

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 01/01/2022 and ending 12/31/2022	
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 THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	1b Three-digit plan number (PN) ▶ 030
	1c Effective date of plan 07/01/1980
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) HEARTLAND CO-OP PO BOX 71399 DES MOINES, IA 50325-0399	2b Employer Identification Number (EIN) 42-0242420 2c Plan Sponsor's telephone number 515-225-1334 2d Business code (see instructions) 115110

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.	10/06/2023	KELLY HAYERTZ
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/13/2023	CRAIG MOMMER
	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 ASSOCIATED BENEFITS CORPORATION 1415 28TH STREET, SUITE 100 WEST DES MOINES, IA 50266-1450	3b Administrator's EIN 42-1279416 3c Administrator's telephone number 515-226-0303
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 HEARTLAND COOPERATIVE c Plan Name THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	4b EIN 42-0242420 4d PN 030
5 Total number of participants at the beginning of the plan year	5 882
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) 589 6a(2) 609 6b 7 6c 269 6d 885 6e 12 6f 897 6g 690 6h 0
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: 2F 2G 2J 2K 2E 2S 2T 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 _____

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 THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	B Three-digit plan number (PN) ▶	030
C Plan sponsor's name as shown on line 2a of Form 5500 HEARTLAND CO-OP	D Employer Identification Number (EIN) 42-0242420	

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
THE VANGUARD GROUP, INC.
23-1945930

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
GALLIARD CAPITAL MANAGEMENT, INC.
41-1813702

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
STATE STREET GLOBAL ADVSR TRUST CO.
81-4017137

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
SEI TRUST COMPANY
06-1271230

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

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(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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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?
13 37 50 64	CONTRACT ADMINISTRATOR	35865	Yes ☒ No ☐	Yes ☒ No ☐	6785	Yes ☒ No ☐

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

EDELMAN FINANCIAL ENGINES, LLC

94-3250323

(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?
26 50	INVESTMENT ADVISOR	27675	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ASSOCIATED BENEFITS CORPORATION

42-1279416

(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?
14 50	PLAN ADMINISTRATOR	10560	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)

DST ASSET MANAGER SOLUTION, INC.

PO BOX 219502
KANSAS CITY, MO 64121-9502

(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?
19 52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

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

WELLINGTON TRUST CO., NA

280 CONGRESS STREET
BOSTON, MA 02210

(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?
19 52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	Yes ☒ No ☐

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

MASSACHUSETTS FINANCIAL SERVICES CO

04-2747644

(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?
19 52	NONE	0	Yes ☒ No ☐	Yes ☐ No ☒	0	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
PRINCIPAL LIFE INSURANCE COMPANY	13 37 50 64	6785
(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.	
EDELMAN FINANCIAL ENGINES, LLC 94-3250323	QUARTERLY SET UP AND MAINTENCE FEES PLUS PER PARTICIPANT FEE NOT TO EXCEED 35% OF FEES RECEIVED BY EDELMAN FINANCIAL ENGINES EACH QUARTER	
(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:	DELOITTE & TOUCHE LLP
c Position:	AUDITOR
d Address:	699 WALNUT ST STE 1800 DES MOINES, IA 50309
b EIN:	13-3891517
e Telephone:	515-288-1200

Explanation: PREFERRED TO USE A DIFFERENT ATTEST FIRM TO OBTAIN FRESH INSIGHTS FOR THE EMPLOYEE BENEFIT AUDIT.

