

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
	☒ a single-employer plan ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report ☐ the final return/report
	☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	▶ ☒
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program
	☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	▶ ☐

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>PACKAGING CORPORATION OF AMERICA THRIFT PLAN FOR HOURLY EMPLOYEES</u>	1b Three-digit plan number (PN) ▶	<u>001</u>
	1c Effective date of plan <u>02/01/2000</u>	
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>PACKAGING CORPORATION OF AMERICA</u> <u>1 NORTH FIELD COURT</u> <u>LAKE FOREST, IL 60045</u>	2b Employer Identification Number (EIN) <u>36-4277050</u>	
	2c Plan Sponsor's telephone number <u>847-482-3000</u>	
	2d Business code (see instructions) <u>322100</u>	

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	09/26/2023	MICHELLE WOJDYLA
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☐ Same as Plan Sponsor MICHELLE WOJDYLA VP - EMPLOYEE BENEFITS, PACKAGING CORPORATION OF AMERICA 1 NORTH FIELD COURT LAKE FOREST, IL 60045	3b Administrator's EIN 32-0415864 3c Administrator's telephone number 847-482-3009
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 13440
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 10735 6a(2) 10792 6b 0 6c 2741 6d 13533 6e 102 6f 13635 6g 13476 6h 1565
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2A 2F 2G 2J 2K 2O 2R 2S 2T 3F 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ 0 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan PACKAGING CORPORATION OF AMERICA THRIFT PLAN FOR HOURLY EMPLOYEES	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 PACKAGING CORPORATION OF AMERICA	D Employer Identification Number (EIN) 36-4277050

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a** Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b** If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
ALIGHT SOLUTIONS LLC	
82-1061233	

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
DREYFUS THE BOSTON COMPANY	1 BOSTON PLACE BOSTON, MA 02108

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
FRANKLIN TEMPLETON INVESTMENTS	1 FRANKLIN PKWY SAN MATEO, CA 94403

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
INVESCO	
58-1707262	

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

LOOMIS SAYLES

P.O. BOX 219594
KANSAS CITY, MA 64121

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

METROPOLITAN WEST

525 MARKET STREET, 10TH FLOOR
SAN FRANCISCO, CA 94105

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

VICTORY PORTFOLIOS

4900 TIEDMAN ROAD 4TH FLOOR
BROOKLYN, OH 44144

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

ALIGHT FINANCIAL SOLUTIONS, LLC

82-1061233

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
11 33 50 61 63 15	NONE	648772	Yes ☒ No ☐	Yes ☒ No ☐	341	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

GW CAPITAL INC.

68-0204817

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	NONE	513197	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

STATE STREET BANK & TRUST CO.

04-1867445

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	NONE	245743	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

NORTHERN TRUST COMPANY

36-1561860

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
20 50	NONE	140119	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

NORTHERN TRUST INVESTMENTS INC

36-3608252

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 50	NONE	30322	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

PERSHING LLC

13-2741729

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
59 61	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	15795	Yes ☐ No ☒

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ALIGHT FINANCIAL SOLUTIONS, LLC	63	56

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MULTIPLE MUTUAL FUND COMPANIES 82-1061233	AGGREGATED INVESTMENT MANAGER FUND

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
PERSHING LLC	61	285

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MULTIPLE MUTUAL FUND COMPANIES 13-2741729	FINDER'S FEES

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
ALIGHT FINANCIAL SOLUTIONS, LLC	61	462

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PERSHING LLC 13-2741729	FINDER'S FEES

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
PERSHING LLC	59	0
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
MULTIPLE MUTUAL FUND COMPANIES 13-2741729	SHAREHOLDER SERVICING FEES	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan PACKAGING CORPORATION OF AMERICA THRIFT PLAN FOR HOURLY EMPLOYEES	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 PACKAGING CORPORATION OF AMERICA	D Employer Identification Number (EIN) 36-4277050	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: PCA DEFINED CONTR. MASTER TRUST		
b Name of sponsor of entity listed in (a): PACKAGING CORPORATION OF AMERICA		
c EIN-PN 22-3696884-001	d Entity code M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 941097456
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN

