

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 AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	1b	Three-digit plan number (PN) ▶ 001
		1c	Effective date of plan 03/01/1984
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) AMERICAN VANGUARD CORPORATION 4695 MACARTHUR COURT, SUITE 1200 NEWPORT BEACH, CA 92660	2b	Employer Identification Number (EIN) 95-2588080
		2c	Plan Sponsor's telephone number 949-260-6032
		2d	Business code (see instructions) 325300

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.	10/05/2023	TIMOTHY J. DONNELLY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN																												
		3c Administrator's telephone number																												
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 AMERICAN VANGUARD CORPORATION c Plan Name AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN		4b EIN 95-1444338 4d PN 001																												
5 Total number of participants at the beginning of the plan year		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">5</td> <td style="text-align: right;">661</td> </tr> </table>	5	661																										
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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		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6a(1)</td> <td style="text-align: right;">469</td> </tr> </table>	6a(1)	469																										
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a(2) Total number of active participants at the end of the plan year		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6a(2)</td> <td style="text-align: right;">474</td> </tr> </table>	6a(2)	474																										
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b Retired or separated participants receiving benefits		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6b</td> <td style="text-align: right;">0</td> </tr> </table>	6b	0																										
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c Other retired or separated participants entitled to future benefits.....		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6c</td> <td style="text-align: right;">237</td> </tr> </table>	6c	237																										
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d Subtotal. Add lines 6a(2) , 6b , and 6c		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6d</td> <td style="text-align: right;">711</td> </tr> </table>	6d	711																										
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e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6e</td> <td style="text-align: right;">1</td> </tr> </table>	6e	1																										
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f Total. Add lines 6d and 6e		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6f</td> <td style="text-align: right;">712</td> </tr> </table>	6f	712																										
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g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6g</td> <td style="text-align: right;">709</td> </tr> </table>	6g	709																										
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h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">6h</td> <td style="text-align: right;">0</td> </tr> </table>	6h	0																										
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7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center;">7</td> <td></td> </tr> </table>	7																											
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8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2J 2G 2K 2S 2T 3D 3H																														
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:																														
9a Plan funding arrangement (check all that apply)		9b Plan benefit arrangement (check all that apply)																												
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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		b General Schedules																												
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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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080

Part I	Information Concerning Insurance Contract Coverage, Fees, and Commissions	Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.
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1 Coverage Information:

(a) Name of insurance carrier JOHN HANCOCK USA

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
01-0233346	65838	71275	738	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid 0	(b) Total amount of fees paid 42101
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid ACTUARIAL BENEFITS CORP. 2790 SKYPARK DRIVE, SUITE 300 TORRANCE, CA 90505

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
0	42101	THIRD PARTY ADMINISTRATOR	5

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

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	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end.....	4	349676
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	65097373

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶

b Premiums paid to carrier	6b	
c Premiums due but unpaid at the end of the year	6c	
d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount..... Specify nature of costs ▶	6d	

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity
(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7** Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ GROUP ANNUITY

b Balance at the end of the previous year	7b	647955
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c Additions: (1) Contributions deposited during the year	7c(1)	42733	
(2) Dividends and credits	7c(2)		
(3) Interest credited during the year	7c(3)	4225	
(4) Transferred from separate account	7c(4)	54419	
(5) Other (specify below)	7c(5)	3952	

▶ MV ADJUSTMENTS, LOAN REPAYMENTS AND CREDITS

(6) Total additions	7c(6)	105329
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d Total of balance and additions (add lines 7b and 7c(6))	7d	753284
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	393307	
(2) Administration charge made by carrier	7e(2)	972	
(3) Transferred to separate account	7e(3)	5418	
(4) Other (specify below)	7e(4)	43	

▶ MARKET VALUE ADJUSTMENT

(5) Total deductions	7e(5)	399740
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f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	353544
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Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- a** ☐ Health (other than dental or vision)
 b ☐ Dental
 c ☐ Vision
 d ☐ Life insurance
e ☐ Temporary disability (accident and sickness)
 f ☐ Long-term disability
 g ☐ Supplemental unemployment
 h ☐ Prescription drug
i ☐ Stop loss (large deductible)
 j ☐ HMO contract
 k ☐ PPO contract
 l ☐ Indemnity contract
m ☐ Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve.....	9a(3)		
(4) Earned ((1) + (2) - (3)).....		9a(4)	0
b Benefit charges (1) Claims paid.....	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2)).....		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs.....	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges.....	9c(1)(G)		
(H) Total retention.....		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement.....		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).).....		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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 AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080	

Part I	Service Provider Information (see instructions)
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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
JOHN HANCOCK LIFE INSURANCE CO
01-0233346

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

MORGAN STANLEY DOMESTIC

1300 THAMES ST STE 400
BALTIMORE, MD 21231

20-8764829

(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	INVESTMENT ADVISOR	32069	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

JOHN HANCOCK LIFE INS CO. USA

P.O. BOX 600
BUFFALO, NY 14201-0600

01-0233346

(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?
15 28 59 60 62 63 67 68	RECORDKEEPER	2352	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		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
(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.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning **01/01/2022** and ending **12/31/2022**

A Name of plan AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ► 001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2065			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 140732	
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2060			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 961558	
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2055			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2144731	
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2050			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1413179	
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2045			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3391017	
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2040			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1928083	
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2035			
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA			
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1597344	

