

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 2023 This Form is Open to Public Inspection
--	---	---

Part I	Annual Report Identification Information
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☒ a single-employer plan ☐ a DFE (specify) _____ ☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C	If the plan is a collectively-bargained plan, check here. ▶ ☐
D	Check box if filing under: ☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)
E	If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. ▶ ☐

Part II	Basic Plan Information—enter all requested information
1a	Name of plan AMGEN RETIREMENT AND SAVINGS PLAN
1b	Three-digit plan number (PN) ▶ 001
1c	Effective date of plan 04/01/1985
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) AMGEN INC. ONE AMGEN CENTER DRIVE MS 21-2-A THOUSAND OAKS, CA 91320-0000
2b	Employer Identification Number (EIN) 95-3540776
2c	Plan Sponsor's telephone number 805-447-1000
2d	Business code (see instructions) 325410

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.	10/08/2024	LINDSAY MEYER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 20260
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6a(1) 12714 6a(2) 12355 6b 610 6c 7112 6d 20077 6e 65 6f 20142 6g(1) 20207 6g(2) 20055 6h 499
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 2J 2K 2R 2S 2T 3H 2O

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
- (4)** ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5)** ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☒ **A** (Insurance Information) – Number Attached 6
- (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 2023 Form M-1 annual report. If the plan was not required to file the 2023 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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

1 Coverage Information:

(a) Name of insurance carrier METROPOLITAN LIFE INSURANCE COMPANY					
(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-5581829	65978	GAC 32741	0	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

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

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

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

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

b	Balance at the end of the previous year	7b	131089418
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits	7c(2)	
	(3) Interest credited during the year	7c(3)	1125413
	(4) Transferred from separate account.....	7c(4)	
	(5) Other (specify below)	7c(5)	
	(6) Total additions	7c(6)	1125413
d	Total of balance and additions (add lines 7b and 7c(6))	7d	132214831
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	132214831
	(2) Administration charge made by carrier	7e(2)	
	(3) Transferred to separate account.....	7e(3)	
	(4) Other (specify below)	7e(4)	
	(5) Total deductions	7e(5)	132214831
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	0

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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

1 Coverage Information:

(a) Name of insurance carrier
THE PRUDENTIAL INSURANCE COMPANY OF AMERICA

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
22-1211670	68241	063654	0	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

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

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

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

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

b Balance at the end of the previous year	7b	130989635
c Additions: (1) Contributions deposited during the year	7c(1)	
(2) Dividends and credits	7c(2)	
(3) Interest credited during the year	7c(3)	3174648
(4) Transferred from separate account.....	7c(4)	
(5) Other (specify below)	7c(5)	
(6) Total additions	7c(6)	3174648
d Total of balance and additions (add lines 7b and 7c(6))	7d	134164283
e Deductions:		
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
(2) Administration charge made by carrier	7e(2)	
(3) Transferred to separate account.....	7e(3)	
(4) Other (specify below)	7e(4)	5963000
(5) Total deductions	7e(5)	5963000
f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	128201283

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
---	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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

1 Coverage Information:

(a) Name of insurance carrier
TRANSAMERICA LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
39-0989781	86231	MDA00915TR	0	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

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

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

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

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

b	Balance at the end of the previous year	7b	130271970
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits	7c(2)	
	(3) Interest credited during the year	7c(3)	3280966
	(4) Transferred from separate account.....	7c(4)	
	(5) Other (specify below)	7c(5)	
	(6) Total additions	7c(6)	3280966
d	Total of balance and additions (add lines 7b and 7c(6))	7d	133552936
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	5953000
	(2) Administration charge made by carrier	7e(2)	
	(3) Transferred to separate account.....	7e(3)	
	(4) Other (specify below)	7e(4)	
	(5) Total deductions	7e(5)	5953000
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	127599936

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
---	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023	
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776

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

1 Coverage Information:

(a) Name of insurance carrier
AMERICAN GENERAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
25-0598210	60488	1648874	0	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

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

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

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

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

b Balance at the end of the previous year	7b	129734210
c Additions: (1) Contributions deposited during the year	7c(1)	
(2) Dividends and credits	7c(2)	
(3) Interest credited during the year	7c(3)	3280105
(4) Transferred from separate account.....	7c(4)	
(5) Other (specify below)	7c(5)	
(6) Total additions	7c(6)	3280105
d Total of balance and additions (add lines 7b and 7c(6))	7d	133014315
e Deductions:		
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	
(2) Administration charge made by carrier	7e(2)	
(3) Transferred to separate account.....	7e(3)	
(4) Other (specify below)	7e(4)	5946000
▶ BOOK VALUE ADJUSTMENTS		
(5) Total deductions	7e(5)	5946000
f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	127068315

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
---	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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

1 Coverage Information:

(a) Name of insurance carrier
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
04-1590850	65935	30115	0	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b Premiums paid to carrier **6b**

c Premiums due but unpaid at the end of the year..... **6c**

d If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount. **6d**
Specify nature of costs ▶

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

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

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

b	Balance at the end of the previous year	7b	129846862
c	Additions: (1) Contributions deposited during the year	7c(1)	
	(2) Dividends and credits	7c(2)	
	(3) Interest credited during the year	7c(3)	3144970
	(4) Transferred from separate account.....	7c(4)	
	(5) Other (specify below)	7c(5)	
	(6) Total additions	7c(6)	3144970
d	Total of balance and additions (add lines 7b and 7c(6))	7d	132991832
e	Deductions:		
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	5916000
	(2) Administration charge made by carrier	7e(2)	
	(3) Transferred to separate account.....	7e(3)	
	(4) Other (specify below)	7e(4)	
	(5) Total deductions	7e(5)	5916000
f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	127075832

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2023 This Form is Open to Public Inspection
--	--	--

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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

1 Coverage Information:

(a) Name of insurance carrier
METROPOLITAN TOWER LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-3114906	97136	GAC 38195	0	01/01/2023	12/31/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

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

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

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

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

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

b Balance at the end of the previous year	7b		0
c Additions: (1) Contributions deposited during the year	7c(1)	132214831	
(2) Dividends and credits	7c(2)		
(3) Interest credited during the year	7c(3)	2015253	
(4) Transferred from separate account.....	7c(4)		
(5) Other (specify below)	7c(5)		
▶			
(6) Total additions	7c(6)		134230084
d Total of balance and additions (add lines 7b and 7c(6))	7d		134230084
e Deductions:			
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	5972000	
(2) Administration charge made by carrier	7e(2)		
(3) Transferred to separate account.....	7e(3)		
(4) Other (specify below)	7e(4)		
▶			
(5) Total deductions	7e(5)		5972000
f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f		128258084

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

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

10 Nonexperience-rated contracts:

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

Specify nature of costs.

Part IV Provision of Information

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

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

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2023
		This Form is Open to Public Inspection.

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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
VANGUARD FIDUCIARY TRUST COMPANY
23-1945930

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

(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
ARTISAN PARTNERS LTD. PARTNERSHIP
39-1870718

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

SEI TRUST COMPANY

06-1271230

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

ALTRINSIC GLOBAL ADVISORS, LLC

30-0016268

(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)

MERRILL LYNCH PIERCE 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 21 25 37 38 50 51 64	NONE	4502483	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(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	1568813	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(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	1075122	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)

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	903582	Yes ☐ No ☒	Yes ☐ No ☐		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	752986	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	709497	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)

ARISTOTLE CAPITAL BOSTON

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	694871	Yes ☒ No ☐	Yes ☒ No ☐	0	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	NONE	618487	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	115251	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 2023 This Form is Open to Public Inspection.
---	--	--

For calendar plan year 2023 or fiscal plan year beginning **01/01/2023** and ending **12/31/2023**

A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN)	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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: COLTV AGG BOND INDEX FD-NON-LEND				
b Name of sponsor of entity listed in (a): NORTHERN TRUST INVESTMENTS, INC.				
c EIN-PN 27-6124985-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1130766444		
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 INVESTMENTS, INC.				
c EIN-PN 45-6138589-117	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 411264660		
a Name of MTIA, CCT, PSA, or 103-12 IE: COLTV SHORT TERM INVESTMENT FUND				
b Name of sponsor of entity listed in (a): NORTHERN TRUST INVESTMENTS, INC.				
c EIN-PN 45-6138589-084	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 49540488		
a Name of MTIA, CCT, PSA, or 103-12 IE: FTSE RAFI EMERGING INDEX NL FUND F				
b Name of sponsor of entity listed in (a): BLACKROCK INSTITUTIONAL TRUST CO.				
c EIN-PN 46-2767068-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 117939		
a Name of MTIA, CCT, PSA, or 103-12 IE: GALLIARD SHORT CORE FUND F				
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY				
c EIN-PN 52-2252204-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 249475985		
a Name of MTIA, CCT, PSA, or 103-12 IE: GALLIARD INTERMEDIATE CORE FUND L				
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY				
c EIN-PN 27-6635237-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 346185569		
a Name of MTIA, CCT, PSA, or 103-12 IE: SHORT-TERM INVESTMENT FUND II				
b Name of sponsor of entity listed in (a): SEI TRUST COMPANY				
c EIN-PN 92-2544088-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 33731066		

a Name of MTIA, CCT, PSA, or 103-12 IE: RUSSELL 1000 VALUE INDEX FUND		
b Name of sponsor of entity listed in (a): NORTHERN TRUST INVESTMENTS, INC.		
c EIN-PN 45-6138589-098	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 164894801
a Name of MTIA, CCT, PSA, or 103-12 IE: METLIFE CORE PLUS COLLECTIVE TRUST		
b Name of sponsor of entity listed in (a): METLIFE INVESTMENT MANAGEMENT		
c EIN-PN 47-2237461-002	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 69947965
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) 25357406
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) 70758978
a Name of MTIA, CCT, PSA, or 103-12 IE: GQG PARTNERS INTERNATIONAL EQUITY C		
b Name of sponsor of entity listed in (a): RELIANCE TRUST COMPANY		
c EIN-PN 82-6253445-011	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 150572399
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 INVESTMENTS, INC.		
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) 45265945
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 INVESTMENTS, INC.		
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) 1583439952
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) 176043214
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) 182371950
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 38-4139857-635	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 99075989

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) 0
--------------------------------	------------------------	---

a Name of MTIA, CCT, PSA, or 103-12 IE: SHORT-TERM INVESTMENT FUND A S

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

c EIN-PN 41-6292499-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
--------------------------------	------------------------	---

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II **Information on Participating Plans (to be completed by DFEs, other than DCGs)**

