

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
	☒ a single-employer plan ☐ a DFE (specify) _____
B This return/report is:	☐ the first return/report ☐ the final return/report
	☐ an amended return/report ☐ a short plan year return/report (less than 12 months)
C If the plan is a collectively-bargained plan, check here.	▶ ☐
D Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program
	☐ special extension (enter description)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	▶ ☐

Part II	Basic Plan Information —enter all requested information
1a Name of plan PRECIGEN, INC. 401K PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 07/31/2003
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) PRECIGEN, INC. 20358 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876	2b Employer Identification Number (EIN) 26-0084895
	2c Plan Sponsor's telephone number 301-556-9900
	2d Business code (see instructions) 541700

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.	10/13/2023	HARRY THOMASIAN JR.
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 593
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits..... d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)..... h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6a(1) 194 6a(2) 150 6b 3 6c 385 6d 538 6e 2 6f 540 6g 519 6h 10
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 2T 3D b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 1 A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)	

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE A (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Insurance Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500. ▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan PRECIGEN, INC. 401K PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PRECIGEN, INC.	D Employer Identification Number (EIN) 26-0084895	

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

(a) Name of insurance carrier VOYA RETIREMENT INSURANCE AND ANNUITY COMPANY
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(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
71-0294708	86509	YH5000	540	01/01/2022	12/31/2022

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
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(a) Total amount of commissions paid 60489	(b) Total amount of fees paid 0
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3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid MORGAN STANLEY SMITH BARNEY LLC 1 NEW YORK PLZ FL 12 NEW YORK, NY 10004

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
60489			3

(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	1115032
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	27611096

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

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

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

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

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

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

b Balance at the end of the previous year **7b** 1884816

c	Additions: (1) Contributions deposited during the year	7c(1)	79744	
	(2) Dividends and credits.....	7c(2)		
	(3) Interest credited during the year.....	7c(3)	14068	
	(4) Transferred from separate account.....	7c(4)		
	(5) Other (specify below)	7c(5)	6533	
	▶ *			

(6) Total additions..... **7c(6)** 100345

d Total of balance and additions (add lines **7b** and **7c(6)**)..... **7d** 1985161

e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	658648
(2) Administration charge made by carrier.....	7e(2)	826
(3) Transferred to separate account.....	7e(3)	39093
(4) Other (specify below)	7e(4)	6612

▶ *

(5) Total deductions..... **7e(5)** 705179

f Balance at the end of the current year (subtract line **7e(5)** from line **7d**)..... **7f** 1279982

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)	
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)	
(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)	
(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. Specify nature of costs.	10b	

Part IV Provision of Information

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

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

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan PRECIGEN, INC. 401K PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 PRECIGEN, INC.	D Employer Identification Number (EIN) 26-0084895	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

- a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No
- b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
VOYA RETIREMENT INSURANCE & ANNUITY
71-0294708

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

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

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

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

VOYA RETIREMENT INSURANCE & ANNUITY

71-0294708

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
26	SERVICE PROVIDER	6169	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

MORNINGSTAR

36-3297908

(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	SERVICE PROVIDER	2569	Yes ☒ No ☐	Yes ☐ No ☒	5113	Yes ☐ No ☒

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MORNINGSTAR	27	5113

(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.
VOYA RETIREMENT INSURANCE & ANNUITY 71-0294708	INVESTMENT ADVISORY (PLAN)

(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:	BROWN EDWARDS & COMPANY LLP	b EIN:	54-0504608
c Position:	AUDITOR		
d Address:	3906 ELECTRIC ROAD ROANOKE, VA 24018	e Telephone:	540-345-0936

Explanation: WE HAVE CLOSED OUR OFFICE IN VA AND CONSOLIDATED FINANCE IN MARYLAND THUS WE ALSO CHANGED THE AUDITOR TO BE SITUATED WHERE THE BUSINESS OPERATIONS ARE.