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

Explanation:

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

Explanation:

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

Explanation:

a Name:	
c Position:	
d Address:	
b EIN:	
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.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	B Three-digit plan number (PN) ►	030
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 HEARTLAND CO-OP	D Employer Identification Number (EIN) 42-0242420	
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)		
a Name of MTIA, CCT, PSA, or 103-12 IE: ABC STABLE VALUE FUND		
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY		
c EIN-PN 46-6836772-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10578365
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA S&P 500 INDEX FUND		
b Name of sponsor of entity listed in (a): STATE STREET BANK AND TRUST COMPANY		
c EIN-PN 90-0337987-306	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 9086504
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA U.S. BOND INDEX FUND		
b Name of sponsor of entity listed in (a): STATE STREET BANK AND TRUST COMPANY		
c EIN-PN 90-0337987-178	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1618441
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA RUSSELL SMALL/MID-CAP INDEX FD		
b Name of sponsor of entity listed in (a): STATE STREET BANK AND TRUST COMPANY		
c EIN-PN 90-0337987-167	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1284408
a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA GLOBAL EQUITY FUND		
b Name of sponsor of entity listed in (a): STATE STREET BANK AND TRUST COMPANY		
c EIN-PN 32-6528132-017	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1369917
a Name of MTIA, CCT, PSA, or 103-12 IE: WELLINGTON SMALL CAP OPPORTUNITIES		
b Name of sponsor of entity listed in (a): WELLINGTON TRUST COMPANY		
c EIN-PN 04-6913417-012	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3442544
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT INC TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083967-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 615243

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2015 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083984-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2020 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083982-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1320267

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2025 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083980-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3578757

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2030 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083978-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2710666

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2035 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083976-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1861889

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2040 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083974-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1981827

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2045 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083972-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1416439

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2050 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 90-6083970-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1531053

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2055 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 27-6715091-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 828811

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2060 TRUST II FD		
b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.		
c EIN-PN 45-3799419-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 647415

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TRGT RTMT 2065 TRUST II FD

b Name of sponsor of entity listed in (a): THE VANGUARD GROUP, INC.

c EIN-PN 82-6194314-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 134304
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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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
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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>THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES</u>	B Three-digit plan number (PN) ►	030
C Plan sponsor's name as shown on line 2a of Form 5500 <u>HEARTLAND CO-OP</u>	D Employer Identification Number (EIN) <u>42-0242420</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)	
(2) Participant contributions.....		1b(2)	
(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)	426699429296
(9) Value of interest in common/collective trusts.....		1c(9)	5422349344006850
(10) Value of interest in pooled separate accounts.....		1c(10)	
(11) Value of interest in master trust investment accounts.....		1c(11)	
(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)	23839441864851
(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	57034136	46300997

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	57034136	46300997
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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)	139058	
(B) Participants	2a(1)(B)	2137300	
(C) Others (including rollovers)	2a(1)(C)	199786	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2476144
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)	20817	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		20817
(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)	27490	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		27490
(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)		-7125638
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(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)		-356701
c Other income	2c		1016
d Total income. Add all income amounts in column (b) and enter total	2d		-4956872
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	5681219	
(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)		5681219
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		12361
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	420	
(2) Contract administrator fees	2i(2)	46425	
(3) Investment advisory and management fees	2i(3)	27675	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		74520
j Total expenses. Add all expense amounts in column (b) and enter total	2j		5768100
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-10724972
l Transfers of assets:			
(1) To this plan	2l(1)		663454
(2) From this plan	2l(2)		671621

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: **MAYER HOFFMAN MCCANN PC**

(2) EIN: **43-1947695**

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		1000000
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)
THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	42-0243650	030
THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	42-1009976	030
THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	42-0241770	030
THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	20-2096489	030

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 _____.

	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			
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			
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			
e Was this plan covered by a fidelity bond?			
4e			
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?			
4f			
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			
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			
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)			
4i			
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			
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			
l Has the plan failed to provide any benefit when due under the plan?			
4l			
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
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)
THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES	42-0519835	030

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 THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES		B Three-digit plan number (PN) ► 030
C Plan sponsor's name as shown on line 2a of Form 5500 HEARTLAND CO-OP		D Employer Identification Number (EIN) 42-0242420
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): 42-0127290		
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:		
	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).....	14a	
	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)	14b	
	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)	14c	
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:		
	a The corresponding number for the plan year immediately preceding the current plan year.....	15a	
	b The corresponding number for the second preceding plan year.....	15b	
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:		
	a Enter the number of employers who withdrew during the preceding plan year	16a	
	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.....	16b	
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
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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 _____