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2030		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1781023
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2025		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3153697
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2020		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 394451
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2015		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 309804
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RETIREMENT 2010		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 226254
a Name of MTIA, CCT, PSA, or 103-12 IE: JH MULTIMANAGER GROWTH LS		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5361227
a Name of MTIA, CCT, PSA, or 103-12 IE: JH MULTIMANAGER MODERATE LS		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2645803
a Name of MTIA, CCT, PSA, or 103-12 IE: JH MULTIMANAGER CONSERV LS		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1572640
a Name of MTIA, CCT, PSA, or 103-12 IE: INVESCO DEVELOPING MARKETS		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1023211
a Name of MTIA, CCT, PSA, or 103-12 IE: INVESCO SMALL CAP GROWTH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 169955

a Name of MTIA, CCT, PSA, or 103-12 IE: JOHN HANCOCK MID CAP GROWTH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2022787
a Name of MTIA, CCT, PSA, or 103-12 IE: JPMORGAN MIDCAP VALUE FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1085480
a Name of MTIA, CCT, PSA, or 103-12 IE: MID CAP INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 900094
a Name of MTIA, CCT, PSA, or 103-12 IE: SMALL CAP INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 102139
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE SCI & TECH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3278969
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD SMALL CAP GROW INDEX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 549889
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD SMALL CAP VALUE INDEX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 675423
a Name of MTIA, CCT, PSA, or 103-12 IE: 500 INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4559849
a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS EUROPAC GROWTH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 746971
a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS NEW PERSPECTIVE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 458380

a Name of MTIA, CCT, PSA, or 103-12 IE: BLUE CHIP GROWTH FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3301563
a Name of MTIA, CCT, PSA, or 103-12 IE: CAPITAL APPRECIATION FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1751244
a Name of MTIA, CCT, PSA, or 103-12 IE: ISHARES MSCI EAFE VALUE ETF		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 253877
a Name of MTIA, CCT, PSA, or 103-12 IE: JOHN HANCOCK DISCIPLINED VALUE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2850543
a Name of MTIA, CCT, PSA, or 103-12 IE: MFS MASSACHUSETTS INVESTORS		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 491999
a Name of MTIA, CCT, PSA, or 103-12 IE: AF AMERICAN BALANCED FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5489793
a Name of MTIA, CCT, PSA, or 103-12 IE: DFA INFLATION-PROTECTED SEC		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 349833
a Name of MTIA, CCT, PSA, or 103-12 IE: FEDERATED HIGH YIELD BOND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 227422
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO INCOME FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 881832
a Name of MTIA, CCT, PSA, or 103-12 IE: WESTERN ASSET CORE PLUS BOND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK USA		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1015797

a Name of MTIA, CCT, PSA, or 103-12 IE: LORD ABBETT SHORT DURATION INC

b Name of sponsor of entity listed in (a): JOHN HANCOCK USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1103431
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a Name of MTIA, CCT, PSA, or 103-12 IE: MONEY MARKET FUND

b Name of sponsor of entity listed in (a): JOHN HANCOCK USA

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4785347
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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
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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>AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>AMERICAN VANGUARD CORPORATION</u>	D Employer Identification Number (EIN) <u>95-2588080</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)	22822249
(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)	11580011045313
(9) Value of interest in common/collective trusts.....		1c(9)	
(10) Value of interest in pooled separate accounts		1c(10)	8045260565097373
(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)	
(14) Value of funds held in insurance company general account (unallocated contracts).....		1c(14)	644359349676
(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	82257247	66494611

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	82257247	66494611
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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)	2266669	
(B) Participants	2a(1)(B)	3857666	
(C) Others (including rollovers)	2a(1)(C)	1697231	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		7821566
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	4225	
(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)	63196	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		67421
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(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)		-16135690
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-8246703
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	7389679	
(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)		7389679
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)	126254	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		126254
j Total expenses. Add all expense amounts in column (b) and enter total	2j		7515933
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-15762636
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: STEPHENS REIDINGER & BELLER LLP

(2) EIN: 33-0639599

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		21334

	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		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION		D Employer Identification Number (EIN) 95-2588080
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): 01-0233346		
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
----------------	---

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 _____

**AMERICAN VANGUARD CORPORATION
RETIREMENT SAVINGS PLAN**

**FINANCIAL STATEMENTS AND REPORT
OF INDEPENDENT
CERTIFIED PUBLIC ACCOUNTANTS**

December 31, 2022 and 2021

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

December 31, 2022 and 2021

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* Supplemental information not listed is omitted because of the absence of conditions under which it is required.

Stephens, Reidinger & Beller LLP

Certified Public Accountants

1301 Dove St., Suite 890
Newport Beach, CA 92660
Telephone 949 752 7400
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INDEPENDENT AUDITOR'S REPORT

Participants and Trustees

American Vanguard Corporation Retirement Savings Plan

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the accompanying financial statements of American Vanguard Corporation Retirement Savings 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). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for plan benefits for the years then ended and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of American Vanguard Corporation Retirement Savings Plan's 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 audits 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 certifications from a qualified institution as of December 31, 2022 and 2021, and for the years then ended, stating that the certified investment information, as described in Note 1 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section—

- the amount and disclosures in the financial statements referred to above, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

- the information in the financial statements referred to above 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

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of American Vanguard Corporation Retirement Savings Plan and to meet our other ethical responsibilities in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit 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 auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with generally accepted auditing standards will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with generally accepted auditing standards, 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 American Vanguard Corporation Retirement Savings 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 American Vanguard Corporation Retirement Savings Plan's ability to continue as a going concern for a reasonable period of time.

Our audits 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 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 accounting principles generally accepted in the United States of America.

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 accounting principles generally accepted in the United States of America.

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

Supplemental Schedules Required by ERISA

The Supplemental Schedules of Delinquent Participant Contributions and Assets Held for Investment Purposes as of December 31, 2022, are presented for purposes of additional analysis and are not a required part of the financial statements but are 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 schedules, other than that agreed to or derived from the certified investment information, have been subjected to auditing procedures applied in the audits 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 generally accepted auditing standards. For information included in the supplemental schedules 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 schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are 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 schedules, other than the information in the supplemental schedules 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 schedules 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).

