

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 2021 This Form is Open to Public Inspection
---	---	---

Part I	Annual Report Identification Information
For calendar plan year 2021 or fiscal plan year beginning <u>01/01/2021</u> and ending <u>12/31/2021</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 ☐ an amended return/report ☐ the final 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 ☐ special extension (enter description) ☐ automatic extension ☐ the DFVC program
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan <u>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED</u>
1b	Three-digit plan number (PN) ▶ <u>001</u>
	1c Effective date of plan <u>01/01/2004</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>AMGEN MANUFACTURING, LIMITED</u> <u>PO BOX 4060, ROAD 31, KM 24.6</u> <u>JUNCOS, PR 00777-4060</u>
2b	Employer Identification Number (EIN) <u>98-0210484</u>
2c	Plan Sponsor's telephone number <u>787-734-2000</u>
2d	Business code (see instructions) <u>325410</u>

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/04/2022	VINCE BRIGANDI
	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 (2021)
v. 210624

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 c Plan Name		4b EIN 4d PN	
5 Total number of participants at the beginning of the plan year		5	2980
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)	2476
a(2) Total number of active participants at the end of the plan year		6a(2)	2614
b Retired or separated participants receiving benefits.....		6b	111
c Other retired or separated participants entitled to future benefits		6c	465
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d	3190
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e	7
f Total. Add lines 6d and 6e		6f	3197
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)		6g	3191
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested		6h	27
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 2G 2R 3C 2S 2T 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) ☐ <u>0</u> 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 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2021
		This Form is Open to Public Inspection.
For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN MANUFACTURING, LIMITED	D Employer Identification Number (EIN) 98-0210484	

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
WELLS FARGO
52-2250965

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
ALTRINSIC GLOBAL ADVISORS, LLC
30-0016268

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
METROPOLITAN WEST ASSET MGMT, LLC
95-2642764

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

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

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

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

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

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

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

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

(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)

ARROWMARK PARTNERS

39-2068140

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	137027	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

MERRILL LYNCH FENNER & SMITH

13-5674085

(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 25 37 38 50 51 64	RECORDKEEPER	130406	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

VULCAN VALUE PARTNERS

39-2051712

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	116826	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)

SANDS CAPITAL MANAGEMENT, LLC

20-2830751

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	101311	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

SNYDER CAPITAL MANAGEMENT L. P.

04-3370184

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	87470	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

ARISTOTLE CAPITAL MANAGEMENT

47-1867873

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	82201	Yes ☒ No ☐	Yes ☒ No ☐	0	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)

SUSTAINABLE GROWTH ADVISERS LP

05-0571266

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51 68	NONE	81297	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

PZENA INVESTMENT MANAGEMENT

13-3860154

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	61607	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

WELLINGTON TRUST COMPANY

04-2755549

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	38513	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

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

NORTHERN TRUST INVESTMENTS INC

36-3608252

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	33958	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

GALLIARD CAPITAL MGMT, INC.

41-1813702

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	25299	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

NORTHERN TRUST COMPANY

36-1561860

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
25 28 50 52 62	TRUSTEE/ CUSTODIAN	19183	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(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 2021 This Form is Open to Public Inspection.
---	--	--

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan <u>THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>AMGEN MANUFACTURING, LIMITED</u>	D Employer Identification Number (EIN) <u>98-0210484</u>	

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: <u>FTSE RAFI EMERGING INDEX NL FUND F</u>		
b Name of sponsor of entity listed in (a): <u>BLACKROCK INSTITUTIONAL TRUST CO.</u>		
c EIN-PN <u>46-2767068-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>7742</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>COLTV DAILY AGGREGATE BOND INDEX FD</u>		
b Name of sponsor of entity listed in (a): <u>NORTHERN TRUST COMPANY</u>		
c EIN-PN <u>45-6138589-088</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>105563253</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>COLTV SHORT TERM INVESTMENT FUND</u>		
b Name of sponsor of entity listed in (a): <u>NORTHERN TRUST COMPANY</u>		
c EIN-PN <u>45-6138589-084</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>5309373</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>COLTV EXTENDED MSCI ACWI NL FUND</u>		
b Name of sponsor of entity listed in (a): <u>NORTHERN TRUST COMPANY</u>		
c EIN-PN <u>45-6138589-117</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>42400635</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>GQG PARTNERS INTERNATIONAL EQUITY C</u>		
b Name of sponsor of entity listed in (a): <u>RELIANCE TRUST COMPANY</u>		
c EIN-PN <u>82-6253445-011</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>10665381</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>WELLS FARGO STABLE VALUE FUND W</u>		
b Name of sponsor of entity listed in (a): <u>WELLS FARGO BANK NA</u>		
c EIN-PN <u>47-6524425-001</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>74316074</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>METLIFE CORE PLUS COLLECTIVE TRUST</u>		
b Name of sponsor of entity listed in (a): <u>METLIFE INVESTMENT MANAGEMENT</u>		
c EIN-PN <u>47-2237461-002</u>	d Entity code <u>C</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>18333045</u>

a Name of MTIA, CCT, PSA, or 103-12 IE: SCHRODER GLOBAL STRATEGIC BOND TRST

b Name of sponsor of entity listed in (a): SCHRODER INVESTMENT MANAGEMENT

c EIN-PN 84-2579090-015	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4754785
--------------------------------	------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: WELLINGTON CORE BOND PLUS CIT II

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

c EIN-PN 04-6913417-004	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 18256904
--------------------------------	------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: JENNISON INTL EQUITY OPP CIT

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

c EIN-PN 38-4139857-011	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 8182199
--------------------------------	------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM ABSOLUTE RETURN FIXED INCOME

b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST CO LLC

c EIN-PN 26-2407878-270	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4599368
--------------------------------	------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: COLTV MSCI ACWI EX-US INDEX NL FUND

b Name of sponsor of entity listed in (a): NORTHERN TRUST COMPANY

c EIN-PN 45-6138589-103	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5801803
--------------------------------	------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: RUSSELL 3000 INDEX FUND

b Name of sponsor of entity listed in (a): NORTHERN TRUST COMPANY

c EIN-PN 45-6138589-097	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 87321573
--------------------------------	------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: MAWER INTL EQUITY COLTV FUND

b Name of sponsor of entity listed in (a): GLOBAL TRUST COMPANY

c EIN-PN 38-7140710-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 13229501
--------------------------------	------------------------	--

a Name of MTIA, CCT, PSA, or 103-12 IE: POLARIS CIT INTL VALUE COLTV FUND

b Name of sponsor of entity listed in (a): GLOBAL TRUST COMPANY

c EIN-PN 61-6556739-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 12257148
--------------------------------	------------------------	--

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 2021 This Form is Open to Public Inspection
---	---	--

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021		
A Name of plan THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN MANUFACTURING, LIMITED	D Employer Identification Number (EIN) 98-0210484	

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)	302168	469779
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	3369175	4231214
(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)	107638781	141711839
(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)	13121785	14995778
(9) Value of interest in common/collective trusts	1c(9)	375624863	410998784
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	7820865	7440054
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)	8651067	12990251

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1) 94776491	92566483
(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 611305195	685404182
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	
i	Acquisition indebtedness.....	1i	
j	Other liabilities.....	1j 285774	404824
k	Total liabilities (add all amounts in lines 1g through 1j)	1k 285774	404824
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l 611019421	684999358

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.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A) 20026585	
	(B) Participants	2a(1)(B) 19372774	
	(C) Others (including rollovers).....	2a(1)(C) 299820	
(2)	Noncash contributions.....	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2)	2a(3)	39699179
b	Earnings on investments:		
(1)	Interest:		
	(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A) 7793	
	(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) 686331	
	(F) Other	2b(1)(F) 39842	
	(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)	733966
(2)	Dividends: (A) Preferred stock.....	2b(2)(A)	
	(B) Common stock	2b(2)(B) 3770579	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C) 178900	
	(D) Total dividends. Add lines 2b(2)(A), (B), and (C)	2b(2)(D)	3949479
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A) 49617776	
	(B) Aggregate carrying amount (see instructions).....	2b(4)(B) 44145179	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	5472597
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B) 12053118	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	12053118

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		22149759
(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)		6575832
c Other income.....	2c		1712465
d Total income. Add all income amounts in column (b) and enter total.....	2d		92346395
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers.....	2e(1)	17339146	
(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)		17339146
f Corrective distributions (see instructions).....	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		77170
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees.....	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Investment advisory and management fees.....	2i(3)	820922	
(4) Other.....	2i(4)	129220	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		950142
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		18366458
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d.....	2k		73979937
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: ERNST & YOUNG

(2) EIN: 03-4656596

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		2000000
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 2021 This Form is Open to Public Inspection.
---	--	---

For calendar plan year 2021 or fiscal plan year beginning 01/01/2021 and ending 12/31/2021

A Name of plan THE RETIREMENT AND SAVINGS PLAN FOR AMGEN MANUFACTURING, LIMITED	B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN MANUFACTURING, LIMITED	D Employer Identification Number (EIN) 98-0210484

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): 13-1426500		
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) 2021
v. 201209

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 _____

FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULE

The Retirement and Savings Plan for
Amgen Manufacturing, Limited
Year Ended December 31, 2021
With Report of Independent Auditors

The Retirement and Savings Plan for
Amgen Manufacturing, Limited

Audited Financial Statements
and Supplemental Schedule

Year Ended December 31, 2021

Contents

Report of Independent Auditors	1
Audited Financial Statements:	
Statements of Net Assets Available for Benefits at December 31, 2021 and 2020	4
Statement of Changes in Net Assets Available for Benefits for the years ended December 31, 2021	5
Notes to Financial Statements	6
Supplemental Schedule:	
Schedule of Assets (Held at End of Year)	12

Report of Independent Auditors

To the Plan Participants and the Plan Administrator of The Retirement and Savings Plan for Amgen Manufacturing, Limited

Opinion

We have audited the financial statements of The Retirement and Savings Plan for Amgen Manufacturing, Limited (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2021 and 2020, and the related statement of changes in net assets available for benefits for the year ended December 31, 2021, and the related notes (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan at December 31, 2021 and 2020, and the changes in its net assets available for benefits for the year ended December 31, 2021, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

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

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

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 GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

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

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

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion of the financial statements as a whole. The supplemental schedule of assets (held at end of year) as of December 31, 2021, (referred to as the "supplemental schedule"), is presented for purposes of additional

analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has 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 GAAS.

