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

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.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

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

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

D Check box if filing under:
- [X] Form 5558
- [ ] automatic extension
- [ ] the DFVC program
- [ ] special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here. . . . . ▶ [ ]

Part II Basic Plan Information—enter all requested information

1a Name of plan
BIOGEN 401(K) SAVINGS PLAN

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 01/06/2004

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)
BIOGEN INC.

225 BINNEY STREET
CAMBRIDGE, MA 02142

2b Employer Identification Number (EIN)
33-0112644

2c Plan Sponsor's telephone number
617-679-2000

2d Business code (see instructions)
325410

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/06/2023	MARTIN SKAWSKI
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a	Plan administrator's name and address [X] Same as Plan Sponsor	**3b**	Administrator's EIN
		3c	Administrator's telephone number
4	If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report:	**4b**	EIN
a	Sponsor's name	**4d**	PN
c	Plan Name		
5	Total number of participants at the beginning of the plan year	**5**	8420
6	Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines **6a(1), 6a(2), 6b, 6c,** and **6d**).		
a(1)	Total number of active participants at the beginning of the plan year	**6a(1)**	5611
a(2)	Total number of active participants at the end of the plan year	**6a(2)**	5003
b	Retired or separated participants receiving benefits	**6b**	22
c	Other retired or separated participants entitled to future benefits	**6c**	3323
d	Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	8348
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	1
f	Total. Add lines **6d** and **6e**.	**6f**	8349
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	8119
h	Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	0
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2A 2E 2F 2G 2J 2K 2T

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)** [X] 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)** [X] 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)** [X] **R** (Retirement Plan Information)
- **(2)** [ ] **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- **(3)** [ ] **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [ ] 0 **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **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 C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**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	**B** Three-digit plan number (PN) ▶
BIOGEN 401(K) SAVINGS PLAN	001

C Plan sponsor's name as shown on line 2a of Form 5500	**D** Employer Identification Number (EIN)
BIOGEN INC.	33-0112644

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . [X] Yes [ ] No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

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

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(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)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(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?
37 60 64 65	RECORDKEEPER	-1430786	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

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

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

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(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.
COL DIVIDEND INC I - COLUMBIA MGT PO BOX 219104 KANSAS CITY, MO 64121-9104	0.40%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(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.
DODGE & COX INCOME I - DST ASSET M 430 W 7TH STREET STE 219432 KANSAS CITY, MO 64105	0.08%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(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.
MS W LARGE CAP GR I - NYLIM SERVIC 52-2206685	0.15%

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
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(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.
TRP MID CAP GROWTH - T. ROWE PRICE 52-2269240	0.15%

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

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

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

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

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

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

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

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

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

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

OMB No. 1210-0110

2022

This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
BIOGEN 401(K) SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
BIOGEN INC.

D Employer Identification Number (EIN)
33-0112644

Part I **Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)**
(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE: FID LOW PR STK POOL

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

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)
04-3022712-132	C	53982532

a Name of MTIA, CCT, PSA, or 103-12 IE: FID DIVSFD INTL POOL

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

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)
04-3022712-134	C	39697981

a Name of MTIA, CCT, PSA, or 103-12 IE: FID GROWTH CO POOL

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

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)
04-3022712-135	C	185905547

a Name of MTIA, CCT, PSA, or 103-12 IE: GALLIARD STBLE RTN C

b Name of sponsor of entity listed in (a): WELLS FARGO BANK, N.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)
52-2250946-001	C	12274500

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)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

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a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

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

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

OMB No. 1210-0110

2022

This Form is Open to Public Inspection

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022

A Name of plan
BIOGEN 401(K) SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
BIOGEN INC.