Stephen, Reidinger + Beller LLP

Newport Beach, California
September 27, 2023

AMERICAN VANGUARD CORPORATION
RETIREMENT SAVINGS PLAN

STATEMENT OF NET ASSETS AVAILABLE FOR PLAN BENEFITS

December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Assets		
Investments at fair value		
Pooled separate accounts	\$ 65,097,373	\$ 80,452,605
Guaranteed interest contracts	<u>349,676</u>	<u>644,359</u>
Total investments at fair value	65,447,049	81,096,964
Receivables		
Notes receivable from participants	<u>1,045,313</u>	<u>1,158,001</u>
Total receivables	1,045,313	1,158,001
Cash	<u>2,249</u>	<u>2,282</u>
Total assets	<u>66,494,611</u>	<u>82,257,247</u>
Net assets available for benefits	<u><u>\$ 66,494,611</u></u>	<u><u>\$ 82,257,247</u></u>

The accompanying notes are an integral part of these financial statements.

AMERICAN VANGUARD CORPORATION
RETIREMENT SAVINGS PLAN

**STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR
PLAN BENEFITS**

December 31, 2022 and 2021

	<u>2022</u>	<u>2021</u>
Increase to net assets attributed to		
Investment income		
Net (depreciation) appreciation in fair value of investments	\$ (16,135,690)	\$ 9,209,692
Interest	<u>4,225</u>	<u>8,551</u>
Total investment (loss) income	(16,131,465)	9,218,243
Interest income on Notes Receivable from Participants	<u>63,196</u>	<u>59,631</u>
Contributions		
Participants'	3,857,666	3,695,669
Sponsor	2,266,669	2,173,410
Rollovers	1,697,231	953,770
Transfer of assets	<u>-</u>	<u>1,258,664</u>
Total contributions	<u>7,821,566</u>	<u>8,081,513</u>
Total (deductions) additions	<u>(8,246,703)</u>	<u>17,359,387</u>
Deductions from net assets attributed to		
Benefit payments to participants	7,389,679	5,977,176
Administrative and investment fees	<u>126,254</u>	<u>186,676</u>
Total deductions	<u>7,515,933</u>	<u>6,163,852</u>
Net (decrease) increase	(15,762,636)	11,195,535
Net assets available for plan benefits		
Beginning of year	<u>82,257,247</u>	<u>71,061,712</u>
End of year	<u><u>\$ 66,494,611</u></u>	<u><u>\$ 82,257,247</u></u>

The accompanying notes are an integral part of these financial statements.

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS

December 31, 2022 and 2021

NOTE 1: DESCRIPTION OF THE PLAN

Effective March 1, 1984, the American Vanguard Corporation (the Company) adopted a 401(k) profit sharing plan currently known as the American Vanguard Corporation Retirement Savings Plan (the Plan). On November 2, 2020, the Plan merged with Agrinos, Inc. 401(k) Plan and as a result, plan assets of \$1,258,664 were transferred into the Plan on February 1, 2021. The following description of the Plan provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering any full-time employee who has completed one month of service. All eligible employees are automatically enrolled to contribute 5% of their pay to the Plan unless they affirmatively elect not to participate within the first 90 days of enrollment. The Company and Plan trustees administer the Plan. The Plan is designed to comply with Section 404(c) of the Employee Retirement Income Security Act of 1974 (ERISA) and all requirements of Section 401(k) of the Internal Revenue Code.

Plan Custodian and Recordkeeper

The assets of the Plan are held and invested by John Hancock Life Insurance Company (John Hancock USA), acting as custodian and recordkeeper. The third party administrator of the Plan is Actuarial Benefits Company.

Certain information related to investments disclosed in the accompanying financial statements and supplemental schedule, including investments held at December 31, 2022 and 2021, and net appreciation in fair value of investments, interest and dividends for the years then ended, was obtained or derived from information supplied to the Plan administrator and certified as complete and accurate by John Hancock USA.

Contributions and Funding Policy

Each participant may elect to contribute up to 100% of their eligible compensation. The maximum participant elective contributions allowed under the Plan for the years ended December 31, 2022 and 2021 was \$20,500 and \$19,500, respectively (\$27,000 and \$26,000 for participants age 50 and over).

The Company will match 100% of the elective deferrals of all eligible participants up to a maximum of 5% of pay. The Company may make other contributions, which are non-elective contributions. These contributions are completely discretionary. The Company made discretionary contributions of \$28,823 and \$59,638 during the years ended December 31, 2022 and 2021, respectively.

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 1: DESCRIPTION OF THE PLAN (continued)

Participant Accounts

Each participant's account is credited with the participant's contribution and allocations of a) the Company contribution and, b) plan earnings, and charged with an allocation of certain expenses. Allocations are based on account balances.

Vesting

Participants are vested immediately in their contributions plus earnings thereon. Vesting in the Company's matching contributions, and discretionary contributions, when applicable, is also 100% vested at all times.

Payment of Benefits

Upon termination of service, other than death, participants will receive a lump sum payment equal to 100% of the participant's vested interest that can be distributed directly to the participant or rolled over to a qualified retirement plan or an individual retirement account. The participant can also elect to receive partial payments from time to time instead of one lump sum.

Benefits can also be accessed in the event of disability or death and the Plan allows participants to make early withdrawals for certain financial hardships.

Participants electing after they reach age 59 ½ to take withdrawals will be required to pay applicable taxes on the withdrawals but will not be subject to penalty taxes for early withdrawals.

Forfeited Accounts

Forfeitures may be used to reduce employer contributions or administrative fees. During the years ended December 31, 2022 and 2021, there were no forfeitures.

Notes Receivable from Participants

Participants may borrow a minimum of \$1,000 up to 50% of their vested account balance. The loans will bear interest at the prime interest rate plus 2 percent and will be repaid through payroll deductions. Loans will be for a period not to exceed 5 years. If the loan is used for the purchase of a principal residence the loan should be repaid over a period of no longer than 15 years. Participant loans in the amount of \$1,045,313 at December 31, 2022 and \$1,158,001 at December 31, 2021 are included in the accompanying financial statements under the caption "Notes receivable from participants."