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

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
		2023
		This Form is Open to Public Inspection

For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.	D Employer Identification Number (EIN) 95-3540776	

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)	4090891	4776528
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	1864522	5271619
(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)	3011	3009
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)	1087723887	763525683
(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)	30051655	30814923
(9) Value of interest in common/collective trusts	1c(9)	3660471778	4788810750
(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)	86858925	105092597
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	119248796	0
(15) Other	1c(15)	643477427	805819697

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	371583932	397307694
(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	6005374824	6901422500
Liabilities			
g Benefit claims payable	1g	1385506	2426100
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	7264329	5497298
k Total liabilities (add all amounts in lines 1g through 1j)	1k	8649835	7923398
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	5996724989	6893499102

Part II Income and Expense Statement

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

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	210497095	
(B) Participants	2a(1)(B)	192800615	
(C) Others (including rollovers)	2a(1)(C)	27199838	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B), (C), and line 2a(2)	2a(3)		430497548
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	183795	
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)	117	
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	1707330	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1891242
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	21768980	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	2337096	
(D) Total dividends. Add lines 2b(2)(A) , (B), and (C)	2b(2)(D)		24106076
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	1044353218	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	941538795	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		102814423
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	148624836	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts.....	2b(6)		460863217
(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)		116158673
c Other income	2c		152610114
d Total income. Add all income amounts in column (b) and enter total	2d		1437566129

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	530601828	
(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)		530601828
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		4923
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees.....	2i(2)		
(3) Recordkeeping fees.....	2i(3)	851179	
(4) IQPA audit fees.....	2i(4)		
(5) Investment advisory and investment management fees	2i(5)	8715599	
(6) Bank or trust company trustee/custodial fees	2i(6)	618487	
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		10185265
j Total expenses. Add all expense amounts in column (b) and enter total	2j		540792016

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		896774113
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: **34-6565596**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
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.)		☒	
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.)		☒	
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.)		☒	
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.)		☒	
e Was this plan covered by a fidelity bond?	☒		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?		☒	
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?		☒	
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?		☒	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	☒		
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.)		☒	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?		☒	
l Has the plan failed to provide any benefit when due under the plan?		☒	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		☒	
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.			

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 2023 This Form is Open to Public Inspection.
For calendar plan year 2023 or fiscal plan year beginning 01/01/2023 and ending 12/31/2023		
A Name of plan AMGEN RETIREMENT AND SAVINGS PLAN		B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 AMGEN INC.		D Employer Identification Number (EIN) 95-3540776
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): 45-6138589		
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) 2023 v. 230707		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for: a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment) 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) 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)	14a 14b 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 b The corresponding number for the second preceding plan year	15a 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 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	16a 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) and (b): a Enter the percentage of plan assets held as: Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____% High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____% b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets: ☐ 0-5 years ☐ 5-10 years ☐ 10-15 years ☐ 15 years or more	
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. _____	

Part VII	IRS Compliance Questions
-----------------	---------------------------------

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? ☐ Yes ☒ No 21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2). ☒ Design-based safe harbor method ☐ "Prior year" ADP test ☐ "Current year" ADP test ☐ N/A 22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter ____/____/____ (MM/DD/YYYY) and the Opinion Letter serial number _____.	
--	--

FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULE

Amgen Retirement and Savings Plan
Year Ended December 31, 2023
With Report of Independent Auditors

Amgen Retirement and Savings Plan

Audited Financial Statements
and Supplemental Schedule

Year Ended December 31, 2023

Contents

Report of Independent Auditors.....	1
-------------------------------------	---

Audited Financial Statements:

Statements of Net Assets Available for Benefits at December 31, 2023 and 2022.....	4
Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2023	5
Notes to Financial Statements	6

Supplemental Schedule:

Schedule of Assets (Held at End of Year).....	13
---	----



Ernst & Young LLP
Suite 500
725 S Figueroa Street
Los Angeles, Ca 90017

Tel: +1 213 977 3200
Fax: +1 213 977 3729
ey.com

Report of Independent Auditors

To the Plan Participants and the Plan Administrator of Amgen Retirement and Savings Plan

Opinion

We have audited the financial statements of Amgen Retirement and Savings Plan (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, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended December 31, 2023, 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, 2023 and 2022, and the changes in its net assets available for benefits for the year ended December 31, 2023, 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 Schedule 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,

2023, (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 are presented in conformity with the Department of Labor’s Rules and Regulations for Reporting and Disclosure under ERISA.

Ernst & Young LLP

June 20, 2024

Amgen Retirement and Savings Plan
Statements of Net Assets Available for Benefits

	December 31,	
	2023	2022
Assets		
Investments at fair value	\$ 6,270,169,496	\$ 5,377,700,230
Investments in fully benefit-responsive investment contracts at contract value	638,250,657	652,003,057
Notes receivable from participants	31,248,315	30,480,124
Other – principally due from broker	4,776,528	4,090,891
Total assets	6,944,444,996	6,064,274,302
Liabilities		
Other – principally due to broker	5,497,298	7,264,329
Total liabilities	5,497,298	7,264,329
Net assets available for benefits	\$ 6,938,947,698	\$ 6,057,009,973

See accompanying notes.

Amgen Retirement and Savings Plan
Statement of Changes in Net Assets Available for Benefits

	Year Ended December 31, 2023
Additions to (deductions from) net assets:	
Employer contributions	\$ 210,497,095
Participant contributions	192,800,615
Rollover contributions	27,199,838
Interest and dividend income	48,017,627
Net realized/unrealized gains	941,461,719
Interest income on notes receivable from participants	1,707,330
Benefits paid	(529,561,234)
Investment and administrative fees	(10,185,265)
Net increase	881,937,725
Net assets available for benefits at beginning of year	6,057,009,973
Net assets available for benefits at end of year	<u>\$ 6,938,947,698</u>

See accompanying notes.

Amgen Retirement and Savings Plan
Notes to Financial Statements
December 31, 2023

1. Description of the Plan

The following description of the Amgen Retirement and Savings Plan (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 April 1, 1985, and was amended and restated effective January 1, 2017, and subsequently amended, with the most recent amendment adopted on December 18, 2023. The Plan is a defined contribution plan covering substantially all domestic employees of Amgen Inc. (the Company or Amgen) and participating subsidiaries. The Plan is intended to qualify under sections 401(a) and 401(k) of the Internal Revenue Code of 1986 (the 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, Roth contributions (in accordance with the Code), after-tax contributions or a combination of these types of contributions (together, Individual Contributions). A participant's combined pre-tax contributions and Roth contributions (exclusive of catch-up contributions discussed below) are subject to Internal Revenue Service (IRS) and Plan limits and could not exceed a maximum of \$22,500 in 2023. Participant after-tax contributions are subject to IRS and Plan limitations and could not exceed a maximum of \$10,500 in 2023. 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 Individual Contributions, referred to as catch-up contributions, that are subject to IRS and Plan limitations and could not exceed \$7,500 in 2023. Catch-up contributions may be made as pre-tax contributions, Roth contributions or a combination of these types of contributions. Participants may also contribute pre-tax, Roth and after-tax amounts representing distributions from certain retirement plans qualified in the United States or certain individual retirement accounts (IRAs), 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 5% of each participant's eligible compensation (Core Contributions) up to a maximum of \$16,500 in 2023. In addition, the Company makes a contribution equal to amounts contributed by the participant as pre-tax contributions or Roth contributions, including such contributions designated as catch-up contributions, of up to 5% of eligible compensation (Matching Contributions) up to a maximum of \$16,500 in 2023.

Also, the Company can, at its discretion, make a special contribution (Special Contribution) on behalf of a participant who is in his or her initial year of employment with the Company and who could not make the maximum participant contribution permitted under the Plan because in the same Plan year he or she previously made pre-tax salary deferrals under a prior unrelated employer's qualified plan.

Participants select the investments in which their Individual Contributions, including their Core Contributions, Matching Contributions and Special Contributions, if any, (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.

Amgen Retirement and Savings Plan

Notes to Financial Statements (continued)

Vesting

Participants are immediately vested with respect to their Individual Contributions, Matching Contributions and Special Contributions, if any, 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 Amgen, 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 invest in various types of assets, including publicly traded common and preferred stocks, collective trust funds and investment contracts. 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, participants may elect to receive a full or partial distribution of their 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; (d) cash installments over 10 years; or (e) 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.

No withdrawals may be made from the Plan while a participant continues to be employed by the Company except in certain circumstances including, but not limited to, financial hardship, disability and attainment of age 59 1/2.

Amgen Stock Dividends

Participants that invest in Amgen stock may elect to receive distributions of cash with respect to dividends the Company pays on Amgen stock or reinvest such dividends to acquire additional shares of Amgen stock.

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 (exclusive of amounts related to Roth contributions and earnings thereon) 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 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 of up to five years, unless the loan is used to acquire a principal

Amgen Retirement and Savings Plan

Notes to Financial Statements (continued)

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 become fully vested in Core Contributions and receive distributions of their account balances.

Trustees and Custodians

Bank of America, N.A. is the Plan's trustee and custodian with respect to the self-directed brokerage arrangement and the Amgen common stock fund. The Northern Trust Company, NA (Northern) is the Plan's trustee and 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, except for fully benefit-responsive investment contracts, discussed below. 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.

Fully Benefit-Responsive Investment Contracts

As of December 31, 2023 and 2022, the Plan had fully benefit-responsive investment contracts, including synthetic investment contracts and an insurance separate accounts contract (collectively, security-backed contracts). The synthetic investment contracts are comprised of wrapper contracts issued by insurance companies backed by the Plan's ownership in collective trust funds that invest in fixed income securities. The insurance separate accounts contract was a contract issued by an insurance company backed by specified separate accounts of the issuer which are comprised of fixed income securities. Contract value is the relevant measurement attribute for security-backed contracts because this is the amount participants would receive if they were to initiate qualified transactions related to these investments. The issuers of the Plan's security-backed contracts credit the Plan with stated rates of interest, and the issuers guarantee that all qualified participant withdrawals related to the contracts will be at contract value, except as discussed below. The crediting rates provide for realized and unrealized gains and losses on the underlying assets to be amortized over the expected duration of the underlying investments through adjustments to the future interest crediting rates rather than being reflected immediately in the net assets of the Plan. The contract values of the Plan's security-backed contracts were as follows:

	December 31,	
	2023	2022
Synthetic investment contracts	\$ 638,250,657	\$ 520,899,132
Insurance separate accounts contract	—	131,103,925
Total fully benefit-responsive investment contracts	<u>\$ 638,250,657</u>	<u>\$ 652,003,057</u>

Amgen Retirement and Savings Plan

Notes to Financial Statements (continued)

The security-backed contracts provide for withdrawals at other than contract value associated with certain events which are not in the ordinary course of Plan operations. These withdrawals are made at contract value, modified by a market value adjustment as defined in the contract. Circumstances which may trigger a market value adjustment are generally defined as any event that, in the reasonable determination of the issuer, has or will have a material adverse effect on the issuer's interest under the contract. Such events may include, but are not limited to: (a) material amendments to the Plan's structure or administration; (b) changes in or the creation of competing investment options; (c) complete or partial termination of the Plan; (d) removal of a specifically identifiable group of employees from coverage under the Plan; (e) a change in law, regulation, ruling, administrative position, or accounting standard applicable to the Plan; or (f) communication to Plan participants designed to influence a participant not to invest in the asset class that contains these contracts. The Company does not believe that the occurrence of any such event, which would limit the Plan's ability to transact at contract value with participants, is probable.