D Employer Identification Number (EIN)
33-0112644

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	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	6069598	5882379
(2) Participant contributions	1b(2)	0	0
(3) Other	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	57971962	61609957
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property)	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans	1c(8)	12635596	12096505
(9) Value of interest in common/collective trusts	1c(9)	413668881	291860560
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	1518752156	1229803377
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	0	0
(15) Other	1c(15)	0	0

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	2009098193	1601252778
Liabilities			
g Benefit claims payable	1g	0	0
h Operating payables	1h	0	0
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	2009098193	1601252778

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)	52942357	
(B) Participants	2a(1)(B)	78427279	
(C) Others (including rollovers)	2a(1)(C)	18764033	
(2) Noncash contributions	2a(2)	0	
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		150133669
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	978139	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	582589	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		1560728
(2) Dividends: **(A)** Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	84552241	
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		84552241
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(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)	0	
(B) Other	2b(5)(B)	0	
(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)		-112720935
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-363087813
c Other income	2c		0
d Total income. Add all **income** amounts in column (b) and enter total	2d		-239562110
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	169442908	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		169442908
f Corrective distributions (see instructions)	2f		271183
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	-1430786	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		-1430786
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		168283305
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-407845415
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		0

Part III Accountant's Opinion

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

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

(1) [X] Unmodified **(2)** [ ] Qualified **(3)** [ ] Disclaimer **(4)** [ ] Adverse

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

(1) [X] 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: PRICEWATERHOUSECOOPERS **(2)** EIN: 13-4008324

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

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

Part IV Compliance Questions

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

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	

		Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e Was this plan covered by a fidelity bond?	4e	X		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked and see instructions for format requirements.)	4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l Has the plan failed to provide any benefit when due under the plan?	4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n		X	

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
BIOGEN 401(K) SAVINGS PLAN

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
BIOGEN INC.

D Employer Identification Number (EIN)
33-0112644

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): 04-6568107

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year ..... | **3** |

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) ..... | **6a** |

b Enter the amount contributed by the employer to the plan for this plan year ..... | **6b** |

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) ..... | **6c** |

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that (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_____

Biogen 401(k) Savings Plan

Financial Statements As of December 31, 2022 and 2021 and For the Year Ended December 31, 2022 and Supplemental Schedule As of December 31, 2022

Biogen 401(k) Savings Plan

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*Other schedules required by Section 2520.103-10 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.



Report of Independent Auditors

To the Administrator of Biogen 401(k) Savings Plan

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

We have performed an audit of the accompanying financial statements of Biogen 401(k) Savings 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 statements of net assets available for plan benefits as of December 31, 2022 and December 31, 2021, and the related statement of changes in net assets available for plan benefits for the year ended December 31, 2022, including the related notes (collectively referred to as 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 audit need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2022 and December 31, 2021 and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 5 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 Auditors' Responsibilities for the Audit of the Financial Statements section of our report

- 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).

PricewaterhouseCoopers LLP, 101 Seaport Boulevard, Suite 500, Boston, MA 02210
T: (617) 530 5000, www.pwc.com/us



Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditors' 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 audit. 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 one year after the date the financial statements are available to be issued.

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

Auditors' 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 auditors' 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 US 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 US 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 Matter – Supplemental Schedule Required by ERISA

Supplemental Schedule H, Part IV, Item 4i - Schedule of Assets (Held at End of Year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to the 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 US GAAS. For information included in the supplemental schedule 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 schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its



form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. In our opinion

- the form and content of the supplemental schedule, other than the information in the supplemental schedule 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 schedule 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).



Boston, Massachusetts
September 28, 2023

Biogen 401(k) Savings Plan
Statements of Net Assets Available for Plan Benefits
As of December 31, 2022 and 2021

	2022	2021
Assets		
Investments, at fair value		
Mutual funds (Notes 3 and 5)	$ 1,291,413,334	$ 1,576,724,118
Collective investment funds (Notes 3 and 5)	291,860,560	413,668,881
Total investments	$ 1,583,273,894	$ 1,990,392,999
Receivables		
Employer contributions	$ 5,882,379	$ 6,069,598
Notes receivable from participants (Notes 4 and 5)	12,096,505	12,635,596
Total receivables	$ 17,978,884	$ 18,705,194
Net assets available for plan benefits	$ 1,601,252,778	$ 2,009,098,193

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

Biogen 401(k) Savings Plan
Statement of Changes in Net Assets Available for Plan Benefits
For the Year Ended December 31, 2022