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

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

Ernst & Young LLP

Los Angeles, California

June 23, 2022

The Retirement and Savings Plan for Amgen Manufacturing, Limited
Statements of Net Assets Available for Benefits

	December 31,	
	2021	2020
Assets		
Investments at fair value	\$ 669,938,625	\$ 597,881,242
Notes receivable from participants	15,668,200	13,717,037
Other – principally due from broker	469,779	302,168
Total assets	686,076,604	611,900,447
Liabilities		
Other – principally due to broker	404,824	285,774
Total liabilities	404,824	285,774
Net assets available for benefits	\$ 685,671,780	\$ 611,614,673

See accompanying notes.

The Retirement and Savings Plan for Amgen Manufacturing, Limited
Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2021
Additions to (deductions from) net assets:	
Employer contributions	\$ 20,026,585
Participant contributions	19,372,774
Rollover contributions	299,820
Interest and dividend income	4,822,727
Net realized/unrealized gains	47,138,158
Interest income on notes receivable from participants	686,331
Benefits paid	(17,339,146)
Investment and administrative fees	(950,142)
Net increase	74,057,107
Net assets available for benefits at beginning of year	611,614,673
Net assets available for benefits at end of year	<u>\$ 685,671,780</u>

See accompanying notes.

The Retirement and Savings Plan for Amgen Manufacturing, Limited
Notes to Financial Statements
December 31, 2021

1. Description of the Plan

The following description of The Retirement and Savings Plan for Amgen Manufacturing, Limited (the Plan) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan's provisions.

General

The Plan was established effective May 1, 1992, and was amended and restated effective January 1, 2017, and subsequently amended, with the most recent amendment adopted on December 13, 2021. The Plan is a defined contribution plan covering substantially all Puerto Rico resident employees of Amgen Manufacturing, Limited (the Company), a wholly owned subsidiary of Amgen Inc. (Amgen). The Plan is intended to qualify under Section 1081.01 of the Puerto Rico Internal Revenue Code of 2011, as amended (the PR Code) (see Note 4, *Income Tax Status*) and section 407(d)(3)(A) of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions

Subject to certain limitations (as defined in the Plan), participants may elect to contribute up to 30% of their eligible compensation in pre-tax contributions and after-tax contributions or a combination of these types of contributions (together, Individual Contributions). A participant's pre-tax contributions are subject to the PR Code and Plan limitations and could not exceed \$15,000 in 2021. Participants may elect to contribute after-tax contributions beginning January 1 of the year following the year the participant was hired. Participant after-tax contributions are subject to the PR Code and Plan limitations and could not exceed \$1,500 in 2021. Unless an employee has voluntarily enrolled in the Plan or has declined to participate in the Plan within the first 30 days of employment, all newly eligible participants are automatically enrolled in the Plan, and contributions equal to 5% of their eligible compensation are withheld and contributed to the Plan as pre-tax contributions; such contributions are automatically increased by 1% per year until their contributions reach 10% of their eligible compensation. Participants may elect to adjust, cease or resume their Individual Contributions at any time.

Participants who are at least age 50 by the close of the Plan year may also elect to make certain additional pre-tax Individual Contributions, referred to as catch-up contributions, that are subject to the PR Code and Plan limitations and could not exceed \$1,500 in 2021. Participants may also contribute pre-tax and after-tax amounts representing distributions from certain other retirement plans qualified in Puerto Rico, referred to as rollover contributions (as defined in the Plan).

Each pay period, the Company makes a non-elective contribution for all eligible participants, whether or not they have elected to make Individual Contributions to the Plan, equal to 4% of each participant's eligible compensation up to a maximum of \$11,600 in 2021 (Core Contributions). In addition, the Company makes a contribution equal to amounts contributed by the participant as pre-tax contributions, including catch-up contributions, of up to 5% of eligible compensation (Matching Contributions). Matching Contributions could not exceed \$14,500 in 2021.

Participants select the investments in which their Individual Contributions, including their Core Contributions and Matching Contributions (collectively, Company Contributions), are to be invested, electing among various alternatives, including Amgen common stock (Amgen stock). Participants may direct a maximum of 20% of contributions to be invested in Amgen stock. In addition, participants may transfer amounts among the investment options at any time, subject to certain limitations. Notwithstanding the foregoing, if 20% or more of the value of a participant's Plan account is invested in Amgen stock, the Plan document provides that no transfers from other investment options can be made to invest in Amgen stock.

The accounts of participants who had never made an investment election are allocated to investments under a qualified default investment alternative, which is intended to be compliant with ERISA regulations. At any time, participants may elect to alter the investments in their accounts made under a qualified default investment alternative.

The Retirement and Savings Plan for Amgen Manufacturing, Limited

Notes to Financial Statements (continued)

Vesting

Participants are immediately vested with respect to their Individual Contributions and Matching Contributions and earnings and losses (hereafter referred to as earnings) thereon. Participants hired prior to January 1, 2020, are also immediately vested with respect to their Core Contributions and earnings thereon. Participants hired on or after January 1, 2020, vest in full with respect to their Core Contributions and earnings thereon after three years of service, as defined by the terms of the Plan, or upon reaching age 65 while employed by the Company, if earlier. If a participant ceases to be an employee before fully vesting in their account, the non-vested portion of the participant's account will be treated as a forfeiture, as defined by the terms of the Plan, on the earlier of (a) the date the participant incurs a five-year break in service, as defined by the terms of the Plan or, (b) the date the participant receives a distribution of the entire vested portion of their account.

Participant Accounts

Each participant's account is credited with: (a) the participant's Individual Contributions; (b) an allocation of Company Contributions; and (c) earnings. The benefit to which a participant is entitled is the benefit that can be provided from the participant's account.

Plan Investments

Plan participants can invest in seven different asset classes as well as Amgen stock or can actively manage their account under a self-directed brokerage arrangement in which a wider array of investment options are available. The value of an investment in an asset class is determined by its underlying investment vehicles, which may include one or more of the following: mutual funds, collective trust funds and portfolios, which are separately managed exclusively for the benefit of Plan participants and their beneficiaries (separately managed portfolios). The separately managed portfolios are composed primarily of investments in publicly traded common and preferred stocks. The asset classes are designed to provide participants with choices among a variety of investment objectives.

Payments of Benefits

Subject to Plan limitations, upon termination of employment, including termination due to disability (as defined in the Plan) or retirement, a participant may elect to receive a full or partial distribution of his or her account balance in: (a) a single payment in cash; (b) a single distribution in full shares of Amgen stock (with any fractional shares paid in cash); (c) a single distribution paid in a combination of cash and full shares of Amgen stock; or (d) a rollover distribution to an eligible retirement plan.

Participants may also elect to maintain their account balance in the Plan subsequent to termination of employment, provided that their account balance is greater than \$1,000.

If a participant dies before receiving the value of his or her account balance, the participant's beneficiary may elect to receive the distribution of remaining funds from among the alternatives described above, subject to certain Plan limitations.

Notes Receivable from Participants

Subject to certain restrictions, a participant can have up to two loans outstanding at any one time from his or her Plan account with a combined maximum loan amount that may not exceed the lesser of: (a) 50% of the participant's account balance or (b) \$50,000 less certain adjustments, as applicable (as defined in the Plan). A participant's loan is secured by his or her Plan account balance. Loans made prior to January 1, 2006, bear interest at fixed rates based on the average borrowing rates of certain major banks. Loans made on or after January 1, 2006, bear interest at fixed rates which, until changed by the Company, are based on the prime rate plus one percentage point as published in The Wall Street Journal, determined as of the last day of the calendar quarter preceding origination or such other rate as may be required by law. Loans are generally payable in installments over periods ranging from one to five years, unless the loan is used to acquire a principal residence for which the term of the loan may be up to 20 years. Principal and interest payments are allocated to the participant's account.

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to terminate the Plan subject to the provisions of ERISA. Upon termination, participants would receive distributions of their account balances.

The Retirement and Savings Plan for Amgen Manufacturing, Limited

Notes to Financial Statements (continued)

Trustee and Custodians

Banco Popular de Puerto Rico is the Plan's trustee. Bank of America, N.A. is the Plan's custodian with respect to the self-directed brokerage arrangement and the Amgen common stock fund. Northern Trust Company, NA (Northern) is the Plan's custodian with respect to the asset classes.

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements are prepared on the accrual basis of accounting. Benefits to participants are recorded when paid.

Fair Value Measurement

The investments of the Plan are reported at fair value. Fair value is generally defined as the price that would be received to sell an asset or paid to transfer a liability (the exit price) in an orderly transaction between market participants at the measurement date (see Note 3, *Fair Value Measurements*).

Investment Income and Losses

Dividend income is recognized on the ex-dividend date, and interest income is recorded on an accrual basis. Unrealized gains and losses on investments are measured by the change in the difference between the fair value and cost of the securities held at the beginning of the year (or date purchased if acquired during the Plan year) and the end of the year. Realized gains and losses from security transactions are recorded based on the weighted-average cost of securities sold.

Notes Receivable from Participants

Notes receivable from participants are carried at their unpaid balance plus accrued but unpaid interest, as applicable.

Due from/to Brokers

Purchases and sales of investments are recorded on a trade-date basis. Amounts due from and due to brokers arise from unsettled sale and purchase transactions, respectively.

Use of Estimates

The preparation of financial statements in conformity with U.S. generally accepted accounting principles (GAAP) requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Risks and Uncertainties

The Plan provides for investment options representing varied combinations of equities (including Amgen stock), fixed income, and other investments. Investments, in general, particularly in securities, are exposed to various risks, such as interest rate, inflation, market and credit risks, among others. Market risk includes global events which could impact the value of investments, including securities, such as a pandemic or international conflict. Due to the level of risk associated with certain investments, including securities, it is at least reasonably possible that changes in the values of the Plan's investments, including securities, will occur in the near term and that such changes could materially affect participant account balances and the amounts reported in the Plan's financial statements.

The Retirement and Savings Plan for Amgen Manufacturing, Limited

Notes to Financial Statements (continued)

3. Fair Value Measurements

The Plan uses various valuation approaches in determining the fair value of investments within a hierarchy that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that observable inputs be used when available. Observable inputs are inputs that market participants would use in pricing the investment based on market data obtained from independent sources. Unobservable inputs are inputs that reflect assumptions about the inputs that market participants would use in pricing the investment and are developed based on the best information available in the circumstances. The fair value hierarchy is divided into three levels based on the source of inputs as follows:

Level 1 – Valuations based on unadjusted quoted prices in active markets for identical investments that the Plan has the ability to access;

Level 2 – Valuations for which all significant inputs are observable, either directly or indirectly, other than Level 1 inputs;

Level 3 – Valuations based on inputs that are unobservable and significant to the overall fair value measurement.

The availability of observable inputs can vary among the various types of investments. To the extent that the valuation is based on models or inputs that are less observable or unobservable in the market, the determination of fair value requires more judgment. In certain cases, the inputs used for measuring fair value may fall into different levels of the fair value hierarchy. In such cases, for financial statement disclosure purposes, the level in the fair value hierarchy within which the fair value measurement is categorized is based on the lowest level of input used that is significant to the overall fair value measurement.