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 1: DESCRIPTION OF THE PLAN (continued)

Notes Receivable from Participants (continued)

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2022 or 2021. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be in default, the participant loan balance is reduced, and a benefit payment is recorded.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared on the accrual method of accounting.

Payment of Benefits

Benefits are recorded when paid.

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires the Plan administrator to make estimates and assumptions that affect certain reported amounts of assets, liabilities and disclosures. Accordingly, actual results may differ from those estimates.

Contributions

Contributions include all participant elective and employer-matching contributions accrued through year-end. Rollovers from other plans are also included with contributions.

Investment Valuation and Income Recognition

Plan investments are included in the accompanying financial statements 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. Interest earned to date is included in the investment value. Dividends are recorded on the ex-dividend date.

Amounts Due Terminated Participants

Amounts due terminated participants, if any, are included in net assets available for plan benefits.

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Administrative Expenses

Certain expenses of maintaining the Plan are paid directly by the Plan, unless otherwise paid by the Company. Expenses paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation of fair value of investments. Administrative and other expenses are recorded as incurred.

Notes Receivable from Participants

Principal and interest payments are made through payroll deductions, not less than quarterly. Loans that are considered uncollectible are treated as deemed distributions and therefore there is no allowance for uncollectible loans.

Subsequent Events

Subsequent events were evaluated through September 27, 2023, which is the date the financial statements were available to be issued.

NOTE 3: FAIR VALUE MEASUREMENTS OF INVESTMENTS

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. This hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets and liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy under Topic 820 are described as follows:

Level 1 – Inputs to the valuation methodology are quoted prices (unadjusted) in active markets for identical assets or liabilities that the Plan can access at measurement date.

Level 2 – Inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly or indirectly.

Level 3 – Inputs that are unobservable inputs for the asset or liability.

The 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.

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 3: FAIR VALUE MEASUREMENTS OF INVESTMENTS (continued)

Pooled separate account funds: Pooled separate accounts are investments in mutual funds. The fair value of the mutual funds are publicly quoted pricing inputs used in determining the net asset value (NAV) of the pooled separate accounts, which are not publicly quoted. Accounting Standards Codification 820 allows NAV per share to serve as the practical expedient to estimate the fair value as long as certain requirements are met, which these investments meet.

Guaranteed interest account: The guaranteed interest account is from a group annuity contract and provides a guarantee return of principal plus compound interest earned over a defined 3, 5, or 10 year term. Fair value is the amount plan participants would receive if they were to withdraw or transfer funds within the Plan prior to their maturity for an event other than death, disability, termination or retirement. Due to the possible surrender charge when funds are withdrawn prior to maturity, the account are considered non-benefit responsive.

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2022 and 2021. Classification within the fair value hierarchy table is based on the lower level of any input that is significant to the fair value measurement.

	<u>Asset at Fair Value 2022</u>			
	Level 1	Level 2	Level 3	Total
Guaranteed interest accounts	\$ -	\$ -	\$ 349,676	\$ 349,676
Investment measured at net asset value (a)	-	-	-	65,097,373
Total investments at fair value	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 349,676</u>	<u>\$ 65,447,049</u>

	<u>Asset at Fair Value 2021</u>			
	Level 1	Level 2	Level 3	Total
Guaranteed interest accounts	\$ -	\$ -	\$ 644,359	\$ 644,359
Investment measured at net asset value (a)	-	-	-	80,452,605
Total investments at fair value	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 644,359</u>	<u>\$ 81,096,964</u>

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 3: FAIR VALUE MEASUREMENTS OF INVESTMENTS (continued)

- (a) In accordance with *Subtopic 820-10, Fair Value Measurement, Overall*, certain investments that were measured at NAV per share, using the practical expedient, have not been classified in the fair value hierarchy. The fair value amounts, presented in this table are to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

Level 3 Fair Value Measurement: The guaranteed interest accounts are not actively traded and significant other observable inputs are not available. Thus, the fair value of the guaranteed interest accounts are determined by discounting the related cash flows based on current yields of similar instruments with comparable durations considering the credit-worthiness of the issuer.

The following tables reconcile the beginning and ending balances of fair value measurements using significant unobservable inputs (Level 3) of the guaranteed investment contracts with an insurance company for the years ended December 31, 2022 and 2021.

	2022	2021
Beginning balance	\$ 644,359	\$ 734,478
Deposits	42,733	75,897
Interest	4,225	8,615
Gain (loss) in fair value	(273)	(6,612)
Transfers in/(out), net	49,000	(25,561)
Other additions	3,954	3,884
Disbursements	(393,307)	(144,226)
Administration fees	(1,015)	(2,116)
Ending balance	<u>\$ 349,676</u>	<u>\$ 644,359</u>

Investments Measured Using the Net Asset per Share Practical Expedient

The following table summarizes investments for which fair value is measured using the net asset value 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 only to the Plan.

December 31, 2022	Fair Value	Unfunded Commitments	Participant Redemption Frequency (If Currency Eligible)	Plan Redemption Notice Period
Pooled separate accounts	\$ 65,097,373	n/a	Daily	1 Day

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 3: FAIR VALUE MEASUREMENTS OF INVESTMENTS (continued)

December 31, 2021	Fair Value	Unfunded Commitments	Participant Redemption Frequency (If Currency Eligible)	Plan Redemption Notice Period
Pooled separate accounts	\$ 80,452,605	n/a	Daily	1 Day

Transfers Between Levels

For the years ended December 31, 2022 and 2021, there were no significant transfers between Levels 1 and 2. During the year ended December 31, 2022, \$5,419 was transferred out of Level 3 into pooled separate accounts, and \$54,419 was transferred in from pooled separate accounts to Level 3. During the year ended December 31, 2021, \$31,040 was transferred out of Level 3 into pooled separate accounts, and \$5,479 was transferred in from pooled separate accounts to Level 3.

