 556.4 | \$ | 505.4 |

(1) See footnote (1) on page 2, for a discussion of non-GAAP financial measures.

## Packaging Corporation of America

## Reconciliation of Non－GAAP Financial Measures

## Unaudited

（dollars in millions）

## Net Income and EPS Excluding Special Items（1）

|  | Three Months Ended June 30， |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2019 |  |  |  |  |  |  |  | 2018 |  |  |  |  |  |  |  |
|  | $\begin{gathered} \hline \begin{array}{c} \text { Income } \\ \text { before Taxes } \end{array} \end{gathered}$ |  | $\begin{gathered} \hline \text { Income } \\ \text { Taxes } \\ \hline \end{gathered}$ |  | Net Income |  | Diluted EPS |  | Income before Taxes |  | Income Taxes |  | Net Income |  | Diluted EPS |  |
| As reported | S | 256.0 | \＄ | （62．4） | \＄ | 193.6 | \＄ | 2.04 | \＄ | 245.3 | \＄ | （58．7） | \＄ | 186.6 | \＄ | 1.97 |
| Special items（2）： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wallula mill restructuring |  | － |  | － |  | － |  | － |  | 13.6 |  | （3．4） |  | 10.2 |  | 0.11 |
| Facilities closure and other costs |  | － |  | － |  | － |  | － |  | 0.2 |  | 二 |  | 0.2 |  | － |
| Total special items |  | － |  | － |  | － |  | － |  | 13.8 |  | （3．4） |  | 10.4 |  | 0.11 |
| Excluding special items | \＄ | 256.0 | \＄ | （62．4） | \＄ | $\underline{193.6}$ | \＄ | 2.04 | \＄ | 259.1 | \＄ | （62．1） | \＄ | $\underline{197.0}$ | \＄ | 2.08 |
|  | Six Months Ended June 30， |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | 2019 |  |  |  |  |  |  |  | 2018 |  |  |  |  |  |  |  |
|  | $\begin{gathered} \hline \begin{array}{c} \text { Income } \\ \text { before Taxes } \end{array} \\ \hline \end{gathered}$ |  | Income Taxes |  | Net Income |  | Diluted EPS |  | Income before Taxes |  | Income Taxes |  | Net Income |  | Diluted EPS |  |
| As reported | \＄ | 505.3 | \＄ | （124．9） | \＄ | 380.4 | \＄ | 4.02 | \＄ | 431.8 | \＄ | （105．1） | \＄ | 326.7 | \＄ | 3.46 |
| Special items（2）： |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Wallula mill restructuring |  | 0.6 |  | （0．1） |  | 0.5 |  | － |  | 22.4 |  | （5．6） |  | 16.8 |  | 0.18 |
| Facilities closure and other costs |  | 二 |  | － |  | － |  | － |  | 0.5 |  | （0．1） |  | 0.4 |  | － |
| Total special items |  | 0.6 |  | （0．1） |  | 0.5 |  | 二 |  | 22.9 |  | （5．7） |  | 17.2 |  | 0.18 |
| Excluding special items | \＄ | 505.9 | \＄ | （125．0） | \＄ | $\underline{380.9}$ | \＄ | 4.02 | \＄ | 454.7 | \＄ | $\stackrel{(110.8}{ }$ | \＄ | 343.9 | \＄ | 3.64 |

（1）Net income and earnings per share excluding special items are non－GAAP financial measures．Management excludes special items as it believes these items are not necessarily reflective of the ongoing results of operations of our business．We present these measures because they provide a means to evaluate the performance of our company on an ongoing basis using the same measures that are used by our management，because these measures assist in providing a meaningful comparison between periods presented and because these measures are frequently used by investors and other interested parties in the evaluation of companies and their performance．Any analysis of non－GAAP financial measures should be done only in conjunction with results presented in accordance with GAAP．The non－GAAP measures are not intended to be substitutes for GAAP financial measures and should not be used as such．
（2）Pre－tax special items are tax－effected at a combined federal and state income tax rate in effect for the period the special items were recorded and this rate is adjusted for each subsequent quarter to be consistent with the estimated annual effective tax rate，in accordance with ASC 270，Interim Reporting，and ASC 740－270，Income Taxes－Intra Period Tax Allocation．For all periods presented，income taxes on pre－tax special items represent the current amount of tax．For more information related to these items，see the footnotes to the Consolidated Earnings Results on page 1.