Additions		
Employer contributions	$	52,942,357
Participant contributions		78,427,279
Participant rollover contributions		18,764,033
Dividends and interest income (Note 5)		85,530,381
Loan Repayment (Interest) (Note 5)		582,589
Other income		1,468,366
Total additions	$	237,715,005
Deductions		
Net depreciation in fair value of mutual funds investment (Note 5)		(363,087,812)
Net depreciation in fair value of collective investment funds (Note 5)		(112,720,935)
Benefits paid to participants		(169,714,092)
Administrative expenses		(37,581)
Total deductions	$	(645,560,420)
Net increase/(decrease)		(407,845,415)
Net assets available for plan benefits		
Beginning of year		2,009,098,193
End of year	$	1,601,252,778

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

1. Description of the Plan

The following brief description of the Biogen 401(k) Savings Plan (the "Plan") is provided for general information purposes only. Participants should refer to the plan agreement for more complete information.

General Information

The Plan was established effective January 1, 1989. The Plan was amended and restated effective January 1, 2008, mainly to provide for full vesting of all participant accounts for participants who did not have a termination of employment on or before December 31, 2007 and to comply with the requirements of the final regulations under the Internal Revenue Code (the "Code") Section 415. The Plan was amended and restated effective January 1, 2009 to comply with The Pension Protection Act of 2006, The Heroes Earnings Assistance and Relief Tax Act of 2008 and The Worker Retiree and Employer Act of 2008. The Plan was amended effective January 1, 2016 to comply with the 401(k) safe harbor plan design requirements of the Internal Revenue Code Sections 401(k)(12) and 401(m)(11). The Plan was amended effective January 1, 2016 to add a provision to comply with the ACP test with respect to the after-tax savings deposit feature of the plan. The Plan was also amended effective January 1, 2016 to redefine participants eligible for the additional true-up matching contribution by excluding those who are highly compensated employees determined under Code Section 414(q) who are not employed as of December 31 of the plan year. The Plan was amended effective January 1, 2017 to add a provision regarding the application of forfeiture or other unallocated accounts.

The plan was amended by the fourth amendment to the January 1, 2014 amended and restated plan document to correct certain operational failures relating to Employer matching contributions under the plan effective January 1, 1992; to add a provision to comply with the actual contribution percentage feature with respect to the after-tax savings deposit feature of the plan effective January 1, 2016; and to add a provision regarding the application of forfeiture or other unallocated accounts effective January 1, 2017. The Plan was amended and restated effective October 1, 2019 as a result of the acquisition of Nightstar Therapeutics PLC.

The Plan was amended by the sixth amendment effective September 6, 2021 to allow for systematic withdrawals following the retirement or termination of employment of a participant. The Plan was also amended by the seventh amendment effective December 22, 2021 to reflect changes in its administration of hardship withdrawals under the Bipartisan Budget Act of 2019. There were no amendments during the year ended December 31, 2022.

Administration of the Plan

The Plan is administered by a Plan administrator appointed by Biogen Inc. (the "Company" or "Employer"). The plan administrator may be an individual or a committee. Fidelity Management Trust Company is the trustee (the "Trustee") of the Plan.

Participation

Participation in the Plan is voluntary. Each employee of the Company and its subsidiaries and affiliates is eligible to participate in the Plan upon the attainment of age 21 unless the employees are: (a) a student employed on a temporary or casual basis; (b) an employee of a non-U.S. subsidiary or division of the Company; or (c) a member of a collective bargaining unit agreement. An otherwise eligible employee who is temporarily assigned by an employer to work for the Company or its subsidiaries or affiliates, or on a joint venture with the Company located outside of

the United States with the intent on the part of the employer that such employee will return to work as an eligible employee of the employer in the United States, will be treated as an employee in the class eligible to participate in the Plan during such temporary assignment.

