Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2021

This Form is Open to Public Inspection

Part I Annual Report Identification Information

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

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report
- [ ] the final return/report
- [ ] an amended return/report
- [ ] a short plan year return/report (less than 12 months)

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] 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.	10/04/2022	VINCE BRIGANDI
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] 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**	18645
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1) Total number of active participants at the beginning of the plan year	**6a(1)**	11926
a(2) Total number of active participants at the end of the plan year	**6a(2)**	11445
b Retired or separated participants receiving benefits	**6b**	531
c Other retired or separated participants entitled to future benefits	**6c**	6829
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	18805
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	46
f Total. Add lines **6d** and **6e**	**6f**	18851
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	18798
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	252
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)		**9b** Plan benefit arrangement (check all that apply)	
(1)	[X] Insurance	**(1)**	[X] Insurance
(2)	[ ] Code section 412(e)(3) insurance contracts	**(2)**	[ ] Code section 412(e)(3) insurance contracts
(3)	[X] Trust	**(3)**	[X] Trust
(4)	[ ] General assets of the sponsor	**(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)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [X] 4 **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **D** (DFE/Participating Plan Information)
- **(6)** [X] **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2021 Form M-1 annual report. If the plan was not required to file the 2021 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE 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

2021

This Form is Open to Public Inspection

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

A Name of plan
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	01/01/2021	12/31/2021

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 ▶

b	Balance at the end of the previous year			**7b**	176895033
c	Additions: (1) Contributions deposited during the year	**7c(1)**	6697500		
	(2) Dividends and credits	**7c(2)**			
	(3) Interest credited during the year	**7c(3)**	2365942		
	(4) Transferred from separate account	**7c(4)**			
	(5) Other (specify below)	**7c(5)**			
	▶				
	(6) Total additions			**7c(6)**	9063442
d	Total of balance and additions (add lines **7b** and **7c(6)**)			**7d**	185958475
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**	4063000		
	(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)**	4063000
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	181895475

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

2021

This Form is Open to Public Inspection

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

A Name of plan
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	01/01/2021	12/31/2021

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 ▶

b	Balance at the end of the previous year			7b	202038157
c	Additions: (1) Contributions deposited during the year	7c(1)	13071000		
	(2) Dividends and credits	7c(2)			
	(3) Interest credited during the year	7c(3)	2968133		
	(4) Transferred from separate account	7c(4)			
	(5) Other (specify below) ▶	7c(5)			
	(6) Total additions			7c(6)	16039133
d	Total of balance and additions (add lines **7b** and **7c(6)**)			7d	218077290
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)	4763000		
	▶ CASH				
	(5) Total deductions			7e(5)	4763000
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	213314290

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

2021

This Form is Open to Public Inspection

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

A Name of plan
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	01/01/2021	12/31/2021

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 ▶

b	Balance at the end of the previous year			**7b**	149853095
c	Additions: (1) Contributions deposited during the year	**7c(1)**	9771000		
	(2) Dividends and credits	**7c(2)**			
	(3) Interest credited during the year	**7c(3)**	2577869		
	(4) Transferred from separate account	**7c(4)**			
	(5) Other (specify below)	**7c(5)**			
	▶				
	(6) Total additions			**7c(6)**	12348869
d	Total of balance and additions (add lines **7b** and **7c(6)**)			**7d**	162201964
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	**7e(1)**	3560000		
	(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)**	3560000
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			**7f**	158641964

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

2021

This Form is Open to Public Inspection

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

A Name of plan
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	01/01/2021	12/31/2021

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 ▶

b	Balance at the end of the previous year			7b	149843878
c	Additions: (1) Contributions deposited during the year	7c(1)			
	(2) Dividends and credits	7c(2)			
	(3) Interest credited during the year	7c(3)	2600288		
	(4) Transferred from separate account	7c(4)			
	(5) Other (specify below)	7c(5)	8634500		
	▶ BOOK VALUE ADJUSTMENT				
	(6) Total additions			7c(6)	11234788
d	Total of balance and additions (add lines **7b** and **7c(6)**)			7d	161078666
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)			
	▶				
	(5) Total deductions			7e(5)	0
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	161078666

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)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	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.**	**2021** **This Form is Open to Public Inspection.**

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

A Name of plan
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).. . . . . [X] 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	4236427	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(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	1377338	Yes [ ] No [X]	Yes [ ] No [ ]		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	1251544	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

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

SANDS CAPITAL MANAGEMENT, LLC

20-2830751

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	1163860	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(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	958439	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(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	940658	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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 MANAGEMENT

47-1867873

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	907948	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(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	695530	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(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	407311	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

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

NORTHERN TRUST INVESTMENTS INC

36-3608252

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
28 51	NONE	398021	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

(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	215460	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

JP MORGAN INVESTMENT MGMT INC

13-3200244

(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?
27 28 50 51	NONE	60210	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

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

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

HOTCHKIS AND WILEY CAPITAL MGMT

95-4871957

(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	45888	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

COLUMBUS CIRCLE INVESTORS

06-1404803

(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	37937	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

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

BLACKROCK

94-3112180

(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	36946	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [ ] No [X]

Part I Service Provider Information (continued)

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

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

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

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

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

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

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

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

a Name:

b EIN:

c Position:

d Address:

e Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

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

A Name of plan
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 COMPANY		
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)	1020855763		

a Name of MTIA, CCT, PSA, or 103-12 IE:	COLTV MSCI ACWI EX-US INDEX NL FUND		
b Name of sponsor of entity listed in (a):	NORTHERN TRUST COMPANY		
c EIN-PN	45-6138589-117	**d** Entity code	C
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	469637570		

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 COMPANY		
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)	65229845		

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)	98296		

a Name of MTIA, CCT, PSA, or 103-12 IE:	WELLS FARGO FIXED INCOME FUND F		
b Name of sponsor of entity listed in (a):	WELLS FARGO BANK		
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)	217778788		

a Name of MTIA, CCT, PSA, or 103-12 IE:	WELLS FARGO FIXED INCOME FUND L		
b Name of sponsor of entity listed in (a):	WELLS FARGO BANK		
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)	317243168		

a Name of MTIA, CCT, PSA, or 103-12 IE:	WELLS FARGO BLACKROCK STIF FUND S		
b Name of sponsor of entity listed in (a):	WELLS FARGO BANK		
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)	37870238		

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)	44835509
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)	179851763
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)	46390418
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)	179129606
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)	110131779
a Name of MTIA, CCT, PSA, or 103-12 IE:	COLTV MSCI ACWI EX-US INDEX NL FUND		
b Name of sponsor of entity listed in (a):	NORTHERN TRUST COMPANY		
c EIN-PN 45-6138589-103	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	44875035
a Name of MTIA, CCT, PSA, or 103-12 IE:	RUSSELL 3000 INDEX FUND		
b Name of sponsor of entity listed in (a):	NORTHERN TRUST COMPANY		
c EIN-PN 45-6138589-097	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1082207362
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)	142493012
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)	136685875
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 38-4139857-001	**d** Entity code C	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	83701490

Part II **Information on Participating Plans (to be completed by DFEs)**
(Complete as many entries as needed to report all participating plans)

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

SCHEDULE G (Form 5500)

Department of Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Financial Transaction Schedules

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

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

A Name of plan
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 Schedule of Loans or Fixed Income Obligations in Default or Classified as Uncollectible

Complete as many entries as needed to report all loans or fixed income obligations in default or classified as uncollectible. Check box (a) if obligor is known to be a party in interest. Attach Overdue Loan Explanation for each loan listed. See Instructions.

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐	KAUPTHING BANK BORGARTUM 26 REYKJAVIK, ICELAND 105 IL IL	NOTES DUE 2/28/2020

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest
183033			775		

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

(a)	(b) Identity and address of obligor	(c) Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation, and other material items
☐		

	Amount received during reporting year			Amount overdue	
(d) Original amount of loan	(e) Principal	(f) Interest	(g) Unpaid balance at end of year	(h) Principal	(i) Interest

Part II Schedule of Leases in Default or Classified as Uncollectible

Complete as many entries as needed to report all leases in default or classified as uncollectible. Check box (a) if lessor or lessee is known to be a party in interest. Attach Overdue Lease Explanation for each lease listed. (See instructions)

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)
☐			

(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)
☐			

(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)
☐			

(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)
☐			

(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)
☐			

(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears

(a)	(b) Identity of lessor/lessee	(c) Relationship to plan, employer, employee organization, or other party-in-interest	(d) Terms and description (type of property, location and date it was purchased, terms regarding rent, taxes, insurance, repairs, expenses, renewal options, date property was leased)
☐			

(e) Original cost	(f) Current value at time of lease	(g) Gross rental receipts during the plan year	(h) Expenses paid during the plan year	(i) Net receipts	(j) Amount in arrears

Part III Nonexempt Transactions

Complete as many entries as needed to report all nonexempt transactions. **Caution:** If a nonexempt prohibited transaction occurred with respect to a disqualified person, file Form 5330 with the IRS to pay the excise tax on the transaction.

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price

(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price

(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price

(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price

(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price

(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

(a) Identity of party involved	(b) Relationship to plan, employer, or other party-in-interest	(c) Description of transaction including maturity date, rate of interest, collateral, par or maturity value	(d) Purchase price

(e) Selling price	(f) Lease rental	(g) Transaction expenses	(h) Cost of asset	(i) Current value of asset	(j) Net gain (or loss) on each transaction

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection

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

A Name of plan
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)	9187314	4502530
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	32090680	49649048
(2) U.S. Government securities	1c(2)	59	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)	4891	4750
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)	1245180041	1528109335
(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)	32890569	30243936
(9) Value of interest in common/collective trusts	1c(9)	4169530724	4179015517
(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)	92035145	81887302
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	181355236	182357216
(15) Other	1c(15)	652275996	800655313

			(a) Beginning of Year	**(b)** End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)	352404662	331811884
	(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	6766955317	7188236831
	Liabilities			
g	Benefit claims payable	1g	2432934	3044375
h	Operating payables	1h		
i	Acquisition indebtedness	1i		
j	Other liabilities	1j	8741768	6957185
k	Total liabilities (add all amounts in lines 1g through1j)	1k	11174702	10001560
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	6755780615	7178235271

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)	192549554	
	(B) Participants	2a(1)(B)	170659097	
	(C) Others (including rollovers)	2a(1)(C)	37446206	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		400654857
b	**Earnings on investments:**			
	(1) Interest:			
	(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	47831	
	(B) U.S. Government securities	2b(1)(B)		
	(C) Corporate debt instruments	2b(1)(C)	168	
	(D) Loans (other than to participants)	2b(1)(D)		
	(E) Participant loans	2b(1)(E)	1527815	
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		1575814
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)	20695497	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	1855901	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		22551398
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	542492714	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	477454344	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		65038370
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)	153486077	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		153486077

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		296846540
(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)		57839357
c Other income	2c		71525282
d Total income. Add all **income** amounts in column (b) and enter total	2d		1069517695
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	633945871	
(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)		633945871
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		47143
h Interest expense	2h		
i Administrative expenses: **(1)** Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	8951969	
(4) Other	2i(4)	4118056	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		13070025
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		647063039
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		422454656
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) [X] 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)** [X] 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** because:

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

Part IV Compliance Questions

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

During the plan year:

		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.)	4a	X		17793

			Yes	No	Amount
b	Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	**4b**	X		775
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	**4c**		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	**4d**		X	
e	Was this plan covered by a fidelity bond?	**4e**	X		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?	**4f**		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	**4g**		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	**4h**		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	**4i**	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	**4j**		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	**4k**		X	
l	Has the plan failed to provide any benefit when due under the plan?	**4l**		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	**4m**		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3	**4n**			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year? ☐ Yes ☒ No

If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2021

This Form is Open to Public Inspection.