d Entity
code

e Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>PACKAGING CORPORATION OF AMERICA THRIFT PLAN FOR HOURLY EMPLOYEES</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PACKAGING CORPORATION OF AMERICA</u>	D Employer Identification Number (EIN) <u>36-4277050</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....		1a	
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....		1b(1)	6203491054991
(2) Participant contributions.....		1b(2)	1086724984441
(3) Other.....		1b(3)	
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....		1c(1)	
(2) U.S. Government securities		1c(2)	
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred		1c(3)(A)	
(B) All other		1c(3)(B)	
(4) Corporate stocks (other than employer securities):			
(A) Preferred		1c(4)(A)	
(B) Common.....		1c(4)(B)	
(5) Partnership/joint venture interests		1c(5)	
(6) Real estate (other than employer real property)		1c(6)	
(7) Loans (other than to participants).....		1c(7)	
(8) Participant loans.....		1c(8)	3133168832820825
(9) Value of interest in common/collective trusts.....		1c(9)	
(10) Value of interest in pooled separate accounts		1c(10)	
(11) Value of interest in master trust investment accounts.....		1c(11)	1132578466941097456
(12) Value of interest in 103-12 investment entities		1c(12)	
(13) Value of interest in registered investment companies (e.g., mutual funds).....		1c(13)	
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)	
(15) Other		1c(15)	

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	1165617227	975957713

Liabilities

g Benefit claims payable	1g	88603	649808
h Operating payables	1h	309942	256348
i Acquisition indebtedness	1i		
j Other liabilities	1j	32650	36677
k Total liabilities (add all amounts in lines 1g through 1j)	1k	431195	942833

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	1165186032	975014880
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	49660318	
(B) Participants	2a(1)(B)	51954413	
(C) Others (including rollovers)	2a(1)(C)	4654466	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		106269197
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	1043242	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1043242
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-191562275
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-84249836
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	105072678	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		105072678
f Corrective distributions (see instructions)	2f		32951
g Certain deemed distributions of participant loans (see instructions)	2g		-762467
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	788891	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	789263	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1578154
j Total expenses. Add all expense amounts in column (b) and enter total	2j		105921316
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-190171152
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☒ Unmodified (2) ☐ Qualified (3) ☐ Disclaimer (4) ☐ Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) ☐ DOL Regulation 2520.103-8 (2) ☐ DOL Regulation 2520.103-12(d) (3) ☒ neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: GRANT THORNTON

(2) EIN: 36-6055558

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		15000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan PACKAGING CORPORATION OF AMERICA THRIFT PLAN FOR HOURLY EMPLOYEES		B Three-digit plan number (PN) 001
C Plan sponsor's name as shown on line 2a of Form 5500 PACKAGING CORPORATION OF AMERICA		D Employer Identification Number (EIN) 36-4277050
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 36-3046063		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....		☐ Yes ☒ No
11 a Does the ESOP hold any preferred stock?.....		☐ Yes ☒ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....		☐ Yes ☒ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....		☐ Yes ☒ No
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:	14a		
a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....		14b	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)			14c
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)			
15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:	15a		
a The corresponding number for the plan year immediately preceding the current plan year.....		15b	
b The corresponding number for the second preceding plan year.....			
16 Information with respect to any employers who withdrew from the plan during the preceding plan year:	16a		
a Enter the number of employers who withdrew during the preceding plan year		16b	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....			
17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment		☐	

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

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

FORM 11-K

(Mark One)

☒ **ANNUAL REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the fiscal year ended December 31, 2022

or

☐ **TRANSITION REPORT PURSUANT TO SECTION 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934**

For the transition period from _____ to _____

Commission file number 1-15399

A. Full title of the plan and the address of the plan, if different from that of the issuer named below:

**Packaging Corporation of America
Thrift Plan for Hourly Employees**

B. Name of the issuer of the securities held pursuant to the plan and the address of its principal executive office:

**Packaging Corporation of America
1 North Field Court
Lake Forest, IL 60045**

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**Packaging Corporation of America
Thrift Plan for Hourly Employees**

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* Schedules required by Form 5500 that are not applicable have not been included.

Report of Independent Registered Public Accounting Firm

Plan Administrator and Plan Participants
Packaging Corporation of America Thrift Plan for Hourly Employees

Opinion on the financial statements

We have audited the accompanying statements of net assets available for benefits of Packaging Corporation of America Thrift Plan for Hourly Employees (the “Plan”) as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes (collectively referred to as the “financial statements”). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the year ended December 31, 2022 in conformity with accounting principles generally accepted in the United States of America.

Basis for opinion

These financial statements are the responsibility of the Plan’s management. Our responsibility is to express an opinion on the Plan’s financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) (“PCAOB”) and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Plan’s internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental information

The schedule of assets (held at end of year) as of December 31, 2022 (“supplemental information”) has been subjected to audit procedures performed in conjunction with the audit of the Plan’s financial statements. The supplemental information is the responsibility of the Plan’s management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.