NOTE 4: PLAN TERMINATION

Although the Company has not expressed intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan. In the event of Plan termination, participants will become 100% vested in their accounts.

NOTE 5: INCOME TAX STATUS

The Internal Revenue Service has determined and informed the Company by a letter dated January 31, 1996, that the Plan and related trust are designed in accordance with applicable requirements of the Internal Revenue Code (IRC). The Plan has been amended since receiving the determination letter. However, the Plan's administrator believes that the Plan is designed and is currently being operated in compliance with the applicable sections of the IRC. Therefore, no provision for income taxes has been included in the Plan's financial statements.

NOTE 6: RELATED PARTY TRANSACTIONS

Certain Plan investments are shares of mutual funds managed by John Hancock Life Insurance Company. John Hancock Life Insurance Company is the custodian of the Plan, and therefore, these transactions qualify as party-in-interest transactions. Fees paid by the Plan for the investment management services amounted to \$126,254 and \$186,676 for the years ended December 31, 2022 and 2021, respectively. These party-in-interest transactions are exempt from the prohibited transaction rules of ERISA.

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

NOTES TO FINANCIAL STATEMENTS (Continued)

December 31, 2022 and 2021

NOTE 7: RISKS AND UNCERTAINTIES

Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in the various risk factors, in the near term could materially affect investment balances and the amounts reported in the financial statements. Additionally, many mutual funds invest in the securities of foreign companies, which involve special risks and considerations not typically associated with investing in U.S. companies. These risks include devaluation of currencies, less reliable information about issuers, different securities transaction clearance and settlement practices, and possible adverse political and economic developments. Moreover, securities of many foreign companies and their markets may be less liquid and their prices more volatile than similar types of securities of comparable U.S. companies.

SUPPLEMENTAL INFORMATION

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

95-2588080

SCHEDULE H LINE 4a - SCHEDULE OF DELINQUENT PARTICIPANT CONTRIBUTIONS

Plan Number 001

December 31, 2022

Participant contributions Transferred late to the Plan		Total that constitutes nonexempt prohibited transactions			Total fully corrected under VFCP and PTE 2002-51
Check here if late participant loan repayments are included:		Contributions not corrected	Contributions corrected outside VFCP	Contributions pending correction in VFCP	
(1) \$	21,334	-	-	-	\$ 21,334

- (1) Represents delinquent participant contributions and loan repayments during the 2021 Plan year. The Plan sponsor transmitted lost earnings of \$33 to the Plan during October 2022.

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN

95-2588080

SCHEDULE H LINE 4i - SCHEDULE OF ASSETS HELD FOR INVESTMENT PURPOSES AT END OF YEAR

Plan Number 001

December 31, 2022

(a)	Identity of Issue (b)	Description of Investment (c)	Current Value (e)
	Cash	Cash	\$ 2,249
*	Lifestyle Conservative	Pooled separate accounts	1,572,640
*	Lifestyle Moderate	Pooled separate accounts	2,645,803
*	Lifestyle Growth	Pooled separate accounts	5,361,227
*	Three Year Comp Fund	Guaranteed interest contracts	294,513
*	Five Year Comp Fund	Guaranteed interest contracts	30,663
*	Ten Year Comp Fund	Guaranteed interest contracts	24,500
*	American Balanced Fund	Pooled separate accounts	5,489,793
*	IS MSCI VL	Pooled separate accounts	253,877
*	Fed Hi Yield	Pooled separate accounts	227,422
*	American New Perspective	Pooled separate accounts	458,380
*	PIMCO IF	Pooled separate accounts	881,832
*	Mass Invest	Pooled separate accounts	491,999
*	EuroPacific Growth Fund	Pooled separate accounts	746,971
*	AIM Small Cap Growth Fund	Pooled separate accounts	169,955
*	Oppenheimer Developing Markets Fund	Pooled separate accounts	1,023,211
*	T. Rowe Price Science and Technology	Pooled separate accounts	3,278,969
*	Money Market Fund	Pooled separate accounts	4,785,348
*	500 Index Fund	Pooled separate accounts	4,559,850
*	Capital Appreciation Fund	Pooled separate accounts	1,751,244
*	Blue Chip Growth Fund	Pooled separate accounts	3,301,563
*	Small Cap Growth Index	Pooled separate accounts	549,889
*	JPM Mc Valu	Pooled separate accounts	1,085,480
*	JH MCGF	Pooled separate accounts	2,022,787
*	SMCP Va In	Pooled separate accounts	675,423
*	IDX Small	Pooled separate accounts	102,139
*	Disciplined Value	Pooled separate accounts	2,850,543
*	Mid Cap Index Fund	Pooled separate accounts	900,094
*	TR 2010	Pooled separate accounts	226,254
*	TR 2015	Pooled separate accounts	309,804
*	TR 2020	Pooled separate accounts	394,451
*	TR 2025	Pooled separate accounts	3,153,697
*	TR 2030	Pooled separate accounts	1,781,023
*	TR 2035	Pooled separate accounts	1,597,344
*	TR 2040	Pooled separate accounts	1,928,083
*	TR 2045	Pooled separate accounts	3,391,017
*	TR 2050	Pooled separate accounts	1,413,179
*	TR 2055	Pooled separate accounts	2,144,731
*	TR 2060	Pooled separate accounts	961,558
*	TR 2065	Pooled separate accounts	140,732
*	DFA Inflation Protected	Pooled separate accounts	349,833
*	LA SDIF	Pooled separate accounts	1,103,431
*	West ACPBF	Pooled separate accounts	1,015,797
*	Notes Receivable from Participants **	Participant Loans	1,045,313
			<u>\$ 66,494,611</u>

* Party-in-interest as defined by ERISA.

** Interest rates ranging from 5.25% to 9%
as of December 31, 2022.

The accompanying notes are an integral part of these financial statements.