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

A Name of plan
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**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

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

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

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

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

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

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

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

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

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

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

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

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment)	**14a**	
b The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14b**	
c The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

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

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

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

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

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

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

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

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

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

☐ Yes.

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

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

☐ No. Other. Provide explanation _____

FINANCIAL STATEMENTS AND SUPPLEMENTAL SCHEDULES

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

Amgen Retirement and Savings Plan

Audited Financial Statements
and Supplemental Schedules

Year Ended December 31, 2021

Contents

Report of Independent Auditors 1

Audited Financial Statements:

Statements of Net Assets Available for Benefits at December 31, 2021 and 2020 4

Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2021 5

Notes to Financial Statements 6

Supplemental Schedules:

Schedule of Assets (Held at End of Year) 13

Schedule of Assets (Acquired and Disposed of Within Year) 22

Schedule of Loans or Fixed Income Obligations in Default or Classified as Uncollectible 23

Schedule of Delinquent Participant Contributions 24

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, 2021 and 2020, and the related statement of changes in net assets available for benefits for the year ended December 31, 2021, and the related notes (collectively referred to as the "financial statements").

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

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

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

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

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the Plan, and determining that the Plan's transactions that are

presented and disclosed in the financial statements are in conformity with the Plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with GAAS, we:

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

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

Supplemental Schedules Required by ERISA

Our audits were conducted for the purpose of forming an opinion of the financial statements as a whole. The supplemental schedules of assets (held at end of year) and loans or fixed income obligations in default or classified as uncollectible as of December 31, 2021, and assets (acquired and disposed of within year) and delinquent participant contributions for the

year then ended, (referred to as the "supplemental schedules"), are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information 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 schedules, we evaluated whether the supplemental schedules, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the supplemental schedules 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

Los Angeles, California

June 23, 2022

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

	December 31,	
	2021	2020
Assets		
Investments at fair value	$ 6,436,111,194	$ 6,028,344,525
Investments in fully benefit-responsive investment contracts at contract value	714,985,494	678,722,325
Notes receivable from participants	30,628,567	33,228,057
Other – principally due from broker	4,502,530	9,187,314
Total assets	7,186,227,785	6,749,482,221
Liabilities		
Other – principally due to broker	6,957,185	8,741,768
Total liabilities	6,957,185	8,741,768
Net assets available for benefits	$ 7,179,270,600	$ 6,740,740,453

See accompanying notes.

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

	Year Ended December 31, 2021
Additions to (deductions from) net assets:	
Employer contributions	$ 192,549,554
Participant contributions	170,659,097
Rollover contributions	37,446,206
Interest and dividend income	44,783,341
Net realized/unrealized gains	637,968,589
Interest income on notes receivable from participants	1,527,815
Benefits paid	(633,334,430)
Investment and administrative fees	(13,070,025)
Net increase	438,530,147
Net assets available for benefits at beginning of year	6,740,740,453
Net assets available for benefits at end of year	$ 7,179,270,600

See accompanying notes.

Amgen Retirement and Savings Plan
Notes to Financial Statements
December 31, 2021

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 October 25, 2021. 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 $19,500 in 2021. Participant after-tax contributions are subject to IRS and Plan limitations and could not exceed a maximum of $9,500 in 2021. Unless an employee has voluntarily enrolled in the Plan or has declined to participate in the Plan within the first 30 days of employment, all newly eligible participants are automatically enrolled in the Plan, and contributions equal to 5% of their eligible compensation are withheld and contributed to the Plan as pre-tax contributions; such contributions are automatically increased by 1% per year until their contributions reach 10% of their eligible compensation. Participants may elect to adjust, cease or resume their Individual Contributions at any time.

Participants who are at least age 50 by the close of the Plan year may also elect to make certain additional Individual Contributions, referred to as catch-up contributions, that are subject to IRS and Plan limitations and could not exceed $6,500 in 2021. 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 other retirement plans qualified in the United States or certain individual retirement accounts (IRAs), referred to as rollover contributions (as defined in the Plan). In addition, eligible participants that received coronavirus-related distributions from the Plan, as discussed below, or any other plan, may make contributions to the Plan during a specified period in an aggregate amount not to exceed such coronavirus-related distributions; these contributions will be treated in the same manner as rollover contributions.

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 $14,500 in 2021. 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 $14,500 in 2021.

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.

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.

Certain restrictions apply to withdrawals from the Plan while a participant continues to be employed by the Company, including coronavirus-related withdrawals, which were permitted under the Coronavirus Aid, Relief and Economic Security Act (CARES Act) enacted on March 27, 2020. In response to the CARES Act, the Plan voluntarily made a number of modifications related to withdrawals. The Plan adopted only those provisions of the CARES Act that (a) permitted participants who turned 70½ or older in 2019 to waive the requirement to take a minimum distribution in 2020 and (b) allowed qualified participants to take tax-favored distributions of up to $100,000, repayable if desired by the participant in three years, for qualifying coronavirus-related reasons through December 30, 2020.

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 residence for which the term of the loan may be up to 20 years. Principal and interest payments are allocated to the participant's account.

Plan Termination

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

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, 2021 and 2020, 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 is 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,	
	2021	**2020**
Synthetic investment contracts	$ 533,077,342	$ 501,806,073
Insurance separate accounts contract	181,908,152	176,916,252
Total fully benefit-responsive investment contracts	$ 714,985,494	$ 678,722,325

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.

3. Fair Value Measurements

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

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

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

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

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

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

	Fair value measurements at December 31, 2021, using			
	Quoted prices in active markets for identical assets (Level 1)	**Significant other observable inputs (Level 2)**	**Significant unobservable inputs (Level 3)**	**Total**
Amgen stock	$ 331,811,884	$ —	$ —	$ 331,811,884
Cash and cash equivalents	49,649,048	—	—	49,649,048
Collective trust funds	—	3,643,993,561	—	3,643,993,561
Common and preferred stocks	1,546,823,788	—	—	1,546,823,788
Debt securities	—	4,828	—	4,828
Mutual funds	81,887,302	—	—	81,887,302
Self-directed brokerage accounts	780,896,567	1,044,216	—	781,940,783
Total investments at fair value	$ 2,791,068,589	$3,645,042,605	$ —	$6,436,111,194

	Fair value measurements at December 31, 2020, using			
	Quoted prices in active markets for identical assets (Level 1)	Significant other observable inputs (Level 2)	Significant unobservable inputs (Level 3)	Total
Amgen stock	$ 352,404,662	$ —	$ —	$ 352,404,662
Cash and cash equivalents	32,090,680	—	—	32,090,680
Collective trust funds	—	3,654,353,052	—	3,654,353,052
Common and preferred stocks	1,259,896,607	—	—	1,259,896,607
Debt securities	59	4,969	—	5,028
Mutual funds	92,035,145	—	—	92,035,145
Self-directed brokerage accounts	636,454,755	1,104,596	—	637,559,351
Total investments at fair value	$2,372,881,908	$3,655,462,617	$ —	$6,028,344,525

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.

Debt securities are valued by taking into consideration valuations obtained from third-party pricing services. The pricing services use industry-standard valuation models, including both income- and market-based approaches, for which all significant inputs are observable either directly or indirectly to estimate fair value. The inputs include reported trades of and broker-dealer quotes on the same or similar securities; issuer credit spreads; benchmark securities; and other observable inputs.

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 five 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.

6. Reconciliation of Financial Statements to the Form 5500

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

	December 31,	
	2021	2020
Net assets available for benefits per the financial statements	$ 7,179,270,600	$ 6,740,740,453
Adjustment to fair value for fully benefit-responsive investment contracts	2,393,677	17,810,584
Amounts allocated to withdrawing participants	(3,044,375)	(2,432,934)
Deemed loans	(384,631)	(337,488)
Net assets per the Form 5500	$ 7,178,235,271	$ 6,755,780,615

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

	Year Ended December 31, 2021
Interest and dividend income	$ 44,783,341
Net realized/unrealized gains	637,968,589
Net investment income per the financial statements	682,751,930
Adjustment from fair value to contract value for fully benefit-responsive investment contracts:	
Less prior-year adjustment	(17,810,584)
Add current-year adjustment	2,393,677
Total net investment gain per the Form 5500	$ 667,335,023

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

	Year Ended December 31, 2021
Benefits paid	$ (633,334,430)
Investment and administrative fees	(13,070,025)
Total expenses per the financial statements	(646,404,455)
Amounts allocated to withdrawing participants at December 31, 2020	2,432,934
Amounts allocated to withdrawing participants at December 31, 2021	(3,044,375)
Deemed loans at December 31, 2020	337,488
Deemed loans at December 31, 2021	(384,631)
Total expenses per the Form 5500	$ (647,063,039)

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan: #001
As of December 31, 2021
Schedule H, line 4i – Schedule of Assets (Held at End of Year)

Identity of Issue	Description of Investment	Current Value	
Amgen stock*	Employer Securities 1,474,916 shares	$ 331,811,884	
			$ 331,811,884
Capital Preservation Asset Class:			
Wells Fargo Fixed Income Fund L*	Collective Trust Fund 21,790,625 units	317,243,168	
Wells Fargo Fixed Income Fund F*	Collective Trust Fund 14,014,530 units	217,778,788	
Metropolitan Life Contract*	Insurance Separate Accounts Investment Contract 1,460,908 units	182,357,216	
NT Collective Short Term Investment Fund*	Collective Trust Fund 51,299,735 units	51,299,735	
Wells Fargo BlackRock Short Term Investment Fund S*	Collective Trust Fund 37,867,822 units	37,870,238	
Wrapper Contracts		—	
Total Capital Preservation Asset Class			806,549,145
Fixed Income Asset Class:			
MetLife Core Plus Collective Fund*	Collective Trust Fund 16,606,811 units	179,851,763	
Wellington Core Bond Plus Portfolio Collective Investment Trust II*	Collective Trust Fund 13,448,169 units	179,129,606	
Schroder Global Strategic Bond Trust Class W*	Collective Trust Fund 4,557,016 units	46,390,419	
Putnam Absolute Return Fixed Income Fund*	Collective Trust Fund 604,008 units	44,835,509	
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 114,177 units	18,437,263	
Banc America Alternative Loan Trust Series 2004-6 Class 4A 15.0% Due 10-25-2048*	Corporate Bond 2,439 units	2,605	
Interest Bearing Cash	Cash and Cash Equivalents 2,022 units	2,022	
GMAC Mortgage Loan Trust 2003/J10 4.75% Due 01/25/2019	Corporate Bond 1,396 units	1,370	
Kaupthing Bank HF 02/28/2020 In Default	Corporate Bond 310,000 units	775	
Total Fixed Income Asset Class			468,651,332
Fixed Income Index Asset Class:			
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 6,207,694 units	1,002,418,500	
Total Fixed Income Index Asset Class			1,002,418,500
U.S. Equity Asset Class:			
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 1,445,032 units	106,413,582	
Amazon Inc.	Common and Preferred Stock 14,229 shares	47,444,324	
Interest Bearing Cash	Cash and Cash Equivalents 46,095,892 units	46,095,892	
Visa Inc. Class A	Common and Preferred Stock 192,841 shares	41,790,573	
Facebook, Inc.	Common and Preferred Stock 100,657 shares	33,855,982	
Microsoft Corporation	Common and Preferred Stock 72,522 shares	24,390,599	