## Packaging Corporation of America

## Reconciliation of Non-GAAP Financial Measures <br> Unaudited <br> (dollars in millions)

## EBITDA and EBITDA Excluding Special Items (1)

EBITDA represents income before non-operating pension expense, interest, income taxes, and depreciation, amortization, and depletion. The following table reconciles net income to EBITDA and EBITDA excluding special items:

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  |  |  | June 30, |  |  |  |
|  | 2019 |  | 2018 |  | 2019 |  | 2018 |  |
| Net income | \$ | 193.6 | \$ | 186.6 | \$ | 380.4 | \$ | 326.7 |
| Non-operating pension expense |  | 2.0 |  | 0.5 |  | 4.1 |  | 1.1 |
| Interest expense, net |  | 22.4 |  | 23.8 |  | 46.4 |  | 49.6 |
| Provision for income taxes |  | 62.4 |  | 58.7 |  | 124.9 |  | 105.1 |
| Depreciation, amortization, and depletion |  | 95.8 |  | 104.1 |  | 190.6 |  | 212.2 |
| EBITDA (1) | \$ | 376.2 | \$ | 373.7 | \$ | 746.4 | \$ | 694.7 |
| Special items: |  |  |  |  |  |  |  |  |
| Wallula mill restructuring |  | - |  | 8.6 |  | 0.4 |  | 9.3 |
| Facilities closure and other costs |  | - |  | - |  | - |  | 0.1 |
| EBITDA excluding special items (1) | \$ | 376.2 | \$ | 382.3 | \$ | 746.8 | \$ | 704.1 |

(1) See footnote (1) on page 2, for a discussion of non-GAAP financial measures.

## Packaging Corporation of America

## Reconciliation of Non-GAAP Financial Measures

Unaudited
(dollars in millions)
The following table reconciles segment income (loss) to EBITDA excluding special items:

|  | Three Months Ended |  |  |  | Six Months Ended |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | June 30, |  |  |  | June 30, |  |  |  |
|  | 2019 |  | 2018 |  | 2019 |  | 2018 |  |
| Packaging |  |  |  |  |  |  |  |  |
| Segment income | \$ | 263.9 | \$ | 273.2 | \$ | 513.4 | \$ | 497.9 |
| Depreciation, amortization, and depletion |  | 84.7 |  | 84.5 |  | 168.8 |  | 167.7 |
| EBITDA (1) |  | 348.6 |  | 357.7 |  | 682.2 |  | 665.6 |
| Wallula mill restructuring |  | - |  | 5.1 |  | 0.2 |  | 5.1 |
| Facilities closure and other costs |  | - |  | - |  | - |  | 0.1 |
| EBITDA excluding special items (1) | \$ | 348.6 | \$ | 362.8 | \$ | 682.4 | \$ | 670.8 |
|  |  |  |  |  |  |  |  |  |
| Paper |  |  |  |  |  |  |  |  |
| Segment income | \$ | 38.8 | \$ | 16.2 | \$ | 84.4 | \$ | 23.5 |
| Depreciation, amortization, and depletion |  | 9.4 |  | 18.0 |  | 18.5 |  | 41.3 |
| EBITDA (1) |  | 48.2 |  | 34.2 |  | 102.9 |  | 64.8 |
| Wallula mill restructuring |  | - |  | 3.5 |  | 0.2 |  | 4.2 |
| EBITDA excluding special items (1) | \$ | 48.2 | \$ | 37.7 | \$ | 103.1 | \$ | 69.0 |
|  |  |  |  |  |  |  |  |  |
| Corporate and Other |  |  |  |  |  |  |  |  |
| Segment loss | \$ | (22.3) | \$ | (19.8) | \$ | (42.0) | \$ | (38.9) |
| Depreciation, amortization, and depletion |  | 1.7 |  | 1.6 |  | 3.3 |  | 3.2 |
| EBITDA (1) |  | (20.6) |  | (18.2) |  | (38.7) |  | (35.7) |
| EBITDA excluding special items (1) | \$ | $\stackrel{(20.6)}{ }$ | \$ | (18.2) | \$ | (38.7) | \$ | (35.7) |
|  |  |  |  |  |  |  |  |  |
| EBITDA excluding special items (1) | \$ | 376.2 | \$ | 382.3 | \$ | 746.8 | \$ | 704.1 |

(1) See footnote (1) on page 2, for a discussion of non-GAAP financial measures.