These security-backed contracts are evergreen contracts with no maturity dates, but do contain termination provisions. The issuer is obligated to pay the excess contract value when the fair value of the underlying investments equals zero. In addition, if the Plan defaults in its obligations under the security-backed contract and such default is not corrected within the time permitted by the contract, then the contract may be terminated by the issuer and the Plan will receive the fair value of the underlying investments as of the date of termination.

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.

Amgen Retirement and Savings Plan

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, 2023, 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	\$ 397,307,694	\$ —	\$ —	\$ 397,307,694
Cash and cash equivalents	5,271,619	—	—	5,271,619
Collective trust funds	—	4,193,149,196	—	4,193,149,196
Common and preferred stocks	763,525,683	—	—	763,525,683
Debt securities	—	3,008	—	3,008
Mutual funds	105,092,597	—	—	105,092,597
Self-directed brokerage accounts	801,100,962	4,718,737	—	805,819,699
Total investments at fair value	<u>\$ 2,072,298,555</u>	<u>\$4,197,870,941</u>	<u>\$ —</u>	<u>\$6,270,169,496</u>

Amgen Retirement and Savings Plan

Notes to Financial Statements (continued)

Fair value measurements at December 31, 2022, 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	\$ 371,583,932	\$ —	\$ —	\$ 371,583,932
Cash and cash equivalents	1,864,522	—	—	1,864,522
Collective trust funds	—	3,186,188,526	—	3,186,188,526
Common and preferred stocks	1,087,736,640	—	—	1,087,736,640
Debt securities	—	3,011	—	3,011
Mutual funds	86,858,925	—	—	86,858,925
Self-directed brokerage accounts	641,127,619	2,337,055	—	643,464,674
Total investments at fair value	<u>\$2,189,171,638</u>	<u>\$3,188,528,592</u>	<u>\$ —</u>	<u>\$5,377,700,230</u>

The fair values of substantially all common stocks (including Amgen stock), preferred stocks, publicly traded 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 a determination letter from the IRS dated February 22, 2018, stating that, conditioned on the adoption of proposed Plan amendments submitted to the IRS on February 15, 2018, the Plan is qualified, in form, under Section 401(a) of the Code and, therefore, the related trust is exempt from taxation. There have been seven subsequent amendments to the Plan, including amendments to satisfy the conditions in the determination letter. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The Company believes the Plan is currently being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan 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 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 trustees 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. In addition, Northern enters into security-backed contracts with certain insurance companies on behalf of the Plan.

Amgen Retirement and Savings Plan

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,	
	2023	2022
Net assets available for benefits per the financial statements	\$ 6,938,947,698	\$ 6,057,009,973
Adjustment to fair value for fully benefit-responsive investment contracts	(42,589,104)	(58,471,009)
Amounts allocated to withdrawing participants	(2,426,100)	(1,385,506)
Deemed loans	(433,392)	(428,469)
Net assets per the Form 5500	<u>\$ 6,893,499,102</u>	<u>\$ 5,996,724,989</u>

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

	Year Ended December 31, 2023
Interest and dividend income	\$ 48,017,627
Net realized/unrealized gains	941,461,719
Net investment gain per the financial statements	989,479,346
Adjustment from fair value to contract value for fully benefit-responsive investment contracts:	
Prior-year adjustment	58,471,009
Current-year adjustment	(42,589,104)
Total net investment gain per the Form 5500	<u>\$ 1,005,361,251</u>

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

	Year Ended December 31, 2023
Benefits paid	\$ (529,561,234)
Investment and administrative fees	(10,185,265)
Total expenses per the financial statements	(539,746,499)
Amounts allocated to withdrawing participants at December 31, 2022	1,385,506
Amounts allocated to withdrawing participants at December 31, 2023	(2,426,100)
Deemed loans at December 31, 2022	428,469
Deemed loans at December 31, 2023	(433,392)
Total expenses per the Form 5500	<u>\$ (540,792,016)</u>

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan: #001
As of December 31, 2023

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

Identity of Issue	Description of Investment	Current Value
Amgen stock*	Employer Securities 1,414,803 shares	\$ 397,307,694
		\$ 397,307,694
Capital Preservation Asset Class:		
Galliard Intermediate Core Fund L*	Collective Trust Fund 24,801,236 units	346,185,569
Galliard Short Core Fund F*	Collective Trust Fund 15,803,322 units	249,475,985
Short-Term Investment Fund II*	Collective Trust Fund 33,731,066 units	33,731,066
NT Collective Short Term Investment Fund*	Collective Trust Fund 37,350,196 units	37,350,196
Wrapper Contracts		—
Total Capital Preservation Asset Class		666,742,816
Fixed Income Active Asset Class:		
Wellington Core Bond Plus Portfolio Collective Investment Trust II*	Collective Trust Fund 6,228,783 units	70,758,978
Metlife Core Plus Collective Fund*	Collective Trust Fund 7,094,114 units	69,947,965
Schroder Global Strategic Bond Trust Class W*	Collective Trust Fund 2,401,270 units	25,357,406
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 121,379 units	18,004,123
NT Collective Short Term Investment Fund*	Collective Trust Fund 207,327 units	207,327
Banc America Alternative Loan Trust Series 2004-6 Class 4A 15.0% Due 10-25-2048*	Corporate Bond 2,329 units	1,909
GMAC Mortgage Loan Trust 2003/J10 4.75% Due 01/25/2019	Corporate Bond 1,132 units	1,099
Total Fixed Income Active Asset Class		184,278,807
Fixed Income Index Asset Class:		
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 7,501,937 units	1,112,762,320
NT Collective Short Term Investment Fund*	Collective Trust Fund 48 units	48
Total Fixed Income Index Asset Class		1,112,762,368
U.S. Equity Active Asset Class:		
NT Collective Russell 1000 Value Index Fund / Non Lending*	Collective Trust Fund 295,676 units	164,894,801
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 557,228 units	41,792,646
Amazon.com, Inc.	Common and Preferred Stock 141,662 shares	21,524,124
Microsoft Corporation	Common and Preferred Stock 57,054 shares	21,454,586
Visa Inc. Class A	Common and Preferred Stock 57,061 shares	14,855,831
ServiceNow, Inc.	Common and Preferred Stock 20,519 shares	14,496,468
NT Collective Short Term Investment Fund*	Collective Trust Fund 11,544,235 units	11,544,235
Nvidia Corporation	Common and Preferred Stock 23,030 shares	11,404,917
Netflix, Inc.	Common and Preferred Stock 20,414 shares	9,939,168
DEX Inc.	Common and Preferred Stock 70,124 shares	8,701,687
UnitedHealth Group Inc.	Common and Preferred Stock 15,909 shares	8,375,611

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

Identity of Issue	Description of Investment	Current Value
Entegris Inc.	Common and Preferred Stock 67,446 shares	8,081,380
Danaher Corporation	Common and Preferred Stock 33,744 shares	7,806,337
S&P Global Inc	Common and Preferred Stock 17,592 shares	7,749,628
SS&C Technologies Holdings Inc.	Common and Preferred Stock 122,935 shares	7,512,558
Citigroup Inc.	Common and Preferred Stock 139,387 shares	7,170,067
Dow Inc.	Common and Preferred Stock 128,454 shares	7,044,417
Canadian Pacific Kansas City Limited	Common and Preferred Stock 86,226 shares	6,817,028
Intuit	Common and Preferred Stock 10,508 shares	6,567,815
Ecolab Inc.	Common and Preferred Stock 33,054 shares	6,556,261
Wells Fargo & Company*	Common and Preferred Stock 129,745 shares	6,386,049
Facebook, Inc.	Common and Preferred Stock 17,871 shares	6,325,619
Equinix Inc.	Common and Preferred Stock 7,744 shares	6,236,940
Workday Inc. Class A	Common and Preferred Stock 22,470 shares	6,203,068
Autodesk Inc.	Common and Preferred Stock 25,447 shares	6,195,836
MSCI Inc.	Common and Preferred Stock 10,917 shares	6,175,201
Yum! Brands Inc.	Common and Preferred Stock 46,911 shares	6,129,391
Baxter International Inc.	Common and Preferred Stock 156,616 shares	6,054,775
Thermo Fisher Corporation	Common and Preferred Stock 11,241 shares	5,966,610
Snowflake Inc. Class A	Common and Preferred Stock 29,950 shares	5,960,050
Capital One Financial Corporation	Common and Preferred Stock 44,807 shares	5,875,094
Aon PLC	Common and Preferred Stock 19,583 shares	5,699,045
Alphabet Inc. Class C	Common and Preferred Stock 40,395 shares	5,692,867
Novo Nordisk A/S	Common and Preferred Stock 54,112 shares	5,597,886
STERIS plc	Common and Preferred Stock 25,030 shares	5,502,846
salesforce.com, inc.	Common and Preferred Stock 20,626 shares	5,427,526
Block, Inc.	Common and Preferred Stock 69,975 shares	5,412,566
MetLife Inc.*	Common and Preferred Stock 81,025 shares	5,358,183
Lear Corporation	Common and Preferred Stock 37,278 shares	5,264,026
Euronet Worldwide Inc.	Common and Preferred Stock 51,253 shares	5,201,667
Atlassian Corporation	Common and Preferred Stock 21,614 shares	5,141,106
Cognizant Technology Solutions Corporation Class A	Common and Preferred Stock 66,375 shares	5,013,304
American Express Company	Common and Preferred Stock 26,741 shares	5,009,659
Clean Harbors Inc.	Common and Preferred Stock 28,541 shares	4,980,690
Starbucks Corporation	Common and Preferred Stock 51,733 shares	4,966,885
Magna International Inc.	Common and Preferred Stock 83,740 shares	4,947,359
Datadog Inc.	Common and Preferred Stock 40,369 shares	4,899,989
The Sherwin-Williams Company	Common and Preferred Stock 15,707 shares	4,899,013
Iqvia Holdings Inc.	Common and Preferred Stock 21,066 shares	4,874,251
RB Global Inc.	Common and Preferred Stock 72,470 shares	4,847,518
Ball Corporation	Common and Preferred Stock 83,220 shares	4,786,814
Equitable Holdings Inc.	Common and Preferred Stock 141,584 shares	4,714,747
Synopsys Inc.	Common and Preferred Stock 9,084 shares	4,677,442
Alight Inc. Class A	Common and Preferred Stock 526,792 shares	4,493,536
Fresenius Medical Care	Common and Preferred Stock 215,055 shares	4,479,596
FleetCor Technologies, Inc.	Common and Preferred Stock 15,726 shares	4,444,325