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan PRECIGEN, INC. 401K PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 PRECIGEN, INC.	D Employer Identification Number (EIN) 26-0084895	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE:	VARIABLE ANNUITY ACCOUNT D
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b Name of sponsor of entity listed in (a):	VOYA RETIREMENT INSURANCE & ANNUITY CO
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c EIN-PN 71-0294708-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 27611096
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a Name of MTIA, CCT, PSA, or 103-12 IE:		
---	--	--

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>PRECIGEN, INC. 401K PLAN</u>	B Three-digit plan number (PN) ►	<u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>PRECIGEN, INC.</u>	D Employer Identification Number (EIN) <u>26-0084895</u>	

Part I	Asset and Liability Statement		
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	136274	103723
(9) Value of interest in common/collective trusts.....	1c(9)	1305716	915497
(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)	33679391	26695599
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	1884816	1279982
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	37006197	28994801

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	37006197	28994801
---	-----------	----------	----------

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)	516651	
(B) Participants	2a(1)(B)	1441491	
(C) Others (including rollovers)	2a(1)(C)	331421	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		2289563
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	4079	
(F) Other	2b(1)(F)	14068	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		18147
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		-6103038
(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)		
c Other income	2c		34
d Total income. Add all income amounts in column (b) and enter total	2d		-3795294
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	4207364	
(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)		4207364
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	8738	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		8738
j Total expenses. Add all expense amounts in column (b) and enter total	2j		4216102
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-8011396
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: **BD & COMPANY, INC.**

(2) EIN: **45-1135289**

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a	X		579035

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

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

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

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan PRECIGEN, INC. 401K PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 PRECIGEN, INC.		D Employer Identification Number (EIN) 26-0084895
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
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): 71-0294708		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....		☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?.....		☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....		☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....		☐ Yes ☐ No
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

14	Enter the number of deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:	
a	The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: ☐ last contributing employer ☐ alternative ☐ reasonable approximation (see instructions for required attachment).....	14a
b	The plan year immediately preceding the current plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14b
c	The second preceding plan year. ☐ Check the box if the number reported is a change from what was previously reported (see instructions for required attachment)	14c
15	Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:	
a	The corresponding number for the plan year immediately preceding the current plan year.....	15a
b	The corresponding number for the second preceding plan year.....	15b
16	Information with respect to any employers who withdrew from the plan during the preceding plan year:	
a	Enter the number of employers who withdrew during the preceding plan year	16a
b	If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers.....	16b
17	If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐	

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

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

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

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

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

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

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

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

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

☐ Yes.

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

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

☐ No. Other. Provide explanation _____



B D & C O .

CERTIFIED PUBLIC ACCOUNTANTS
MANAGEMENT CONSULTANTS

PRECIGEN, INC. 401(k) PLAN

FINANCIAL STATEMENTS AS OF
DECEMBER 31, 2022 AND 2021
AND FOR THE YEAR ENDED DECEMBER 31, 2022
AND SUPPLEMENTAL SCHEDULE
FOR THE YEAR ENDED
DECEMBER 31, 2022

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Independent Auditors' Report

Plan Administrator and Participants of
Precigen, Inc. 401(k) Plan

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

We have performed an audit of the financial statements of Precigen, Inc. 401(k) Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C) ("ERISA Section 103(a)(3)(C) audit"). The financial statements comprise the statement of net assets available for benefits as of December 31, 2022, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements.

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

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

Opinion

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

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

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the 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 ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

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

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with 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.

Our audit did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

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

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

Other Matters

Supplemental Schedules Required by ERISA

The supplemental Schedule H, Line 4a – Schedule of Delinquent Participant Contributions and Schedule H, Line 4i - Schedule of Assets (Held at End of Year) as of and for the year ended December 31, 2022 are presented for purposes of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements.