/s/ GRANT THORNTON LLP

We have served as the Plan’s auditor since 2020.

Chicago, Illinois
May 31, 2023

GRANT THORNTON LLP

Grant Thornton Tower
171 N. Clark St., Suite 200
Chicago, IL 60601-3370

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F +1 312 602 8099

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Plan Administrator and Plan Participants
Packaging Corporation of America Thrift Plan for Hourly Employees

Opinion on the financial statements

We have audited the accompanying statements of net assets available for benefits of Packaging Corporation of America Thrift Plan for Hourly Employees (the "Plan") as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes (collectively referred to as the "financial statements"). In our opinion, the financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in net assets available for benefits for the year ended December 31, 2022 in conformity with accounting principles generally accepted in the United States of America.

Basis for opinion

These financial statements are the responsibility of the Plan's management. Our responsibility is to express an opinion on the Plan's financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Plan in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. The Plan is not required to have, nor were we engaged to perform, an audit of its internal control over financial reporting. As part of our audits we are required to obtain an understanding of internal control over financial reporting but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion.

Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Supplemental information

The schedule of assets (held at end of year) as of December 31, 2022 ("supplemental information") has been subjected to audit procedures performed in conjunction with the audit of the Plan's financial statements. The supplemental information is the responsibility of the Plan's management. Our audit procedures included determining whether the supplemental information reconciles to the financial statements or the underlying accounting and other records, as applicable, and performing procedures to test the completeness and accuracy of the information presented in the supplemental information. In forming our opinion on the supplemental information, we evaluated whether the supplemental information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. In our opinion, the supplemental information is fairly stated, in all material respects, in relation to the financial statements as a whole.



We have served as the Plan's auditor since 2020.

Chicago, Illinois
May 31, 2023

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REPORT OF INDEPENDENT CERTIFIED PUBLIC ACCOUNTANTS

Plan Administrator and Plan Participants
Packaging Corporation of America Thrift Plan for Hourly Employees

Opinion

We have audited the financial statements of Packaging Corporation of America Thrift Plan for Hourly Employees (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America.

Basis for opinion

We conducted our audits of the financial statements in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of management for the financial statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for one year after the date the financial statements are issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's responsibilities for the audit of the financial statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with US GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Supplemental schedules required by ERISA

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of assets (held at end of year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such supplementary information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the

auditing procedures applied in the audits of the financial statements and certain additional procedures. These additional procedures included comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with US GAAS.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying supplemental schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

Grant Thornton LLP

Chicago, Illinois
May 31, 2023

**Packaging Corporation of America
Thrift Plan for Hourly Employees
Statements of Net Assets Available for Benefits**

	December 31,	
	2022	2021
Assets		
Plan's interest in Master Trust	\$941,097,456	\$1,132,578,466
Notes receivable from participants	32,820,825	31,331,688
Contributions receivable:		
Company	1,054,991	620,349
Participants	984,441	1,086,724
Total assets	975,957,713	1,165,617,227
Liabilities		
Administrative expenses payable	256,348	309,942
Refund of excess contributions	36,677	32,650
Total liabilities	293,025	342,592
Net assets available for benefits	<u>\$975,664,688</u>	<u>\$1,165,274,635</u>

See accompanying Notes to Financial Statements.

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**Packaging Corporation of America
Thrift Plan for Hourly Employees
Statement of Changes in Net Assets Available for Benefits**

	Year Ended December 31, 2022
Interest income from notes receivable from participants	\$ 1,043,242
Net investment loss from Master Trust	(191,562,275)
Contributions:	
Participants	51,954,413
Company	49,660,318
Rollover	4,654,466
Total contributions	106,269,197
Benefits paid to participants	(103,781,957)
Administrative expenses	(1,578,154)
Net decrease	(189,609,947)
Net assets available for benefits:	
Beginning of year	1,165,274,635
End of year	\$ 975,664,688

See accompanying Notes to Financial Statements.

**Packaging Corporation of America
Thrift Plan for Hourly Employees
Notes to Financial Statements
December 31, 2022 and 2021**

1. Description of the Plan

The following description of the Packaging Corporation of America Thrift Plan for Hourly Employees (the “Plan”) provides general information. The Plan Sponsor is Packaging Corporation of America (the “Company” or “PCA”). Participants should refer to the Plan document, including the special appendix sections (“Special Appendix”), for a more complete description of eligibility requirements, contribution limits, Company matching contributions, and vesting provisions. There is a Special Appendix for each Company location.