The following fair value hierarchy tables present information about each major class/category of the Plan's investments measured at fair value:

	Fair value measurements at December 31, 2021, using			
	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)	Total
Amgen stock	\$ 92,566,483	\$ —	\$ —	\$ 92,566,483
Cash and cash equivalents	4,231,214	—	—	4,231,214
Collective trust funds	—	410,998,784	—	410,998,784
Common and preferred stock	143,456,396	—	—	143,456,396
Mutual funds	7,440,054	—	—	7,440,054
Self-directed brokerage accounts	11,245,694	—	—	11,245,694
Total investments at fair value	\$ 258,939,841	\$ 410,998,784	\$ —	\$ 669,938,625

The Retirement and Savings Plan for Amgen Manufacturing, Limited
Notes to Financial Statements (continued)

	Fair value measurements at December 31, 2020, using			
	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)	Total
Amgen stock	\$ 94,776,491	\$ —	\$ —	\$ 94,776,491
Cash and cash equivalents	3,369,175	—	—	3,369,175
Collective trust funds	—	375,624,863	—	375,624,863
Common and preferred stocks	108,904,001	—	—	108,904,001
Mutual funds	7,820,865	—	—	7,820,865
Self-directed brokerage accounts	7,385,847	—	—	7,385,847
Total investments at fair value	\$ 222,256,379	\$ 375,624,863	\$ —	\$ 597,881,242

The fair values of substantially all common stocks (including Amgen stock), preferred stocks, mutual funds and underlying investments of self-directed brokerage accounts are valued using quoted market prices in active markets with no valuation adjustment.

Collective trust funds represent interests in pooled investment vehicles designed typically for collective investment of employee benefit trusts. The fair values of these investments are determined by reference to the net asset value per unit provided by the fund managers as the basis for current transactions.

4. Income Tax Status

The Plan received an opinion letter from the Puerto Rico Treasury Department (PRTD) dated February 26, 2018, with an effective date of January 1, 2017, stating that the Plan meets the requirements of Section 1081.01 of the PR Code and the regulations thereunder, and, therefore the related trust forming part of the Plan is exempt from taxation. Subsequently, six amendments were made to the Plan, and the Plan received letters from the PRTD stating the PRTD has no objection to the first four of these amendments. The Company has submitted the fifth amendment to the PRTD requesting an opinion that the Plan remains in compliance with the PR Code and regulations thereunder and intends to submit such a request with respect to the sixth amendment. Once qualified, the Plan is required to operate in conformity with the PR Code to maintain its qualification.

For taxable year 2021, the Company believes the Plan satisfied, and operated in compliance with, the applicable requirements of the PR Code and therefore believes that the Plan, as amended, is qualified and the related trust is tax exempt. The Company has indicated that it currently intends to continue to take the necessary steps, if any, to maintain the Plan's compliance with the applicable requirements of the PR Code.

5. Party-in-Interest Transactions

Parties-in-interest are certain entities defined under Department of Labor regulations, including Amgen, and other parties that provide services to the Plan, such as the trustees, custodians and investment managers. The Plan pays the custodians certain administrative and investment management fees, and the Company pays certain administrative fees on behalf of the Plan. The Plan invests in collective trust funds managed by Northern, certain of the Plan's investment managers and other third parties and may invest in securities of entities that are parties-in-interest. The Plan also invests in shares of common stock of Amgen and receives dividends on those shares. Notes receivable from participants are also considered party-in-interest transactions.

The Retirement and Savings Plan for Amgen Manufacturing, Limited
Notes to Financial Statements (continued)

6. Reconciliation of Financial Statements to the Form 5500

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

	December 31,	
	2021	2020
Net assets available for benefits per the financial statements	\$ 685,671,780	\$ 611,614,673
Deemed loans	(672,422)	(595,252)
Net assets per the Form 5500	<u>\$ 684,999,358</u>	<u>\$ 611,019,421</u>

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

	Year Ended December 31, 2021
Benefits paid	\$ (17,339,146)
Investment and administrative fees	(950,142)
Total expenses per the financial statements	(18,289,288)
Deemed loans at December 31, 2020	595,242
Deemed loans at December 31, 2021	(672,422)
Total expenses per the Form 5500	<u>\$ (18,366,468)</u>

Supplemental Schedule
The Retirement and Savings Plan for Amgen Manufacturing, Limited
EIN: 98-0210484 Plan: #001
As of December 31, 2021
Schedule H, line 4i – Schedule of Assets (Held at End of Year)

Identity of Issue	Description of Investment	Current Value
Amgen Stock*	Employer Securities 411,461 shares	\$ 92,566,483
		\$ 92,566,483
Capital Preservation Asset Class:		
Wells Fargo Stable Value Fund W*	Collective Trust Fund 1,244,438 units	74,316,074
NT Collective Short Term Investment Fund*	Collective Trust Fund 4,077,483 units	4,077,483
Total Capital Preservation Asset Class		78,393,557
Fixed Income Asset Class:		
MetLife Core Plus Collective Fund*	Collective Trust Fund 1,692,802 units	18,333,045
Wellington Core Bond Plus Portfolio Collective Investment Trust II*	Collective Trust Fund 1,370,638 units	18,256,904
Schroder Global Strategic Bond Trust Class W*	Collective Trust Fund 467,071 units	4,754,785
Putnam Absolute Return Fixed Income Fund*	Collective Trust Fund 61,961 units	4,599,368
Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending*	Collective Trust Fund 18,357 units	2,964,350
Total Fixed Income Asset Class		48,908,452
Fixed Income Index Asset Class:		
Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending*	Collective Trust Fund 635,366 units	102,598,903
Total Fixed Income Index Asset Class		102,598,903
U.S. Equity Asset Class:		
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 194,941 units	14,355,668
Amazon Inc.	Common and Preferred Stock 1,315 shares	4,384,657
Interest Bearing Cash	Cash and Cash Equivalents 4,189,715 units	4,189,715
Visa Inc. Class A	Common and Preferred Stock 17,724 shares	3,840,968
Facebook Inc.	Common and Preferred Stock 9,411 shares	3,165,390
Netflix, Inc.	Common and Preferred Stock 3,741 shares	2,253,728
Intuit Inc.	Common and Preferred Stock 2,777 shares	1,786,222
Mastercard Inc. Class A	Common and Preferred Stock 4,883 shares	1,754,560
TransDigm Group Inc.	Common and Preferred Stock 2,580 shares	1,641,602
CoStar Group Inc.	Common and Preferred Stock 20,652 shares	1,632,128
Applovin Corporation Class A	Common and Preferred Stock 17,277 shares	1,628,530
Sea Limited	Common and Preferred Stock 6,552 shares	1,465,748
Match Group Inc.	Common and Preferred Stock 10,866 shares	1,437,029
ServiceNow Inc.	Common and Preferred Stock 2,142 shares	1,390,394
Applied Materials Inc.	Common and Preferred Stock 8,832 shares	1,389,804
Heico Corporation Class A	Common and Preferred Stock 10,318 shares	1,326,069
UnitedHealth Group Inc.	Common and Preferred Stock 2,505 shares	1,257,861
Lam Research Corporation	Common and Preferred Stock 1,746 shares	1,255,636
Wayfair Inc. Class A	Common and Preferred Stock 6,533 shares	1,241,074

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Microsoft Corporation	Common and Preferred Stock 3,674 shares	1,235,640
Northern Trust Global Investments Collective Daily Short Term Investment Fund - Non Lending*	Collective Trust Fund 1,230,547 units	1,230,547
Skyworks Solutions Inc	Common and Preferred Stock 7,921 shares	1,228,864
Qorvo, Inc.	Common and Preferred Stock 7,846 shares	1,227,033
KKR & Company Inc. Class A	Common and Preferred Stock 15,788 shares	1,176,206
The Carlyle Group Inc.	Common and Preferred Stock 21,419 shares	1,175,903
Microsoft Corporation	Common and Preferred Stock 3,358 shares	1,129,363
Salesforce.com Inc.	Common and Preferred Stock 4,380 shares	1,113,089
STERIS plc	Common and Preferred Stock 4,528 shares	1,102,160
Upstart Holdings Inc.	Common and Preferred Stock 7,262 shares	1,098,741
Block, Inc.	Common and Preferred Stock 6,674 shares	1,077,918
Alphabet Inc.	Common and Preferred Stock 366 shares	1,059,054
American International Group Inc.	Common and Preferred Stock 18,379 shares	1,045,030
Ball Corporation	Common and Preferred Stock 10,819 shares	1,041,545
General Electric	Common and Preferred Stock 10,870 shares	1,026,889
Lear Corporation	Common and Preferred Stock 5,561 shares	1,017,385
Skechers USA Inc. Class A	Common and Preferred Stock 23,344 shares	1,013,130
Workday Inc. Class A	Common and Preferred Stock 3,650 shares	997,107
Wells Fargo & Company*	Common and Preferred Stock 20,661 shares	991,315
Danaher Corporation	Common and Preferred Stock 2,984 shares	981,766
Entegris Inc.	Common and Preferred Stock 6,976 shares	966,734
Yum! Brands Inc.	Common and Preferred Stock 6,880 shares	955,357
Splunk Inc.	Common and Preferred Stock 8,142 shares	942,192
Charles River Laboratories International Inc.	Common and Preferred Stock 2,450 shares	923,111
Clean Harbors Inc.	Common and Preferred Stock 9,081 shares	906,011
Catalent Inc.	Common and Preferred Stock 7,051 shares	902,740
Cognizant Technology Solutions Corporation Class A	Common and Preferred Stock 10,118 shares	897,669
Alphabet Inc. Class C	Common and Preferred Stock 305 shares	882,545
Salesforce.com Inc.	Common and Preferred Stock 3,444 shares	875,224
Abbott Laboratories	Common and Preferred Stock 6,161 shares	867,099
Paypal Holdings Inc.	Common and Preferred Stock 4,506 shares	849,741
Edison International	Common and Preferred Stock 12,361 shares	843,638
Thermo Fisher Corporation	Common and Preferred Stock 1,257 shares	838,721
NRG Energy Inc.	Common and Preferred Stock 19,439 shares	837,432
Twilio Inc. Class A	Common and Preferred Stock 3,153 shares	830,311
Equinix Inc.	Common and Preferred Stock 961 shares	812,852
Uber Technologies Inc.	Common and Preferred Stock 19,301 shares	809,291
Waste Connections Inc.	Common and Preferred Stock 5,885 shares	801,949
Synopsys Inc.	Common and Preferred Stock 2,169 shares	799,277
Autodesk Inc.	Common and Preferred Stock 2,837 shares	797,736
Wabtec Corporation	Common and Preferred Stock 8,568 shares	789,198
Newell Brands Inc.	Common and Preferred Stock 35,941 shares	784,951
IHS Markit Limited	Common and Preferred Stock 5,863 shares	779,310
Citigroup Inc.	Common and Preferred Stock 12,889 shares	778,367
Walt Disney Company	Common and Preferred Stock 4,950 shares	766,706
Atlassian Corporation PLC Class A	Common and Preferred Stock 1,949 shares	743,134
Regeneron Pharmaceuticals, Inc.	Common and Preferred Stock 1,172 shares	740,141
MSCI Inc.	Common and Preferred Stock 1,208 shares	740,130
Nvidia Corporation	Common and Preferred Stock 2,440 shares	717,628