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

Identity of Issue	Description of Investment	Current Value
Netflix, Inc.	Common and Preferred Stock 40,368 shares	24,319,298
Intuit	Common and Preferred Stock 29,977 shares	19,281,806
Mastercard Inc. Class A	Common and Preferred Stock 52,567 shares	18,888,374
TransDigm Group Inc.	Common and Preferred Stock 28,227 shares	17,960,276
CoStar Group Inc.	Common and Preferred Stock 222,683 shares	17,598,637
Applovin Corporation Class A	Common and Preferred Stock 185,944 shares	17,527,081
Sea Limited	Common and Preferred Stock 70,697 shares	15,815,626
Match Group Inc.	Common and Preferred Stock 117,282 shares	15,510,545
Heico Corporation Class A	Common and Preferred Stock 117,615 shares	15,115,880
ServiceNow, Inc.	Common and Preferred Stock 23,115 shares	15,004,178
Applied Materials Inc.	Common and Preferred Stock 95,000 shares	14,949,200
Wayfair Inc. Class A	Common and Preferred Stock 71,787 shares	13,637,376
NT Collective Short Term Investment Fund*	Collective Trust Fund 13,626,293 units	13,626,293
UnitedHealth Group Inc.	Common and Preferred Stock 27,040 shares	13,577,866
Lam Research Corporation	Common and Preferred Stock 18,761 shares	13,491,973
Qorvo, Inc.	Common and Preferred Stock 81,870 shares	12,803,649
KKR & Company Inc. Class A	Common and Preferred Stock 169,936 shares	12,660,232
Skyworks Solutions Inc	Common and Preferred Stock 80,902 shares	12,551,136
Salesforce.com Inc.	Common and Preferred Stock 49,096 shares	12,476,766
The Carlyle Group Inc.	Common and Preferred Stock 223,234 shares	12,255,547
Alphabet Inc.	Common and Preferred Stock 4,132 shares	11,956,314
STERIS plc	Common and Preferred Stock 49,063 shares	11,942,425
American International Group Inc.	Common and Preferred Stock 209,643 shares	11,920,301
Upstart Holdings Inc.	Common and Preferred Stock 78,150 shares	11,824,095
Square Inc Class A	Common and Preferred Stock 71,988 shares	11,626,782
Wells Fargo & Company*	Common and Preferred Stock 239,853 shares	11,508,147
Ball Corporation	Common and Preferred Stock 116,875 shares	11,251,556
General Electric	Common and Preferred Stock 117,048 shares	11,057,525
Workday Inc. Class A	Common and Preferred Stock 39,417 shares	10,767,936
Skechers USA Inc. Class A	Common and Preferred Stock 245,480 shares	10,653,832
Danaher Corporation	Common and Preferred Stock 32,341 shares	10,640,512
Entegris Inc.	Common and Preferred Stock 75,676 shares	10,487,180
NRG Energy Inc.	Common and Preferred Stock 241,511 shares	10,404,294
Lear Corporation	Common and Preferred Stock 55,702 shares	10,190,681
Splunk Inc.	Common and Preferred Stock 87,659 shares	10,143,899
Charles River Laboratories International Inc.	Common and Preferred Stock 26,467 shares	9,972,236
Clean Harbors Inc.	Common and Preferred Stock 98,224 shares	9,799,808
Alphabet Inc. Class C	Common and Preferred Stock 3,386 shares	9,797,696
Catalent Inc.	Common and Preferred Stock 76,157 shares	9,750,381
Yum! Brands Inc.	Common and Preferred Stock 69,352 shares	9,630,219

Identity of Issue	Description of Investment	Current Value
salesforce.com, inc.	Common and Preferred Stock 37,746 shares	9,592,391
Cognizant Technology Solutions Corporation Class A	Common and Preferred Stock 105,133 shares	9,327,400
Thermo Fisher Corporation	Common and Preferred Stock 13,781 shares	9,195,234
Paypal Holdings Inc.	Common and Preferred Stock 48,661 shares	9,176,491
Wabtec Corporation	Common and Preferred Stock 97,404 shares	8,971,882
Twilio Inc. Class A	Common and Preferred Stock 34,006 shares	8,955,140
Edison International	Common and Preferred Stock 131,133 shares	8,949,827
Uber Technologies Inc.	Common and Preferred Stock 208,325 shares	8,735,067
Waste Connections Inc.	Common and Preferred Stock 63,754 shares	8,687,758
Synopsys Inc.	Common and Preferred Stock 23,498 shares	8,659,013
Abbott Lab	Common and Preferred Stock 61,488 shares	8,653,821
Equinix Inc.	Common and Preferred Stock 10,222 shares	8,646,176
Autodesk Inc.	Common and Preferred Stock 30,639 shares	8,615,380
IHS Markit Limited	Common and Preferred Stock 63,319 shares	8,416,361
Citigroup Inc.	Common and Preferred Stock 139,168 shares	8,404,356
Walt Disney Company	Common and Preferred Stock 53,452 shares	8,279,180
Atlassian Corporation PLC Class A	Common and Preferred Stock 21,034 shares	8,020,054
Regeneron Pharmaceuticals, Inc.	Common and Preferred Stock 12,651 shares	7,989,360
MSCI Inc.	Common and Preferred Stock 12,717 shares	7,791,579
Nvidia Corporation	Common and Preferred Stock 26,280 shares	7,729,211
Henry Schein Inc.	Common and Preferred Stock 97,351 shares	7,547,623
Ametek Inc.	Common and Preferred Stock 51,281 shares	7,540,358
Align Technology, Inc.	Common and Preferred Stock 11,329 shares	7,445,192
FleetCor Technologies, Inc.	Common and Preferred Stock 33,053 shares	7,398,584
Newell Brands Inc.	Common and Preferred Stock 334,971 shares	7,315,767
Shopify Inc	Common and Preferred Stock 5,260 shares	7,245,071
Equitable Holdings Inc.	Common and Preferred Stock 220,932 shares	7,244,360
Western Alliance Bancorporation	Common and Preferred Stock 65,594 shares	7,061,194
Amphenol Corporation Class A	Common and Preferred Stock 80,122 shares	7,007,470
MetLife Inc.*	Common and Preferred Stock 111,292 shares	6,954,637
FMC Corporation	Common and Preferred Stock 62,937 shares	6,916,147
Baker Hughes Company	Common and Preferred Stock 285,320 shares	6,864,799
American Express Company	Common and Preferred Stock 41,593 shares	6,804,615
Halliburton Company	Common and Preferred Stock 292,700 shares	6,694,049
Merit Medical Systems Inc.	Common and Preferred Stock 107,250 shares	6,681,675
UGI Corporation	Common and Preferred Stock 143,440 shares	6,585,330
Halozyme Therapeutics Inc.	Common and Preferred Stock 163,603 shares	6,578,477
PVH Corporation	Common and Preferred Stock 61,570 shares	6,566,441
Zoetis Inc. Class A	Common and Preferred Stock 26,840 shares	6,549,765
Sensata Technologies BV Holding	Common and Preferred Stock 105,381 shares	6,500,954
Intuitive Surgical, Inc.	Common and Preferred Stock 17,853 shares	6,414,583
DEX Inc.	Common and Preferred Stock 11,824 shares	6,348,897

Identity of Issue	Description of Investment	Current Value
Huntington Bancshares Inc.	Common and Preferred Stock 405,224 shares	6,248,554
Gildan Activewear Inc.	Common and Preferred Stock 144,706 shares	6,134,087
Dow Inc.	Common and Preferred Stock 107,301 shares	6,086,113
Matson Inc.	Common and Preferred Stock 67,372 shares	6,065,501
Charter Communications, Inc. Class A	Common and Preferred Stock 8,952 shares	5,836,435
Linde PLC	Common and Preferred Stock 16,825 shares	5,828,685
J2 Global Inc.	Common and Preferred Stock 52,238 shares	5,791,105
Amdocs Limited	Common and Preferred Stock 75,138 shares	5,623,328
LKQ Corporation	Common and Preferred Stock 93,108 shares	5,589,273
Illumina, Inc.	Common and Preferred Stock 14,680 shares	5,584,859
Hewlett Packard Enterprise Company	Common and Preferred Stock 353,520 shares	5,575,010
On Semiconductor Corporation	Common and Preferred Stock 81,350 shares	5,525,292
Voya Financial Inc.	Common and Preferred Stock 82,772 shares	5,488,611
McKesson Corporation	Common and Preferred Stock 21,635 shares	5,377,812
Snowflake Inc. Class A	Common and Preferred Stock 15,875 shares	5,377,656
Mohawk Industries Inc.	Common and Preferred Stock 29,477 shares	5,370,120
Trinet Group Inc.	Common and Preferred Stock 56,279 shares	5,361,138
Capital One Financial Corporation	Common and Preferred Stock 36,776 shares	5,335,830
Floor & Decor Holdings Inc.	Common and Preferred Stock 40,408 shares	5,253,444
RingCentral, Inc. Class A	Common and Preferred Stock 28,035 shares	5,252,357
Edwards Lifesciences Corporation	Common and Preferred Stock 40,146 shares	5,200,914
Axis Capital Holdings Limited	Common and Preferred Stock 95,172 shares	5,184,019
Fresenius Medical Care	Common and Preferred Stock 156,997 shares	5,096,123
IDEX Corporation	Common and Preferred Stock 21,408 shares	5,059,139
Sally Beauty Holdings Inc.	Common and Preferred Stock 272,188 shares	5,024,590
Brown & Brown Inc.	Common and Preferred Stock 70,006 shares	4,920,022
Warner Music Group Corporation Class A	Common and Preferred Stock 113,275 shares	4,891,215
DoorDash Inc. Class A	Common and Preferred Stock 32,080 shares	4,776,712
Sarepta Therapeutics Inc.	Common and Preferred Stock 52,331 shares	4,712,407
Ritchie Bros. Auctioneers Inc.	Common and Preferred Stock 75,480 shares	4,620,131
JP Morgan Chase & Company*	Common and Preferred Stock 29,161 shares	4,617,644
Frontdoor Inc.	Common and Preferred Stock 122,929 shares	4,505,348
Euronet Worldwide Inc.	Common and Preferred Stock 37,558 shares	4,475,787
Keysight Technologies Inc.	Common and Preferred Stock 21,490 shares	4,437,900
Ingredion Inc.	Common and Preferred Stock 45,780 shares	4,424,179
C.H. Robinson Worldwide Inc.	Common and Preferred Stock 40,775 shares	4,388,613
NOV Inc.	Common and Preferred Stock 322,722 shares	4,372,883
Exxon Mobil Corporation	Common and Preferred Stock 71,323 shares	4,364,254
BWX Technologies Inc.	Common and Preferred Stock 90,780 shares	4,346,546
Goldman Sachs Group Inc.	Common and Preferred Stock 11,223 shares	4,293,359
KAR Auction Services Inc.	Common and Preferred Stock 265,850 shares	4,152,577
Airbnb Inc. Class A	Common and Preferred Stock 24,567 shares	4,090,160
Hanesbrands Inc.	Common and Preferred Stock 243,963 shares	4,079,061
Belden Inc.	Common and Preferred Stock 60,843 shares	3,999,210