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

Identity of Issue	Description of Investment	Current Value
Bank of America Corporation*	Common and Preferred Stock 130,152 shares	4,382,218
Waste Connections Inc.	Common and Preferred Stock 29,286 shares	4,371,521
Shopify Inc	Common and Preferred Stock 55,641 shares	4,334,434
J2 Global Inc.	Common and Preferred Stock 63,994 shares	4,299,757
Sensata Technologies BV Holding	Common and Preferred Stock 114,144 shares	4,288,390
Edison International	Common and Preferred Stock 59,934 shares	4,284,682
Merit Medical Systems Inc.	Common and Preferred Stock 56,240 shares	4,271,990
Lam Resh Corporation	Common and Preferred Stock 5,263 shares	4,122,297
CarGurus Inc. Class A	Common and Preferred Stock 165,637 shares	4,001,790
Voya Financial Inc.	Common and Preferred Stock 54,575 shares	3,981,792
Charles River Laboratories International Inc.	Common and Preferred Stock 16,768 shares	3,963,955
Ametek Inc.	Common and Preferred Stock 23,531 shares	3,880,027
Global Payments Inc.	Common and Preferred Stock 30,407 shares	3,861,689
PVH Corporation	Common and Preferred Stock 31,615 shares	3,860,824
Trimble Inc.	Common and Preferred Stock 71,756 shares	3,817,419
JP Morgan Chase & Company	Common and Preferred Stock 22,326 shares	3,797,653
Uber Technologies Inc.	Common and Preferred Stock 61,547 shares	3,789,449
Wabtec Corporation	Common and Preferred Stock 29,783 shares	3,779,463
QuidelOrtho Corporation	Common and Preferred Stock 50,575 shares	3,727,378
Halozyme Therapeutics Inc.	Common and Preferred Stock 100,321 shares	3,707,864
Bio-Techne Corporation	Common and Preferred Stock 47,938 shares	3,698,896
Newell Brands Inc.	Common and Preferred Stock 421,575 shares	3,659,271
Amphenol Corporation Class A	Common and Preferred Stock 36,806 shares	3,648,579
Charter Communications Inc.	Common and Preferred Stock 9,293 shares	3,612,003
Medtronic PLC	Common and Preferred Stock 43,476 shares	3,581,553
Henry Schein Inc.	Common and Preferred Stock 47,286 shares	3,580,023
Bristol Myers Squibb	Common and Preferred Stock 69,308 shares	3,556,193
BWX Technologies Inc.	Common and Preferred Stock 45,754 shares	3,510,704
Shell plc	Common and Preferred Stock 53,030 shares	3,489,374
Matson Inc.	Common and Preferred Stock 30,375 shares	3,329,100
Nu Holdings Limited	Common and Preferred Stock 371,931 shares	3,098,185
Churchill Downs Inc.	Common and Preferred Stock 22,894 shares	3,089,087
Floor & Decor Holdings Inc.	Common and Preferred Stock 26,924 shares	3,003,641
LKQ Corporation	Common and Preferred Stock 61,772 shares	2,952,084
Goldman Sachs Group Inc.	Common and Preferred Stock 7,580 shares	2,924,137
Tyson Foods Inc.	Common and Preferred Stock 54,223 shares	2,914,486
Walt Disney Company	Common and Preferred Stock 32,145 shares	2,902,372
Gildan Activewear Inc.	Common and Preferred Stock 87,141 shares	2,880,881
Ingredion Inc.	Common and Preferred Stock 26,415 shares	2,866,820
TE Connectivity Limited	Common and Preferred Stock 20,254 shares	2,845,687
Amdocs Limited	Common and Preferred Stock 32,188 shares	2,829,003
Okta Inc. Class A	Common and Preferred Stock 31,236 shares	2,827,795
Edwards Lifesciences Corporation	Common and Preferred Stock 36,745 shares	2,801,806
ACV Auctions Inc. Class A	Common and Preferred Stock 184,748 shares	2,798,932
DoorDash Inc. Class A	Common and Preferred Stock 28,198 shares	2,788,500
Heico Corporation Class A	Common and Preferred Stock 19,297 shares	2,748,665
CoStar Group Inc.	Common and Preferred Stock 31,411 shares	2,745,007

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

Identity of Issue	Description of Investment	Current Value
NOV Inc.	Common and Preferred Stock 133,325 shares	2,703,831
HealthEquity Inc.	Common and Preferred Stock 40,744 shares	2,701,327
Cooper Companies Inc.	Common and Preferred Stock 7,136 shares	2,700,548
Skyworks Solutions Inc	Common and Preferred Stock 23,527 shares	2,644,905
UBS Group AG	Common and Preferred Stock 83,117 shares	2,568,315
Brown & Brown Inc.	Common and Preferred Stock 35,497 shares	2,524,192
Cabot Corporation	Common and Preferred Stock 29,955 shares	2,501,243
Cloudflare Inc.	Common and Preferred Stock 29,783 shares	2,479,733
Teleflex Inc.	Common and Preferred Stock 9,770 shares	2,436,052
GlobalFoundries Inc.	Common and Preferred Stock 40,170 shares	2,434,302
Huntington Bancshares Inc.	Common and Preferred Stock 189,082 shares	2,405,123
Dynatrace Inc.	Common and Preferred Stock 43,138 shares	2,359,217
IDEX Corporation	Common and Preferred Stock 10,837 shares	2,352,821
Okta Inc.	Common and Preferred Stock 25,831 shares	2,338,480
American International Group Inc.*	Common and Preferred Stock 33,731 shares	2,285,275
FTI Consulting Inc.	Common and Preferred Stock 11,409 shares	2,272,102
AerCap Holdings N.V.	Common and Preferred Stock 30,223 shares	2,246,173
LPL Financial Holdings Inc.	Common and Preferred Stock 9,778 shares	2,225,668
Acadia Healthcare Company Inc.	Common and Preferred Stock 28,401 shares	2,208,462
Generac Holdings Inc.	Common and Preferred Stock 17,025 shares	2,200,311
MACOM Technology Solutions Holdings Inc.	Common and Preferred Stock 23,573 shares	2,191,110
Kirby Corporation	Common and Preferred Stock 27,702 shares	2,174,053
Gartner Inc.	Common and Preferred Stock 4,803 shares	2,166,681
Graphic Packaging Holding Company	Common and Preferred Stock 86,452 shares	2,131,042
ZipRecruiter Inc. Class A	Common and Preferred Stock 152,341 shares	2,117,540
Cimpress plc	Common and Preferred Stock 26,320 shares	2,106,916
Huron Consulting Group Inc.	Common and Preferred Stock 20,177 shares	2,074,196
Skechers USA Inc. Class A	Common and Preferred Stock 33,175 shares	2,068,130
Tenable Holdings Inc.	Common and Preferred Stock 44,822 shares	2,064,501
National Retail Properties Inc.	Common and Preferred Stock 47,573 shares	2,050,396
Dolby Laboratories Inc.	Common and Preferred Stock 23,571 shares	2,031,349
Doximity Inc.	Common and Preferred Stock 70,907 shares	1,988,232
Smartsheet Inc. Class A	Common and Preferred Stock 41,053 shares	1,963,154
10X Genomics Inc. Class A	Common and Preferred Stock 34,911 shares	1,953,620
Ultragenyx Pharmaceutical Inc.	Common and Preferred Stock 39,812 shares	1,903,810
Advanced Energy Industries Inc.	Common and Preferred Stock 17,478 shares	1,903,704
Chemed Corporation	Common and Preferred Stock 3,225 shares	1,885,819
Prosperity Bancshares Inc.	Common and Preferred Stock 27,811 shares	1,883,639
WisdomTree Investments Inc.	Common and Preferred Stock 265,576 shares	1,840,442
ASGN Inc.	Common and Preferred Stock 18,777 shares	1,805,784
Airbnb Inc. Class A	Common and Preferred Stock 13,254 shares	1,804,400
Carlisle Companies Inc.	Common and Preferred Stock 5,762 shares	1,800,222
UGI Corporation	Common and Preferred Stock 72,808 shares	1,791,077
Dycom Industries Inc.	Common and Preferred Stock 15,534 shares	1,787,808
Itron Inc.	Common and Preferred Stock 23,651 shares	1,785,887
Pool Corporation	Common and Preferred Stock 4,453 shares	1,775,456
FMC Corporation	Common and Preferred Stock 27,970 shares	1,763,509
Woodward Inc.	Common and Preferred Stock 12,895 shares	1,755,396
Match Group Inc.	Common and Preferred Stock 47,782 shares	1,744,043