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
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For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II	Basic Plan Information—enter all requested information
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1a Name of plan AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;">001</td> </tr> <tr> <td colspan="2">1c Effective date of plan 03/01/1984</td> </tr> </table>	1b Three-digit plan number (PN) ▶	001	1c Effective date of plan 03/01/1984	
1b Three-digit plan number (PN) ▶	001				
1c Effective date of plan 03/01/1984					
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) AMERICAN VANGUARD CORPORATION 4695 MACARTHUR COURT, SUITE 1200 NEWPORT BEACH CA 92660	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) 95-2588080</td> </tr> <tr> <td>2c Plan Sponsor's telephone number 949-260-6032</td> </tr> <tr> <td>2d Business code (see instructions) 325300</td> </tr> </table>	2b Employer Identification Number (EIN) 95-2588080	2c Plan Sponsor's telephone number 949-260-6032	2d Business code (see instructions) 325300	
2b Employer Identification Number (EIN) 95-2588080					
2c Plan Sponsor's telephone number 949-260-6032					
2d Business code (see instructions) 325300					

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		10/5/2023	TIMOTHY J. DONNELLY
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN 3c Administrator's telephone number
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 American Vanguard Corporation c Plan Name American Vanguard Corporation Retirement Savings Plan		4b EIN 95-1444338 4d PN 001
5 Total number of participants at the beginning of the plan year	5	661
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1), 6a(2), 6b, 6c, and 6d).		
a(1) Total number of active participants at the beginning of the plan year	6a(1)	469
a(2) Total number of active participants at the end of the plan year	6a(2)	474
b Retired or separated participants receiving benefits	6b	0
c Other retired or separated participants entitled to future benefits	6c	237
d Subtotal. Add lines 6a(2), 6b, and 6c.	6d	711
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e	1
f Total. Add lines 6d and 6e.	6f	712
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g	709
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	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: 2E 2F 2J 2G 2K 2S 2T 3D 3H b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information - Small Plan) (3) ☒ 1 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 A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance 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. ► Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
JOHN HANCOCK USA

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
01-0233346	65838	71275	738	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	42,101

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

ACTUARIAL BENEFITS CORP.
2790 SKYPARK DRIVE, SUITE 300
TORRANCE CA 90505

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
0	42,101	Third Party Administrator	5

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4 Current value of plan's interest under this contract in the general account at year end	4	349,676
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	65,097,373

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.....
Specify nature of costs ▶**6d****e** Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)****a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☒ other ▶ GROUP ANNUITY**b** Balance at the end of the previous year**7b**

647,955

c Additions: (1) Contributions deposited during the year**7c(1)**

42,733

(2) Dividends and credits.....

7c(2)

(3) Interest credited during the year.....

7c(3)

4,225

(4) Transferred from separate account.....

7c(4)

54,419

(5) Other (specify below).....

7c(5)

3,952

▶MV Adjustments, Loan Repayments and Credits

(6) Total additions

7c(6)

105,329

d Total of balance and additions (add lines **7b** and **7c(6)**)**7d**

753,284

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

393,307

(2) Administration charge made by carrier.....

7e(2)

972

(3) Transferred to separate account.....

7e(3)

5,418

(4) Other (specify below).....

7e(4)

43

▶Market Value Adjustment

(5) Total deductions

7e(5)

399,740

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**).....**7f**

353,544

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

- ☐ **a** Health (other than dental or vision) ☐ **b** Dental ☐ **c** Vision ☐ **d** Life insurance
☐ **e** Temporary disability (accident and sickness) ☐ **f** Long-term disability ☐ **g** Supplemental unemployment ☐ **h** Prescription drug
☐ **i** Stop loss (large deductible) ☐ **j** HMO contract ☐ **k** PPO contract ☐ **l** Indemnity contract
☐ **m** Other (specify) ▶

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	0
b Benefit charges (1) Claims paid	9b(1)		
(2) Increase (decrease) in claim reserves	9b(2)		
(3) Incurred claims (add (1) and (2))		9b(3)	0
(4) Claims charged		9b(4)	
c Remainder of premium: (1) Retention charges (on an accrual basis) --			
(A) Commissions	9c(1)(A)		
(B) Administrative service or other fees	9c(1)(B)		
(C) Other specific acquisition costs	9c(1)(C)		
(D) Other expenses	9c(1)(D)		
(E) Taxes	9c(1)(E)		
(F) Charges for risks or other contingencies	9c(1)(F)		
(G) Other retention charges	9c(1)(G)		
(H) Total retention		9c(1)(H)	0
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)		9c(2)	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement		9d(1)	
(2) Claim reserves		9d(2)	
(3) Other reserves		9d(3)	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line 9c(2).)		9e	

10 Nonexperience-rated contracts:

a Total premiums or subscription charges paid to carrier	10a	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.	10b	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

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 AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080	

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
JOHN HANCOCK LIFE INSURANCE CO 01-0233346

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

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

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

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

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

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

MORGAN STANLEY DOMESTIC
1300 THAMES ST STE 400

20-8764829

BALTIMORE

MD

21231

(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	INVESTMENT ADVISOR	32,069	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

JOHN HANCOCK LIFE INS CO. USA
P.O. BOX 600

01-0233346

BUFFALO

NY

14201-0600

(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?
15 63 28 67 59 68 60 62	RECORDKEEPER	2,352	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			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)

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

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

(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?
			Yes ☐ No ☐	Yes ☐ No ☐		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
(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.	