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

Identity of Issue	Description of Investment	Current Value
National Retail Properties Inc.	Common and Preferred Stock 83,009 shares	3,990,243
Generac Holdings Inc.	Common and Preferred Stock 11,272 shares	3,966,842
Zendesk Inc.	Common and Preferred Stock 37,765 shares	3,938,512
Helen Trustoy Limited	Common and Preferred Stock 15,815 shares	3,866,293
Middleby Corporation	Common and Preferred Stock 19,340 shares	3,805,338
First American Financial Corporation	Common and Preferred Stock 48,574 shares	3,799,944
Woodward Inc.	Common and Preferred Stock 33,902 shares	3,710,913
Cabot Corporation	Common and Preferred Stock 65,262 shares	3,667,724
UBS Group AG	Common and Preferred Stock 204,946 shares	3,662,385
Syneos Health Inc.	Common and Preferred Stock 35,181 shares	3,612,385
Textron Inc.	Common and Preferred Stock 46,550 shares	3,593,660
Carter Inc.	Common and Preferred Stock 34,511 shares	3,493,203
New Relic Inc.	Common and Preferred Stock 30,576 shares	3,362,137
Bank of America Corporation*	Common and Preferred Stock 75,004 shares	3,336,928
ASGN Inc.	Common and Preferred Stock 26,757 shares	3,301,814
MACOM Technology Solutions Holdings Inc.	Common and Preferred Stock 41,927 shares	3,282,884
FTI Consulting Inc.	Common and Preferred Stock 21,320 shares	3,270,914
Trimble Inc.	Common and Preferred Stock 37,506 shares	3,270,148
Pfizer Inc.	Common and Preferred Stock 55,126 shares	3,255,190
Tennant Company	Common and Preferred Stock 40,004 shares	3,241,924
Rogers Corporation	Common and Preferred Stock 11,834 shares	3,230,682
Copart Inc.	Common and Preferred Stock 21,019 shares	3,186,901
GlobalFoundries Inc.	Common and Preferred Stock 48,528 shares	3,152,864
ACV Auctions Inc. Class A	Common and Preferred Stock 163,687 shares	3,083,863
Quidel Corporation	Common and Preferred Stock 22,699 shares	3,064,138
Kirby Corporation	Common and Preferred Stock 51,105 shares	3,036,659
Dycom Industries Inc.	Common and Preferred Stock 31,731 shares	2,975,099
Royal Dutch Shell PLC	Common and Preferred Stock 67,749 shares	2,940,307
Grand Canyon Education Inc.	Common and Preferred Stock 34,288 shares	2,938,824
Prosperity Bancshares Inc.	Common and Preferred Stock 40,291 shares	2,913,039
Forward Air Corporation	Common and Preferred Stock 23,791 shares	2,880,852
Graco Inc.	Common and Preferred Stock 35,559 shares	2,866,767
8X8 Inc.	Common and Preferred Stock 170,204 shares	2,852,619
LPL Financial Holdings Inc.	Common and Preferred Stock 17,572 shares	2,813,101
HealthEquity Inc.	Common and Preferred Stock 63,397 shares	2,804,683
2U Inc.	Common and Preferred Stock 138,322 shares	2,776,123
Carvana Company Class A	Common and Preferred Stock 11,734 shares	2,719,824
Alleghany Corporation	Common and Preferred Stock 3,988 shares	2,662,349
Hologic Inc.	Common and Preferred Stock 34,175 shares	2,616,438
Momentive Global Inc.	Common and Preferred Stock 123,469 shares	2,611,369
Cloudflare Inc.	Common and Preferred Stock 19,762 shares	2,598,703
Cardinal Health, Inc.	Common and Preferred Stock 49,914 shares	2,570,072
Gartner Inc.	Common and Preferred Stock 7,686 shares	2,569,584
Acadia Healthcare Company Inc.	Common and Preferred Stock 42,158 shares	2,558,991
Mid-American Apartment Communities Inc.	Common and Preferred Stock 11,112 shares	2,549,537
BankUnited Inc.	Common and Preferred Stock 60,154 shares	2,545,116
Bottomline Technologies Inc.	Common and Preferred Stock 44,586 shares	2,517,771
SS&C Technologies Holdings Inc.	Common and Preferred Stock 30,611 shares	2,509,490
AerCap Holdings N.V.	Common and Preferred Stock 38,359 shares	2,509,446

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

Identity of Issue	Description of Investment	Current Value
Cenovus Energy Inc.	Common and Preferred Stock 203,926 shares	2,504,211
10X Genomics Inc. Class A	Common and Preferred Stock 16,632 shares	2,477,503
AMN Healthcare Services Inc.	Common and Preferred Stock 20,132 shares	2,462,748
Booking Holdings Inc.	Common and Preferred Stock 956 shares	2,293,664
National Bank Holdings Corporation Class A	Common and Preferred Stock 52,188 shares	2,293,141
Cohen & Steers Inc.	Common and Preferred Stock 24,628 shares	2,278,336
Advanced Energy Industries Inc.	Common and Preferred Stock 24,932 shares	2,270,308
Tronox Holdings PLC	Common and Preferred Stock 93,356 shares	2,243,345
Mednax Inc.	Common and Preferred Stock 82,285 shares	2,238,975
Chemed Corporation	Common and Preferred Stock 4,223 shares	2,234,136
ALLETE Inc.	Common and Preferred Stock 33,300 shares	2,209,455
Nasdaq Inc.	Common and Preferred Stock 10,520 shares	2,209,305
Itron Inc.	Common and Preferred Stock 31,646 shares	2,168,384
Signature Bank	Common and Preferred Stock 6,564 shares	2,123,257
Albany International Corporation Class A	Common and Preferred Stock 23,777 shares	2,103,076
Atmos Energy Corporation	Common and Preferred Stock 19,662 shares	2,059,988
ABM Industrials Inc.	Common and Preferred Stock 50,404 shares	2,059,003
Sotera Health Company	Common and Preferred Stock 86,525 shares	2,037,664
Harsco Corporation	Common and Preferred Stock 119,432 shares	1,995,709
ACI Worldwide Inc.	Common and Preferred Stock 57,430 shares	1,992,821
Carlisle Companies Inc.	Common and Preferred Stock 7,991 shares	1,982,727
Mimecast Limited	Common and Preferred Stock 24,684 shares	1,964,106
KBR, Inc.	Common and Preferred Stock 41,120 shares	1,958,134
Knowles Corporation	Common and Preferred Stock 83,420 shares	1,947,857
Veracyte Inc.	Common and Preferred Stock 47,260 shares	1,947,112
NCR Corporation	Common and Preferred Stock 48,308 shares	1,941,982
Bio-Techne Corporation	Common and Preferred Stock 3,749 shares	1,939,508
N-Able Technologies International Inc.	Common and Preferred Stock 166,860 shares	1,852,146
Aspen Technology Inc.	Common and Preferred Stock 12,162 shares	1,851,056
Markel Corporation Holding Company	Common and Preferred Stock 1,490 shares	1,838,660
Altra Industrial Motion Corporation	Common and Preferred Stock 35,331 shares	1,822,020
WisdomTree Investments Inc.	Common and Preferred Stock 296,463 shares	1,814,354
Fiverr International Limited	Common and Preferred Stock 15,882 shares	1,805,783
Monro Inc.	Common and Preferred Stock 30,940 shares	1,802,874
Barnes Group Inc.	Common and Preferred Stock 37,826 shares	1,762,313
AptarGroup Inc.	Common and Preferred Stock 14,315 shares	1,753,301
CarGurus Inc. Class A	Common and Preferred Stock 51,408 shares	1,729,365
Wolverine World Wide Inc.	Common and Preferred Stock 59,278 shares	1,707,799
Canada Goose Holdings Inc.	Common and Preferred Stock 46,015 shares	1,705,316
Omnicell Inc.	Common and Preferred Stock 9,304 shares	1,678,814
Hexcel Corporation	Common and Preferred Stock 31,854 shares	1,650,037
WillScot Mobile Mini Holdings Corporation	Common and Preferred Stock 40,354 shares	1,648,057
CareDx Inc.	Common and Preferred Stock 35,578 shares	1,618,087
Boston Properties Inc.	Common and Preferred Stock 14,011 shares	1,613,787
II-Vi Inc.	Common and Preferred Stock 23,504 shares	1,606,028
Herbalife Nutrition Limited	Common and Preferred Stock 39,004 shares	1,596,434
Graphic Packaging Holding Company	Common and Preferred Stock 81,825 shares	1,595,588
Smartsheet Inc. Class A	Common and Preferred Stock 20,499 shares	1,587,648
Kraton Corporation	Common and Preferred Stock 33,505 shares	1,551,954