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

Identity of Issue	Description of Investment	Current Value
Range Resources Corporation	Common and Preferred Stock 54,424 shares	1,656,667
Copart Inc.	Common and Preferred Stock 33,512 shares	1,642,088
On Semiconductor Corporation	Common and Preferred Stock 19,612 shares	1,638,190
Belden Inc.	Common and Preferred Stock 21,105 shares	1,630,361
Albany International Corporation Class A	Common and Preferred Stock 16,458 shares	1,616,505
BankUnited Inc.	Common and Preferred Stock 49,271 shares	1,597,859
ALLETE Inc.	Common and Preferred Stock 25,507 shares	1,560,008
Align Technology, Inc.	Common and Preferred Stock 5,573 shares	1,527,002
General Electric	Common and Preferred Stock 11,723 shares	1,496,206
Azekpany Inc.	Common and Preferred Stock 38,984 shares	1,491,138
Certara Inc.	Common and Preferred Stock 83,428 shares	1,467,499
Alamos Gold Inc. Class A	Common and Preferred Stock 108,854 shares	1,466,263
Diamondback Energy Inc.	Common and Preferred Stock 9,423 shares	1,461,319
First American Financial Corporation	Common and Preferred Stock 22,302 shares	1,437,141
National Bank Holdings Corporation Class A	Common and Preferred Stock 38,471 shares	1,430,736
Graco Inc.	Common and Preferred Stock 16,332 shares	1,416,964
Sea Limited	Common and Preferred Stock 34,985 shares	1,416,893
Cohen & Steers Inc.	Common and Preferred Stock 18,568 shares	1,406,155
Applied Industrial Technologies Inc.	Common and Preferred Stock 8,131 shares	1,404,142
Coherent Corporation	Common and Preferred Stock 32,140 shares	1,399,054
Nasdaq Inc.	Common and Preferred Stock 23,974 shares	1,393,848
Keysight Technologies Inc.	Common and Preferred Stock 8,604 shares	1,368,810
KAR Auction Services Inc.	Common and Preferred Stock 91,919 shares	1,361,320
AptarGroup Inc.	Common and Preferred Stock 10,940 shares	1,352,403
Sotera Health Company	Common and Preferred Stock 80,221 shares	1,351,724
ACI Worldwide Inc.	Common and Preferred Stock 43,961 shares	1,345,207
Oceaneering International Inc.	Common and Preferred Stock 62,976 shares	1,340,129
Summit Materials Inc.	Common and Preferred Stock 34,832 shares	1,339,639
IAC Inc.	Common and Preferred Stock 25,476 shares	1,334,433
Cardinal Health, Inc.	Common and Preferred Stock 13,233 shares	1,333,886
Under Armour Inc. Class C	Common and Preferred Stock 159,424 shares	1,331,190
Hannon Armstrong Sustainable Infrastructure Capital Inc.	Common and Preferred Stock 47,847 shares	1,319,620
Legend Biotech Corporation	Common and Preferred Stock 21,850 shares	1,314,715
Carter Inc.	Common and Preferred Stock 17,217 shares	1,289,381
Iridium Communications Inc.	Common and Preferred Stock 31,301 shares	1,288,349
BRP Group Inc. Class A	Common and Preferred Stock 53,003 shares	1,273,132
KBR, Inc.	Common and Preferred Stock 22,779 shares	1,262,184
Viper Energy Inc.	Common and Preferred Stock 39,483 shares	1,238,977
Encompass Health Corporation	Common and Preferred Stock 18,332 shares	1,223,111
Veracyte Inc.	Common and Preferred Stock 43,579 shares	1,198,858
National Vision Holdings Inc.	Common and Preferred Stock 56,975 shares	1,192,487
Prestige Consumer Healthcare Inc.	Common and Preferred Stock 19,371 shares	1,185,893
Matthews International Corporation Class A	Common and Preferred Stock 31,942 shares	1,170,674
Box Inc. Class A	Common and Preferred Stock 45,435 shares	1,163,590
Pfizer Inc.	Common and Preferred Stock 40,383 shares	1,162,627
Hexcel Corporation	Common and Preferred Stock 15,679 shares	1,156,326
Teledyne Technologies Inc.	Common and Preferred Stock 2,581 shares	1,151,874
Middleby Corporation	Common and Preferred Stock 7,751 shares	1,140,715
Tandem Diabetes Care Inc.	Common and Preferred Stock 38,289 shares	1,132,589
KB Home	Common and Preferred Stock 18,054 shares	1,127,653

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

Identity of Issue	Description of Investment	Current Value
Supernus Pharmaceuticals Inc.	Common and Preferred Stock 38,950 shares	1,127,213
Knowles Corporation	Common and Preferred Stock 62,618 shares	1,121,488
Arvinas Inc.	Common and Preferred Stock 27,098 shares	1,115,354
Knight-Swift Transportation Holdings Inc. Class A	Common and Preferred Stock 19,144 shares	1,103,652
WillScot Mobile Mini Holdings Corporation	Common and Preferred Stock 24,680 shares	1,098,260
Helen Trustoy Limited	Common and Preferred Stock 9,046 shares	1,092,847
N-Able Technologies International Inc.	Common and Preferred Stock 82,118 shares	1,088,064
SpringWorks Therapeutics Inc.	Common and Preferred Stock 29,264 shares	1,068,136
Tronox Holdings PLC	Common and Preferred Stock 75,259 shares	1,065,667
8X8 Inc.	Common and Preferred Stock 280,967 shares	1,062,055
Sally Beauty Holdings Inc.	Common and Preferred Stock 79,943 shares	1,061,643
Toro Company	Common and Preferred Stock 11,056 shares	1,061,265
Jacobs Solutions Inc.	Common and Preferred Stock 8,082 shares	1,049,044
Transmedics Group Inc.	Common and Preferred Stock 13,153 shares	1,038,166
Barnes Group Inc.	Common and Preferred Stock 31,043 shares	1,012,938
TKO Group Holdings Inc.	Common and Preferred Stock 12,397 shares	1,011,347
AZZ Inc.	Common and Preferred Stock 16,789 shares	975,273
Markel Corporation Holding Company	Common and Preferred Stock 686 shares	974,051
Texas Capital Bancshares Inc.	Common and Preferred Stock 15,038 shares	971,906
J & J Snack Foods Corporation	Common and Preferred Stock 5,798 shares	969,078
Sportradar Group	Common and Preferred Stock 85,698 shares	946,963
Nevro Corporation	Common and Preferred Stock 43,956 shares	945,933
Aspen Technology Inc.	Common and Preferred Stock 4,271 shares	940,261
Catalent Inc.	Common and Preferred Stock 20,337 shares	913,741
Agios Pharmaceuticals Inc.	Common and Preferred Stock 40,943 shares	911,801
SLR Investment Corporation	Common and Preferred Stock 59,001 shares	886,785
TreeHouse Foods Inc.	Common and Preferred Stock 21,315 shares	883,507
Align Technology Inc.	Common and Preferred Stock 3,108 shares	851,592
Harsco Corporation	Common and Preferred Stock 94,515 shares	850,635
Ciena Corporation	Common and Preferred Stock 18,838 shares	847,898
Masimo Corporation	Common and Preferred Stock 7,108 shares	833,129
Flowserve Corporation	Common and Preferred Stock 20,120 shares	829,346
Consensus Cloud Solutions Inc.	Common and Preferred Stock 30,766 shares	806,377
Pacific Premier Bancorp Inc.	Common and Preferred Stock 27,626 shares	804,193
United Community Bank Blairsville Georgia	Common and Preferred Stock 27,016 shares	790,488
Haemonetics Corporation	Common and Preferred Stock 9,196 shares	786,350
iShares Russell Mid-Cap ETF	Mutual Fund 10,104 shares	785,383
PetIQ Inc. Class A	Common and Preferred Stock 39,090 shares	772,028
Curtiss Wright Corporation	Common and Preferred Stock 3,404 shares	758,377
JBG SMITH Properties	Common and Preferred Stock 44,286 shares	753,305
BJs Wholesale Club Holdings Inc.	Common and Preferred Stock 10,900 shares	726,594
Elastic N.V.	Common and Preferred Stock 6,425 shares	724,098
Heartland Express Inc.	Common and Preferred Stock 49,353 shares	703,774
Monro Inc.	Common and Preferred Stock 23,895 shares	701,079
IPG Photonics Corporation	Common and Preferred Stock 6,321 shares	686,081
Relay Therapeutics Inc.	Common and Preferred Stock 59,787 shares	658,255
Grand Canyon Education Inc.	Common and Preferred Stock 4,980 shares	657,559
GXO Logistics Inc.	Common and Preferred Stock 10,583 shares	647,256
Banner Corporation	Common and Preferred Stock 12,021 shares	643,845
1-800-FLOWERS.COM Inc. Class A	Common and Preferred Stock 59,563 shares	642,089
STAG Industrial Inc.	Common and Preferred Stock 15,866 shares	622,899

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

Identity of Issue	Description of Investment	Current Value
NCR Corporation	Common and Preferred Stock 36,780 shares	621,950
iShares Core S&P Small-Cap ETF	Mutual Fund 5,676 shares	614,427
NorthWestern Corp	Common and Preferred Stock 11,281 shares	574,090
Herbalife Nutrition Limited	Common and Preferred Stock 37,617 shares	574,035
Silgan Holdings Inc.	Common and Preferred Stock 12,641 shares	572,005
Fox Factory Holding Corporation	Common and Preferred Stock 7,997 shares	539,638
Sonos Inc.	Common and Preferred Stock 31,157 shares	534,031
Axogen Inc.	Common and Preferred Stock 76,896 shares	525,200
Patterson-UTI Energy Inc.	Common and Preferred Stock 48,435 shares	523,098
Mid-American Apartment Communities Inc.	Common and Preferred Stock 3,840 shares	516,326
WSFS Financial Corporation	Common and Preferred Stock 11,168 shares	512,946
Boston Properties Inc.	Common and Preferred Stock 7,218 shares	506,487
Wolverine World Wide Inc.	Common and Preferred Stock 56,420 shares	501,574
Northern Oil & Gas Inc.	Common and Preferred Stock 13,374 shares	495,774
Mercury Systems Inc.	Common and Preferred Stock 12,345 shares	451,457
Infinera Corporation	Common and Preferred Stock 92,738 shares	440,506
Designer Brands Inc. Class A	Common and Preferred Stock 49,716 shares	439,987
Nu Skin Enterprises Inc. Class A	Common and Preferred Stock 22,256 shares	432,212
Omniceil Inc.	Common and Preferred Stock 11,146 shares	419,424
Rogers Corporation	Common and Preferred Stock 3,037 shares	401,097
iShares Russell 2000 ETF	Mutual Fund 1,622 shares	325,552
Berkshire Hills Bancorp Inc.	Common and Preferred Stock 12,971 shares	322,070
Mednax Inc.	Common and Preferred Stock 26,423 shares	245,734
John Bean Technologies Corporation	Common and Preferred Stock 2,163 shares	215,110
eHealth Inc.	Common and Preferred Stock 20,043 shares	174,775
Safehold Inc.	Common and Preferred Stock 7,445 shares	174,213
Remitly Global Inc.	Common and Preferred Stock 7,736 shares	150,233
Enhabit Inc.	Common and Preferred Stock 1,613 shares	16,695
Total U.S. Equity Active Asset Class		983,445,664
U.S. Equity Index Asset Class:		
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 20,555,023 units	1,541,647,306
Gaming & Leisure Properties Inc.	Common and Preferred Stock 155 shares	7,649
CTO Realty Growth Inc.	Common and Preferred Stock 256 shares	4,436
NT Collective Short Term Investment Fund*	Collective Trust Fund 1,135 units	1,135
Interest Bearing Cash	Cash and Cash Equivalents	113
Total U.S. Equity Index Asset Class		1,541,660,639
International Equity Active Class:		
Polaris Capital Management Collective Investment Trust International Value Collective Fund*	Collective Trust Fund 15,105,644 units	182,371,950
Mawer International Equity Collective Investment Trust Class B*	Collective Trust Fund 10,557,567 units	176,043,214
Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C*	Collective Trust Fund 10,071,732 units	150,572,399
Dodge & Cox International Fund	Mutual Fund 2,102,670 shares	103,367,235
Wilmington Trust Collective Investment Trust / Jennison International Equity Opportunities CIT Class J*	Collective Trust Fund 10,653,332 units	99,075,989
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending*	Collective Trust Fund 211,727 units	45,265,945