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan American Vanguard Corporation Retirement Savings Plan		B Three-digit plan number (PN) ▶ 001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION		D Employer Identification Number (EIN) 95-2588080
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: T. Rowe Price Retirement 2065		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 140,732
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2060		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 961,558
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2055		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2,144,731
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2050		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,413,179
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2045		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3,391,017
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2040		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,928,083
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2035		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,597,344
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		

a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2030		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,781,023
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2025		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3,153,697
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2020		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 394,451
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2015		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 309,804
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Retirement 2010		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 226,254
a Name of MTIA, CCT, PSA, or 103-12 IE: JH Multimanager Growth LS		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5,361,227
a Name of MTIA, CCT, PSA, or 103-12 IE: JH Multimanager Moderate LS		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2,645,803
a Name of MTIA, CCT, PSA, or 103-12 IE: JH Multimanager Conserv LS		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,572,640
a Name of MTIA, CCT, PSA, or 103-12 IE: Invesco Developing Markets		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,023,211
a Name of MTIA, CCT, PSA, or 103-12 IE: Invesco Small Cap Growth		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 169,955

a Name of MTIA, CCT, PSA, or 103-12 IE: John Hancock Mid Cap Growth		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2,022,787
a Name of MTIA, CCT, PSA, or 103-12 IE: JPMorgan MidCap Value Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,085,480
a Name of MTIA, CCT, PSA, or 103-12 IE: Mid Cap Index Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 900,094
a Name of MTIA, CCT, PSA, or 103-12 IE: Small Cap Index Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 102,139
a Name of MTIA, CCT, PSA, or 103-12 IE: T. Rowe Price Sci & Tech		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3,278,969
a Name of MTIA, CCT, PSA, or 103-12 IE: Vanguard Small Cap Grow Index		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 549,889
a Name of MTIA, CCT, PSA, or 103-12 IE: Vanguard Small Cap Value Index		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 675,423
a Name of MTIA, CCT, PSA, or 103-12 IE: 500 Index Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4,559,849
a Name of MTIA, CCT, PSA, or 103-12 IE: American Funds EuroPac Growth		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 746,971
a Name of MTIA, CCT, PSA, or 103-12 IE: American Funds New Perspective		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 458,380

a Name of MTIA, CCT, PSA, or 103-12 IE: Blue Chip Growth Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3,301,563
a Name of MTIA, CCT, PSA, or 103-12 IE: Capital Appreciation Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,751,244
a Name of MTIA, CCT, PSA, or 103-12 IE: iShares MSCI EAFE Value ETF		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 253,877
a Name of MTIA, CCT, PSA, or 103-12 IE: John Hancock Disciplined Value		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2,850,543
a Name of MTIA, CCT, PSA, or 103-12 IE: MFS Massachusetts Investors		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 491,999
a Name of MTIA, CCT, PSA, or 103-12 IE: AF American Balanced Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5,489,793
a Name of MTIA, CCT, PSA, or 103-12 IE: DFA Inflation-Protected Sec		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 349,833
a Name of MTIA, CCT, PSA, or 103-12 IE: Federated High Yield Bond		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 227,422
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO Income Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 881,832
a Name of MTIA, CCT, PSA, or 103-12 IE: Western Asset Core Plus Bond		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,015,797

a Name of MTIA, CCT, PSA, or 103-12 IE: Lord Abbett Short Duration Inc		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1,103,431

a Name of MTIA, CCT, PSA, or 103-12 IE: Money Market Fund		
b Name of sponsor of entity listed in (a): John Hancock USA		
c EIN-PN 01-0233346 000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4,785,347

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080	

Part I	Asset and Liability Statement		(a) Beginning of Year	(b) End of Year
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	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)	2,282	2,249
	(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)	1,158,001	1,045,313
	(9) Value of interest in common/collective trusts	1c(9)		
	(10) Value of interest in pooled separate accounts	1c(10)	80,452,605	65,097,373
	(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)		
	(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	644,359	349,676
	(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	82,257,247	66,494,611

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	82,257,247	66,494,611
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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)	2,266,669	
(B) Participants.....	2a(1)(B)	3,857,666	
(C) Others (including rollovers).....	2a(1)(C)	1,697,231	
(2) Noncash contributions.....	2a(2)	0	
(3) Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2).....	2a(3)		7,821,566
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	4,225	
(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)	63,196	
(F) Other.....	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		67,421
(2) Dividends: (A) Preferred stock.....	2b(2)(A)		
(B) Common stock.....	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A), (B), and (C).....	2b(2)(D)		0
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds.....	2b(4)(A)		
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B).....	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts.....	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts.....	2b(8)		
(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)		-16,135,690
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		-8,246,703
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	7,389,679	
(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)		7,389,679
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)	126,254	
(3) Investment advisory and management fees.....	2i(3)		
(4) Other.....	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		126,254
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		7,515,933
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		-15,762,636
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan.....	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: STEPHENS REIDINGER & BELLER LLP

(2) EIN: 33-0639599

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		21,334

		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?	4e	X	500,000
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	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.)	4i	X	
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	4j	X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k	X	
l	Has the plan failed to provide any benefit when due under the plan?	4l	X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m	X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		
5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No If "Yes," enter the amount of any plan assets that reverted to the employer this year				
5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)				
5b(1) Name of plan(s)			5b(2) EIN(s)	5b(3) PN(s)
5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year				

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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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 AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMERICAN VANGUARD CORPORATION	D Employer Identification Number (EIN) 95-2588080	

Part I	Distributions
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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): <u>01-0233346</u>		
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.)
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4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? If the plan is a defined benefit plan, go to line 8.	☐ Yes	☐ No	☐ N/A
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
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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
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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.
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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.