The information included in the supplemental schedules, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedules that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedules, we evaluated whether the supplemental schedules, other than the information agreed to or derived from the certified investment information, including their form and content, are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion:

- the form and content of the supplemental schedules, other than the information in the supplemental schedules that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- the information in the supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Auditor's Report on the 2021 Financial Statements

Predecessor auditors performed an audit of the 2021 financial statements of the Plan. In accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the prior year audit did not extend to any statements or information related to assets held for investment of the plan that were certified by a qualified institution. Their report dated October 14, 2022, indicated that (a) the amounts and disclosures in the 2021 financial statements, other than those agreed to or derived from the certified investment information, were presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America, and (b) the information in the 2021 financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C). Their report also indicated that the form and content of the 2021 supplemental schedules, other than the information in the 2021 supplemental schedules that agreed to or is derived from the certified investment information, were presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA; and the information in the 2021 supplemental schedules related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determines meets the requirements of ERISA Section 103(a)(3)(C).

BD & COMPANY, INC.

Owings Mills, Maryland
October 13, 2023

Precigen, Inc. 401(k) Plan
Statements of Net Assets Available for Benefits
As of December 31,

	<u>2022</u>	<u>2021</u>
Assets		
Investments, at fair value	\$ 27,611,096	\$ 34,985,107
Investments, at contract value	1,279,982	1,884,816
Receivables:		
Employer contributions receivable	50,493	34,893
Notes receivable from participants	<u>103,723</u>	<u>136,274</u>
Net assets available for benefits	\$ <u>29,045,294</u>	\$ <u>37,041,090</u>

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

Precigen, Inc. 401(k) Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31,

	<u>2022</u>
(Reductions from) Additions to net assets attributed to:	
Investment (loss) income:	
Net depreciation in fair value of investments	\$ (6,105,158)
Interest and dividends	<u>16,222</u>
Net investment loss	<u>(6,088,936)</u>
Contributions:	
Participant	1,441,491
Employer	532,251
Rollovers	<u>331,421</u>
Total contributions	<u>2,305,163</u>
Interest income on notes receivable from participants	<u>4,079</u>
Total reductions	<u>(3,779,694)</u>
Deductions from net assets attributed to:	
Benefits paid to participants	4,207,364
Administrative expenses	<u>8,738</u>
Total deductions	<u>4,216,102</u>
Net decrease	(7,995,796)
Net assets available for benefits	
Beginning of year	<u>37,041,090</u>
End of year	\$ <u><u>29,045,294</u></u>

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

**Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021**

NOTE 1 – DESCRIPTION OF PLAN

The following description of the Precigen, Inc. 401(k) Plan ("Plan") provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined contribution plan covering all employees of Precigen, Inc. and its subsidiaries, PGEN Therapeutics, Inc. (which merged into Precigen, Inc. on January 1, 2023), MBP Titan, L.L.C., and Triple-Gene, L.L.C. (collectively the "Company", "Employer" or "Plan Sponsor") who have attained age twenty-one and who are not members of a collective bargaining unit, leased employees, or non-resident aliens who do not receive any earned income which constitutes United States source income. Employees who meet these eligibility requirements may participate in the Plan on the first day of the month immediately following their hire date. The Plan is sponsored and administered by Precigen, Inc. The plan was established July 31, 2003 and is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"), as amended.

Contributions

Each year participants may contribute a percentage of annual compensation, as defined by the Plan, as pre-tax or after tax (Roth) deferrals. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans (rollovers).

The Company makes matching contributions equal to 100% of the first 3% of eligible compensation that a participant contributes to the Plan. The Plan also permits discretionary nonelective contributions. For the year ended December 31, 2022, the Company did not make a discretionary nonelective contribution. Contributions are subject to certain limitations.

Participants can direct the investment of elective deferrals and Company contributions, if any, into any of the funds offered by the Plan as investment options. Participants are permitted to change their investment elections daily.

Participant Accounts

Each participant's account is credited with the participant's contribution and the Company's contributions, if any, and allocations of Plan earnings (losses), and may be charged with an allocation of any administrative expenses paid by the Plan. Allocations are based on participant earnings, account balances, or specific transactions, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account balance.