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

Identity of Issue	Description of Investment	Current Value
NT Collective Short Term Investment Fund*	Collective Trust Fund 98,778 units	98,778
Total International Equity Active Asset Class		756,795,510
International Equity Index Asset Class:		
NT Collective All Country World Index (ACWI) Ex/US Fund / Non Lending*	Collective Trust Fund 2,107,105 units	411,264,660
Blackrock FTSE RAFI Emerging Index Non Lendable Fund F*	Collective Trust Fund 21,268 units	117,939
NT Collective Short Term Investment Fund*	Collective Trust Fund 71 units	71
Total International Equity Index Asset Class		411,382,670
Participant Self-Directed Accounts	Various Investments	805,819,699
		805,819,699
Notes Receivable from Participants*	Interest Rate 4.25% - 9.50%	30,814,923
		30,814,923
Other:		
ML Vanguard Federal Money Market Forfeiture / Settlement*	Cash and Cash Equivalents	2,844,608
BIF Money Fund*	Cash and Cash Equivalents	2,426,200
NT Collective Short Term Investment Fund*	Collective Trust Fund 338,698 units	338,698
Exide Technologies	Common and Preferred Stock 35,683 shares	24,978
Interest Bearing Cash	Cash and Cash Equivalents	698
Total Other		5,635,182
Grand Total		<u>\$ 6,896,645,972</u>

* Indicates party-in-interest

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan: #001

As of December 31, 2023

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

Identity of Issue	Description of Investment	Current Value
Amgen stock*	Employer Securities 1,414,803 shares	\$ 397,307,694
		\$ 397,307,694
Capital Preservation Asset Class:		
Galliard Intermediate Core Fund L*	Collective Trust Fund 24,801,236 units	346,185,569
Galliard Short Core Fund F*	Collective Trust Fund 15,803,322 units	249,475,985
Short-Term Investment Fund II*	Collective Trust Fund 33,731,066 units	33,731,066
NT Collective Short Term Investment Fund*	Collective Trust Fund 37,350,196 units	37,350,196
Wrapper Contracts		—
Total Capital Preservation Asset Class		666,742,816
Fixed Income Active Asset Class:		
Wellington Core Bond Plus Portfolio Collective Investment Trust II*	Collective Trust Fund 6,228,783 units	70,758,978
Metlife Core Plus Collective Fund*	Collective Trust Fund 7,094,114 units	69,947,965
Schroder Global Strategic Bond Trust Class W*	Collective Trust Fund 2,401,270 units	25,357,406
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 121,379 units	18,004,123
NT Collective Short Term Investment Fund*	Collective Trust Fund 207,327 units	207,327
Banc America Alternative Loan Trust Series 2004-6 Class 4A 15.0% Due 10-25-2048*	Corporate Bond 2,329 units	1,909
GMAC Mortgage Loan Trust 2003/J10 4.75% Due 01/25/2019	Corporate Bond 1,132 units	1,099
Total Fixed Income Active Asset Class		184,278,807
Fixed Income Index Asset Class:		
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 7,501,937 units	1,112,762,320
NT Collective Short Term Investment Fund*	Collective Trust Fund 48 units	48
Total Fixed Income Index Asset Class		1,112,762,368
U.S. Equity Active Asset Class:		
NT Collective Russell 1000 Value Index Fund / Non Lending*	Collective Trust Fund 295,676 units	164,894,801
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 557,228 units	41,792,646
Amazon.com, Inc.	Common and Preferred Stock 141,662 shares	21,524,124
Microsoft Corporation	Common and Preferred Stock 57,054 shares	21,454,586
Visa Inc. Class A	Common and Preferred Stock 57,061 shares	14,855,831
ServiceNow, Inc.	Common and Preferred Stock 20,519 shares	14,496,468
NT Collective Short Term Investment Fund*	Collective Trust Fund 11,544,235 units	11,544,235
Nvidia Corporation	Common and Preferred Stock 23,030 shares	11,404,917
Netflix, Inc.	Common and Preferred Stock 20,414 shares	9,939,168
DEX Inc.	Common and Preferred Stock 70,124 shares	8,701,687
UnitedHealth Group Inc.	Common and Preferred Stock 15,909 shares	8,375,611

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

Identity of Issue	Description of Investment	Current Value
Entegris Inc.	Common and Preferred Stock 67,446 shares	8,081,380
Danaher Corporation	Common and Preferred Stock 33,744 shares	7,806,337
S&P Global Inc	Common and Preferred Stock 17,592 shares	7,749,628
SS&C Technologies Holdings Inc.	Common and Preferred Stock 122,935 shares	7,512,558
Citigroup Inc.	Common and Preferred Stock 139,387 shares	7,170,067
Dow Inc.	Common and Preferred Stock 128,454 shares	7,044,417
Canadian Pacific Kansas City Limited	Common and Preferred Stock 86,226 shares	6,817,028
Intuit	Common and Preferred Stock 10,508 shares	6,567,815
Ecolab Inc.	Common and Preferred Stock 33,054 shares	6,556,261
Wells Fargo & Company*	Common and Preferred Stock 129,745 shares	6,386,049
Facebook, Inc.	Common and Preferred Stock 17,871 shares	6,325,619
Equinix Inc.	Common and Preferred Stock 7,744 shares	6,236,940
Workday Inc. Class A	Common and Preferred Stock 22,470 shares	6,203,068
Autodesk Inc.	Common and Preferred Stock 25,447 shares	6,195,836
MSCI Inc.	Common and Preferred Stock 10,917 shares	6,175,201
Yum! Brands Inc.	Common and Preferred Stock 46,911 shares	6,129,391
Baxter International Inc.	Common and Preferred Stock 156,616 shares	6,054,775
Thermo Fisher Corporation	Common and Preferred Stock 11,241 shares	5,966,610
Snowflake Inc. Class A	Common and Preferred Stock 29,950 shares	5,960,050
Capital One Financial Corporation	Common and Preferred Stock 44,807 shares	5,875,094
Aon PLC	Common and Preferred Stock 19,583 shares	5,699,045
Alphabet Inc. Class C	Common and Preferred Stock 40,395 shares	5,692,867
Novo Nordisk A/S	Common and Preferred Stock 54,112 shares	5,597,886
STERIS plc	Common and Preferred Stock 25,030 shares	5,502,846
salesforce.com, inc.	Common and Preferred Stock 20,626 shares	5,427,526
Block, Inc.	Common and Preferred Stock 69,975 shares	5,412,566
MetLife Inc.*	Common and Preferred Stock 81,025 shares	5,358,183
Lear Corporation	Common and Preferred Stock 37,278 shares	5,264,026
Euronet Worldwide Inc.	Common and Preferred Stock 51,253 shares	5,201,667
Atlassian Corporation	Common and Preferred Stock 21,614 shares	5,141,106
Cognizant Technology Solutions Corporation Class A	Common and Preferred Stock 66,375 shares	5,013,304
American Express Company	Common and Preferred Stock 26,741 shares	5,009,659
Clean Harbors Inc.	Common and Preferred Stock 28,541 shares	4,980,690
Starbucks Corporation	Common and Preferred Stock 51,733 shares	4,966,885
Magna International Inc.	Common and Preferred Stock 83,740 shares	4,947,359
Datadog Inc.	Common and Preferred Stock 40,369 shares	4,899,989
The Sherwin-Williams Company	Common and Preferred Stock 15,707 shares	4,899,013
Iqvia Holdings Inc.	Common and Preferred Stock 21,066 shares	4,874,251
RB Global Inc.	Common and Preferred Stock 72,470 shares	4,847,518
Ball Corporation	Common and Preferred Stock 83,220 shares	4,786,814
Equitable Holdings Inc.	Common and Preferred Stock 141,584 shares	4,714,747
Synopsys Inc.	Common and Preferred Stock 9,084 shares	4,677,442
Alight Inc. Class A	Common and Preferred Stock 526,792 shares	4,493,536
Fresenius Medical Care	Common and Preferred Stock 215,055 shares	4,479,596
FleetCor Technologies, Inc.	Common and Preferred Stock 15,726 shares	4,444,325