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Henry Schein Inc.	Common and Preferred Stock 8,984 shares	696,530
Ametek Inc.	Common and Preferred Stock 4,727 shares	695,058
Align Technology Inc.	Common and Preferred Stock 1,050 shares	690,039
Halliburton Company	Common and Preferred Stock 29,781 shares	681,091
Shopify Inc	Common and Preferred Stock 488 shares	672,166
PVH Corporation	Common and Preferred Stock 6,112 shares	651,845
Western Alliance Bancorporation	Common and Preferred Stock 6,055 shares	651,821
Amphenol Corporation Class A	Common and Preferred Stock 7,396 shares	646,854
FMC Corporation	Common and Preferred Stock 5,806 shares	638,021
Equitable Holdings Inc.	Common and Preferred Stock 19,369 shares	635,110
American Express Company	Common and Preferred Stock 3,853 shares	630,351
FleetCor Technologies Inc.	Common and Preferred Stock 2,782 shares	622,723
Merit Medical Systems Inc.	Common and Preferred Stock 9,987 shares	622,190
MetLife Inc.*	Common and Preferred Stock 9,757 shares	609,715
Sensata Technologies BV Holding	Common and Preferred Stock 9,859 shares	608,202
UGI Corporation	Common and Preferred Stock 13,240 shares	607,848
Zoetis Inc. Class A	Common and Preferred Stock 2,487 shares	606,903
Halozyme Therapeutics Inc.	Common and Preferred Stock 15,092 shares	606,849
Hewlett Packard Enterprise Company	Common and Preferred Stock 38,249 shares	603,187
Dexcom Inc.	Common and Preferred Stock 1,095 shares	587,960
Axis Capital Holdings Limited	Common and Preferred Stock 10,653 shares	580,269
Baker Hughes Company	Common and Preferred Stock 24,064 shares	578,980
Intuitive Surgical, Inc.	Common and Preferred Stock 1,608 shares	577,754
Huntington Bancshares Inc.	Common and Preferred Stock 36,918 shares	569,276
Linde PLC	Common and Preferred Stock 1,627 shares	563,642
Matson Inc.	Common and Preferred Stock 6,253 shares	562,958
McKesson Corporation	Common and Preferred Stock 2,189 shares	544,120
J2 Global Inc.	Common and Preferred Stock 4,890 shares	542,105
Charter Communications, Inc. Class A	Common and Preferred Stock 829 shares	540,483
Mohawk Industries Inc.	Common and Preferred Stock 2,945 shares	536,520
Amdocs Limited	Common and Preferred Stock 7,100 shares	531,364
Gildan Activewear Inc.	Common and Preferred Stock 12,462 shares	528,264
Illumina, Inc.	Common and Preferred Stock 1,359 shares	517,018
LKQ Corporation	Common and Preferred Stock 8,594 shares	515,898
Voya Financial Inc.	Common and Preferred Stock 7,741 shares	513,306
On Semiconductor Corporation	Common and Preferred Stock 7,551 shares	512,864
Dow Inc.	Common and Preferred Stock 9,008 shares	510,934
Snowflake Inc. Class A	Common and Preferred Stock 1,471 shares	498,301
Trinet Group Inc.	Common and Preferred Stock 5,223 shares	497,543
Floor & Decor Holdings Inc.	Common and Preferred Stock 3,746 shares	487,017
Capital One Financial Corporation	Common and Preferred Stock 3,333 shares	483,585
RingCentral, Inc. Class A	Common and Preferred Stock 2,581 shares	483,550
Edwards Lifesciences Corporation	Common and Preferred Stock 3,720 shares	481,926
Fresenius Medical Care	Common and Preferred Stock 14,580 shares	473,267
Sally Beauty Holdings Inc.	Common and Preferred Stock 25,477 shares	470,305
IDEX Corporation	Common and Preferred Stock 1,983 shares	468,623
Exxon Mobil Corporation	Common and Preferred Stock 7,550 shares	461,985
Brown & Brown Inc.	Common and Preferred Stock 6,462 shares	454,149
Warner Music Group Corporation Class A	Common and Preferred Stock 10,501 shares	453,433
DoorDash Inc. Class A	Common and Preferred Stock 2,972 shares	442,531
Sarepta Therapeutics Inc.	Common and Preferred Stock 4,848 shares	436,562

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Ritchie Bros Auctioneers Inc.	Common and Preferred Stock 7,013 shares	429,266
Frontdoor Inc.	Common and Preferred Stock 11,564 shares	423,821
NOV Inc.	Common and Preferred Stock 31,186 shares	422,570
C.H. Robinson Worldwide Inc.	Common and Preferred Stock 3,885 shares	418,143
Euronet Worldwide Inc.	Common and Preferred Stock 3,483 shares	415,069
Keysight Technologies Inc.	Common and Preferred Stock 1,984 shares	409,716
Ingredion Inc.	Common and Preferred Stock 4,226 shares	408,401
BWX Technologies Inc.	Common and Preferred Stock 8,379 shares	401,187
JP Morgan Chase & Company*	Common and Preferred Stock 2,458 shares	389,224
KAR Auction Services Inc.	Common and Preferred Stock 24,539 shares	383,299
Airbnb Inc. Class A	Common and Preferred Stock 2,276 shares	378,931
Hanesbrands Inc.	Common and Preferred Stock 22,511 shares	376,384
Belden Inc.	Common and Preferred Stock 5,663 shares	372,229
Goldman Sachs Group Inc.	Common and Preferred Stock 966 shares	369,543
National Retail Properties Inc.	Common and Preferred Stock 7,662 shares	368,312
Generac Holdings Inc.	Common and Preferred Stock 1,046 shares	368,108
Zendesk Inc.	Common and Preferred Stock 3,506 shares	365,641
Middleby Corporation	Common and Preferred Stock 1,843 shares	362,629
Helen Trustoy Limited	Common and Preferred Stock 1,460 shares	356,926
First American Financial Corporation	Common and Preferred Stock 4,484 shares	350,783
Woodward Inc.	Common and Preferred Stock 3,135 shares	343,157
Cabot Corporation	Common and Preferred Stock 6,024 shares	338,549
Syneos Health Inc.	Common and Preferred Stock 3,266 shares	335,353
Textron Inc.	Common and Preferred Stock 4,337 shares	334,816
Carter Inc.	Common and Preferred Stock 3,214 shares	325,321
New Relic Inc.	Common and Preferred Stock 2,839 shares	312,176
UBS Group AG	Common and Preferred Stock 17,398 shares	310,902
Tennant Company	Common and Preferred Stock 3,813 shares	309,006
ASGN Inc.	Common and Preferred Stock 2,496 shares	308,006
MACOM Technology Solutions Holdings Inc.	Common and Preferred Stock 3,919 shares	306,858
FTI Consulting Inc.	Common and Preferred Stock 1,989 shares	305,152
Rogers Corporation	Common and Preferred Stock 1,104 shares	301,392
Copart Inc.	Common and Preferred Stock 1,940 shares	294,143
GlobalFoundries Inc.	Common and Preferred Stock 4,506 shares	292,755
Grand Canyon Education Inc.	Common and Preferred Stock 3,369 shares	288,757
Bank of America Corporation*	Common and Preferred Stock 6,456 shares	287,227
ACV Auctions Inc. Class A	Common and Preferred Stock 15,193 shares	286,236
Pfizer Inc.	Common and Preferred Stock 4,833 shares	285,389
Quidel Corporation	Common and Preferred Stock 2,109 shares	284,694
Kirby Corporation	Common and Preferred Stock 4,745 shares	281,948
Dycom Industries Inc.	Common and Preferred Stock 2,960 shares	277,530
2U Inc.	Common and Preferred Stock 13,571 shares	272,370
Prosperity Bancshares Inc.	Common and Preferred Stock 3,719 shares	268,884
Forward Air Corporation	Common and Preferred Stock 2,203 shares	266,761
8X8 Inc.	Common and Preferred Stock 15,801 shares	264,825
Graco Inc.	Common and Preferred Stock 3,282 shares	264,595
LPL Financial Holdings Inc.	Common and Preferred Stock 1,645 shares	263,348
Momentive Global Inc.	Common and Preferred Stock 12,446 shares	263,233
Trimble Inc.	Common and Preferred Stock 3,017 shares	263,052
HealthEquity Inc.	Common and Preferred Stock 5,894 shares	260,751
Royal Dutch Shell PLC	Common and Preferred Stock 5,836 shares	253,282