General

The Plan is a defined-contribution plan, established on February 1, 2000, and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”). The Plan covers eligible hourly employees of the Company, its subsidiaries, and the covered groups that have adopted the Plan. The Benefits Administration Committee is responsible for the oversight of the Plan. The Investment Committee determines the appropriateness of the Plan’s investment offerings and monitors investment performance. Both committees are appointed by the Board of Directors of the Company.

Alight Solutions is the Plan’s record keeper. Northern Trust is the Plan’s trustee and custodian. Mercer is a §3(38) investment advisor to the Plan.

In December 2021, PCA acquired Advance Packaging Corporation, and participants were allowed to roll over 401(k) account balances and loans into the Plan.

Contributions

Upon hire, eligible employees receive written notice of the automatic enrollment process into the Plan, which occurs 45 days after the date of hire. Automatic enrollment will not occur if the employee decides to enroll prior to the automatic enrollment date or if the employee opts out of participation in the Plan. Eligible employees electing to participate in the Plan may make salary deferral contributions through payroll deductions based upon the deferral percentage limits specified in each covered Special Appendix that vary by geographic location, with such contributions limited to \$20,500 in 2022 for employees under age 50, and \$27,000 in 2022 for employees age 50 and older. The Company contributes on behalf of the participants a matching contribution equal to an amount detailed in each location’s Special Appendix. The Company’s matching contributions are invested in the Plan’s investment funds based on the participant investment elections.

The Company makes a retirement savings contribution to certain eligible employees of up to 6.5% of compensation based on years of service and/or age, as defined in the location’s Special Appendix. This contribution is made on behalf of the employee regardless of whether or not the employee is contributing to the Plan.

Participants may make Roth contributions to the Plan, which are after-tax contributions whose earnings are not taxable upon qualified distribution. Total 2022 employee contributions, both before-tax and Roth after-tax, cannot exceed \$20,500 for employees under age 50 and \$27,000 for employees age 50 and older.

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Participant Accounts

Each participant's account is credited with the participant's contributions, Company contributions, and an allocation of Plan earnings or losses. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

Vesting

Participants are 100% vested immediately in the value of their contributions, earnings thereon and rollovers from other qualified plans.

The Company's matching contribution and the retirement savings contribution, and earnings thereon, vest at a rate specified in each Special Appendix. To the extent a participant is not 100% vested in the Company's matching contributions or retirement savings contribution, upon attainment of age 65 or termination of employment due to death or permanent disability, a participant will become 100% vested in the Company's matching contributions and retirement savings contributions. Forfeited non-vested accounts are applied to reduce future Company contributions.

Investment Options

Participants may elect to invest their account balances in any of the available investment options provided by the Plan through the PCA Defined Contribution Master Trust (the "Master Trust"). Participants may change their investment options on any business day, subject to certain short-term trading restrictions outlined in the Plan document.

The portion of the Plan's interest in the Master Trust currently invested in the PCA Common Stock Fund, and any future employee or employer contributions used to acquire PCA common stock, is invested in the Employee Stock Ownership Plan ("ESOP") component of the Plan. Plan participants may instruct the Plan's trustee to distribute future cash dividends paid on shares of PCA common stock credited to their PCA common stock ESOP directly to them. The election to receive cash dividends is made through the PCA Benefits Center, and dividends will be reported as taxable income.

Benefit Payments

In the event of retirement (as defined in the Plan), death, permanent disability, or termination of employment, the vested balance in the participant's account will generally be distributed to the participant or the participant's beneficiary in a single lump-sum cash payment. The portion of the participant's account invested in the PCA Common Stock Fund will be distributed in cash unless elected to be distributed in kind. In-service withdrawals of rollover contributions and related earnings and certain predecessor plan account balances, as defined, are available for any reason. Benefit payments are recorded when paid.

Certain participants, as specified in each covered location's Special Appendix, who have attained age 55 may elect an in-service withdrawal from their vested Company matching contribution account. Participants, as specified in each location's Special Appendix, who have attained age 59 1/2 may elect to withdraw all or part of their account balance. A participant's entire account balance shall be distributed no later than April 1 following the later of the calendar year in which the participant attains age 69 or the calendar year in which the participant's termination of employment occurs.

Administrative Expenses

Participant accounts are charged \$20.00 per quarter for administrative expenses. If administrative expenses exceed the amount paid by participants, the Company will pay the difference. Administrative expenses primarily include record keeper fees, investment management expenses, and professional service fees.