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

Identity of Issue	Description of Investment	Current Value
Bank of America Corporation*	Common and Preferred Stock 130,152 shares	4,382,218
Waste Connections Inc.	Common and Preferred Stock 29,286 shares	4,371,521
Shopify Inc	Common and Preferred Stock 55,641 shares	4,334,434
J2 Global Inc.	Common and Preferred Stock 63,994 shares	4,299,757
Sensata Technologies BV Holding	Common and Preferred Stock 114,144 shares	4,288,390
Edison International	Common and Preferred Stock 59,934 shares	4,284,682
Merit Medical Systems Inc.	Common and Preferred Stock 56,240 shares	4,271,990
Lam Resh Corporation	Common and Preferred Stock 5,263 shares	4,122,297
CarGurus Inc. Class A	Common and Preferred Stock 165,637 shares	4,001,790
Voya Financial Inc.	Common and Preferred Stock 54,575 shares	3,981,792
Charles River Laboratories International Inc.	Common and Preferred Stock 16,768 shares	3,963,955
Ametek Inc.	Common and Preferred Stock 23,531 shares	3,880,027
Global Payments Inc.	Common and Preferred Stock 30,407 shares	3,861,689
PVH Corporation	Common and Preferred Stock 31,615 shares	3,860,824
Trimble Inc.	Common and Preferred Stock 71,756 shares	3,817,419
JP Morgan Chase & Company	Common and Preferred Stock 22,326 shares	3,797,653
Uber Technologies Inc.	Common and Preferred Stock 61,547 shares	3,789,449
Wabtec Corporation	Common and Preferred Stock 29,783 shares	3,779,463
QuidelOrtho Corporation	Common and Preferred Stock 50,575 shares	3,727,378
Halozyme Therapeutics Inc.	Common and Preferred Stock 100,321 shares	3,707,864
Bio-Techne Corporation	Common and Preferred Stock 47,938 shares	3,698,896
Newell Brands Inc.	Common and Preferred Stock 421,575 shares	3,659,271
Amphenol Corporation Class A	Common and Preferred Stock 36,806 shares	3,648,579
Charter Communications Inc.	Common and Preferred Stock 9,293 shares	3,612,003
Medtronic PLC	Common and Preferred Stock 43,476 shares	3,581,553
Henry Schein Inc.	Common and Preferred Stock 47,286 shares	3,580,023
Bristol Myers Squibb	Common and Preferred Stock 69,308 shares	3,556,193
BWX Technologies Inc.	Common and Preferred Stock 45,754 shares	3,510,704
Shell plc	Common and Preferred Stock 53,030 shares	3,489,374
Matson Inc.	Common and Preferred Stock 30,375 shares	3,329,100
Nu Holdings Limited	Common and Preferred Stock 371,931 shares	3,098,185
Churchill Downs Inc.	Common and Preferred Stock 22,894 shares	3,089,087
Floor & Decor Holdings Inc.	Common and Preferred Stock 26,924 shares	3,003,641
LKQ Corporation	Common and Preferred Stock 61,772 shares	2,952,084
Goldman Sachs Group Inc.	Common and Preferred Stock 7,580 shares	2,924,137
Tyson Foods Inc.	Common and Preferred Stock 54,223 shares	2,914,486
Walt Disney Company	Common and Preferred Stock 32,145 shares	2,902,372
Gildan Activewear Inc.	Common and Preferred Stock 87,141 shares	2,880,881
Ingredion Inc.	Common and Preferred Stock 26,415 shares	2,866,820
TE Connectivity Limited	Common and Preferred Stock 20,254 shares	2,845,687
Amdocs Limited	Common and Preferred Stock 32,188 shares	2,829,003
Okta Inc. Class A	Common and Preferred Stock 31,236 shares	2,827,795
Edwards Lifesciences Corporation	Common and Preferred Stock 36,745 shares	2,801,806
ACV Auctions Inc. Class A	Common and Preferred Stock 184,748 shares	2,798,932
DoorDash Inc. Class A	Common and Preferred Stock 28,198 shares	2,788,500
Heico Corporation Class A	Common and Preferred Stock 19,297 shares	2,748,665
CoStar Group Inc.	Common and Preferred Stock 31,411 shares	2,745,007

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

Identity of Issue	Description of Investment	Current Value
NOV Inc.	Common and Preferred Stock 133,325 shares	2,703,831
HealthEquity Inc.	Common and Preferred Stock 40,744 shares	2,701,327
Cooper Companies Inc.	Common and Preferred Stock 7,136 shares	2,700,548
Skyworks Solutions Inc	Common and Preferred Stock 23,527 shares	2,644,905
UBS Group AG	Common and Preferred Stock 83,117 shares	2,568,315
Brown & Brown Inc.	Common and Preferred Stock 35,497 shares	2,524,192
Cabot Corporation	Common and Preferred Stock 29,955 shares	2,501,243
Cloudflare Inc.	Common and Preferred Stock 29,783 shares	2,479,733
Teleflex Inc.	Common and Preferred Stock 9,770 shares	2,436,052
GlobalFoundries Inc.	Common and Preferred Stock 40,170 shares	2,434,302
Huntington Bancshares Inc.	Common and Preferred Stock 189,082 shares	2,405,123
Dynatrace Inc.	Common and Preferred Stock 43,138 shares	2,359,217
IDEX Corporation	Common and Preferred Stock 10,837 shares	2,352,821
Okta Inc.	Common and Preferred Stock 25,831 shares	2,338,480
American International Group Inc.*	Common and Preferred Stock 33,731 shares	2,285,275
FTI Consulting Inc.	Common and Preferred Stock 11,409 shares	2,272,102
AerCap Holdings N.V.	Common and Preferred Stock 30,223 shares	2,246,173
LPL Financial Holdings Inc.	Common and Preferred Stock 9,778 shares	2,225,668
Acadia Healthcare Company Inc.	Common and Preferred Stock 28,401 shares	2,208,462
Generac Holdings Inc.	Common and Preferred Stock 17,025 shares	2,200,311
MACOM Technology Solutions Holdings Inc.	Common and Preferred Stock 23,573 shares	2,191,110
Kirby Corporation	Common and Preferred Stock 27,702 shares	2,174,053
Gartner Inc.	Common and Preferred Stock 4,803 shares	2,166,681
Graphic Packaging Holding Company	Common and Preferred Stock 86,452 shares	2,131,042
ZipRecruiter Inc. Class A	Common and Preferred Stock 152,341 shares	2,117,540
Cimpress plc	Common and Preferred Stock 26,320 shares	2,106,916
Huron Consulting Group Inc.	Common and Preferred Stock 20,177 shares	2,074,196
Skechers USA Inc. Class A	Common and Preferred Stock 33,175 shares	2,068,130
Tenable Holdings Inc.	Common and Preferred Stock 44,822 shares	2,064,501
National Retail Properties Inc.	Common and Preferred Stock 47,573 shares	2,050,396
Dolby Laboratories Inc.	Common and Preferred Stock 23,571 shares	2,031,349
Doximity Inc.	Common and Preferred Stock 70,907 shares	1,988,232
Smartsheet Inc. Class A	Common and Preferred Stock 41,053 shares	1,963,154
10X Genomics Inc. Class A	Common and Preferred Stock 34,911 shares	1,953,620
Ultragenyx Pharmaceutical Inc.	Common and Preferred Stock 39,812 shares	1,903,810
Advanced Energy Industries Inc.	Common and Preferred Stock 17,478 shares	1,903,704
Chemed Corporation	Common and Preferred Stock 3,225 shares	1,885,819
Prosperity Bancshares Inc.	Common and Preferred Stock 27,811 shares	1,883,639
WisdomTree Investments Inc.	Common and Preferred Stock 265,576 shares	1,840,442
ASGN Inc.	Common and Preferred Stock 18,777 shares	1,805,784
Airbnb Inc. Class A	Common and Preferred Stock 13,254 shares	1,804,400
Carlisle Companies Inc.	Common and Preferred Stock 5,762 shares	1,800,222
UGI Corporation	Common and Preferred Stock 72,808 shares	1,791,077
Dycom Industries Inc.	Common and Preferred Stock 15,534 shares	1,787,808
Itron Inc.	Common and Preferred Stock 23,651 shares	1,785,887
Pool Corporation	Common and Preferred Stock 4,453 shares	1,775,456
FMC Corporation	Common and Preferred Stock 27,970 shares	1,763,509
Woodward Inc.	Common and Preferred Stock 12,895 shares	1,755,396
Match Group Inc.	Common and Preferred Stock 47,782 shares	1,744,043

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

Identity of Issue	Description of Investment	Current Value
Range Resources Corporation	Common and Preferred Stock 54,424 shares	1,656,667
Copart Inc.	Common and Preferred Stock 33,512 shares	1,642,088
On Semiconductor Corporation	Common and Preferred Stock 19,612 shares	1,638,190
Belden Inc.	Common and Preferred Stock 21,105 shares	1,630,361
Albany International Corporation Class A	Common and Preferred Stock 16,458 shares	1,616,505
BankUnited Inc.	Common and Preferred Stock 49,271 shares	1,597,859
ALLETE Inc.	Common and Preferred Stock 25,507 shares	1,560,008
Align Technology, Inc.	Common and Preferred Stock 5,573 shares	1,527,002
General Electric	Common and Preferred Stock 11,723 shares	1,496,206
Azekpany Inc.	Common and Preferred Stock 38,984 shares	1,491,138
Certara Inc.	Common and Preferred Stock 83,428 shares	1,467,499
Alamos Gold Inc. Class A	Common and Preferred Stock 108,854 shares	1,466,263
Diamondback Energy Inc.	Common and Preferred Stock 9,423 shares	1,461,319
First American Financial Corporation	Common and Preferred Stock 22,302 shares	1,437,141
National Bank Holdings Corporation Class A	Common and Preferred Stock 38,471 shares	1,430,736
Graco Inc.	Common and Preferred Stock 16,332 shares	1,416,964
Sea Limited	Common and Preferred Stock 34,985 shares	1,416,893
Cohen & Steers Inc.	Common and Preferred Stock 18,568 shares	1,406,155
Applied Industrial Technologies Inc.	Common and Preferred Stock 8,131 shares	1,404,142
Coherent Corporation	Common and Preferred Stock 32,140 shares	1,399,054
Nasdaq Inc.	Common and Preferred Stock 23,974 shares	1,393,848
Keysight Technologies Inc.	Common and Preferred Stock 8,604 shares	1,368,810
KAR Auction Services Inc.	Common and Preferred Stock 91,919 shares	1,361,320
AptarGroup Inc.	Common and Preferred Stock 10,940 shares	1,352,403
Sotera Health Company	Common and Preferred Stock 80,221 shares	1,351,724
ACI Worldwide Inc.	Common and Preferred Stock 43,961 shares	1,345,207
Oceaneering International Inc.	Common and Preferred Stock 62,976 shares	1,340,129
Summit Materials Inc.	Common and Preferred Stock 34,832 shares	1,339,639
IAC Inc.	Common and Preferred Stock 25,476 shares	1,334,433
Cardinal Health, Inc.	Common and Preferred Stock 13,233 shares	1,333,886
Under Armour Inc. Class C	Common and Preferred Stock 159,424 shares	1,331,190
Hannon Armstrong Sustainable Infrastructure Capital Inc.	Common and Preferred Stock 47,847 shares	1,319,620
Legend Biotech Corporation	Common and Preferred Stock 21,850 shares	1,314,715
Carter Inc.	Common and Preferred Stock 17,217 shares	1,289,381
Iridium Communications Inc.	Common and Preferred Stock 31,301 shares	1,288,349
BRP Group Inc. Class A	Common and Preferred Stock 53,003 shares	1,273,132
KBR, Inc.	Common and Preferred Stock 22,779 shares	1,262,184
Viper Energy Inc.	Common and Preferred Stock 39,483 shares	1,238,977
Encompass Health Corporation	Common and Preferred Stock 18,332 shares	1,223,111
Veracyte Inc.	Common and Preferred Stock 43,579 shares	1,198,858
National Vision Holdings Inc.	Common and Preferred Stock 56,975 shares	1,192,487
Prestige Consumer Healthcare Inc.	Common and Preferred Stock 19,371 shares	1,185,893
Matthews International Corporation Class A	Common and Preferred Stock 31,942 shares	1,170,674
Box Inc. Class A	Common and Preferred Stock 45,435 shares	1,163,590
Pfizer Inc.	Common and Preferred Stock 40,383 shares	1,162,627
Hexcel Corporation	Common and Preferred Stock 15,679 shares	1,156,326
Teledyne Technologies Inc.	Common and Preferred Stock 2,581 shares	1,151,874
Middleby Corporation	Common and Preferred Stock 7,751 shares	1,140,715
Tandem Diabetes Care Inc.	Common and Preferred Stock 38,289 shares	1,132,589
KB Home	Common and Preferred Stock 18,054 shares	1,127,653