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Carvana Company Class A	Common and Preferred Stock 1,087 shares	251,956
SS&C Technologies Holdings Inc.	Common and Preferred Stock 3,001 shares	246,022
Alleghany Corporation	Common and Preferred Stock 368 shares	245,673
Hologic Inc.	Common and Preferred Stock 3,154 shares	241,470
AMN Healthcare Services Inc.	Common and Preferred Stock 1,969 shares	240,868
Cloudflare Inc.	Common and Preferred Stock 1,831 shares	240,777
Cardinal Health, Inc.	Common and Preferred Stock 4,675 shares	240,716
Gartner Inc.	Common and Preferred Stock 717 shares	239,707
Acadia Healthcare Company Inc.	Common and Preferred Stock 3,942 shares	239,279
BankUnited Inc.	Common and Preferred Stock 5,612 shares	237,444
Mid-American Apartment Communities Inc.	Common and Preferred Stock 1,026 shares	235,405
Bottomline Technologies Inc.	Common and Preferred Stock 4,159 shares	234,859
AerCap Holdings N.V.	Common and Preferred Stock 3,578 shares	234,073
10X Genomics Inc. Class A	Common and Preferred Stock 1,542 shares	229,696
Booking Holdings Inc.	Common and Preferred Stock 90 shares	215,931
Cenovus Energy Inc.	Common and Preferred Stock 17,544 shares	215,440
National Bank Holdings Corporation Class A	Common and Preferred Stock 4,868 shares	213,900
Cohen & Steers Inc.	Common and Preferred Stock 2,298 shares	212,588
Advanced Energy Industries Inc.	Common and Preferred Stock 2,326 shares	211,806
Chemed Corporation	Common and Preferred Stock 396 shares	209,500
Tronox Holdings PLC	Common and Preferred Stock 8,709 shares	209,277
ALLETE Inc.	Common and Preferred Stock 3,106 shares	206,083
Nasdaq Inc.	Common and Preferred Stock 981 shares	206,020
Itron Inc.	Common and Preferred Stock 2,952 shares	202,271
Signature Bank	Common and Preferred Stock 616 shares	199,258
Albany International Corporation Class A	Common and Preferred Stock 2,218 shares	196,182
Mednax Inc.	Common and Preferred Stock 7,175 shares	195,232
ABM Industrials Inc.	Common and Preferred Stock 4,680 shares	191,178
Atmos Energy Corporation	Common and Preferred Stock 1,815 shares	190,158
Sotera Health Company	Common and Preferred Stock 8,032 shares	189,154
Harsco Corporation	Common and Preferred Stock 11,142 shares	186,183
ACI Worldwide Inc.	Common and Preferred Stock 5,357 shares	185,888
Carlisle Companies Inc.	Common and Preferred Stock 745 shares	184,849
KBR, Inc.	Common and Preferred Stock 3,836 shares	182,670
Veracyte Inc.	Common and Preferred Stock 4,425 shares	182,310
Knowles Corporation	Common and Preferred Stock 7,782 shares	181,710
NCR Corporation	Common and Preferred Stock 4,507 shares	181,181
Bio-Techne Corporation	Common and Preferred Stock 345 shares	178,482
Aspen Technology Inc.	Common and Preferred Stock 1,135 shares	172,747
N-Able Technologies International Inc.	Common and Preferred Stock 15,491 shares	171,950
Markel Corporation Holding Company	Common and Preferred Stock 138 shares	170,292
Altra Industrial Motion Corporation	Common and Preferred Stock 3,296 shares	169,975
Mimecast Limited	Common and Preferred Stock 2,126 shares	169,166
Monro Inc.	Common and Preferred Stock 2,886 shares	168,167
Fiverr International Limited	Common and Preferred Stock 1,471 shares	167,253
Barnes Group Inc.	Common and Preferred Stock 3,531 shares	164,509
AptarGroup Inc.	Common and Preferred Stock 1,335 shares	163,511
CarGurus Inc. Class A	Common and Preferred Stock 4,811 shares	161,842
Wolverine World Wide Inc.	Common and Preferred Stock 5,530 shares	159,319
Canada Goose Holdings Inc.	Common and Preferred Stock 4,272 shares	158,320
Omniceil Inc.	Common and Preferred Stock 863 shares	155,720

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
WisdomTree Investments Inc.	Common and Preferred Stock 25,398 shares	155,436
WillScot Mobile Mini Holdings Corporation	Common and Preferred Stock 3,765 shares	153,763
Hexcel Corporation	Common and Preferred Stock 2,939 shares	152,240
Boston Properties Inc.	Common and Preferred Stock 1,307 shares	150,540
CareDx Inc.	Common and Preferred Stock 3,303 shares	150,220
Herbalife Nutrition Limited	Common and Preferred Stock 3,639 shares	148,944
Smartsheet Inc. Class A	Common and Preferred Stock 1,919 shares	148,627
II-Vi Inc.	Common and Preferred Stock 2,170 shares	148,276
ZipRecruiter Inc. Class A	Common and Preferred Stock 5,701 shares	142,183
Matthews International Corporation Class A	Common and Preferred Stock 3,854 shares	141,326
Huron Consulting Group Inc.	Common and Preferred Stock 2,796 shares	139,520
Under Armour Inc. Class C	Common and Preferred Stock 7,690 shares	138,728
Pacific Premier Bancorp Inc.	Common and Preferred Stock 3,410 shares	136,502
Kraton Corporation	Common and Preferred Stock 2,935 shares	135,949
Cimpress plc	Common and Preferred Stock 1,868 shares	133,767
Supernus Pharmaceuticals Inc.	Common and Preferred Stock 4,570 shares	133,261
Teledyne Technologies Inc.	Common and Preferred Stock 305 shares	133,251
Kodiak Sciences Inc.	Common and Preferred Stock 1,570 shares	133,105
Privia Health Group Inc.	Common and Preferred Stock 5,145 shares	133,101
Ciena Corporation	Common and Preferred Stock 1,713 shares	131,850
Graphic Packaging Holding Company	Common and Preferred Stock 6,761 shares	131,840
IAA Spincor Inc.	Common and Preferred Stock 2,604 shares	131,814
Prestige Consumer Healthcare Inc.	Common and Preferred Stock 2,140 shares	129,791
Knight-Swift Transportation Holdings Inc. Class A	Common and Preferred Stock 2,124 shares	129,437
Box Inc. Class A	Common and Preferred Stock 4,910 shares	128,593
Sumo Logic Inc.	Common and Preferred Stock 9,442 shares	128,034
Nu Skin Enterprises Inc. Class A	Common and Preferred Stock 2,520 shares	127,890
Bank Ozk	Common and Preferred Stock 2,741 shares	127,539
PacWest Bancorp	Common and Preferred Stock 2,819 shares	127,334
JBG SMITH Properties	Common and Preferred Stock 4,435 shares	127,329
SLR Investment Corporation	Common and Preferred Stock 6,882 shares	126,835
IPG Photonics Corporation	Common and Preferred Stock 736 shares	126,695
Diamondback Energy Inc.	Common and Preferred Stock 1,163 shares	125,430
Tenable Holdings Inc.	Common and Preferred Stock 2,260 shares	124,458
Sportradar Group	Common and Preferred Stock 7,033 shares	123,570
Encompass Health Corporation	Common and Preferred Stock 1,887 shares	123,146
Range Resources Corporation	Common and Preferred Stock 6,805 shares	121,333
Anaplan Inc.	Common and Preferred Stock 2,607 shares	119,531
BRP Group Inc. Class A	Common and Preferred Stock 3,276 shares	118,296
Mandiant Inc.	Common and Preferred Stock 6,742 shares	118,255
Nevro Corporation	Common and Preferred Stock 1,412 shares	114,471
KnowBe4 Inc. Class A	Common and Preferred Stock 4,912 shares	112,681
Texas Pacific Land Corporation	Common and Preferred Stock 90 shares	112,398
Texas Capital Bancshares Inc.	Common and Preferred Stock 1,850 shares	111,463
Berkshire Hills Bancorp Inc.	Common and Preferred Stock 3,846 shares	109,342
Arvinas Inc.	Common and Preferred Stock 1,322 shares	108,589
AZZ Inc.	Common and Preferred Stock 1,934 shares	106,931
Relay Therapeutics Inc.	Common and Preferred Stock 3,474 shares	106,687
Abiomed Inc.	Common and Preferred Stock 291 shares	104,518
Sterling Check Corporation	Common and Preferred Stock 5,003 shares	102,612
Coherus BioSciences Inc.	Common and Preferred Stock 6,418 shares	102,431

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Agios Pharmaceuticals Inc.	Common and Preferred Stock 3,108 shares	102,160
TreeHouse Foods Inc.	Common and Preferred Stock 2,489 shares	100,879
Evercore Inc.	Common and Preferred Stock 742 shares	100,801
John Bean Technologies Corporation	Common and Preferred Stock 653 shares	100,275
Alamos Gold Inc. Class A	Common and Preferred Stock 13,039 shares	100,270
World Wrestling Entertainment	Common and Preferred Stock 2,021 shares	99,716
Vroom Inc.	Common and Preferred Stock 9,043 shares	97,574
Fox Factory Holding Corporation	Common and Preferred Stock 571 shares	97,127
Solarwinds Corporation	Common and Preferred Stock 6,655 shares	94,434
Consensus Cloud Solutions Inc.	Common and Preferred Stock 1,630 shares	94,328
Farfetch Limited Class A	Common and Preferred Stock 2,807 shares	93,838
Heron Therapeutics Inc.	Common and Preferred Stock 10,257 shares	93,646
Polaris Inc.	Common and Preferred Stock 849 shares	93,314
C4 Therapeutics Inc.	Common and Preferred Stock 2,896 shares	93,251
Shutterstock Inc.	Common and Preferred Stock 833 shares	92,363
1-800-FLOWERS.COM Inc. Class A	Common and Preferred Stock 3,906 shares	91,283
Albemarle Corporation	Common and Preferred Stock 390 shares	91,170
Axogen Inc.	Common and Preferred Stock 9,578 shares	89,746
Cooper Companies Inc.	Common and Preferred Stock 214 shares	89,653
SpringWorks Therapeutics Inc.	Common and Preferred Stock 1,431 shares	88,693
Cal/Maine Foods Inc.	Common and Preferred Stock 2,271 shares	84,004
iShares Core S&P Small-Cap ETF	Mutual Fund 711 units	81,417
United Community Bank Blairsville Georgia	Common and Preferred Stock 2,167 shares	77,882
Designer Brands Inc. Class A	Common and Preferred Stock 5,461 shares	77,601
Exact Sciences Corporation	Common and Preferred Stock 992 shares	77,207
KB Home	Common and Preferred Stock 1,723 shares	77,070
Cano Health Inc. Class A	Common and Preferred Stock 8,629 shares	76,884
Northwestern Corporation	Common and Preferred Stock 1,288 shares	73,622
Flowserve Corporation	Common and Preferred Stock 2,312 shares	70,747
Xperi Holding Corporation	Common and Preferred Stock 3,567 shares	67,452
Mercury Systems Inc.	Common and Preferred Stock 1,220 shares	67,173
WSFS Financial Corporation	Common and Preferred Stock 1,334 shares	66,860
Viking Therapeutics Inc.	Common and Preferred Stock 14,502 shares	66,709
Infinera Corporation	Common and Preferred Stock 6,887 shares	66,046
CalAmp Corporation	Common and Preferred Stock 9,231 shares	65,171
PetIQ Inc. Class A	Common and Preferred Stock 2,839 shares	64,474
Heartland Express Inc.	Common and Preferred Stock 3,678 shares	61,864
Silgan Holdings Inc.	Common and Preferred Stock 1,398 shares	59,890
Banner Corporation	Common and Preferred Stock 958 shares	58,122
iShares Russell Mid-Cap ETF	Mutual Fund 684 units	56,779
Haemonetics Corporation	Common and Preferred Stock 1,045 shares	55,427
Oceaneering International Inc.	Common and Preferred Stock 4,695 shares	53,100
STAG Industrial Inc.	Common and Preferred Stock 1,045 shares	50,118
NexTier Oilfield Solutions Inc.	Common and Preferred Stock 13,815 shares	49,043
iShares Russell 2000 ETF	Mutual Fund 196 units	43,600
Alight Inc. Class A	Common and Preferred Stock 3,663 shares	39,597
eHealth Inc.	Common and Preferred Stock 1,515 shares	38,633
J & J Snack Foods Corporation	Common and Preferred Stock 183 shares	28,907
Talis Biomedical Corporation	Common and Preferred Stock 4,505 shares	18,065
Total U.S. Equity Asset Class		163,414,122