Identity of Issue	Description of Investment	Current Value
PacWest Bancorp	Common and Preferred Stock 33,783 shares	1,525,978
ZipRecruiter Inc. Class A	Common and Preferred Stock 60,893 shares	1,518,671
Matthews International Corporation Class A	Common and Preferred Stock 41,315 shares	1,515,021
Under Armour Inc. Class C	Common and Preferred Stock 82,172 shares	1,482,383
Huron Consulting Group Inc.	Common and Preferred Stock 29,649 shares	1,479,485
Pacific Premier Bancorp Inc.	Common and Preferred Stock 36,368 shares	1,455,811
Tenable Holdings Inc.	Common and Preferred Stock 26,236 shares	1,444,817
Cimpress plc	Common and Preferred Stock 20,090 shares	1,438,645
Privia Health Group Inc.	Common and Preferred Stock 55,410 shares	1,433,457
Supernus Pharmaceuticals Inc.	Common and Preferred Stock 48,989 shares	1,428,519
Teledyne Technologies Inc.	Common and Preferred Stock 3,269 shares	1,428,193
IAA Spinco Inc.	Common and Preferred Stock 28,207 shares	1,427,838
Kodiak Sciences Inc.	Common and Preferred Stock 16,772 shares	1,421,930
Ciena Corporation	Common and Preferred Stock 18,365 shares	1,413,554
Prestige Consumer Healthcare Inc.	Common and Preferred Stock 22,938 shares	1,391,190
Sumo Logic Inc.	Common and Preferred Stock 102,451 shares	1,389,236
Knight-Swift Transportation Holdings Inc. Class A	Common and Preferred Stock 22,767 shares	1,387,421
Box Inc. Class A	Common and Preferred Stock 52,638 shares	1,378,589
Bank Ozk	Common and Preferred Stock 29,614 shares	1,377,939
Nu Skin Enterprises Inc. Class A	Common and Preferred Stock 27,012 shares	1,370,859
JBG SMITH Properties	Common and Preferred Stock 47,542 shares	1,364,931
SLR Investment Corporation	Common and Preferred Stock 73,775 shares	1,359,673
IPG Photonics Corporation	Common and Preferred Stock 7,893 shares	1,358,701
Diamondback Energy Inc.	Common and Preferred Stock 12,466 shares	1,344,458
Sportradar Group	Common and Preferred Stock 75,738 shares	1,330,717
Encompass Health Corporation	Common and Preferred Stock 20,220 shares	1,319,557
Range Resources Corporation	Common and Preferred Stock 72,997 shares	1,301,537
Anaplan Inc.	Common and Preferred Stock 28,078 shares	1,287,376
Mandiant Inc.	Common and Preferred Stock 72,539 shares	1,272,334
BRP Group Inc. Class A	Common and Preferred Stock 35,112 shares	1,267,894
Nevro Corporation	Common and Preferred Stock 15,219 shares	1,233,804
Texas Pacific Land Corporation	Common and Preferred Stock 978 shares	1,221,395
KnowBe4 Inc. Class A	Common and Preferred Stock 52,912 shares	1,213,801
Texas Capital Bancshares Inc.	Common and Preferred Stock 19,836 shares	1,195,119
Berkshire Hills Bancorp Inc.	Common and Preferred Stock 41,230 shares	1,172,169
Arvinas Inc.	Common and Preferred Stock 14,241 shares	1,169,756
Coherus BioSciences Inc.	Common and Preferred Stock 73,238 shares	1,168,878
Abiomed Inc.	Common and Preferred Stock 3,236 shares	1,162,274
Relay Therapeutics Inc.	Common and Preferred Stock 37,423 shares	1,149,260
AZZ Inc.	Common and Preferred Stock 20,736 shares	1,146,493
Fox Factory Holding Corporation	Common and Preferred Stock 6,632 shares	1,128,103
Sterling Check Corporation	Common and Preferred Stock 53,897 shares	1,105,427
Agios Pharmaceuticals Inc.	Common and Preferred Stock 33,477 shares	1,100,389
TreeHouse Foods Inc.	Common and Preferred Stock 26,684 shares	1,081,503
John Bean Technologies Corporation	Common and Preferred Stock 7,042 shares	1,081,370
Evercore Inc.	Common and Preferred Stock 7,954 shares	1,080,551
Alamos Gold Inc. Class A	Common and Preferred Stock 139,767 shares	1,074,808
World Wrestling Entertainment	Common and Preferred Stock 21,661 shares	1,068,754
Vroom Inc.	Common and Preferred Stock 98,021 shares	1,057,647
Cooper Companies Inc.	Common and Preferred Stock 2,482 shares	1,039,809

Identity of Issue	Description of Investment	Current Value	
Solarwinds Corporation	Common and Preferred Stock 71,697 shares	1,017,380	
Farfetch Limited Class A	Common and Preferred Stock 30,231 shares	1,010,622	
Heron Therapeutics Inc.	Common and Preferred Stock 110,570 shares	1,009,504	
Consensus Cloud Solutions Inc.	Common and Preferred Stock 17,412 shares	1,007,632	
Polaris Inc.	Common and Preferred Stock 9,154 shares	1,006,116	
C4 Therapeutics Inc.	Common and Preferred Stock 31,127 shares	1,002,289	
Shutterstock Inc.	Common and Preferred Stock 8,977 shares	995,370	
1-800-FLOWERS.COM Inc. Class A	Common and Preferred Stock 41,874 shares	978,595	
Albemarle Corporation	Common and Preferred Stock 4,184 shares	978,094	
SpringWorks Therapeutics Inc.	Common and Preferred Stock 15,422 shares	955,856	
Axogen Inc.	Common and Preferred Stock 101,418 shares	950,287	
Cal/Maine Foods Inc.	Common and Preferred Stock 24,349 shares	900,670	
Cano Health Inc. Class A	Common and Preferred Stock 100,183 shares	892,631	
iShares Core S&P Small-Cap ETF	Mutual Fund 7,631 units	873,826	
United Community Bank Blairsville Georgia	Common and Preferred Stock 23,216 shares	834,383	
Exact Sciences Corporation	Common and Preferred Stock 10,696 shares	832,470	
Designer Brands Inc. Class A	Common and Preferred Stock 58,536 shares	831,797	
KB Home	Common and Preferred Stock 18,474 shares	826,342	
NorthWestern Corp	Common and Preferred Stock 13,804 shares	789,037	
Heartland Express Inc.	Common and Preferred Stock 45,509 shares	765,461	
Flowserve Corporation	Common and Preferred Stock 24,786 shares	758,452	
Xperi Holding Corporation	Common and Preferred Stock 38,238 shares	723,081	
Mercury Systems Inc.	Common and Preferred Stock 13,074 shares	719,854	
Viking Therapeutics Inc.	Common and Preferred Stock 156,336 shares	719,146	
WSFS Financial Corporation	Common and Preferred Stock 14,312 shares	717,317	
Infinera Corporation	Common and Preferred Stock 73,824 shares	707,972	
CalAmp Corporation	Common and Preferred Stock 98,951 shares	698,594	
PetIQ Inc. Class A	Common and Preferred Stock 30,430 shares	691,065	
Silgan Holdings Inc.	Common and Preferred Stock 14,984 shares	641,915	
Banner Corporation	Common and Preferred Stock 10,265 shares	622,778	
iShares Russell Mid-Cap ETF	Mutual Fund 7,335 units	608,878	
Haemonetics Corporation	Common and Preferred Stock 11,201 shares	594,101	
Oceaneering International Inc.	Common and Preferred Stock 50,327 shares	569,198	
STAG Industrial Inc.	Common and Preferred Stock 11,201 shares	537,200	
NexTier Oilfield Solutions Inc.	Common and Preferred Stock 148,086 shares	525,705	
iShares Russell 2000 ETF	Mutual Fund 2,104 units	468,035	
Alight Inc. Class A	Common and Preferred Stock 39,442 shares	426,368	
eHealth Inc.	Common and Preferred Stock 16,236 shares	414,018	
J & J Snack Foods Corporation	Common and Preferred Stock 1,958 shares	309,286	
Talis Biomedical Corporation	Common and Preferred Stock 53,052 shares	212,739	
Total U.S. Equity Asset Class			1,714,872,738
U.S. Equity Index Asset Class:			
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 13,250,686 units	975,793,781	
Gaming & Leisure Properties Inc.	Common and Preferred Stock 155 shares	7,542	
CTO Realty Growth Inc.	Common and Preferred Stock 82 shares	5,036	
NT Collective Short Term Investment Fund*	Collective Trust Fund 235 units	234	

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

Identity of Issue	Description of Investment	Current Value	
Total U.S. Equity Index Asset Class			975,806,593
International Equity Class:			
Mawer International Equity Collective Investment Trust Class B*	Collective Trust Fund 7,906,966 units	142,493,012	
Polaris Capital Management Collective Investment Trust International Value Collective Fund*	Collective Trust Fund 11,549,975 units	136,685,875	
Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C*	Collective Trust Fund 7,951,753 units	110,131,779	
Wilmington Trust Collective Investment Trust / Jennison International Equity Opportunities CIT Class J*	Collective Trust Fund 6,849,549 units	83,701,490	
Dodge & Cox International Fund	Mutual Fund 1,690,348 units	79,936,563	
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending*	Collective Trust Fund 204,987 units	44,875,034	
Interest Bearing Cash	Cash and Cash Equivalents 8,482 units	8,482	
Total International Equity Asset Class			597,832,235
International Equity Index Asset Class:			
NT Collective All Country World Index (ACWI) Ex/US Fund / Non Lending*	Collective Trust Fund 2,349,363 units	469,637,570	
BlackRock FTSE RAFI Emerging Index Non Lendable Fund F*	Collective Trust Fund 21,268 units	98,297	
Total International Equity Index Asset Class			469,735,867
Participant Self-Directed Accounts	Various Investments	781,940,783	
			781,940,783
Notes Receivable from Participants*	Interest Rate 4.25% - 9.25%	30,243,936	
			30,243,936
Other:			
BIF Money Fund*	Cash and Cash Equivalents 3,043,753 units	3,043,753	
Vanguard Federal Money Market	Cash and Cash Equivalents 498,898 units	498,898	
NT Collective Short Term Investment Fund*	Collective Trust Fund 303,581 units	303,581	
Exide Technologies	Common and Preferred Stock 35,683 shares	24,978	
Exide Technologies 144A 11.0% Due 05/24/2017	Corporate Bond 9,077 units	78	
Total Other			3,871,288
Grand Total			$ 7,183,734,301

* Indicates party-in-interest

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan: #001
Year Ended December 31, 2021
Schedule H, line 4i – Schedule of Assets (Acquired and Disposed of Within Year)

Identity of Issue	Description of Investment	Proceeds from Dispositions
Participant Self-Directed Brokerage Accounts	Various Investments	$ 33,444

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan Number: #001
As of December 31, 2021
Schedule G, Part 1 – Schedule of Loans or Fixed Income Obligations in Default or Classified as Uncollectible

Identity of obligor	Original amount of loan (cost of security)	Unpaid balance at end of year (fair value of security)	Detailed description of loan including dates of making and maturity, interest rate, the type and value of collateral, any renegotiation of the loan and the terms of the renegotiation and other material items (description of fixed income obligation)	Amount of principal overdue	Amount of interest overdue
Kaupthing Bank	$ 183,033	$ 775	Corporate Bonds 310,000 units due 2/28/2020	$ 310,000	$ —

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan Number: #001
Year Ended December 31, 2021
Schedule H, line 4a — Schedule of Delinquent Participant Contributions

Participant Contributions Transferred Late to Plan	Total that Constitute Nonexempt Prohibited Transactions			
Check Here if Late Participant Loan Repayments are Included: ☐	Contributions Not Corrected	Contributions Corrected Outside VFCP[1]	Contributions Pending Corrections in VFCP[1]	Total Fully Corrected Under VFCP[1] and PTE[2] 2002-51
$ 17,793	$ —	$ 17,793	$ —	$ —

Note: In 2021, the Company failed to timely remit certain participant contribution deferrals in accordance with Department of Labor regulations. The Company has calculated and remitted lost earnings with respect to such deferrals and is in the process of filing Form 5330, "Return of Excise Taxes Related to Employee Benefit Plans."