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): 		

- 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

- 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 _____

Schedule H, Line 4i
Schedule of Assets (Held At End of Year)

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN			
Employer Identification Number: ▶	95-1444338		
For plan year (beginning/ending): ▶	01/01/2022 - 12/31/2022	Plan number: ▶	001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
*	John Hancock USA	T. Rowe Price Retirement 2065		140,732
*	John Hancock USA	T. Rowe Price Retirement 2060		961,558
*	John Hancock USA	T. Rowe Price Retirement 2055		2,144,731
*	John Hancock USA	T. Rowe Price Retirement 2050		1,413,179
*	John Hancock USA	T. Rowe Price Retirement 2045		3,391,017
*	John Hancock USA	T. Rowe Price Retirement 2040		1,928,083
*	John Hancock USA	T. Rowe Price Retirement 2035		1,597,344
*	John Hancock USA	T. Rowe Price Retirement 2030		1,781,023
*	John Hancock USA	T. Rowe Price Retirement 2025		3,153,697
*	John Hancock USA	T. Rowe Price Retirement 2020		394,451
*	John Hancock USA	T. Rowe Price Retirement 2015		309,804
*	John Hancock USA	T. Rowe Price Retirement 2010		226,254
*	John Hancock USA	JH Multimanager Growth LS		5,361,227
*	John Hancock USA	JH Multimanager Moderate LS		2,645,803
*	John Hancock USA	JH Multimanager Conserv LS		1,572,640
*	John Hancock USA	Invesco Developing Markets		1,023,211
*	John Hancock USA	Invesco Small Cap Growth		169,955
*	John Hancock USA	John Hancock Mid Cap Growth		2,022,787
*	John Hancock USA	JPMorgan MidCap Value Fund		1,085,480
*	John Hancock USA	Mid Cap Index Fund		900,094
*	John Hancock USA	Small Cap Index Fund		102,139
*	John Hancock USA	T. Rowe Price Sci & Tech		3,278,969
*	John Hancock USA	Vanguard Small Cap Grow Index		549,889
*	John Hancock USA	Vanguard Small Cap Value Index		675,423
*	John Hancock USA	500 Index Fund		4,559,849
*	John Hancock USA	American Funds EuroPac Growth		746,971
*	John Hancock USA	American Funds New Perspective		458,380
*	John Hancock USA	Blue Chip Growth Fund		3,301,563
*	John Hancock USA	Capital Appreciation Fund		1,751,244
*	John Hancock USA	iShares MSCI EAFE Value ETF		253,877
*	John Hancock USA	John Hancock Disciplined Value		2,850,543
*	John Hancock USA	MFS Massachusetts Investors		491,999
*	John Hancock USA	AF American Balanced Fund		5,489,793
*	John Hancock USA	DFA Inflation-Protected Sec		349,833
*	John Hancock USA	Federated High Yield Bond		227,422
*	John Hancock USA	PIMCO Income Fund		881,832
*	John Hancock USA	Western Asset Core Plus Bond		1,015,797
*	John Hancock USA	Lord Abbett Short Duration Inc		1,103,431
*	John Hancock USA	Money Market Fund		4,785,347
*	John Hancock USA	3-Year Compound		294,513
*	John Hancock USA	5-Year Compound		30,663
*	John Hancock USA	10-Year Compound		24,500
	John Hancock USA	Participant Loans 5.25% - 9%		1,045,313

Schedule H, Line 4i
Schedule of Assets (Held At End of Year)

AMERICAN VANGUARD CORPORATION RETIREMENT SAVINGS PLAN				
Employer Identification Number:▶	95-1444338		Plan number:▶	001
For plan year (beginning/ending):▶	01/01/2022 - 12/31/2022			

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
*	John Hancock USA	T. Rowe Price Retirement 2065		140,732
*	John Hancock USA	T. Rowe Price Retirement 2060		961,558
*	John Hancock USA	T. Rowe Price Retirement 2055		2,144,731
*	John Hancock USA	T. Rowe Price Retirement 2050		1,413,179
*	John Hancock USA	T. Rowe Price Retirement 2045		3,391,017
*	John Hancock USA	T. Rowe Price Retirement 2040		1,928,083
*	John Hancock USA	T. Rowe Price Retirement 2035		1,597,344
*	John Hancock USA	T. Rowe Price Retirement 2030		1,781,023
*	John Hancock USA	T. Rowe Price Retirement 2025		3,153,697
*	John Hancock USA	T. Rowe Price Retirement 2020		394,451
*	John Hancock USA	T. Rowe Price Retirement 2015		309,804
*	John Hancock USA	T. Rowe Price Retirement 2010		226,254
*	John Hancock USA	JH Multimanager Growth LS		5,361,227
*	John Hancock USA	JH Multimanager Moderate LS		2,645,803
*	John Hancock USA	JH Multimanager Conserv LS		1,572,640
*	John Hancock USA	Invesco Developing Markets		1,023,211
*	John Hancock USA	Invesco Small Cap Growth		169,955
*	John Hancock USA	John Hancock Mid Cap Growth		2,022,787
*	John Hancock USA	JPMorgan MidCap Value Fund		1,085,480
*	John Hancock USA	Mid Cap Index Fund		900,094
*	John Hancock USA	Small Cap Index Fund		102,139
*	John Hancock USA	T. Rowe Price Sci & Tech		3,278,969
*	John Hancock USA	Vanguard Small Cap Grow Index		549,889
*	John Hancock USA	Vanguard Small Cap Value Index		675,423
*	John Hancock USA	500 Index Fund		4,559,849
*	John Hancock USA	American Funds EuroPac Growth		746,971
*	John Hancock USA	American Funds New Perspective		458,380
*	John Hancock USA	Blue Chip Growth Fund		3,301,563
*	John Hancock USA	Capital Appreciation Fund		1,751,244
*	John Hancock USA	iShares MSCI EAFE Value ETF		253,877
*	John Hancock USA	John Hancock Disciplined Value		2,850,543
*	John Hancock USA	MFS Massachusetts Investors		491,999
*	John Hancock USA	AF American Balanced Fund		5,489,793
*	John Hancock USA	DFA Inflation-Protected Sec		349,833
*	John Hancock USA	Federated High Yield Bond		227,422
*	John Hancock USA	PIMCO Income Fund		881,832
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*	John Hancock USA	10-Year Compound		24,500
	John Hancock USA	Participant Loans 5.25% - 9%		1,045,313