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
U.S. Equity Index Asset Class:		
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 990,833 units	72,965,905
Total U.S. Equity Index Asset Class		72,965,905
International Equity Asset Class:		
Mawer International Equity Collective Investment Trust Class B*	Collective Trust Fund 734,108 units	13,229,501
Polaris Capital Management Collective Investment Trust International Value Collective Fund*	Collective Trust Fund 1,035,731 units	12,257,148
Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C*	Collective Trust Fund 770,064 units	10,665,382
Wilmington Trust Collective Investment Trust / Jennison International Equity Opportunities CIT Class J*	Collective Trust Fund 669,574 units	8,182,199
Dodge & Cox International Fund	Mutual Fund 153,484 units	7,258,258
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending*	Collective Trust Fund 26,502 units	5,801,803
Interest Bearing Cash	Cash and Cash Equivalents 811 units	811
Total International Equity Asset Class		57,395,102
International Index Asset Class:		
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending (Tier J)*	Collective Trust Fund 212,109 units	42,400,635
BlackRock FTSE RAFI Emerging Index Non Lendable Fund F*	Collective Trust Fund 1,675 units	7,742
Total International Index Asset Class		42,408,377
Participant Self-Directed Accounts	Various Investments	11,245,694
		11,245,694
Notes Receivable from Participants*	Interest Rate 4.25% - 9.25%	14,995,778
		14,995,778
Other		
Vanguard Federal Money Market	Cash and Cash Equivalents 40,688 units	40,688
NT Collective Short Term Investment Fund*	Collective Trust Fund 1,342 units	1,342
Total Other		42,030
Grand Total		\$ 684,934,403

* Indicates party-in-interest

Supplemental Schedule
The Retirement and Savings Plan for Amgen Manufacturing, Limited
EIN: 98-0210484 Plan: #001
As of December 31, 2021
Schedule H, line 4i – Schedule of Assets (Held at End of Year)

Identity of Issue	Description of Investment	Current Value
Amgen Stock*	Employer Securities 411,461 shares	\$ 92,566,483
		\$ 92,566,483
Capital Preservation Asset Class:		
Wells Fargo Stable Value Fund W*	Collective Trust Fund 1,244,438 units	74,316,074
NT Collective Short Term Investment Fund*	Collective Trust Fund 4,077,483 units	4,077,483
Total Capital Preservation Asset Class		78,393,557
Fixed Income Asset Class:		
MetLife Core Plus Collective Fund*	Collective Trust Fund 1,692,802 units	18,333,045
Wellington Core Bond Plus Portfolio Collective Investment Trust II*	Collective Trust Fund 1,370,638 units	18,256,904
Schroder Global Strategic Bond Trust Class W*	Collective Trust Fund 467,071 units	4,754,785
Putnam Absolute Return Fixed Income Fund*	Collective Trust Fund 61,961 units	4,599,368
Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending*	Collective Trust Fund 18,357 units	2,964,350
Total Fixed Income Asset Class		48,908,452
Fixed Income Index Asset Class:		
Northern Trust Global Investments Collective Daily Aggregate Bond Index Fund - Non Lending*	Collective Trust Fund 635,366 units	102,598,903
Total Fixed Income Index Asset Class		102,598,903
U.S. Equity Asset Class:		
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 194,941 units	14,355,668
Amazon Inc.	Common and Preferred Stock 1,315 shares	4,384,657
Interest Bearing Cash	Cash and Cash Equivalents 4,189,715 units	4,189,715
Visa Inc. Class A	Common and Preferred Stock 17,724 shares	3,840,968
Facebook Inc.	Common and Preferred Stock 9,411 shares	3,165,390
Netflix, Inc.	Common and Preferred Stock 3,741 shares	2,253,728
Intuit Inc.	Common and Preferred Stock 2,777 shares	1,786,222
Mastercard Inc. Class A	Common and Preferred Stock 4,883 shares	1,754,560
TransDigm Group Inc.	Common and Preferred Stock 2,580 shares	1,641,602
CoStar Group Inc.	Common and Preferred Stock 20,652 shares	1,632,128
Applovin Corporation Class A	Common and Preferred Stock 17,277 shares	1,628,530
Sea Limited	Common and Preferred Stock 6,552 shares	1,465,748
Match Group Inc.	Common and Preferred Stock 10,866 shares	1,437,029
ServiceNow Inc.	Common and Preferred Stock 2,142 shares	1,390,394
Applied Materials Inc.	Common and Preferred Stock 8,832 shares	1,389,804
Heico Corporation Class A	Common and Preferred Stock 10,318 shares	1,326,069
UnitedHealth Group Inc.	Common and Preferred Stock 2,505 shares	1,257,861
Lam Research Corporation	Common and Preferred Stock 1,746 shares	1,255,636
Wayfair Inc. Class A	Common and Preferred Stock 6,533 shares	1,241,074

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Microsoft Corporation	Common and Preferred Stock 3,674 shares	1,235,640
Northern Trust Global Investments Collective Daily Short Term Investment Fund - Non Lending*	Collective Trust Fund 1,230,547 units	1,230,547
Skyworks Solutions Inc	Common and Preferred Stock 7,921 shares	1,228,864
Qorvo, Inc.	Common and Preferred Stock 7,846 shares	1,227,033
KKR & Company Inc. Class A	Common and Preferred Stock 15,788 shares	1,176,206
The Carlyle Group Inc.	Common and Preferred Stock 21,419 shares	1,175,903
Microsoft Corporation	Common and Preferred Stock 3,358 shares	1,129,363
Salesforce.com Inc.	Common and Preferred Stock 4,380 shares	1,113,089
STERIS plc	Common and Preferred Stock 4,528 shares	1,102,160
Upstart Holdings Inc.	Common and Preferred Stock 7,262 shares	1,098,741
Block, Inc.	Common and Preferred Stock 6,674 shares	1,077,918
Alphabet Inc.	Common and Preferred Stock 366 shares	1,059,054
American International Group Inc.	Common and Preferred Stock 18,379 shares	1,045,030
Ball Corporation	Common and Preferred Stock 10,819 shares	1,041,545
General Electric	Common and Preferred Stock 10,870 shares	1,026,889
Lear Corporation	Common and Preferred Stock 5,561 shares	1,017,385
Skechers USA Inc. Class A	Common and Preferred Stock 23,344 shares	1,013,130
Workday Inc. Class A	Common and Preferred Stock 3,650 shares	997,107
Wells Fargo & Company*	Common and Preferred Stock 20,661 shares	991,315
Danaher Corporation	Common and Preferred Stock 2,984 shares	981,766
Entegris Inc.	Common and Preferred Stock 6,976 shares	966,734
Yum! Brands Inc.	Common and Preferred Stock 6,880 shares	955,357
Splunk Inc.	Common and Preferred Stock 8,142 shares	942,192
Charles River Laboratories International Inc.	Common and Preferred Stock 2,450 shares	923,111
Clean Harbors Inc.	Common and Preferred Stock 9,081 shares	906,011
Catalent Inc.	Common and Preferred Stock 7,051 shares	902,740
Cognizant Technology Solutions Corporation Class A	Common and Preferred Stock 10,118 shares	897,669
Alphabet Inc. Class C	Common and Preferred Stock 305 shares	882,545
Salesforce.com Inc.	Common and Preferred Stock 3,444 shares	875,224
Abbott Laboratories	Common and Preferred Stock 6,161 shares	867,099
Paypal Holdings Inc.	Common and Preferred Stock 4,506 shares	849,741
Edison International	Common and Preferred Stock 12,361 shares	843,638
Thermo Fisher Corporation	Common and Preferred Stock 1,257 shares	838,721
NRG Energy Inc.	Common and Preferred Stock 19,439 shares	837,432
Twilio Inc. Class A	Common and Preferred Stock 3,153 shares	830,311
Equinix Inc.	Common and Preferred Stock 961 shares	812,852
Uber Technologies Inc.	Common and Preferred Stock 19,301 shares	809,291
Waste Connections Inc.	Common and Preferred Stock 5,885 shares	801,949
Synopsys Inc.	Common and Preferred Stock 2,169 shares	799,277
Autodesk Inc.	Common and Preferred Stock 2,837 shares	797,736
Wabtec Corporation	Common and Preferred Stock 8,568 shares	789,198
Newell Brands Inc.	Common and Preferred Stock 35,941 shares	784,951
IHS Markit Limited	Common and Preferred Stock 5,863 shares	779,310
Citigroup Inc.	Common and Preferred Stock 12,889 shares	778,367
Walt Disney Company	Common and Preferred Stock 4,950 shares	766,706
Atlassian Corporation PLC Class A	Common and Preferred Stock 1,949 shares	743,134
Regeneron Pharmaceuticals, Inc.	Common and Preferred Stock 1,172 shares	740,141
MSCI Inc.	Common and Preferred Stock 1,208 shares	740,130
Nvidia Corporation	Common and Preferred Stock 2,440 shares	717,628