[1]Voluntary Fiduciary Correction Program
[2]Prohibited Transaction Exemption

Supplemental Schedule
Amgen Retirement and Savings Plan
EIN: 95-3540776 Plan: #001
As of December 31, 2021
Schedule H, line 4i – Schedule of Assets (Held at End of Year)

Identity of Issue	Description of Investment	Current Value	
Amgen stock*	Employer Securities 1,474,916 shares	$ 331,811,884	
			$ 331,811,884
Capital Preservation Asset Class:			
Wells Fargo Fixed Income Fund L*	Collective Trust Fund 21,790,625 units	317,243,168	
Wells Fargo Fixed Income Fund F*	Collective Trust Fund 14,014,530 units	217,778,788	
Metropolitan Life Contract*	Insurance Separate Accounts Investment Contract 1,460,908 units	182,357,216	
NT Collective Short Term Investment Fund*	Collective Trust Fund 51,299,735 units	51,299,735	
Wells Fargo BlackRock Short Term Investment Fund S*	Collective Trust Fund 37,867,822 units	37,870,238	
Wrapper Contracts		—	
Total Capital Preservation Asset Class			806,549,145
Fixed Income Asset Class:			
MetLife Core Plus Collective Fund*	Collective Trust Fund 16,606,811 units	179,851,763	
Wellington Core Bond Plus Portfolio Collective Investment Trust II*	Collective Trust Fund 13,448,169 units	179,129,606	
Schroder Global Strategic Bond Trust Class W*	Collective Trust Fund 4,557,016 units	46,390,419	
Putnam Absolute Return Fixed Income Fund*	Collective Trust Fund 604,008 units	44,835,509	
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 114,177 units	18,437,263	
Banc America Alternative Loan Trust Series 2004-6 Class 4A 15.0% Due 10-25-2048*	Corporate Bond 2,439 units	2,605	
Interest Bearing Cash	Cash and Cash Equivalents 2,022 units	2,022	
GMAC Mortgage Loan Trust 2003/J10 4.75% Due 01/25/2019	Corporate Bond 1,396 units	1,370	
Kaupthing Bank HF 02/28/2020 In Default	Corporate Bond 310,000 units	775	
Total Fixed Income Asset Class			468,651,332
Fixed Income Index Asset Class:			
NT Collective Aggregate Bond Index Fund / Non Lending*	Collective Trust Fund 6,207,694 units	1,002,418,500	
Total Fixed Income Index Asset Class			1,002,418,500
U.S. Equity Asset Class:			
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 1,445,032 units	106,413,582	
Amazon Inc.	Common and Preferred Stock 14,229 shares	47,444,324	
Interest Bearing Cash	Cash and Cash Equivalents 46,095,892 units	46,095,892	
Visa Inc. Class A	Common and Preferred Stock 192,841 shares	41,790,573	
Facebook, Inc.	Common and Preferred Stock 100,657 shares	33,855,982	
Microsoft Corporation	Common and Preferred Stock 72,522 shares	24,390,599	

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

Identity of Issue	Description of Investment	Current Value
Netflix, Inc.	Common and Preferred Stock 40,368 shares	24,319,298
Intuit	Common and Preferred Stock 29,977 shares	19,281,806
Mastercard Inc. Class A	Common and Preferred Stock 52,567 shares	18,888,374
TransDigm Group Inc.	Common and Preferred Stock 28,227 shares	17,960,276
CoStar Group Inc.	Common and Preferred Stock 222,683 shares	17,598,637
Applovin Corporation Class A	Common and Preferred Stock 185,944 shares	17,527,081
Sea Limited	Common and Preferred Stock 70,697 shares	15,815,626
Match Group Inc.	Common and Preferred Stock 117,282 shares	15,510,545
Heico Corporation Class A	Common and Preferred Stock 117,615 shares	15,115,880
ServiceNow, Inc.	Common and Preferred Stock 23,115 shares	15,004,178
Applied Materials Inc.	Common and Preferred Stock 95,000 shares	14,949,200
Wayfair Inc. Class A	Common and Preferred Stock 71,787 shares	13,637,376
NT Collective Short Term Investment Fund*	Collective Trust Fund 13,626,293 units	13,626,293
UnitedHealth Group Inc.	Common and Preferred Stock 27,040 shares	13,577,866
Lam Research Corporation	Common and Preferred Stock 18,761 shares	13,491,973
Qorvo, Inc.	Common and Preferred Stock 81,870 shares	12,803,649
KKR & Company Inc. Class A	Common and Preferred Stock 169,936 shares	12,660,232
Skyworks Solutions Inc	Common and Preferred Stock 80,902 shares	12,551,136
Salesforce.com Inc.	Common and Preferred Stock 49,096 shares	12,476,766
The Carlyle Group Inc.	Common and Preferred Stock 223,234 shares	12,255,547
Alphabet Inc.	Common and Preferred Stock 4,132 shares	11,956,314
STERIS plc	Common and Preferred Stock 49,063 shares	11,942,425
American International Group Inc.	Common and Preferred Stock 209,643 shares	11,920,301
Upstart Holdings Inc.	Common and Preferred Stock 78,150 shares	11,824,095
Square Inc Class A	Common and Preferred Stock 71,988 shares	11,626,782
Wells Fargo & Company*	Common and Preferred Stock 239,853 shares	11,508,147
Ball Corporation	Common and Preferred Stock 116,875 shares	11,251,556
General Electric	Common and Preferred Stock 117,048 shares	11,057,525
Workday Inc. Class A	Common and Preferred Stock 39,417 shares	10,767,936
Skechers USA Inc. Class A	Common and Preferred Stock 245,480 shares	10,653,832
Danaher Corporation	Common and Preferred Stock 32,341 shares	10,640,512
Entegris Inc.	Common and Preferred Stock 75,676 shares	10,487,180
NRG Energy Inc.	Common and Preferred Stock 241,511 shares	10,404,294
Lear Corporation	Common and Preferred Stock 55,702 shares	10,190,681
Splunk Inc.	Common and Preferred Stock 87,659 shares	10,143,899
Charles River Laboratories International Inc.	Common and Preferred Stock 26,467 shares	9,972,236
Clean Harbors Inc.	Common and Preferred Stock 98,224 shares	9,799,808
Alphabet Inc. Class C	Common and Preferred Stock 3,386 shares	9,797,696
Catalent Inc.	Common and Preferred Stock 76,157 shares	9,750,381
Yum! Brands Inc.	Common and Preferred Stock 69,352 shares	9,630,219

Identity of Issue	Description of Investment	Current Value
salesforce.com, inc.	Common and Preferred Stock 37,746 shares	9,592,391
Cognizant Technology Solutions Corporation Class A	Common and Preferred Stock 105,133 shares	9,327,400
Thermo Fisher Corporation	Common and Preferred Stock 13,781 shares	9,195,234
Paypal Holdings Inc.	Common and Preferred Stock 48,661 shares	9,176,491
Wabtec Corporation	Common and Preferred Stock 97,404 shares	8,971,882
Twilio Inc. Class A	Common and Preferred Stock 34,006 shares	8,955,140
Edison International	Common and Preferred Stock 131,133 shares	8,949,827
Uber Technologies Inc.	Common and Preferred Stock 208,325 shares	8,735,067
Waste Connections Inc.	Common and Preferred Stock 63,754 shares	8,687,758
Synopsys Inc.	Common and Preferred Stock 23,498 shares	8,659,013
Abbott Lab	Common and Preferred Stock 61,488 shares	8,653,821
Equinix Inc.	Common and Preferred Stock 10,222 shares	8,646,176
Autodesk Inc.	Common and Preferred Stock 30,639 shares	8,615,380
IHS Markit Limited	Common and Preferred Stock 63,319 shares	8,416,361
Citigroup Inc.	Common and Preferred Stock 139,168 shares	8,404,356
Walt Disney Company	Common and Preferred Stock 53,452 shares	8,279,180
Atlassian Corporation PLC Class A	Common and Preferred Stock 21,034 shares	8,020,054
Regeneron Pharmaceuticals, Inc.	Common and Preferred Stock 12,651 shares	7,989,360
MSCI Inc.	Common and Preferred Stock 12,717 shares	7,791,579
Nvidia Corporation	Common and Preferred Stock 26,280 shares	7,729,211
Henry Schein Inc.	Common and Preferred Stock 97,351 shares	7,547,623
Ametek Inc.	Common and Preferred Stock 51,281 shares	7,540,358
Align Technology, Inc.	Common and Preferred Stock 11,329 shares	7,445,192
FleetCor Technologies, Inc.	Common and Preferred Stock 33,053 shares	7,398,584
Newell Brands Inc.	Common and Preferred Stock 334,971 shares	7,315,767
Shopify Inc	Common and Preferred Stock 5,260 shares	7,245,071
Equitable Holdings Inc.	Common and Preferred Stock 220,932 shares	7,244,360
Western Alliance Bancorporation	Common and Preferred Stock 65,594 shares	7,061,194
Amphenol Corporation Class A	Common and Preferred Stock 80,122 shares	7,007,470
MetLife Inc.*	Common and Preferred Stock 111,292 shares	6,954,637
FMC Corporation	Common and Preferred Stock 62,937 shares	6,916,147
Baker Hughes Company	Common and Preferred Stock 285,320 shares	6,864,799
American Express Company	Common and Preferred Stock 41,593 shares	6,804,615
Halliburton Company	Common and Preferred Stock 292,700 shares	6,694,049
Merit Medical Systems Inc.	Common and Preferred Stock 107,250 shares	6,681,675
UGI Corporation	Common and Preferred Stock 143,440 shares	6,585,330
Halozyme Therapeutics Inc.	Common and Preferred Stock 163,603 shares	6,578,477
PVH Corporation	Common and Preferred Stock 61,570 shares	6,566,441
Zoetis Inc. Class A	Common and Preferred Stock 26,840 shares	6,549,765
Sensata Technologies BV Holding	Common and Preferred Stock 105,381 shares	6,500,954
Intuitive Surgical, Inc.	Common and Preferred Stock 17,853 shares	6,414,583
DEX Inc.	Common and Preferred Stock 11,824 shares	6,348,897