Notes Receivable from Participants

Certain participants, as specified in each covered location's Special Appendix, may borrow an amount up to the lesser of \$50,000 or 50% of their vested account balance. The minimum loan amount is \$1,000. Such loans bear interest at the prime rate as published by *The Wall Street Journal* and are secured by the participant's account balance in the Plan. Loans must be repaid within 60 months, with principal and interest payments made primarily through payroll deductions. There may be loans that exceed the 60 month re-payment period, but only if they were transferred in from another plan, and that plan had allowed for a payment period beyond 60 months. Employees on unpaid leave may continue to repay loans via personal check or money order during their period of absence. Participants also have the ability to elect to make a one-time repayment of their outstanding loan balance, of which the payment can be made via personal check or money order. Participants may take up to two general purpose loans. A loan is considered in default and becomes a taxable event when a loan is not current at the end of the cure period, the quarter following the quarter in which the payment was missed.

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Interest rates on loans outstanding in the Plan at both December 31, 2022 and 2021 ranged from 3.25% to 9.75%.

Forfeited Accounts

At December 31, 2022 and 2021, forfeited non-vested accounts totaled approximately \$2,906,000 and \$2,620,000, respectively. These accounts will be used to reduce future employer contributions. In 2022, employer contributions were reduced by approximately \$3,185,000 for forfeited non-vested accounts.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants will become 100% vested in the Company's matching and retirement savings contributions and earnings thereon.

2. Significant Accounting Policies

Basis of Accounting

The financial statements have been prepared on the accrual basis of accounting.

Investment Valuation and Income Recognition

The Plan's beneficial interest in the Master Trust represents the Plan's share of the Master Trust's investments stated at fair value (except for fully-benefit responsive investment contracts, which are reported at contract value). Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). Contract value is the amount that participants would receive if they were to initiate permitted transactions under the terms of the Plan. See Note 3 for further discussion and disclosures related to fair value and contract value measurements.

Purchases and sales of securities in the Master Trust are recorded on the settlement date. Interest income within the Master Trust is recorded on the accrual basis. Dividends within the Master Trust are recorded on the ex-dividend date. Net appreciation/depreciation in the Master Trust includes the gains and losses on investments bought and sold as well as held during the year.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan Administrator to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Notes Receivable from Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. If a participant ceases to make loan repayments and the provisions of the Plan document deem the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

3. Investments in Master Trust

The Master Trust includes assets of the Plan and the Packaging Corporation of America Retirement Savings Plan for Salaried Employees. All of the Plan's investments are invested in the Master Trust. The purpose of the Master Trust is the collective investment of assets of the participating plans. Each participating plan's interest in the Master Trust is based on the aggregate account balances of the participants in the respective participating plan. The Master Trust specifically identifies contributions, benefit payments, and plan-specific expenses attributable to each participating plan. Investment gains (losses) are allocated to each participating plan in the Master Trust on a daily basis based on each plan's divided interest in the Master Trust. At December 31, 2022 and 2021, the Plan's interest in the net assets of the Master Trust was \$941,097,456 and \$1,132,578,466, respectively.

The following table presents the investments and other assets and liabilities of the Master Trust and the Plan's divided interest in the Master Trust as of December 31, 2022:

	Master Trust Balances	Plan's Divided Interest in Master Trust Balances
Master Trust investments, at fair value:		
Mutual funds	\$ 31,970,151	\$ 13,268,524
Self-directed brokerage accounts	42,458,739	21,222,249
Collective trust funds	1,031,590,439	414,721,618
Target date collective funds	588,511,716	334,285,891
Short-term investment funds	5,664,580	2,560,651
Company common stock fund	153,653,398	33,836,764
Total Master Trust investments, at fair value	1,853,849,023	819,895,697
Master Trust investments at contract value (a):		
Synthetic guaranteed investment contracts	252,741,815	121,201,759
Total Master Trust investments	<u>\$2,106,590,838</u>	<u>\$ 941,097,456</u>

The following table presents the investments and other assets and liabilities of the Master Trust and the Plan's divided interest in the Master Trust as of December 31, 2021:

	Master Trust Balances	Plan's Divided Interest in Master Trust Balances
Master Trust investments, at fair value:		
Mutual funds	\$ 32,515,989	\$ 14,308,047
Self-directed brokerage accounts	55,817,752	30,067,130
Collective trust funds	1,355,504,237	542,720,474
Target date collective funds	720,775,616	394,481,071
Short-term investment funds	5,303,338	1,365,768
Company common stock fund	165,405,814	35,587,847
Total Master Trust investments, at fair value	2,335,322,746	1,018,530,337
Master Trust investments at contract value (a):		
Synthetic guaranteed investment contracts	238,461,956	114,048,129
Total Master Trust investments	<u>\$2,573,784,702</u>	<u>\$ 1,132,578,466</u>

- (a) The Master Trust holds a portfolio of synthetic guaranteed investment contracts within the PCA Stable Value Fund, which are measured at contract value and are therefore not included in the calculation of total net assets at fair value.