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Henry Schein Inc.	Common and Preferred Stock 8,984 shares	696,530
Ametek Inc.	Common and Preferred Stock 4,727 shares	695,058
Align Technology Inc.	Common and Preferred Stock 1,050 shares	690,039
Halliburton Company	Common and Preferred Stock 29,781 shares	681,091
Shopify Inc	Common and Preferred Stock 488 shares	672,166
PVH Corporation	Common and Preferred Stock 6,112 shares	651,845
Western Alliance Bancorporation	Common and Preferred Stock 6,055 shares	651,821
Amphenol Corporation Class A	Common and Preferred Stock 7,396 shares	646,854
FMC Corporation	Common and Preferred Stock 5,806 shares	638,021
Equitable Holdings Inc.	Common and Preferred Stock 19,369 shares	635,110
American Express Company	Common and Preferred Stock 3,853 shares	630,351
FleetCor Technologies Inc.	Common and Preferred Stock 2,782 shares	622,723
Merit Medical Systems Inc.	Common and Preferred Stock 9,987 shares	622,190
MetLife Inc.*	Common and Preferred Stock 9,757 shares	609,715
Sensata Technologies BV Holding	Common and Preferred Stock 9,859 shares	608,202
UGI Corporation	Common and Preferred Stock 13,240 shares	607,848
Zoetis Inc. Class A	Common and Preferred Stock 2,487 shares	606,903
Halozyme Therapeutics Inc.	Common and Preferred Stock 15,092 shares	606,849
Hewlett Packard Enterprise Company	Common and Preferred Stock 38,249 shares	603,187
Dexcom Inc.	Common and Preferred Stock 1,095 shares	587,960
Axis Capital Holdings Limited	Common and Preferred Stock 10,653 shares	580,269
Baker Hughes Company	Common and Preferred Stock 24,064 shares	578,980
Intuitive Surgical, Inc.	Common and Preferred Stock 1,608 shares	577,754
Huntington Bancshares Inc.	Common and Preferred Stock 36,918 shares	569,276
Linde PLC	Common and Preferred Stock 1,627 shares	563,642
Matson Inc.	Common and Preferred Stock 6,253 shares	562,958
McKesson Corporation	Common and Preferred Stock 2,189 shares	544,120
J2 Global Inc.	Common and Preferred Stock 4,890 shares	542,105
Charter Communications, Inc. Class A	Common and Preferred Stock 829 shares	540,483
Mohawk Industries Inc.	Common and Preferred Stock 2,945 shares	536,520
Amdocs Limited	Common and Preferred Stock 7,100 shares	531,364
Gildan Activewear Inc.	Common and Preferred Stock 12,462 shares	528,264
Illumina, Inc.	Common and Preferred Stock 1,359 shares	517,018
LKQ Corporation	Common and Preferred Stock 8,594 shares	515,898
Voya Financial Inc.	Common and Preferred Stock 7,741 shares	513,306
On Semiconductor Corporation	Common and Preferred Stock 7,551 shares	512,864
Dow Inc.	Common and Preferred Stock 9,008 shares	510,934
Snowflake Inc. Class A	Common and Preferred Stock 1,471 shares	498,301
Trinet Group Inc.	Common and Preferred Stock 5,223 shares	497,543
Floor & Decor Holdings Inc.	Common and Preferred Stock 3,746 shares	487,017
Capital One Financial Corporation	Common and Preferred Stock 3,333 shares	483,585
RingCentral, Inc. Class A	Common and Preferred Stock 2,581 shares	483,550
Edwards Lifesciences Corporation	Common and Preferred Stock 3,720 shares	481,926
Fresenius Medical Care	Common and Preferred Stock 14,580 shares	473,267
Sally Beauty Holdings Inc.	Common and Preferred Stock 25,477 shares	470,305
IDEX Corporation	Common and Preferred Stock 1,983 shares	468,623
Exxon Mobil Corporation	Common and Preferred Stock 7,550 shares	461,985
Brown & Brown Inc.	Common and Preferred Stock 6,462 shares	454,149
Warner Music Group Corporation Class A	Common and Preferred Stock 10,501 shares	453,433
DoorDash Inc. Class A	Common and Preferred Stock 2,972 shares	442,531
Sarepta Therapeutics Inc.	Common and Preferred Stock 4,848 shares	436,562

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Ritchie Bros Auctioneers Inc.	Common and Preferred Stock 7,013 shares	429,266
Frontdoor Inc.	Common and Preferred Stock 11,564 shares	423,821
NOV Inc.	Common and Preferred Stock 31,186 shares	422,570
C.H. Robinson Worldwide Inc.	Common and Preferred Stock 3,885 shares	418,143
Euronet Worldwide Inc.	Common and Preferred Stock 3,483 shares	415,069
Keysight Technologies Inc.	Common and Preferred Stock 1,984 shares	409,716
Ingredion Inc.	Common and Preferred Stock 4,226 shares	408,401
BWX Technologies Inc.	Common and Preferred Stock 8,379 shares	401,187
JP Morgan Chase & Company*	Common and Preferred Stock 2,458 shares	389,224
KAR Auction Services Inc.	Common and Preferred Stock 24,539 shares	383,299
Airbnb Inc. Class A	Common and Preferred Stock 2,276 shares	378,931
Hanesbrands Inc.	Common and Preferred Stock 22,511 shares	376,384
Belden Inc.	Common and Preferred Stock 5,663 shares	372,229
Goldman Sachs Group Inc.	Common and Preferred Stock 966 shares	369,543
National Retail Properties Inc.	Common and Preferred Stock 7,662 shares	368,312
Generac Holdings Inc.	Common and Preferred Stock 1,046 shares	368,108
Zendesk Inc.	Common and Preferred Stock 3,506 shares	365,641
Middleby Corporation	Common and Preferred Stock 1,843 shares	362,629
Helen Trustoy Limited	Common and Preferred Stock 1,460 shares	356,926
First American Financial Corporation	Common and Preferred Stock 4,484 shares	350,783
Woodward Inc.	Common and Preferred Stock 3,135 shares	343,157
Cabot Corporation	Common and Preferred Stock 6,024 shares	338,549
Syneos Health Inc.	Common and Preferred Stock 3,266 shares	335,353
Textron Inc.	Common and Preferred Stock 4,337 shares	334,816
Carter Inc.	Common and Preferred Stock 3,214 shares	325,321
New Relic Inc.	Common and Preferred Stock 2,839 shares	312,176
UBS Group AG	Common and Preferred Stock 17,398 shares	310,902
Tennant Company	Common and Preferred Stock 3,813 shares	309,006
ASGN Inc.	Common and Preferred Stock 2,496 shares	308,006
MACOM Technology Solutions Holdings Inc.	Common and Preferred Stock 3,919 shares	306,858
FTI Consulting Inc.	Common and Preferred Stock 1,989 shares	305,152
Rogers Corporation	Common and Preferred Stock 1,104 shares	301,392
Copart Inc.	Common and Preferred Stock 1,940 shares	294,143
GlobalFoundries Inc.	Common and Preferred Stock 4,506 shares	292,755
Grand Canyon Education Inc.	Common and Preferred Stock 3,369 shares	288,757
Bank of America Corporation*	Common and Preferred Stock 6,456 shares	287,227
ACV Auctions Inc. Class A	Common and Preferred Stock 15,193 shares	286,236
Pfizer Inc.	Common and Preferred Stock 4,833 shares	285,389
Quidel Corporation	Common and Preferred Stock 2,109 shares	284,694
Kirby Corporation	Common and Preferred Stock 4,745 shares	281,948
Dycom Industries Inc.	Common and Preferred Stock 2,960 shares	277,530
2U Inc.	Common and Preferred Stock 13,571 shares	272,370
Prosperity Bancshares Inc.	Common and Preferred Stock 3,719 shares	268,884
Forward Air Corporation	Common and Preferred Stock 2,203 shares	266,761
8X8 Inc.	Common and Preferred Stock 15,801 shares	264,825
Graco Inc.	Common and Preferred Stock 3,282 shares	264,595
LPL Financial Holdings Inc.	Common and Preferred Stock 1,645 shares	263,348
Momentive Global Inc.	Common and Preferred Stock 12,446 shares	263,233
Trimble Inc.	Common and Preferred Stock 3,017 shares	263,052
HealthEquity Inc.	Common and Preferred Stock 5,894 shares	260,751
Royal Dutch Shell PLC	Common and Preferred Stock 5,836 shares	253,282

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Carvana Company Class A	Common and Preferred Stock 1,087 shares	251,956
SS&C Technologies Holdings Inc.	Common and Preferred Stock 3,001 shares	246,022
Alleghany Corporation	Common and Preferred Stock 368 shares	245,673
Hologic Inc.	Common and Preferred Stock 3,154 shares	241,470
AMN Healthcare Services Inc.	Common and Preferred Stock 1,969 shares	240,868
Cloudflare Inc.	Common and Preferred Stock 1,831 shares	240,777
Cardinal Health, Inc.	Common and Preferred Stock 4,675 shares	240,716
Gartner Inc.	Common and Preferred Stock 717 shares	239,707
Acadia Healthcare Company Inc.	Common and Preferred Stock 3,942 shares	239,279
BankUnited Inc.	Common and Preferred Stock 5,612 shares	237,444
Mid-American Apartment Communities Inc.	Common and Preferred Stock 1,026 shares	235,405
Bottomline Technologies Inc.	Common and Preferred Stock 4,159 shares	234,859
AerCap Holdings N.V.	Common and Preferred Stock 3,578 shares	234,073
10X Genomics Inc. Class A	Common and Preferred Stock 1,542 shares	229,696
Booking Holdings Inc.	Common and Preferred Stock 90 shares	215,931
Cenovus Energy Inc.	Common and Preferred Stock 17,544 shares	215,440
National Bank Holdings Corporation Class A	Common and Preferred Stock 4,868 shares	213,900
Cohen & Steers Inc.	Common and Preferred Stock 2,298 shares	212,588
Advanced Energy Industries Inc.	Common and Preferred Stock 2,326 shares	211,806
Chemed Corporation	Common and Preferred Stock 396 shares	209,500
Tronox Holdings PLC	Common and Preferred Stock 8,709 shares	209,277
ALLETE Inc.	Common and Preferred Stock 3,106 shares	206,083
Nasdaq Inc.	Common and Preferred Stock 981 shares	206,020
Itron Inc.	Common and Preferred Stock 2,952 shares	202,271
Signature Bank	Common and Preferred Stock 616 shares	199,258
Albany International Corporation Class A	Common and Preferred Stock 2,218 shares	196,182
Mednax Inc.	Common and Preferred Stock 7,175 shares	195,232
ABM Industrials Inc.	Common and Preferred Stock 4,680 shares	191,178
Atmos Energy Corporation	Common and Preferred Stock 1,815 shares	190,158
Sotera Health Company	Common and Preferred Stock 8,032 shares	189,154
Harsco Corporation	Common and Preferred Stock 11,142 shares	186,183
ACI Worldwide Inc.	Common and Preferred Stock 5,357 shares	185,888
Carlisle Companies Inc.	Common and Preferred Stock 745 shares	184,849
KBR, Inc.	Common and Preferred Stock 3,836 shares	182,670
Veracyte Inc.	Common and Preferred Stock 4,425 shares	182,310
Knowles Corporation	Common and Preferred Stock 7,782 shares	181,710
NCR Corporation	Common and Preferred Stock 4,507 shares	181,181
Bio-Techne Corporation	Common and Preferred Stock 345 shares	178,482
Aspen Technology Inc.	Common and Preferred Stock 1,135 shares	172,747
N-Able Technologies International Inc.	Common and Preferred Stock 15,491 shares	171,950
Markel Corporation Holding Company	Common and Preferred Stock 138 shares	170,292
Altra Industrial Motion Corporation	Common and Preferred Stock 3,296 shares	169,975
Mimecast Limited	Common and Preferred Stock 2,126 shares	169,166
Monro Inc.	Common and Preferred Stock 2,886 shares	168,167
Fiverr International Limited	Common and Preferred Stock 1,471 shares	167,253
Barnes Group Inc.	Common and Preferred Stock 3,531 shares	164,509
AptarGroup Inc.	Common and Preferred Stock 1,335 shares	163,511
CarGurus Inc. Class A	Common and Preferred Stock 4,811 shares	161,842
Wolverine World Wide Inc.	Common and Preferred Stock 5,530 shares	159,319
Canada Goose Holdings Inc.	Common and Preferred Stock 4,272 shares	158,320
Omniceil Inc.	Common and Preferred Stock 863 shares	155,720