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

FINANCIAL STATEMENTS

(Modified Cash Basis)

Years Ended December 31, 2022 and 2021





INDEPENDENT AUDITORS' REPORT

To the Board of Directors
Associated Benefits Corporation
Plan Administrator for The Restated Thrift/Profit Sharing Plan for Cooperatives
(Participating Employer – Heartland Co-op, Group 282)

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2022 Financial Statements

We have performed the audit of the financial statements of The Restated Thrift Profit Sharing Plan for Cooperatives (Participating Employer – Heartland Co-op, Group 282) ("the Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements comprise the statement of net assets available for benefits (modified cash basis) as of December 31, 2022, the related statement of changes in net assets available for benefits (modified cash basis) for the year then ended, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audit of the 2022 financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audit need not extend to any statements or information related to assets held for investment of the Plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained a certification from a qualified institution as of December 31, 2022 and for the year then ended, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion on the 2022 Financial Statements

In our opinion, based on our audit and on the procedures performed as described in the Auditors' Responsibilities for the Audit of the 2022 Financial Statements section:

- The amounts and disclosures in the accompanying 2022 financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with the modified cash basis of accounting.
- The information in the accompanying 2022 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion on the 2022 Financial Statements

We conducted our audit in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the 2022 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 audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Emphasis of Matter - Basis of Accounting

We draw attention to Note 2 to the financial statements, which describes the basis of accounting. The financial statements are prepared on the modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America. Our opinion is not modified with respect to this matter.

Responsibilities of Management for the 2022 Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with the modified cash basis of accounting described in Note 2; this includes determining that the modified cash basis of accounting is an acceptable basis for the preparation of the financial statements in the circumstances. Management is also responsible 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. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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.

Auditors' Responsibilities for the Audit of the 2022 Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit for the 2022 Financial Statements section of our report, 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 auditors' 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 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 these financial statements.

In performing an audit in accordance with 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.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the 2022 financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of the modified cash basis of accounting.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with the modified cash basis of accounting.

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.

Other Matter - Supplemental Schedule Required by ERISA

The supplemental schedule (modified cash basis) of assets (held at year end) 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 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 included in the supplemental schedule (modified cash basis), other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including 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 GAAS. For information included in the supplemental schedule (modified cash basis) that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule (modified cash basis), we evaluated whether the supplemental schedule (modified cash basis), other than the information agreed to or derived from the certified investment information, 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 form and content of the supplemental schedule (modified cash basis), other than the information in the supplemental schedule (modified cash basis) that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule (modified cash basis) related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Other Matter - Auditors' Report on the 2021 Financial Statements

Predecessor auditors performed an audit of the 2021 financial statements of the Plan. In accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the prior year audit did not extend to any statements or information related to assets held for investment of the Plan that were certified by a qualified institution. Their report dated October 12, 2022, indicated that (a) the amounts and disclosures in the 2021 financial statements (modified cash basis), other than those agreed to or derived from the certified investment information, were presented fairly, in all material respects, in accordance with the modified cash basis of accounting, and (b) the information in the 2021 financial statements (modified cash basis) related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C). Their report also indicated that the form and content of the 2021 supplemental schedule, other than the information in the 2021 supplemental schedule that agreed to or is derived from the certified investment information, was presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA; and the information in the 2021 supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determines meets the requirements of ERISA Section 103(a)(3)(C).

Mayer Hoffman McCann P.C.