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Net investment loss for the Master Trust was as follows:

	Year Ended December 31, 2022
Interest income	\$ 993,932
Dividends	5,687,736
Other loss	(520)
Net realized and unrealized depreciation in fair value of investments	(427,131,439)
Net investment loss	<u><u>\$(420,450,291)</u></u>

Fair Value Measurement

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., an exit price). The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets and liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

Level 1 — Unadjusted quoted prices in active markets that are accessible to the reporting entity at the measurement date for identical assets and liabilities.

Level 2 — Inputs other than quoted prices in active markets for identical assets and liabilities that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:

- Quoted prices for similar assets and liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in markets that are not active
- Observable inputs other than quoted prices that are used in the valuation of the assets or liabilities (e.g., interest rate and yield curve quotes at commonly quoted intervals)
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means

Level 3 — Unobservable inputs for the asset or liability (i.e., supported by little or no market activity). Level 3 inputs include management's own assumption about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk).

Assets that are measured at fair value using the net asset value ("NAV") per share as a practical expedient are not categorized within the fair value hierarchy.

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level of input that is significant to the fair value measurement in its entirety.

The following is a description of the valuation techniques and inputs used for each major class of asset measured to estimate fair value by the Master Trust.

Mutual funds: Valued at the daily closing price reported by the funds. Mutual funds held by the Master Trust are open-ended mutual funds that are registered with the Securities Exchange Commission. These funds are required to publish daily net asset values and to transact at that price. The mutual funds held by the Master Trust are considered actively traded.

Self-directed brokerage account: Valued at the closing price reported on the active market on which the individual securities are traded.

Collective trust funds, target date collective funds, and short-term investment funds: Most of the assets in these categories are valued at the NAV provided by the administrator of the fund. The NAV is based on the underlying assets owned by the fund, minus its liabilities, and then divided by the number of shares outstanding. The assets without readily determinable fair values are valued using the NAV per share practical expedient and are subsequently excluded from the fair value hierarchy. In general, there are no restrictions on the redemption of these funds, which is permitted daily upon proper notice, and there are no unfunded commitments associated with these funds.

Company common stock fund: Valued using the unit value calculated from the observable market price of the PCA common stock plus the cost of a small short-term investment fund held for liquidity purposes, which approximates fair value.

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The following tables set forth by level, within the fair value hierarchy, the Master Trust's assets carried at fair value:

	December 31, 2022				
	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Master Trust assets (b)(c):					
Mutual funds	\$ 31,970,151	\$ —	\$ —	\$ —	\$ 31,970,151
Self-directed brokerage	42,458,739	—	—	—	42,458,739
Company common stock fund	153,653,398	—	—	—	153,653,398
Collective trust funds	—	—	—	1,031,590,439	1,031,590,439
Target date collective funds	—	—	—	588,511,716	588,511,716
Short-term investment funds	—	—	—	5,664,580	5,664,580
Total Master Trust assets	<u>\$228,082,288</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$1,625,766,735</u>	<u>\$1,853,849,023</u>
	December 31, 2021				
	Level 1	Level 2	Level 3	Net Asset Value (NAV)	Total
Master Trust assets (b)(c):					
Mutual funds	\$ 32,515,989	\$ —	\$ —	\$ —	\$ 32,515,989
Self-directed brokerage	55,817,752	—	—	—	55,817,752
Company common stock fund	165,405,814	—	—	—	165,405,814
Collective trust funds	—	—	—	1,355,504,237	1,355,504,237
Target date collective funds	—	—	—	720,775,616	720,775,616
Short-term investment funds	—	—	—	5,303,338	5,303,338
Total Master Trust assets	<u>\$253,739,555</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$2,081,583,191</u>	<u>\$2,335,322,746</u>

- (b) The Plan determined that certain assets held in the Master Trust that do not have readily determinable fair values are measured at fair value using the NAV per share practical expedient and are not classified within the fair value hierarchy.
- (c) The Master Trust holds a portfolio of synthetic guaranteed investment contracts within the PCA Stable Value Fund, which are measured at contract value and are therefore not included in the fair value hierarchy.