Vesting

Participants are immediately vested in their elective contributions plus actual earnings thereon. Vesting in the Company's contributions plus earnings thereon is based on years of continuous service. A participant is 25% vested after the first year of service; 50% vested after the second year; and is 100% vested after three years of service. However, if an active participant dies or becomes disabled prior to completing three years of service or attaining the normal retirement age, the participant becomes 100% vested.

**Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021**

NOTE 1 – DESCRIPTION OF PLAN (continued)

Forfeited Accounts

At December 31, 2022 and 2021, forfeited non-vested accounts totaled \$422,609 and \$257,000 respectively. Forfeitures of employer contributions may be used to offset employer contributions or to pay Plan expenses. There were no forfeitures utilized during the year ended December 31, 2022.

Notes Receivable from Participants

Participants may borrow from their vested accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000, or 50% of their non-forfeitable account balance. The term of the loan may not exceed five years, unless the proceeds are used to buy a primary residence. The notes are secured by the balance in the participant's account and bear interest at a rate commensurate with market rates for similar notes, as defined. Interest rates ranged from 3.25% - 6.25% on outstanding loans as of December 31, 2022. Participants are limited to one loan outstanding at a time. Principal and interest payments are paid through deductions to the participant's paycheck.

Payment of Benefits

Distributions from the Plan are permitted upon termination of employment, retirement, disability, or death. Participants may elect a lump-sum amount equal to the value of the vested portion of his or her account or a distribution in installment payments. For accounts with balances of \$5,000 or less where the participant is no longer an employee of the Company will be automatically paid to the participant as a single lump sum. The Plan permits in-service distributions for participants who are age 59 ½ or older as well as in the case of certain financial hardship situations, subject to the provisions of the Plan document. Minimum required distributions for participants who have reached age 72 also apply per Internal Revenue Service ("IRS") regulations.

Administrative Expenses

The Plan's administrative expenses may be paid by the Plan or the Company, as provided in the Plan document. Transaction expenses, such as investment expenses, loan, and distribution administrative expenses are charged directly to the participant's account and are included in administrative expenses.

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting

The financial statements of the Plan are prepared using the accrual basis of accounting, in accordance with generally accepted accounting principles in the United States of America ("GAAP").

Use of Estimates

The preparation of financial statements in accordance with GAAP requires the plan administrator to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosures of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

**Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021**

NOTE 2 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (continued)

Investment Valuation and Income Recognition

Investments, other than fully benefit-responsive investment contracts, are reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Plan Management determines the Plan's valuation policies utilizing information provided by the trustee. See Note 4 for discussion of fair value measurements.

For fully benefit-responsive investment contracts, contract value is the relevant measurement attributable to that portion of the net assets available for benefits, because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net depreciation includes the plan's gains and losses on investments bought and sold, as well as held, during the year.

Contributions

Employee deferrals and employer contributions, if any, are recognized on the pay date to which they relate.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. If a participant does not make loan repayments and the plan administrator considers the participant loan to be in default, the loan balance is reduced, and the delinquent participant note receivable is recorded as a benefit payment based on the terms of the Plan document.

Payment of Benefits

Benefits are recorded when paid.

**Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021**

NOTE 3 – INFORMATION CERTIFIED BY THE PLAN TRUSTEE

As noted in the independent auditors' report, the Plan administrator has elected the method of annual reporting compliance as permitted by 29 CFR 2520.103-8 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, certain information disclosed in the accompanying financial statements and supplemental schedule, was obtained or derived from information supplied to the Plan administrator and certified as complete and accurate by Voya Institutional Trust Company ("Voya"), the trustee of the Plan. This information includes:

- Investment values as of December 31, 2022 and 2021, as shown in the statements of net assets available for benefits and the fair value disclosures in Note 4.
- Notes receivable from participants, as shown in the statements of net assets available for benefits as of December 31, 2022 and 2021.
- Net investment loss and interest income on notes receivable from participants, as shown in the statement of changes in net assets available for benefits for the year ended December 31, 2022.
- Schedule H, Line 4i – schedule of assets (held at end of year) as of December 31, 2022.