Kansas City, Missouri
October 5, 2023

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

**STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
(MODIFIED CASH BASIS)**

December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Investments at fair value (see Note 4)	\$ 45,871,701	\$ 56,607,437
Notes receivable from participants	<u>429,296</u>	<u>426,699</u>
NET ASSETS AVAILABLE FOR BENEFITS	<u>\$ 46,300,997</u>	<u>\$ 57,034,136</u>

See Notes to Financial Statements (Modified Cash Basis)

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

**STATEMENTS OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
(MODIFIED CASH BASIS)**

Years Ended December 31, 2022 and 2021

	2022	2021
ADDITIONS		
Investment income:		
Net appreciation in the fair value of investments	\$ -	\$ 6,521,877
Dividends	27,490	-
	<u>27,490</u>	<u>6,521,877</u>
Interest income on notes receivable from participants	<u>20,817</u>	<u>25,653</u>
Contributions:		
Employer	139,058	131,815
Participants	2,137,300	2,010,114
Rollover	199,786	193,174
Other	-	17,153
	<u>2,476,144</u>	<u>2,352,256</u>
TOTAL ADDITIONS	<u>2,524,451</u>	<u>8,899,786</u>
DEDUCTIONS		
Net depreciation in the fair value of investments	7,481,323	-
Benefits paid to participants	5,693,580	3,177,484
Administrative expenses	74,520	69,960
	<u>13,249,423</u>	<u>3,247,444</u>
TOTAL DEDUCTIONS	<u>13,249,423</u>	<u>3,247,444</u>
NET INCREASE (DECREASE) BEFORE PLAN TRANSFERS	(10,724,972)	5,652,342
PLAN TRANSFERS IN	663,454	-
PLAN TRANSFERS OUT	(671,621)	-
	<u>(8,167)</u>	<u>-</u>
NET INCREASE (DECREASE)	(10,733,139)	5,652,342
NET ASSETS AVAILABLE FOR BENEFITS		
Beginning of year	<u>57,034,136</u>	<u>51,381,794</u>
End of year	<u>\$ 46,300,997</u>	<u>\$ 57,034,136</u>

See Notes to Financial Statements (Modified Cash Basis)

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(1) Description of plan

The Restated Thrift/Profit Sharing Plan for Cooperatives (“Thrift/Profit Sharing Plan”) is a defined contribution plan administered by Associated Benefits Corporation (the “Plan Administrator”). The participating employer, Heartland Co-op, Group 282, has adopted the Thrift/Profit Sharing Plan (the “Plan”). The following description of the Plan provides only general information. Participants should refer to the plan document for a more complete description of the Plan’s provisions, which are available from the plan administrator.

General - The Plan is a defined contribution plan available to all full-time employees of the participating employer who have attained age 21 and completed four months of service. Wells Fargo Bank, N.A. (through June 17, 2021) and Principal Trust Company (from June 18, 2021 to December 31, 2022) served as the trustees of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”).

Contributions - Contributions to the Plan include (i) salary reduction contributions authorized by participants, (ii) matching contributions made by the adopting employer; and (iii) participant rollovers from other qualified plans. Participants have the option to make Roth elective salary contributions to the Plan.

Participants may elect to contribute a percentage of their compensation to the Plan each year, subject to the limitations, as defined in the plan document. Such contributions are excluded from the participant’s taxable income for federal income tax purposes until received as a withdrawal or distribution from the Plan. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. The Plan includes an auto-enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 2% of eligible compensation. The automatic deferral percentage will increase by 1% per year each July 1 until the participant’s contributions reach the maximum allowed, as defined in the plan document.

The participating employer contributes 10% of the first 6% of base compensation that a participant contributes to the Plan.

Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans. Contributions are subject to certain Internal Revenue Code (“IRC”) limitations.

Participant accounts - Individual accounts are maintained for each Plan participant. Each participant’s account is credited with the participant’s contribution and employer contributions and an allocation of plan earnings (losses) and charged with withdrawals and an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(1) Description of plan (continued)

Participant investment account options - Participants may direct the investment of their employee and employer contributions and/or account balances into various investment options offered by the Plan and may change investments and transfer amounts between funds daily.

Vesting - Participants are immediately vested in all contributions, plus actual earnings (losses) thereon.