Synthetic Guaranteed Investment Contracts

During the years ended December 31, 2022 and 2021, the Plan, through the PCA Stable Value Fund within the Master Trust, held investments in a portfolio of synthetic guaranteed investment contracts. The contracts in the PCA Stable Value Fund are fully benefit-responsive and therefore they are reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount that participants would receive if they were to initiate permitted transactions under the terms of the Master Trust and Plan. The contract value is calculated from the contributions made under the contracts plus interest credited less participant withdrawals and fees.

The PCA Stable Value Fund primarily invests in synthetic security-backed investment contracts and cash funds. Synthetic security-backed investment contracts are issued by insurance companies and other financial institutions (the “wrap contracts”) that are backed by a portfolio of bonds, fixed income common/collective trust funds, or other fixed income securities (the “underlying assets”) that are owned by the Master Trust and Plan.

The wrap contract issuers provide a rate of return that has a zero percent floor guarantee and provide full benefit responsiveness, provided that all terms of the wrap contracts have been met. Under the contracts, realized and unrealized gains and losses on the underlying assets are not immediately recognized in the net assets of the Master Trust and Plan, but are amortized over the maturity or duration of the underlying assets, through adjustments to the future interest crediting rate of the wrap contracts.

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As of December 31, 2022 and 2021, there were no reserves against the wrap contract's carrying values due to credit risks of the issuers. Certain events limit the ability of the Master Trust and Plan to transact at contract value with the wrap contract issuers. Such events may include, but are not limited to, Plan sponsor events that cause significant withdrawals from the PCA Stable Value Fund. However, the Master Trust and Plan's management is not aware of the occurrence, or likely occurrence of any such events, which would limit the Master Trust and Plan's ability to transact at contract value with the wrap contract issuers. The wrap contracts cannot be terminated by the issuer at a value other than contract value except under a limited number of very specific circumstances such as termination of the Master Trust or Plan or loss of qualified status of the Master Trust or Plan, material misrepresentations by the Master Trust or Plan sponsor or investment manager, the failure of the Plan's trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA, failure by these same parties to meet material obligations under the contracts, or other similar types of events. However, the Master Trust and Plan's management is unaware of any such events occurring that would allow the wrap contract issuers to terminate the contracts held by the Master Trust and Plan.

4. Tax Status

The Plan has received a determination letter from the Internal Revenue Service ("IRS") dated March 2, 2017 stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code ("the Code") and therefore, the related trust is exempt from taxation. Subsequent to this determination by the IRS, the Plan was amended. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The Plan Administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes the Plan, as amended, is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The Plan Administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2022 and 2021, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

5. Risks and Uncertainties

The Plan, through the Master Trust, invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

6. Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements to Form 5500:

	December 31,	
	2022	2021
Net assets available for benefits per the financial statements	\$975,664,688	\$1,165,274,635
Amounts allocated to withdrawn participants	(649,808)	(88,603)
Net assets available for benefits per Form 5500	<u>\$975,014,880</u>	<u>\$1,165,186,032</u>

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The following is a reconciliation of net decrease per the financial statements to Form 5500:

	Year Ended December 31, 2022
Total net decrease per the financial statements	<u>\$(189,609,947)</u>
Amounts allocated to withdrawing participants at December 31, 2021	88,603
Amounts allocated to withdrawing participants at December 31, 2022	<u>(649,808)</u>
Total net decrease per the Form 5500	<u><u>\$(190,171,152)</u></u>

7. Transactions with Parties-in-Interest

Under ERISA rules related to 401(k) plans, transactions with related parties of the Plan such as a sponsor, administrator, trustee, acquired entities by the Plan sponsor, or participant are considered either exempt or non-exempt from ERISA prohibited transaction provisions. Non-exempt transactions are subject to penalty taxes.

The Plan invests in the common stock of the Company through a common stock fund. These transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transactions rules under ERISA. During 2022, the Plan received \$1,216,025 in common stock dividends from the Company.

The Plan's record keeper, trustee, custodian and investment advisor described in Note 1 are each a party-in-interest to the Plan as defined by ERISA. As of December 31, 2022, the Master Trust held two collective trust funds and one short-term investment fund that were managed by Northern Trust, the Plan's custodian. The transactions associated with these three funds qualify as party-in-interest transactions.

8. Subsequent Events

The Plan has evaluated subsequent events after the statement of net assets available for plan benefits date through May 31, 2023, the date that the financial statements were issued.