The Plan's independent auditors did not perform auditing procedures with respect to information certified by the trustee.

NOTE 4 – FAIR VALUE MEASUREMENTS

GAAP establishes a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1 measurements) and the lowest priority to unobservable inputs (Level 3 measurements). The three levels of the fair value hierarchy are described as follows:

- Level 1 inputs consist of unadjusted quoted prices in active markets for identical assets and have the highest priority;
- Level 2 inputs consist of observable inputs other than quoted prices for identical assets; and
- Level 3 inputs are unobservable and have the lowest priority.

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

Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021

NOTE 4 – FAIR VALUE MEASUREMENTS (continued)

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

Pooled separate account: Valued at net asset value (“NAV”) per unit based on quoted market prices of the underlying investments. The pooled separate accounts have daily redemptions and one day trading terms. There are no unfunded commitments at December 31, 2022 and 2021. The funds are direct filing entities and as such, investment strategy disclosures are not required.

In accordance with ASC 820-10, certain investments that are measured at fair value using the NAV per share (or its equivalent) practical expedient are not classified in the fair value hierarchy. Because all the Plan’s investments are pooled separate accounts, the fair value hierarchy table has not been presented.

The method described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation method is appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Voya’s pooled separate accounts are not direct filing entities and as such, investment strategy disclosures are required.

The Plan’s Retirement Date Funds (or “LifeCycle” funds) are invested in a combination of assets such as aggressive stocks, international stocks, large-company stocks, government bonds, foreign bonds or money markets. Managers of these funds review market conditions regularly and refine the asset allocation mixture they believe will achieve the best risk adjusted performance based on the stated objectives and “target” allocations of the particular fund.

The Vanguard Balanced Index Fund seeks to balance the growth of principal and current income by investing in a combination of stocks and bonds (generally holding 60-70% equity and 30-40% fixed income).

The BlackRock High Yield Bond Portfolio, DFA Inflation-Protected Securities Portfolio and Voya Intermediate Bond Fund all are seeking income or growth of income, with less emphasis on capital appreciation. They are invested in fixed income securities that have been determined to be appropriate for its investment goal.

The Invesco Opportunity International Growth Fund and Vanguard Total International Stock Index Fund are invested primarily in stocks of companies outside of the United States of America.

The Voya Large Cap Growth Fund is invested primarily in stocks of larger U.S. companies employing an investment style of growth.

The American Funds Fundamental, American Funds Washington Mutual Fund, Invesco Diversified Dividend Fund and Vanguard Total Stock Market Index Fund are seeking long-term growth of capital or a combination of growth and income by investing primarily in stocks of larger, mature companies.

Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021

NOTE 4 – FAIR VALUE MEASUREMENTS (continued)

The Voya Government Money Market Fund is invested in conservative investment options that seek, but do not guarantee, to hold the principal value of an investment stable through all market conditions.

The American Century Small Cap Value Fund, ClearBridge Small Cap Growth Fund, DFA Commodity Strategy Portfolio, DFA Real Estate Securities Portfolio, DFA U.S. Targeted Value Portfolio, Neuberger Berman Mid Cap Growth Fund, Vanguard Mid Cap Index Fund, Vanguard Small Cap Index Fund and Victory Sycamore Established Value Fund are seeking capital appreciation by investing primarily in stocks of small and medium sized companies. Generally these companies are striving to develop new products or markets and have above-average earnings or growth potential.