Notes receivable from participants - Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account and bear interest at rates which are commensurate with local prevailing rates as determined by the plan administrator. Principal and interest are paid ratably through payroll deductions or as a lump sum for the outstanding loan balance. Loan terms range from 1 to 5 years; however, terms may extend to 15 years for the purchase of a primary residence.

Payment of benefits - On termination of service (including termination of service due to death, disability or retirement), a participant may generally elect to receive either a lump sum amount equal to the value of the participant's vested interest in his or her account, or installments payments over various periods as elected by the participant.

(2) Summary of significant accounting policies

Basis of accounting - The accompanying financial statements have been prepared on a modified cash basis of accounting, which is a basis of accounting other than accounting principles generally accepted in the United States of America ("GAAP"). Under the modified cash basis of accounting, transactions are recorded in the financial statements on the cash receipts and disbursement basis; however, investments are adjusted to fair value. Accordingly, these financial statements are not intended to present the Plan's financial position or changes in financial position in conformity with GAAP. The principal differences in the Plan's financial statements relate to investment income (loss) and contributions, which are not recorded until received.

Use of estimates - The preparation of financial statements in conformity with the modified cash basis of accounting, which is a basis of accounting other than GAAP, requires management to make estimates and assumptions that affect reported amounts of assets and liabilities and changes therein, and disclosures of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(2) Summary of significant accounting policies (continued)

Risks and uncertainties - The Plan utilizes various investment securities, including mutual funds and common collective trusts. Investment securities, in general, are exposed to various risks such as interest rate risk, credit risk and overall market volatility. Market risks include global events which could impact the value of investment securities, such as a pandemic or international conflict. 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.

Investment valuation and income recognition - Investments are reported at fair value. Fair value is 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.

Purchases and sales of securities are recorded on a trade-date basis. Dividend and interest income are recorded as received. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes receivable from participants - Notes receivable from participants are measured at their unpaid principal balance plus accrued but unpaid interest.

Administrative expenses - Administrative expenses of the Plan are paid by the Plan as provided in the Plan document. Certain fees are paid by the participating employer which are not reflected in the statements of changes in net assets available for benefits.

All investment management and transaction fees directly related to the Plan investments are paid by the Plan. Management fees and operating expenses charged to the Plan for investments are deducted from income earned on a daily basis and are not separately reflected. Consequently, investment management fees and operating expenses are reflected as a reduction of investment return for such investments.

Payment of benefits - Benefit payments to participants are recorded upon distribution. As of December 31, 2022 and 2021, there were no participants who elected to withdraw from the Plan but had not yet been paid.

Plan transfers - Transfers into and out of the Plan represent the participant accounts of employees who have moved between participating employers of the Thrift/Profit Sharing Plan during the year ended December 31, 2022.

Reclassification - Certain items in the 2021 financial statements have been reclassified to conform with the 2022 presentation. The 2021 financial statements presented a structure that closely aligns with that of a master trust. It has been determined the structure is not a master trust arrangement as the cooperatives are not under common control. Such reclassifications had no effect on the total net assets available for benefits.

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(3) **Information prepared and certified by the trustees**

The plan administrator has elected the method of annual reporting compliance permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, Wells Fargo Bank, N.A. (January 1, 2021 to June 17, 2021) and Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company (June 18, 2021 to December 31, 2022), the trustees of the Plan, have certified that the following data included in the accompanying financial statements and supplemental schedule is complete and accurate with respect to investments:

- Investments at fair value
- Notes receivable from participants
- Net appreciation (depreciation) in fair value of investments
- Dividends
- Interest income on notes receivable from participants
- Schedule of assets (held at end of year)

The Plan's independent public accountants did not perform auditing procedures with respect to this information, except for comparing such information to the related information included in the financial statements and supplemental schedule.