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
WisdomTree Investments Inc.	Common and Preferred Stock 25,398 shares	155,436
WillScot Mobile Mini Holdings Corporation	Common and Preferred Stock 3,765 shares	153,763
Hexcel Corporation	Common and Preferred Stock 2,939 shares	152,240
Boston Properties Inc.	Common and Preferred Stock 1,307 shares	150,540
CareDx Inc.	Common and Preferred Stock 3,303 shares	150,220
Herbalife Nutrition Limited	Common and Preferred Stock 3,639 shares	148,944
Smartsheet Inc. Class A	Common and Preferred Stock 1,919 shares	148,627
II-Vi Inc.	Common and Preferred Stock 2,170 shares	148,276
ZipRecruiter Inc. Class A	Common and Preferred Stock 5,701 shares	142,183
Matthews International Corporation Class A	Common and Preferred Stock 3,854 shares	141,326
Huron Consulting Group Inc.	Common and Preferred Stock 2,796 shares	139,520
Under Armour Inc. Class C	Common and Preferred Stock 7,690 shares	138,728
Pacific Premier Bancorp Inc.	Common and Preferred Stock 3,410 shares	136,502
Kraton Corporation	Common and Preferred Stock 2,935 shares	135,949
Cimpress plc	Common and Preferred Stock 1,868 shares	133,767
Supernus Pharmaceuticals Inc.	Common and Preferred Stock 4,570 shares	133,261
Teledyne Technologies Inc.	Common and Preferred Stock 305 shares	133,251
Kodiak Sciences Inc.	Common and Preferred Stock 1,570 shares	133,105
Privia Health Group Inc.	Common and Preferred Stock 5,145 shares	133,101
Ciena Corporation	Common and Preferred Stock 1,713 shares	131,850
Graphic Packaging Holding Company	Common and Preferred Stock 6,761 shares	131,840
IAA Spincor Inc.	Common and Preferred Stock 2,604 shares	131,814
Prestige Consumer Healthcare Inc.	Common and Preferred Stock 2,140 shares	129,791
Knight-Swift Transportation Holdings Inc. Class A	Common and Preferred Stock 2,124 shares	129,437
Box Inc. Class A	Common and Preferred Stock 4,910 shares	128,593
Sumo Logic Inc.	Common and Preferred Stock 9,442 shares	128,034
Nu Skin Enterprises Inc. Class A	Common and Preferred Stock 2,520 shares	127,890
Bank Ozk	Common and Preferred Stock 2,741 shares	127,539
PacWest Bancorp	Common and Preferred Stock 2,819 shares	127,334
JBG SMITH Properties	Common and Preferred Stock 4,435 shares	127,329
SLR Investment Corporation	Common and Preferred Stock 6,882 shares	126,835
IPG Photonics Corporation	Common and Preferred Stock 736 shares	126,695
Diamondback Energy Inc.	Common and Preferred Stock 1,163 shares	125,430
Tenable Holdings Inc.	Common and Preferred Stock 2,260 shares	124,458
Sportradar Group	Common and Preferred Stock 7,033 shares	123,570
Encompass Health Corporation	Common and Preferred Stock 1,887 shares	123,146
Range Resources Corporation	Common and Preferred Stock 6,805 shares	121,333
Anaplan Inc.	Common and Preferred Stock 2,607 shares	119,531
BRP Group Inc. Class A	Common and Preferred Stock 3,276 shares	118,296
Mandiant Inc.	Common and Preferred Stock 6,742 shares	118,255
Nevro Corporation	Common and Preferred Stock 1,412 shares	114,471
KnowBe4 Inc. Class A	Common and Preferred Stock 4,912 shares	112,681
Texas Pacific Land Corporation	Common and Preferred Stock 90 shares	112,398
Texas Capital Bancshares Inc.	Common and Preferred Stock 1,850 shares	111,463
Berkshire Hills Bancorp Inc.	Common and Preferred Stock 3,846 shares	109,342
Arvinas Inc.	Common and Preferred Stock 1,322 shares	108,589
AZZ Inc.	Common and Preferred Stock 1,934 shares	106,931
Relay Therapeutics Inc.	Common and Preferred Stock 3,474 shares	106,687
Abiomed Inc.	Common and Preferred Stock 291 shares	104,518
Sterling Check Corporation	Common and Preferred Stock 5,003 shares	102,612
Coherus BioSciences Inc.	Common and Preferred Stock 6,418 shares	102,431

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
Agios Pharmaceuticals Inc.	Common and Preferred Stock 3,108 shares	102,160
TreeHouse Foods Inc.	Common and Preferred Stock 2,489 shares	100,879
Evercore Inc.	Common and Preferred Stock 742 shares	100,801
John Bean Technologies Corporation	Common and Preferred Stock 653 shares	100,275
Alamos Gold Inc. Class A	Common and Preferred Stock 13,039 shares	100,270
World Wrestling Entertainment	Common and Preferred Stock 2,021 shares	99,716
Vroom Inc.	Common and Preferred Stock 9,043 shares	97,574
Fox Factory Holding Corporation	Common and Preferred Stock 571 shares	97,127
Solarwinds Corporation	Common and Preferred Stock 6,655 shares	94,434
Consensus Cloud Solutions Inc.	Common and Preferred Stock 1,630 shares	94,328
Farfetch Limited Class A	Common and Preferred Stock 2,807 shares	93,838
Heron Therapeutics Inc.	Common and Preferred Stock 10,257 shares	93,646
Polaris Inc.	Common and Preferred Stock 849 shares	93,314
C4 Therapeutics Inc.	Common and Preferred Stock 2,896 shares	93,251
Shutterstock Inc.	Common and Preferred Stock 833 shares	92,363
1-800-FLOWERS.COM Inc. Class A	Common and Preferred Stock 3,906 shares	91,283
Albemarle Corporation	Common and Preferred Stock 390 shares	91,170
Axogen Inc.	Common and Preferred Stock 9,578 shares	89,746
Cooper Companies Inc.	Common and Preferred Stock 214 shares	89,653
SpringWorks Therapeutics Inc.	Common and Preferred Stock 1,431 shares	88,693
Cal/Maine Foods Inc.	Common and Preferred Stock 2,271 shares	84,004
iShares Core S&P Small-Cap ETF	Mutual Fund 711 units	81,417
United Community Bank Blairsville Georgia	Common and Preferred Stock 2,167 shares	77,882
Designer Brands Inc. Class A	Common and Preferred Stock 5,461 shares	77,601
Exact Sciences Corporation	Common and Preferred Stock 992 shares	77,207
KB Home	Common and Preferred Stock 1,723 shares	77,070
Cano Health Inc. Class A	Common and Preferred Stock 8,629 shares	76,884
Northwestern Corporation	Common and Preferred Stock 1,288 shares	73,622
Flowserve Corporation	Common and Preferred Stock 2,312 shares	70,747
Xperi Holding Corporation	Common and Preferred Stock 3,567 shares	67,452
Mercury Systems Inc.	Common and Preferred Stock 1,220 shares	67,173
WSFS Financial Corporation	Common and Preferred Stock 1,334 shares	66,860
Viking Therapeutics Inc.	Common and Preferred Stock 14,502 shares	66,709
Infinera Corporation	Common and Preferred Stock 6,887 shares	66,046
CalAmp Corporation	Common and Preferred Stock 9,231 shares	65,171
PetIQ Inc. Class A	Common and Preferred Stock 2,839 shares	64,474
Heartland Express Inc.	Common and Preferred Stock 3,678 shares	61,864
Silgan Holdings Inc.	Common and Preferred Stock 1,398 shares	59,890
Banner Corporation	Common and Preferred Stock 958 shares	58,122
iShares Russell Mid-Cap ETF	Mutual Fund 684 units	56,779
Haemonetics Corporation	Common and Preferred Stock 1,045 shares	55,427
Oceaneering International Inc.	Common and Preferred Stock 4,695 shares	53,100
STAG Industrial Inc.	Common and Preferred Stock 1,045 shares	50,118
NexTier Oilfield Solutions Inc.	Common and Preferred Stock 13,815 shares	49,043
iShares Russell 2000 ETF	Mutual Fund 196 units	43,600
Alight Inc. Class A	Common and Preferred Stock 3,663 shares	39,597
eHealth Inc.	Common and Preferred Stock 1,515 shares	38,633
J & J Snack Foods Corporation	Common and Preferred Stock 183 shares	28,907
Talis Biomedical Corporation	Common and Preferred Stock 4,505 shares	18,065
Total U.S. Equity Asset Class		163,414,122

Schedule H, line 4i – Schedule of Assets (Held at End of Year) (continued)

Identity of Issue	Description of Investment	Current Value
U.S. Equity Index Asset Class:		
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 990,833 units	72,965,905
Total U.S. Equity Index Asset Class		72,965,905
International Equity Asset Class:		
Mawer International Equity Collective Investment Trust Class B*	Collective Trust Fund 734,108 units	13,229,501
Polaris Capital Management Collective Investment Trust International Value Collective Fund*	Collective Trust Fund 1,035,731 units	12,257,148
Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C*	Collective Trust Fund 770,064 units	10,665,382
Wilmington Trust Collective Investment Trust / Jennison International Equity Opportunities CIT Class J*	Collective Trust Fund 669,574 units	8,182,199
Dodge & Cox International Fund	Mutual Fund 153,484 units	7,258,258
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending*	Collective Trust Fund 26,502 units	5,801,803
Interest Bearing Cash	Cash and Cash Equivalents 811 units	811
Total International Equity Asset Class		57,395,102
International Index Asset Class:		
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending (Tier J)*	Collective Trust Fund 212,109 units	42,400,635
BlackRock FTSE RAFI Emerging Index Non Lendable Fund F*	Collective Trust Fund 1,675 units	7,742
Total International Index Asset Class		42,408,377
Participant Self-Directed Accounts	Various Investments	11,245,694
		11,245,694
Notes Receivable from Participants*	Interest Rate 4.25% - 9.25%	14,995,778
		14,995,778
Other		
Vanguard Federal Money Market	Cash and Cash Equivalents 40,688 units	40,688
NT Collective Short Term Investment Fund*	Collective Trust Fund 1,342 units	1,342
Total Other		42,030
Grand Total		\$ 684,934,403

* Indicates party-in-interest