Identity of Issue	Description of Investment	Current Value
Huntington Bancshares Inc.	Common and Preferred Stock 405,224 shares	6,248,554
Gildan Activewear Inc.	Common and Preferred Stock 144,706 shares	6,134,087
Dow Inc.	Common and Preferred Stock 107,301 shares	6,086,113
Matson Inc.	Common and Preferred Stock 67,372 shares	6,065,501
Charter Communications, Inc. Class A	Common and Preferred Stock 8,952 shares	5,836,435
Linde PLC	Common and Preferred Stock 16,825 shares	5,828,685
J2 Global Inc.	Common and Preferred Stock 52,238 shares	5,791,105
Amdocs Limited	Common and Preferred Stock 75,138 shares	5,623,328
LKQ Corporation	Common and Preferred Stock 93,108 shares	5,589,273
Illumina, Inc.	Common and Preferred Stock 14,680 shares	5,584,859
Hewlett Packard Enterprise Company	Common and Preferred Stock 353,520 shares	5,575,010
On Semiconductor Corporation	Common and Preferred Stock 81,350 shares	5,525,292
Voya Financial Inc.	Common and Preferred Stock 82,772 shares	5,488,611
McKesson Corporation	Common and Preferred Stock 21,635 shares	5,377,812
Snowflake Inc. Class A	Common and Preferred Stock 15,875 shares	5,377,656
Mohawk Industries Inc.	Common and Preferred Stock 29,477 shares	5,370,120
Trinet Group Inc.	Common and Preferred Stock 56,279 shares	5,361,138
Capital One Financial Corporation	Common and Preferred Stock 36,776 shares	5,335,830
Floor & Decor Holdings Inc.	Common and Preferred Stock 40,408 shares	5,253,444
RingCentral, Inc. Class A	Common and Preferred Stock 28,035 shares	5,252,357
Edwards Lifesciences Corporation	Common and Preferred Stock 40,146 shares	5,200,914
Axis Capital Holdings Limited	Common and Preferred Stock 95,172 shares	5,184,019
Fresenius Medical Care	Common and Preferred Stock 156,997 shares	5,096,123
IDEX Corporation	Common and Preferred Stock 21,408 shares	5,059,139
Sally Beauty Holdings Inc.	Common and Preferred Stock 272,188 shares	5,024,590
Brown & Brown Inc.	Common and Preferred Stock 70,006 shares	4,920,022
Warner Music Group Corporation Class A	Common and Preferred Stock 113,275 shares	4,891,215
DoorDash Inc. Class A	Common and Preferred Stock 32,080 shares	4,776,712
Sarepta Therapeutics Inc.	Common and Preferred Stock 52,331 shares	4,712,407
Ritchie Bros. Auctioneers Inc.	Common and Preferred Stock 75,480 shares	4,620,131
JP Morgan Chase & Company*	Common and Preferred Stock 29,161 shares	4,617,644
Frontdoor Inc.	Common and Preferred Stock 122,929 shares	4,505,348
Euronet Worldwide Inc.	Common and Preferred Stock 37,558 shares	4,475,787
Keysight Technologies Inc.	Common and Preferred Stock 21,490 shares	4,437,900
Ingredion Inc.	Common and Preferred Stock 45,780 shares	4,424,179
C.H. Robinson Worldwide Inc.	Common and Preferred Stock 40,775 shares	4,388,613
NOV Inc.	Common and Preferred Stock 322,722 shares	4,372,883
Exxon Mobil Corporation	Common and Preferred Stock 71,323 shares	4,364,254
BWX Technologies Inc.	Common and Preferred Stock 90,780 shares	4,346,546
Goldman Sachs Group Inc.	Common and Preferred Stock 11,223 shares	4,293,359
KAR Auction Services Inc.	Common and Preferred Stock 265,850 shares	4,152,577
Airbnb Inc. Class A	Common and Preferred Stock 24,567 shares	4,090,160
Hanesbrands Inc.	Common and Preferred Stock 243,963 shares	4,079,061
Belden Inc.	Common and Preferred Stock 60,843 shares	3,999,210

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

Identity of Issue	Description of Investment	Current Value
National Retail Properties Inc.	Common and Preferred Stock 83,009 shares	3,990,243
Generac Holdings Inc.	Common and Preferred Stock 11,272 shares	3,966,842
Zendesk Inc.	Common and Preferred Stock 37,765 shares	3,938,512
Helen Trustoy Limited	Common and Preferred Stock 15,815 shares	3,866,293
Middleby Corporation	Common and Preferred Stock 19,340 shares	3,805,338
First American Financial Corporation	Common and Preferred Stock 48,574 shares	3,799,944
Woodward Inc.	Common and Preferred Stock 33,902 shares	3,710,913
Cabot Corporation	Common and Preferred Stock 65,262 shares	3,667,724
UBS Group AG	Common and Preferred Stock 204,946 shares	3,662,385
Syneos Health Inc.	Common and Preferred Stock 35,181 shares	3,612,385
Textron Inc.	Common and Preferred Stock 46,550 shares	3,593,660
Carter Inc.	Common and Preferred Stock 34,511 shares	3,493,203
New Relic Inc.	Common and Preferred Stock 30,576 shares	3,362,137
Bank of America Corporation*	Common and Preferred Stock 75,004 shares	3,336,928
ASGN Inc.	Common and Preferred Stock 26,757 shares	3,301,814
MACOM Technology Solutions Holdings Inc.	Common and Preferred Stock 41,927 shares	3,282,884
FTI Consulting Inc.	Common and Preferred Stock 21,320 shares	3,270,914
Trimble Inc.	Common and Preferred Stock 37,506 shares	3,270,148
Pfizer Inc.	Common and Preferred Stock 55,126 shares	3,255,190
Tennant Company	Common and Preferred Stock 40,004 shares	3,241,924
Rogers Corporation	Common and Preferred Stock 11,834 shares	3,230,682
Copart Inc.	Common and Preferred Stock 21,019 shares	3,186,901
GlobalFoundries Inc.	Common and Preferred Stock 48,528 shares	3,152,864
ACV Auctions Inc. Class A	Common and Preferred Stock 163,687 shares	3,083,863
Quidel Corporation	Common and Preferred Stock 22,699 shares	3,064,138
Kirby Corporation	Common and Preferred Stock 51,105 shares	3,036,659
Dycom Industries Inc.	Common and Preferred Stock 31,731 shares	2,975,099
Royal Dutch Shell PLC	Common and Preferred Stock 67,749 shares	2,940,307
Grand Canyon Education Inc.	Common and Preferred Stock 34,288 shares	2,938,824
Prosperity Bancshares Inc.	Common and Preferred Stock 40,291 shares	2,913,039
Forward Air Corporation	Common and Preferred Stock 23,791 shares	2,880,852
Graco Inc.	Common and Preferred Stock 35,559 shares	2,866,767
8X8 Inc.	Common and Preferred Stock 170,204 shares	2,852,619
LPL Financial Holdings Inc.	Common and Preferred Stock 17,572 shares	2,813,101
HealthEquity Inc.	Common and Preferred Stock 63,397 shares	2,804,683
2U Inc.	Common and Preferred Stock 138,322 shares	2,776,123
Carvana Company Class A	Common and Preferred Stock 11,734 shares	2,719,824
Alleghany Corporation	Common and Preferred Stock 3,988 shares	2,662,349
Hologic Inc.	Common and Preferred Stock 34,175 shares	2,616,438
Momentive Global Inc.	Common and Preferred Stock 123,469 shares	2,611,369
Cloudflare Inc.	Common and Preferred Stock 19,762 shares	2,598,703
Cardinal Health, Inc.	Common and Preferred Stock 49,914 shares	2,570,072
Gartner Inc.	Common and Preferred Stock 7,686 shares	2,569,584
Acadia Healthcare Company Inc.	Common and Preferred Stock 42,158 shares	2,558,991
Mid-American Apartment Communities Inc.	Common and Preferred Stock 11,112 shares	2,549,537
BankUnited Inc.	Common and Preferred Stock 60,154 shares	2,545,116
Bottomline Technologies Inc.	Common and Preferred Stock 44,586 shares	2,517,771
SS&C Technologies Holdings Inc.	Common and Preferred Stock 30,611 shares	2,509,490
AerCap Holdings N.V.	Common and Preferred Stock 38,359 shares	2,509,446

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

Identity of Issue	Description of Investment	Current Value
Cenovus Energy Inc.	Common and Preferred Stock 203,926 shares	2,504,211
10X Genomics Inc. Class A	Common and Preferred Stock 16,632 shares	2,477,503
AMN Healthcare Services Inc.	Common and Preferred Stock 20,132 shares	2,462,748
Booking Holdings Inc.	Common and Preferred Stock 956 shares	2,293,664
National Bank Holdings Corporation Class A	Common and Preferred Stock 52,188 shares	2,293,141
Cohen & Steers Inc.	Common and Preferred Stock 24,628 shares	2,278,336
Advanced Energy Industries Inc.	Common and Preferred Stock 24,932 shares	2,270,308
Tronox Holdings PLC	Common and Preferred Stock 93,356 shares	2,243,345
Mednax Inc.	Common and Preferred Stock 82,285 shares	2,238,975
Chemed Corporation	Common and Preferred Stock 4,223 shares	2,234,136
ALLETE Inc.	Common and Preferred Stock 33,300 shares	2,209,455
Nasdaq Inc.	Common and Preferred Stock 10,520 shares	2,209,305
Itron Inc.	Common and Preferred Stock 31,646 shares	2,168,384
Signature Bank	Common and Preferred Stock 6,564 shares	2,123,257
Albany International Corporation Class A	Common and Preferred Stock 23,777 shares	2,103,076
Atmos Energy Corporation	Common and Preferred Stock 19,662 shares	2,059,988
ABM Industrials Inc.	Common and Preferred Stock 50,404 shares	2,059,003
Sotera Health Company	Common and Preferred Stock 86,525 shares	2,037,664
Harsco Corporation	Common and Preferred Stock 119,432 shares	1,995,709
ACI Worldwide Inc.	Common and Preferred Stock 57,430 shares	1,992,821
Carlisle Companies Inc.	Common and Preferred Stock 7,991 shares	1,982,727
Mimecast Limited	Common and Preferred Stock 24,684 shares	1,964,106
KBR, Inc.	Common and Preferred Stock 41,120 shares	1,958,134
Knowles Corporation	Common and Preferred Stock 83,420 shares	1,947,857
Veracyte Inc.	Common and Preferred Stock 47,260 shares	1,947,112
NCR Corporation	Common and Preferred Stock 48,308 shares	1,941,982
Bio-Techne Corporation	Common and Preferred Stock 3,749 shares	1,939,508
N-Able Technologies International Inc.	Common and Preferred Stock 166,860 shares	1,852,146
Aspen Technology Inc.	Common and Preferred Stock 12,162 shares	1,851,056
Markel Corporation Holding Company	Common and Preferred Stock 1,490 shares	1,838,660
Altra Industrial Motion Corporation	Common and Preferred Stock 35,331 shares	1,822,020
WisdomTree Investments Inc.	Common and Preferred Stock 296,463 shares	1,814,354
Fiverr International Limited	Common and Preferred Stock 15,882 shares	1,805,783
Monro Inc.	Common and Preferred Stock 30,940 shares	1,802,874
Barnes Group Inc.	Common and Preferred Stock 37,826 shares	1,762,313
AptarGroup Inc.	Common and Preferred Stock 14,315 shares	1,753,301
CarGurus Inc. Class A	Common and Preferred Stock 51,408 shares	1,729,365
Wolverine World Wide Inc.	Common and Preferred Stock 59,278 shares	1,707,799
Canada Goose Holdings Inc.	Common and Preferred Stock 46,015 shares	1,705,316
Omnicell Inc.	Common and Preferred Stock 9,304 shares	1,678,814
Hexcel Corporation	Common and Preferred Stock 31,854 shares	1,650,037
WillScot Mobile Mini Holdings Corporation	Common and Preferred Stock 40,354 shares	1,648,057
CareDx Inc.	Common and Preferred Stock 35,578 shares	1,618,087
Boston Properties Inc.	Common and Preferred Stock 14,011 shares	1,613,787
II-Vi Inc.	Common and Preferred Stock 23,504 shares	1,606,028
Herbalife Nutrition Limited	Common and Preferred Stock 39,004 shares	1,596,434
Graphic Packaging Holding Company	Common and Preferred Stock 81,825 shares	1,595,588
Smartsheet Inc. Class A	Common and Preferred Stock 20,499 shares	1,587,648
Kraton Corporation	Common and Preferred Stock 33,505 shares	1,551,954