(4) **Fair value measurements**

The framework for measuring fair value provides a fair value hierarchy that 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 or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under Financial Accounting Standards Board Accounting Standards Codification 820 are described below:

- | | |
|---------|---|
| Level 1 | Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access. |
| Level 2 | Inputs to the valuation methodology include quoted prices for similar assets and liabilities in active markets; quoted prices for identical or similar assets and liabilities in inactive markets; inputs other than quoted market prices that are observable for the asset or liability; and inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability. |
| Level 3 | Inputs to the valuation methodology are unobservable and significant to measurement. |

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(4) Fair value measurements (continued)

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2022 and 2021.

Mutual funds: Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (“NAV”) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Common collective trusts: Valued at the NAV of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment advisor reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

Stable value common collective trust: A stable value fund that is composed primarily of fully benefit-responsive investment contracts is valued at the NAV of units of the bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. Participant transactions (purchases and sales) may occur daily. If the Plan initiates a full redemption of the collective trust, the issuer reserves the right to require 12 months’ notification in order to ensure that securities liquidations will be carried out in an orderly business manner.

The following tables set forth by level, within the fair value hierarchy, a summary of the Trust’s investments at fair value on a recurring basis as of December 31, 2022 and 2021:

	Investments at Fair Value as of December 31, 2022			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 1,864,851	\$ -	\$ -	\$ 1,864,851
Investments valued at NAV practical expedient ^(a)				44,006,850
Total investments at fair value				\$ 45,871,701

	Investments at Fair Value as of December 31, 2021			
	Level 1	Level 2	Level 3	Total
Mutual funds	\$ 2,383,944	\$ -	\$ -	\$ 2,383,944
Investments valued at NAV practical expedient ^(a)				54,223,493
Total investments at fair value				\$ 56,607,437

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(4) Fair value measurements (continued)

(a) In accordance with Subtopic 820-10, certain investments that were measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statements of net assets available for benefits.

Investments Measured Using the Net Asset Value per Share Practical Expedient

The following tables summarize investments for which fair value is based on NAV per share practical expedient as of December 31, 2022 and 2021, respectively. There are no participant redemption restrictions for these investments; the redemption notice period is applicable to the Plan.

Investments	December 31, 2022			
	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Common collective trust funds	\$ 33,428,485	\$ -	Immediate	None
Stable value common collective trust	10,578,365	-	Immediate	12-month
Total	<u>\$ 44,006,850</u>	<u>\$ -</u>		

Investments	December 31, 2021			
	<u>Fair Value</u>	<u>Unfunded Commitments</u>	<u>Redemption Frequency</u>	<u>Redemption Notice Period</u>
Common collective trust funds	\$ 44,623,581	\$ -	Immediate	None
Stable value common collective trust	9,599,912	-	Immediate	12-month
Total	<u>\$ 54,223,493</u>	<u>\$ -</u>		

(5) Related party transactions and party-in-interest transactions

Fees incurred by the Plan for investment management services are included in net appreciation (depreciation) in fair value of investments, as they are paid through revenue sharing, rather than a direct payment. The Plan paid certain expenses related to the Plan's operations and investment activity to various service providers. These transactions are party-in-interest transactions. The participating employer pays directly any other fees related to the Plan's operation.

(6) Plan termination

Although it has not expressed any intent to do so, the participating employer has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA.

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

NOTES TO FINANCIAL STATEMENTS

(7) Tax status

The Internal Revenue Service (“IRS”) has determined and informed the participating employer by letter dated March 22, 2017, that the Plan and the related Trust are designed in accordance with the applicable sections of the IRC. Although the Plan has been amended since receiving the determination letter, the plan administrator believes that the Plan is currently designed and operated in compliance with the applicable requirements of the IRC and the Plan and related Trust continue to be tax-exempt.

Under the modified cash basis of accounting, Plan management evaluates tax positions taken by the Plan and would recognize tax consequences when an amount has been paid or received. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

(8) Concentrations

At December 31, 2022 and 2021, approximately 23% and 17%, respectively, of the Plan’s investments were invested in the ABC Stable Value Fund (formerly General Fund). At December 31, 2022 and 2021, approximately 20% and 22%, respectively, of the Plan’s investments were invested in State Street Global Advisors S&P 500 Index Class N Fund.