NOTE 5 – FULLY BENEFIT-RESPONSIVE INVESTMENT CONTRACT

At December 31, 2022 and 2021, the Plan was invested in the Voya Fixed Account, a fully benefit-responsive investment contract. The contract meets the fully benefit-responsive investment contract criteria and therefore is reported at contract value. Contract value is the relevant measure for fully benefit-responsive investment contracts because this is the amount received by participants if they were to initiate permitted transactions under the terms of the Plan. Contract value represents contributions made under each contract, plus credited interest, less participant withdrawals. This contract maintains the participants' contributions plus a specified rate of interest and is guaranteed by Voya's claims paying ability. The guaranteed minimum interest or expected rate is 1%. The actual average yield earned by the Plan was 1% for the years ended December 31, 2022 and 2021, respectively. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

Certain events might limit the ability of the Plan to transact at contract value with the contract issuer. These events may be different under each contract. Examples of such events include: 1) the Plan's failure to qualify under Section 401(a) of the *Internal Revenue Code* or the failure of the trust to be tax-exempt under Section 501(a) of the *Internal Revenue Code*, 2) premature termination of the contract, 3) plan termination or merger, 4) changes to the plan's prohibition on competing investment options and 5) other plan sponsor events that significantly affect the plan's normal operations.

In addition, certain events allow the issuer to terminate the contracts with the Plan and settle at an amount different from contract value. Those events may be different under each contract. Examples of such events include the following: 1) an uncured violation of the plan's investment guidelines, 2) a breach of material obligation under the contract, 3) a material misrepresentation and 4) a material amendment to the agreements without the consent of the issuer.

Although the existence of certain conditions or transactions outside the normal operations of the contract could limit the Plan's ability to transact at contract value, management has determined that as of December 31, 2022 and 2021 these conditions or transactions are not considered probable.

Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021

NOTE 6 – RELATED PARTY AND PARTY-IN-INTEREST TRANSACTIONS

Certain Plan investments are managed by Voya, the Plan's trustee. Fees related to these investments are paid on a point basis and deducted from the returns on the investments. Investment expenses and administrative expenses paid to the trustee qualify as party-in-interest transactions. The Plan also allows notes receivable from participants. These transactions qualify as party-in-interest transactions which are exempt from the prohibited transaction rules.

NOTE 7 – PLAN TERMINATION

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

During 2020, the Plan Sponsor experienced significant turnover within its workforce due to the sale of a part of its business as well as COVID-19. As a result, the Plan determined it had a partial plan termination. Accordingly, the unvested amounts in participants' accounts who have terminated employment with the Plan Sponsor during 2020 become fully vested.

NOTE 8 – TAX STATUS

The Plan adopted a NonStandardized Defined Contribution Pre-Approved Plan sponsored by Voya Retirement Insurance and Annuity Company. The pre-approved plan has received an opinion letter from the IRS dated June 30, 2020, as to the pre-approved plan's qualified status. The opinion letter has been relied upon by the Plan. The Plan has been amended since the date of the opinion letter; however, the Plan Administrator believes the Plan is designed and is being operated in compliance with the applicable provisions of the IRC.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination. Management evaluated the Plan's tax positions and concluded that the Plan has maintained its tax-exempt status and has taken no uncertain tax positions that require recognition or disclosure in the financial statements. Therefore, no provision or liability for income taxes has been included in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax period in progress.

NOTE 9 – RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the accompanying statements of net assets available for benefits.

Precigen, Inc. 401(k) Plan
Notes to the Financial Statements
December 31, 2022 and 2021

NOTE 10 – RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500

The following is a reconciliation of net assets available for benefits per the financial statements to the Form 5500 for the years ended December 31,

	<u>2022</u>	<u>2021</u>
Net assets available for benefits per the financial statements	\$ 29,045,294	\$ 37,041,090
Employer contributions receivable	<u>(50,493)</u>	<u>(34,893)</u>
Net assets available for benefits per Form 5500	<u>\$ 28,994,801</u>	<u>\$ 37,006,197</u>

The following is a reconciliation of changes in net assets available for benefits per the financial statements for the year ended December 31, 2022 to the Form 5500:

	<u>2022</u>
Net decrease per financial statements	\$ (7,995,796)
Change in employer contributions	<u>(15,600)</u>
Net decrease per Form 5500	<u>\$ (8,011,396)</u>

NOTE 11 – SUBSEQUENT EVENTS

Plan management has evaluated subsequent events through October 13, 2023 the date the financial statements were available to be issued. Plan management is not aware of any subsequent events which would require recognition or disclosure in the financial statements.