INDEX TO EXHIBITS

<u>Exhibit Number</u>	<u>Description</u>
23.1	Consent of Grant Thornton LLP

SIGNATURES

The Plan. Pursuant to the requirements of the Securities Exchange Act of 1934, the Benefits Administration Committee of Packaging Corporation of America has duly caused this annual report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: May 31, 2023

Packaging Corporation of America
Thrift Plan for Hourly Employees

/s/ PAMELA A. BARNES

Pamela A. Barnes
*Senior Vice President, Finance and
Controller*

Consent of Independent Registered Public Accounting Firm

We have issued our report dated May 31, 2023 with respect to the financial statements and supplemental information included in the Annual Report of Packaging Corporation of America Thrift Plan for Hourly Employees on Form 11-K for the year ended December 31, 2022. We consent to the incorporation by reference of said report in the Registration Statement of Packaging Corporation of America in Forms S-8 (File No. 333-179620, File No. 333-202723 and File No. 333-238155).

/s/ GRANT THORNTON LLP

Chicago, Illinois

May 31, 2023

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We have issued our report dated May 31, 2023 with respect to the financial statements and supplemental information included in the Annual Report of Packaging Corporation of America Thrift Plan for Hourly Employees on Form 11-K for the year ended December 31, 2022. We consent to the incorporation by reference of said report in the Registration Statement of Packaging Corporation of America in Forms S-8 (File No. 333-179620, File No. 333-202723 and File No. 333-238155).

Brent Thornton LLP

Chicago, Illinois
May 31, 2023

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I Annual Report Identification Information	
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here. ☒	
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description) _____
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ☐	

Part II Basic Plan Information—enter all requested information											
1a Name of plan PACKAGING CORPORATION OF AMERICA THRIFT PLAN FOR HOURLY EMPLOYEES	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;">001</td> </tr> <tr> <td colspan="2">1c Effective date of plan 02/01/2000</td> </tr> <tr> <td colspan="2">2b Employer Identification Number (EIN) 36-4277050</td> </tr> <tr> <td colspan="2">2c Plan Sponsor's telephone number 847-482-3000</td> </tr> <tr> <td colspan="2">2d Business code (see instructions) 322100</td> </tr> </table>	1b Three-digit plan number (PN) ▶	001	1c Effective date of plan 02/01/2000		2b Employer Identification Number (EIN) 36-4277050		2c Plan Sponsor's telephone number 847-482-3000		2d Business code (see instructions) 322100	
1b Three-digit plan number (PN) ▶	001										
1c Effective date of plan 02/01/2000											
2b Employer Identification Number (EIN) 36-4277050											
2c Plan Sponsor's telephone number 847-482-3000											
2d Business code (see instructions) 322100											
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) PACKAGING CORPORATION OF AMERICA 1 NORTH FIELD COURT LAKE FOREST IL 60045											

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE		<u>9/26/2023</u>	MICHELLE WOJDYLA
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☐ Same as Plan Sponsor MICHELLE WOJDYLA VP - EMPLOYEE BENEFITS, PACKAGING CORPORATION OF AMERICA 1 NORTH FIELD COURT LAKE FOREST IL 60045	3b Administrator's EIN 32-0415864 3c Administrator's telephone number 847-482-3009
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 13,440
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1), 6a(2), 6b, 6c, and 6d).	
a(1) Total number of active participants at the beginning of the plan year	6a(1) 10,735
a(2) Total number of active participants at the end of the plan year	6a(2) 10,792
b Retired or separated participants receiving benefits	6b 0
c Other retired or separated participants entitled to future benefits	6c 2,741
d Subtotal. Add lines 6a(2), 6b, and 6c	6d 13,533
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e 102
f Total. Add lines 6d and 6e	6f 13,635
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g 13,476
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 1,565
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2A 2F 2G 2J 2K 2O 2R 2S 2T 3F 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)	
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information - Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

Packaging Corporation of America
Thrift Plan for Hourly Employees

Schedule H, Line 4i — Schedule of Assets
(Held at End of Year)
EIN 36-4277050 Plan 001

December 31, 2022

	<u>Rate of Interest</u>	<u>Maturity</u>	<u>Cost</u>	<u>Current Value</u>
Notes Receivable from Participants		Maturity dates through		
*Various (5,966 loans to 3,850 participants)	3.25%-9.75%	March 11, 2030	\$ **	\$32,820,825
Total Assets (Held at End of Year)				<u>\$32,820,825</u>

* Denotes a party-in-interest to the Plan as defined by ERISA
** Cost information is omitted as all assets are participant-directed

See accompanying report of independent registered public accounting firm.