(9) Subsequent events

The Plan has evaluated subsequent events through October 9, 2023, which is the date the financial statements were available to be issued. No significant matters were identified for disclosure during this evaluation.

**SUPPLEMENTAL SCHEDULE
(MODIFIED CASH BASIS)**

THE RESTATED THRIFT/PROFIT SHARING PLAN FOR COOPERATIVES

Administered by Associated Benefits Corporation
(Participating Employer – Heartland Co-op, Group 282)

SCHEDULE H, LINE 4i – SCHEDULE OF ASSETS (HELD AT END OF YEAR) (MODIFIED CASH BASIS)

December 31, 2022

EIN: 42-0242420

Plan Number: 030

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor, or similar party	Description of investments including maturity date, rate of interest, collateral, par, or maturity value	Cost (1)	Current value
*	ABC Stable Value Fund	Common Collective Trust		\$ 10,578,365
	Dodge & Cox Income X Fund	Mutual Fund		627,133
	State Street Global Advisors US Bond Index Class C	Common Collective Trust		1,618,441
	State Street Global Advisors S&P 500 Index Class N	Common Collective Trust		9,086,504
	State Street Global Advisors Russ Sm/Md Cap Index Class C	Common Collective Trust		1,284,408
	Wellington Trust Company Small Cap Opportunity Portfolio	Common Collective Trust		3,442,544
	MFS International Equity R6 Fund	Mutual Fund		1,237,718
	State Street Global Advisors EX US Index Non Lending Fund C	Common Collective Trust		1,369,917
	Vanguard Target Retirement Income Trust II	Common Collective Trust		615,243
	Vanguard Target Retirement 2020 Trust II	Common Collective Trust		1,320,267
	Vanguard Target Retirement 2025 Trust II	Common Collective Trust		3,578,757
	Vanguard Target Retirement 2030 Trust II	Common Collective Trust		2,710,666
	Vanguard Target Retirement 2035 Trust II	Common Collective Trust		1,861,889
	Vanguard Target Retirement 2040 Trust II	Common Collective Trust		1,981,827
	Vanguard Target Retirement 2045 Trust II	Common Collective Trust		1,416,439
	Vanguard Target Retirement 2050 Trust II	Common Collective Trust		1,531,053
	Vanguard Target Retirement 2055 Trust II	Common Collective Trust		828,811
	Vanguard Target Retirement 2060 Trust II	Common Collective Trust		647,415
	Vanguard Target Retirement 2065 Trust II	Common Collective Trust		134,304
				<u>45,871,701</u>
*	Participant Loans (interest rate range 4.25%-8.00%)			<u>429,296</u>
				<u>\$ 46,300,997</u>

* Party-in-interest as defined by ERISA

(1) Cost information may be omitted for plan assets which are participant-directed.

Name or Source of Eligible Indirect Compensation	Fund	Description of Services	Annual Exp Net % / Per \$1,000
Massachusetts Financial Services Co.	MFS Inst Intl Equity Fund	Investment Management of the Fund	0.6800%/ \$6.80
Wellington Trust Company	Wellington Small Cap Oppoutunities CIT	Investment Management of the Fund	0.7800%/ \$7.80
DST Asset Manager Solutions, Inc.	Dodge & Cox Income Fund	Investment Management of the Fund	0.3300%/ \$3.30

Plan Name: The Restated Thrift/Profit Sharing Plan for Cooperatives
Plan Sponsor EIN: 42-0242420
ERISA 3-digit Plan #: 030
Plan Year Ending: 12/31/2022

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Schedule H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant ("IQPA").

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial Statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

Plan Name: The Restated Thrift/Profit Sharing Plan for Cooperatives
Plan Sponsor EIN: 42-0242420
ERISA 3-digit Plan #: 030
Plan Year Ending: 12/31/2022

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Schedule H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant ("IQPA").

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial Statements used in formulating the IQPA's opinion	X
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5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	