Precigen, Inc. 401(k) Plan
Schedule H, Line 4a – Schedule of Delinquent Participant Contributions
For the Year Ended December 31, 2022

EIN: 26-0084895
PN: 001

Participant Contributions Transferred Late to the Plan	Total that Constitute Nonexempt Prohibited Transactions			
Check here if Late Participant Loan Repayments are included: ___	Contributions Not Corrected	Contributions Corrected Outside VFCP	Contributions Pending Correction in VFCP	Total Fully Corrected Under VFCP and PTE 2002-51
\$ 579,035 (1)	\$ 579,035			

(1) Represents participant contributions from various pay periods during 2022 which were deposited late into the Plan. As of December 31, 2022, lost earnings had not yet been remitted, and thus, the delinquent deposits were not fully corrected. On October 10, 2023, lost earnings of approximately \$900 was remitted to the Plan, thereby correcting the delinquent deposits.

Precigen, Inc. 401(k) Plan
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2022

EIN: 26-0084895
PN: 001

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment, including maturity date, rate of interest, collateral, par or maturity value	(d) Cost**	(e) Current Value
	American Century Retirement 2020 Trust Fund	Pooled Separate Account		\$ 217,461
	American Century Retirement 2025 Trust Fund	Pooled Separate Account		866,390
	American Century Retirement 2030 Trust Fund	Pooled Separate Account		1,232,717
	American Century Retirement 2035 Trust Fund	Pooled Separate Account		1,671,487
	American Century Retirement 2040 Trust Fund	Pooled Separate Account		3,049,747
	American Century Retirement 2045 Trust Fund	Pooled Separate Account		1,571,479
	American Century Retirement 2050 Trust Fund	Pooled Separate Account		1,925,133
	American Century Retirement 2055 Trust Fund	Pooled Separate Account		1,158,461
	American Century Retirement 2060 Trust Fund	Pooled Separate Account		325,196
	American Century Retirement 2065 Trust Fund	Pooled Separate Account		213,426
	American Century Retirement Date Trust Fund	Pooled Separate Account		166,127
	American Century Small Cap Value Fund	Pooled Separate Account		1,312,354
	American Funds Fundamental	Pooled Separate Account		1,903,834
	American Funds Washington Mutual Fund	Pooled Separate Account		858,935
	BlackRock High Yield Bond Portfolio	Pooled Separate Account		458,633
	ClearBridge Small Cap Growth Fund	Pooled Separate Account		512,895
	DFA Commodity Strategy Portfolio	Pooled Separate Account		68,629
	DFA Inflation-Protected Securities Portfolio	Pooled Separate Account		289,962
	DFA Real Estate Securities Portfolio	Pooled Separate Account		194,676
	DFA U.S. Targeted Value Portfolio	Pooled Separate Account		302,187
	Invesco Diversified Dividend Fund	Pooled Separate Account		591,507
	Invesco Opportunity International Growth Fund	Pooled Separate Account		473,051
	Neuberger Berman Mid Cap Growth Fund	Pooled Separate Account		629,524
	Vanguard Balanced Index Fund	Pooled Separate Account		553,425
	Vanguard Mid Cap Index Admiral Fund	Pooled Separate Account		475,191
	Vanguard Small Cap Index Admiral Fund	Pooled Separate Account		1,132,834
	Vanguard Total International Stock Index Fund	Pooled Separate Account		824,182
	Vanguard Total Stock Market Index Fund	Pooled Separate Account		1,647,820
	Victory Sycamore Established Value Fund	Pooled Separate Account		1,121,709
*	Voya Government Money Market Fund	Pooled Separate Account		412,551
*	Voya Intermediate Bond Fund	Pooled Separate Account		534,076
*	Voya Large Cap Growth Fund	Pooled Separate Account		915,497
		Total Pooled Separate Accounts		<u>27,611,096</u>
*	Voya Fixed Account	Insurance Company General Account		<u>1,279,982</u>
		Total Investments		<u>\$ 28,891,078</u>
*	Notes Receivable from Participants	Maturities through June 2049, Interest Rates ranging from 3.25% - 6.25%		<u>\$ 103,723</u>

* Party-in-interest as defined by ERISA.