Identity of Issue	Description of Investment	Current Value
PacWest Bancorp	Common and Preferred Stock 33,783 shares	1,525,978
ZipRecruiter Inc. Class A	Common and Preferred Stock 60,893 shares	1,518,671
Matthews International Corporation Class A	Common and Preferred Stock 41,315 shares	1,515,021
Under Armour Inc. Class C	Common and Preferred Stock 82,172 shares	1,482,383
Huron Consulting Group Inc.	Common and Preferred Stock 29,649 shares	1,479,485
Pacific Premier Bancorp Inc.	Common and Preferred Stock 36,368 shares	1,455,811
Tenable Holdings Inc.	Common and Preferred Stock 26,236 shares	1,444,817
Cimpress plc	Common and Preferred Stock 20,090 shares	1,438,645
Privia Health Group Inc.	Common and Preferred Stock 55,410 shares	1,433,457
Supernus Pharmaceuticals Inc.	Common and Preferred Stock 48,989 shares	1,428,519
Teledyne Technologies Inc.	Common and Preferred Stock 3,269 shares	1,428,193
IAA Spinco Inc.	Common and Preferred Stock 28,207 shares	1,427,838
Kodiak Sciences Inc.	Common and Preferred Stock 16,772 shares	1,421,930
Ciena Corporation	Common and Preferred Stock 18,365 shares	1,413,554
Prestige Consumer Healthcare Inc.	Common and Preferred Stock 22,938 shares	1,391,190
Sumo Logic Inc.	Common and Preferred Stock 102,451 shares	1,389,236
Knight-Swift Transportation Holdings Inc. Class A	Common and Preferred Stock 22,767 shares	1,387,421
Box Inc. Class A	Common and Preferred Stock 52,638 shares	1,378,589
Bank Ozk	Common and Preferred Stock 29,614 shares	1,377,939
Nu Skin Enterprises Inc. Class A	Common and Preferred Stock 27,012 shares	1,370,859
JBG SMITH Properties	Common and Preferred Stock 47,542 shares	1,364,931
SLR Investment Corporation	Common and Preferred Stock 73,775 shares	1,359,673
IPG Photonics Corporation	Common and Preferred Stock 7,893 shares	1,358,701
Diamondback Energy Inc.	Common and Preferred Stock 12,466 shares	1,344,458
Sportradar Group	Common and Preferred Stock 75,738 shares	1,330,717
Encompass Health Corporation	Common and Preferred Stock 20,220 shares	1,319,557
Range Resources Corporation	Common and Preferred Stock 72,997 shares	1,301,537
Anaplan Inc.	Common and Preferred Stock 28,078 shares	1,287,376
Mandiant Inc.	Common and Preferred Stock 72,539 shares	1,272,334
BRP Group Inc. Class A	Common and Preferred Stock 35,112 shares	1,267,894
Nevro Corporation	Common and Preferred Stock 15,219 shares	1,233,804
Texas Pacific Land Corporation	Common and Preferred Stock 978 shares	1,221,395
KnowBe4 Inc. Class A	Common and Preferred Stock 52,912 shares	1,213,801
Texas Capital Bancshares Inc.	Common and Preferred Stock 19,836 shares	1,195,119
Berkshire Hills Bancorp Inc.	Common and Preferred Stock 41,230 shares	1,172,169
Arvinas Inc.	Common and Preferred Stock 14,241 shares	1,169,756
Coherus BioSciences Inc.	Common and Preferred Stock 73,238 shares	1,168,878
Abiomed Inc.	Common and Preferred Stock 3,236 shares	1,162,274
Relay Therapeutics Inc.	Common and Preferred Stock 37,423 shares	1,149,260
AZZ Inc.	Common and Preferred Stock 20,736 shares	1,146,493
Fox Factory Holding Corporation	Common and Preferred Stock 6,632 shares	1,128,103
Sterling Check Corporation	Common and Preferred Stock 53,897 shares	1,105,427
Agios Pharmaceuticals Inc.	Common and Preferred Stock 33,477 shares	1,100,389
TreeHouse Foods Inc.	Common and Preferred Stock 26,684 shares	1,081,503
John Bean Technologies Corporation	Common and Preferred Stock 7,042 shares	1,081,370
Evercore Inc.	Common and Preferred Stock 7,954 shares	1,080,551
Alamos Gold Inc. Class A	Common and Preferred Stock 139,767 shares	1,074,808
World Wrestling Entertainment	Common and Preferred Stock 21,661 shares	1,068,754
Vroom Inc.	Common and Preferred Stock 98,021 shares	1,057,647
Cooper Companies Inc.	Common and Preferred Stock 2,482 shares	1,039,809

Identity of Issue	Description of Investment	Current Value	
Solarwinds Corporation	Common and Preferred Stock 71,697 shares	1,017,380	
Farfetch Limited Class A	Common and Preferred Stock 30,231 shares	1,010,622	
Heron Therapeutics Inc.	Common and Preferred Stock 110,570 shares	1,009,504	
Consensus Cloud Solutions Inc.	Common and Preferred Stock 17,412 shares	1,007,632	
Polaris Inc.	Common and Preferred Stock 9,154 shares	1,006,116	
C4 Therapeutics Inc.	Common and Preferred Stock 31,127 shares	1,002,289	
Shutterstock Inc.	Common and Preferred Stock 8,977 shares	995,370	
1-800-FLOWERS.COM Inc. Class A	Common and Preferred Stock 41,874 shares	978,595	
Albemarle Corporation	Common and Preferred Stock 4,184 shares	978,094	
SpringWorks Therapeutics Inc.	Common and Preferred Stock 15,422 shares	955,856	
Axogen Inc.	Common and Preferred Stock 101,418 shares	950,287	
Cal/Maine Foods Inc.	Common and Preferred Stock 24,349 shares	900,670	
Cano Health Inc. Class A	Common and Preferred Stock 100,183 shares	892,631	
iShares Core S&P Small-Cap ETF	Mutual Fund 7,631 units	873,826	
United Community Bank Blairsville Georgia	Common and Preferred Stock 23,216 shares	834,383	
Exact Sciences Corporation	Common and Preferred Stock 10,696 shares	832,470	
Designer Brands Inc. Class A	Common and Preferred Stock 58,536 shares	831,797	
KB Home	Common and Preferred Stock 18,474 shares	826,342	
NorthWestern Corp	Common and Preferred Stock 13,804 shares	789,037	
Heartland Express Inc.	Common and Preferred Stock 45,509 shares	765,461	
Flowserve Corporation	Common and Preferred Stock 24,786 shares	758,452	
Xperi Holding Corporation	Common and Preferred Stock 38,238 shares	723,081	
Mercury Systems Inc.	Common and Preferred Stock 13,074 shares	719,854	
Viking Therapeutics Inc.	Common and Preferred Stock 156,336 shares	719,146	
WSFS Financial Corporation	Common and Preferred Stock 14,312 shares	717,317	
Infinera Corporation	Common and Preferred Stock 73,824 shares	707,972	
CalAmp Corporation	Common and Preferred Stock 98,951 shares	698,594	
PetIQ Inc. Class A	Common and Preferred Stock 30,430 shares	691,065	
Silgan Holdings Inc.	Common and Preferred Stock 14,984 shares	641,915	
Banner Corporation	Common and Preferred Stock 10,265 shares	622,778	
iShares Russell Mid-Cap ETF	Mutual Fund 7,335 units	608,878	
Haemonetics Corporation	Common and Preferred Stock 11,201 shares	594,101	
Oceaneering International Inc.	Common and Preferred Stock 50,327 shares	569,198	
STAG Industrial Inc.	Common and Preferred Stock 11,201 shares	537,200	
NexTier Oilfield Solutions Inc.	Common and Preferred Stock 148,086 shares	525,705	
iShares Russell 2000 ETF	Mutual Fund 2,104 units	468,035	
Alight Inc. Class A	Common and Preferred Stock 39,442 shares	426,368	
eHealth Inc.	Common and Preferred Stock 16,236 shares	414,018	
J & J Snack Foods Corporation	Common and Preferred Stock 1,958 shares	309,286	
Talis Biomedical Corporation	Common and Preferred Stock 53,052 shares	212,739	
Total U.S. Equity Asset Class			1,714,872,738
U.S. Equity Index Asset Class:			
NT Collective Russell 3000 Index Fund / Non Lending*	Collective Trust Fund 13,250,686 units	975,793,781	
Gaming & Leisure Properties Inc.	Common and Preferred Stock 155 shares	7,542	
CTO Realty Growth Inc.	Common and Preferred Stock 82 shares	5,036	
NT Collective Short Term Investment Fund*	Collective Trust Fund 235 units	234	

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

Identity of Issue	Description of Investment	Current Value	
Total U.S. Equity Index Asset Class			975,806,593
International Equity Class:			
Mawer International Equity Collective Investment Trust Class B*	Collective Trust Fund 7,906,966 units	142,493,012	
Polaris Capital Management Collective Investment Trust International Value Collective Fund*	Collective Trust Fund 11,549,975 units	136,685,875	
Reliance Trust Institutional Retirement Trust GQG Partners International Equity Fund Series 11 Class C*	Collective Trust Fund 7,951,753 units	110,131,779	
Wilmington Trust Collective Investment Trust / Jennison International Equity Opportunities CIT Class J*	Collective Trust Fund 6,849,549 units	83,701,490	
Dodge & Cox International Fund	Mutual Fund 1,690,348 units	79,936,563	
NT Collective MSCI All Country World Index (ACWI) ex/US Index Fund / Non Lending*	Collective Trust Fund 204,987 units	44,875,034	
Interest Bearing Cash	Cash and Cash Equivalents 8,482 units	8,482	
Total International Equity Asset Class			597,832,235
International Equity Index Asset Class:			
NT Collective All Country World Index (ACWI) Ex/US Fund / Non Lending*	Collective Trust Fund 2,349,363 units	469,637,570	
BlackRock FTSE RAFI Emerging Index Non Lendable Fund F*	Collective Trust Fund 21,268 units	98,297	
Total International Equity Index Asset Class			469,735,867
Participant Self-Directed Accounts	Various Investments	781,940,783	
			781,940,783
Notes Receivable from Participants*	Interest Rate 4.25% - 9.25%	30,243,936	
			30,243,936
Other:			
BIF Money Fund*	Cash and Cash Equivalents 3,043,753 units	3,043,753	
Vanguard Federal Money Market	Cash and Cash Equivalents 498,898 units	498,898	
NT Collective Short Term Investment Fund*	Collective Trust Fund 303,581 units	303,581	
Exide Technologies	Common and Preferred Stock 35,683 shares	24,978	
Exide Technologies 144A 11.0% Due 05/24/2017	Corporate Bond 9,077 units	78	
Total Other			3,871,288
Grand Total			$ 7,183,734,301

* Indicates party-in-interest