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

Identity of Issue	Description of Investment	Current Value
Supernus Pharmaceuticals Inc.	Common and Preferred Stock 38,950 shares	1,127,213
Knowles Corporation	Common and Preferred Stock 62,618 shares	1,121,488
Arvinas Inc.	Common and Preferred Stock 27,098 shares	1,115,354
Knight-Swift Transportation Holdings Inc. Class A	Common and Preferred Stock 19,144 shares	1,103,652
WillScot Mobile Mini Holdings Corporation	Common and Preferred Stock 24,680 shares	1,098,260
Helen Trustoy Limited	Common and Preferred Stock 9,046 shares	1,092,847
N-Able Technologies International Inc.	Common and Preferred Stock 82,118 shares	1,088,064
SpringWorks Therapeutics Inc.	Common and Preferred Stock 29,264 shares	1,068,136
Tronox Holdings PLC	Common and Preferred Stock 75,259 shares	1,065,667
8X8 Inc.	Common and Preferred Stock 280,967 shares	1,062,055
Sally Beauty Holdings Inc.	Common and Preferred Stock 79,943 shares	1,061,643
Toro Company	Common and Preferred Stock 11,056 shares	1,061,265
Jacobs Solutions Inc.	Common and Preferred Stock 8,082 shares	1,049,044
Transmedics Group Inc.	Common and Preferred Stock 13,153 shares	1,038,166
Barnes Group Inc.	Common and Preferred Stock 31,043 shares	1,012,938
TKO Group Holdings Inc.	Common and Preferred Stock 12,397 shares	1,011,347
AZZ Inc.	Common and Preferred Stock 16,789 shares	975,273
Markel Corporation Holding Company	Common and Preferred Stock 686 shares	974,051
Texas Capital Bancshares Inc.	Common and Preferred Stock 15,038 shares	971,906
J & J Snack Foods Corporation	Common and Preferred Stock 5,798 shares	969,078
Sportradar Group	Common and Preferred Stock 85,698 shares	946,963
Nevro Corporation	Common and Preferred Stock 43,956 shares	945,933
Aspen Technology Inc.	Common and Preferred Stock 4,271 shares	940,261
Catalent Inc.	Common and Preferred Stock 20,337 shares	913,741
Agios Pharmaceuticals Inc.	Common and Preferred Stock 40,943 shares	911,801
SLR Investment Corporation	Common and Preferred Stock 59,001 shares	886,785
TreeHouse Foods Inc.	Common and Preferred Stock 21,315 shares	883,507
Align Technology Inc.	Common and Preferred Stock 3,108 shares	851,592
Harsco Corporation	Common and Preferred Stock 94,515 shares	850,635
Ciena Corporation	Common and Preferred Stock 18,838 shares	847,898
Masimo Corporation	Common and Preferred Stock 7,108 shares	833,129
Flowserve Corporation	Common and Preferred Stock 20,120 shares	829,346
Consensus Cloud Solutions Inc.	Common and Preferred Stock 30,766 shares	806,377
Pacific Premier Bancorp Inc.	Common and Preferred Stock 27,626 shares	804,193
United Community Bank Blairsville Georgia	Common and Preferred Stock 27,016 shares	790,488
Haemonetics Corporation	Common and Preferred Stock 9,196 shares	786,350
iShares Russell Mid-Cap ETF	Mutual Fund 10,104 shares	785,383
PetIQ Inc. Class A	Common and Preferred Stock 39,090 shares	772,028
Curtiss Wright Corporation	Common and Preferred Stock 3,404 shares	758,377
JBG SMITH Properties	Common and Preferred Stock 44,286 shares	753,305
BJs Wholesale Club Holdings Inc.	Common and Preferred Stock 10,900 shares	726,594
Elastic N.V.	Common and Preferred Stock 6,425 shares	724,098
Heartland Express Inc.	Common and Preferred Stock 49,353 shares	703,774
Monro Inc.	Common and Preferred Stock 23,895 shares	701,079
IPG Photonics Corporation	Common and Preferred Stock 6,321 shares	686,081
Relay Therapeutics Inc.	Common and Preferred Stock 59,787 shares	658,255
Grand Canyon Education Inc.	Common and Preferred Stock 4,980 shares	657,559
GXO Logistics Inc.	Common and Preferred Stock 10,583 shares	647,256
Banner Corporation	Common and Preferred Stock 12,021 shares	643,845
1-800-FLOWERS.COM Inc. Class A	Common and Preferred Stock 59,563 shares	642,089
STAG Industrial Inc.	Common and Preferred Stock 15,866 shares	622,899

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

Identity of Issue	Description of Investment	Current Value
NCR Corporation	Common and Preferred Stock 36,780 shares	621,950
iShares Core S&P Small-Cap ETF	Mutual Fund 5,676 shares	614,427
NorthWestern Corp	Common and Preferred Stock 11,281 shares	574,090
Herbalife Nutrition Limited	Common and Preferred Stock 37,617 shares	574,035
Silgan Holdings Inc.	Common and Preferred Stock 12,641 shares	572,005
Fox Factory Holding Corporation	Common and Preferred Stock 7,997 shares	539,638
Sonos Inc.	Common and Preferred Stock 31,157 shares	534,031
Axogen Inc.	Common and Preferred Stock 76,896 shares	525,200
Patterson-UTI Energy Inc.	Common and Preferred Stock 48,435 shares	523,098
Mid-American Apartment Communities Inc.	Common and Preferred Stock 3,840 shares	516,326
WSFS Financial Corporation	Common and Preferred Stock 11,168 shares	512,946
Boston Properties Inc.	Common and Preferred Stock 7,218 shares	506,487
Wolverine World Wide Inc.	Common and Preferred Stock 56,420 shares	501,574
Northern Oil & Gas Inc.	Common and Preferred Stock 13,374 shares	495,774
Mercury Systems Inc.	Common and Preferred Stock 12,345 shares	451,457
Infinera Corporation	Common and Preferred Stock 92,738 shares	440,506
Designer Brands Inc. Class A	Common and Preferred Stock 49,716 shares	439,987
Nu Skin Enterprises Inc. Class A	Common and Preferred Stock 22,256 shares	432,212
Omniceil Inc.	Common and Preferred Stock 11,146 shares	419,424
Rogers Corporation	Common and Preferred Stock 3,037 shares	401,097
iShares Russell 2000 ETF	Mutual Fund 1,622 shares	325,552
Berkshire Hills Bancorp Inc.	Common and Preferred Stock 12,971 shares	322,070
Mednax Inc.	Common and Preferred Stock 26,423 shares	245,734
John Bean Technologies Corporation	Common and Preferred Stock 2,163 shares	215,110
eHealth Inc.	Common and Preferred Stock 20,043 shares	174,775
Safehold Inc.	Common and Preferred Stock 7,445 shares	174,213
Remitly Global Inc.	Common and Preferred Stock 7,736 shares	150,233
Enhabit Inc.	Common and Preferred Stock 1,613 shares	16,695
Total U.S. Equity Active Asset Class		983,445,664
U.S. Equity Index Asset Class:		
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 20,555,023 units	1,541,647,306
Gaming & Leisure Properties Inc.	Common and Preferred Stock 155 shares	7,649
CTO Realty Growth Inc.	Common and Preferred Stock 256 shares	4,436
NT Collective Short Term Investment Fund*	Collective Trust Fund 1,135 units	1,135
Interest Bearing Cash	Cash and Cash Equivalents	113
Total U.S. Equity Index Asset Class		1,541,660,639
International Equity Active Class:		
Polaris Capital Management Collective Investment Trust International Value Collective Fund*	Collective Trust Fund 15,105,644 units	182,371,950
Mawer International Equity Collective Investment Trust Class B*	Collective Trust Fund 10,557,567 units	176,043,214
Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C*	Collective Trust Fund 10,071,732 units	150,572,399
Dodge & Cox International Fund	Mutual Fund 2,102,670 shares	103,367,235
Wilmington Trust Collective Investment Trust / Jennison International Equity Opportunities CIT Class J*	Collective Trust Fund 10,653,332 units	99,075,989
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending*	Collective Trust Fund 211,727 units	45,265,945

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

Identity of Issue	Description of Investment	Current Value
NT Collective Short Term Investment Fund*	Collective Trust Fund 98,778 units	98,778
Total International Equity Active Asset Class		756,795,510
International Equity Index Asset Class:		
NT Collective All Country World Index (ACWI) Ex/US Fund / Non Lending*	Collective Trust Fund 2,107,105 units	411,264,660
Blackrock FTSE RAFI Emerging Index Non Lendable Fund F*	Collective Trust Fund 21,268 units	117,939
NT Collective Short Term Investment Fund*	Collective Trust Fund 71 units	71
Total International Equity Index Asset Class		411,382,670
Participant Self-Directed Accounts	Various Investments	805,819,699
		805,819,699
Notes Receivable from Participants*	Interest Rate 4.25% - 9.50%	30,814,923
		30,814,923
Other:		
ML Vanguard Federal Money Market Forfeiture / Settlement*	Cash and Cash Equivalents	2,844,608
BIF Money Fund*	Cash and Cash Equivalents	2,426,200
NT Collective Short Term Investment Fund*	Collective Trust Fund 338,698 units	338,698
Exide Technologies	Common and Preferred Stock 35,683 shares	24,978
Interest Bearing Cash	Cash and Cash Equivalents	698
Total Other		5,635,182
Grand Total		<u>\$ 6,896,645,972</u>

* Indicates party-in-interest