** Cost omitted; all investments are participant-directed.

Attachment to 2022 Form 5500
Schedule H, line 4i - Schedule of Assets
(Held at End of Year)
PRECIGEN, INC. 401K PLAN
EIN#26-0084895
Plan#001
As Of December 31, 2022

(a) (b) Identity of issue, borrower, lessor or similar party	(c) Description of investments including maturity date, rate of interest, collateral, par, or maturity date	(d) Cost	(e) Current Value
American Funds AMCAP Fund R6	Registered Investment Company		\$1,312,354
American Funds Fdmntl Inv R6	Registered Investment Company		\$1,903,834
American Funds Wash Mutual R6	Registered Investment Company		\$858,935
BlkRck High Yield Bnd Port K	Registered Investment Company		\$458,633
ClrBrg SmCp Grw Fd IS	Registered Investment Company		\$512,895
DFA Commodity Strategy Prt Ins	Registered Investment Company		\$68,629
DFA Infl-Prot Sec Port Ins	Registered Investment Company		\$289,962
DFA Real Estate Secs Port Ins	Registered Investment Company		\$194,677
DFA US Targeted VI Port Ins	Registered Investment Company		\$302,187
Inv Opp Intl Growth R6	Registered Investment Company		\$473,051
Invesco Divrsd Dividend Fd R6	Registered Investment Company		\$591,507
Neuberg Berm MdCp Grw Fnd R6	Registered Investment Company		\$629,524
Vangrd Balanced Index Fnd Adm	Registered Investment Company		\$553,425
Vangrd Mid-Cap Index Fund Adm	Registered Investment Company		\$475,191
Vangrd Small-Cap Index Fnd Adm	Registered Investment Company		\$1,132,834
Vangrd Tot Int Stk In F Adm	Registered Investment Company		\$824,182
Vangrd Tot St Mkt Indx Fd Adm	Registered Investment Company		\$1,647,820
Vangrd Trgt Retire 2020 Fd	Registered Investment Company		\$217,461
Vangrd Trgt Retire 2025 Fd	Registered Investment Company		\$866,390
Vangrd Trgt Retire 2030 Fd	Registered Investment Company		\$1,232,717
Vangrd Trgt Retire 2035 Fd	Registered Investment Company		\$1,671,487
Vangrd Trgt Retire 2040 Fd	Registered Investment Company		\$3,049,747
Vangrd Trgt Retire 2045 Fd	Registered Investment Company		\$1,571,479
Vangrd Trgt Retire 2050 Fd	Registered Investment Company		\$1,925,134
Vangrd Trgt Retire 2055 Fd	Registered Investment Company		\$1,158,461
Vangrd Trgt Retire 2060 Fd	Registered Investment Company		\$325,196
Vangrd Trgt Retire 2065 Fd	Registered Investment Company		\$213,426
Vangrd Trgt Retire Inc Fd	Registered Investment Company		\$166,127
Victory Sycmr Est VI Fd R6	Registered Investment Company		\$1,121,709
* Voya Fixed Account (4062)	Insurance Company General Account		\$1,279,982
* Voya Gv Mny Mkt F A (Hld Acct)	Registered Investment Company		\$412,551
* Voya Intermediate Bond Fund R6	Registered Investment Company		\$534,076
* Voya Large Cap Growth Fund 8	Common Collective Trust		\$915,497
LOAN FUND	Participant Loans - Rates 3.25% to 6.25%		\$103,723
TOTAL			\$28,994,801

* denotes party-in-interest

Column (d) is not required as the Plan's investments are totally participant directed.