Contributions

Eligible employees may make both before-tax and after-tax savings deposits (as described below) to the Plan in whole percentages of their gross salary ranging from a minimum of 1% to a maximum of 40%, subject to certain limitations. The Company will make matching contributions equal in value of 200% of up to the first 3% of the employee's eligible earnings, subject to certain limitations, into the same funds as selected by the participants for their own contributions. Following the end of each plan year, an additional true-up matching contribution may be made on behalf of an eligible participant, including eligible participants who terminated employment with the Company during the plan year, subject to certain IRS limitations. For the year ended December 31, 2022 and 2021, a true-up matching contribution of $5,882,379 and $6,069,598, respectively, was made by the Company, which is included in employer contributions receivable as of December 31, 2022 and 2021 within the statements of net assets available for plan benefits.

Rollovers from other qualified plans are also allowable by the Plan. During the year ended December 31, 2022, participant rollovers into the Plan were $18,764,033.

Participant Accounts

Fidelity Workplace Services, LLC is the Plan's recordkeeper. Each participant's account is credited with the participant's contribution, the Company's matching contribution and Plan earnings. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

A participant who terminated employment before January 1, 2008 is subject to the vesting provisions and vesting schedules in effect on his or her date of termination of employment. If a terminated participant whose account was wholly or partially forfeited returns to employment with the company within five years of his or her termination the amount forfeited will be restored.

Prior to January 1, 2008, participants fully vested in the Company's matching contribution on their 55th birthday or, before then, at a rate of 25% for each year of Plan service and were fully vested after four years of Plan service. Participants became 100% vested in Company's matching contributions upon retirement or termination of employment due to disability. At December 31, 2022 and 2021, participant forfeiture balances totaled $38,156 and $1, respectively. Forfeitures are used to offset future employer contributions. For the year ended December 31, 2022, $8,729 of the participant forfeiture balance was used to offset employer contributions.

Benefit Payments

Distributions are generally payable at termination of employment due to retirement, disability, death or any other reason. Distribution payments are made in cash once the participant or the beneficiary request the payment and the payment is processed. The non-vested portion of a terminated participant's matching contribution account, if any, will be forfeited by the employee on the day after the participant's termination of employment.

Notes Receivable from Participants

Participants may borrow against their accumulated balance and rollover accounts. Loans will bear an interest rate determined by the plan administrator, calculated using the Reuters Prime rate plus 1% at the time of inception of the loan. Repayment of loans is made by direct withholdings of a participant's salary for a period not to exceed five years (ten years for a residential loan). During 2020 and 2021, the Plan allowed for loan repayment deferment of one year Under the Coronavirus Aid, Relief, and Economic Security Act (CARES Act).

Participants are also permitted to pay outstanding loan balances following termination from employment with the Company. The minimum loan amount is $1,000. No participant loan will exceed the smaller of (i) 50% of the participant's account balance or (ii) $50,000 (reduced by the highest outstanding loan balance during the 12 months preceding the loan). Participants may have no more than two loans outstanding at any time. There is no minimum service requirement for a participant to be eligible for a loan.

Plan Amendments and Termination

The Company has the right to amend, suspend or terminate the Plan, but may not do so in a way which would reduce any participant's nonforfeitable account balance. If the Plan is terminated, the Trustee will continue to hold the assets of the Plan for distribution as directed by the Plan administrator. The Plan administrator will determine whether to direct the trustee to disburse the Plan's assets as immediate benefit payments, to retain and disburse them in the future or to follow any other advisable procedures. The Company currently has no intention to terminate the Plan.

2. Summary of Significant Accounting Policies

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America ("U.S. GAAP"), which require management to make estimates and assumptions that affect the reported amounts and disclosures in the financial statements. Actual results could differ from those estimates. The following is a summary of significant accounting policies which are in conformity with U.S. GAAP and consistently followed by the Plan in the preparation of its financial statements.

Basis of Accounting

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

Investments

Plan investments are stated at fair value. Investments in registered mutual funds (other than those that are exchange traded) or collective investment funds, if any, are valued at their respective net asset value. The funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the SEC. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded. Please see Note 3 for classification within the fair value hierarchy.

For mutual funds, purchases and sales of securities are recorded on a trade-date basis. Cost is determined on the average cost basis. Net appreciation or depreciation in fair value of mutual funds, which includes realized and unrealized gains or losses on investments, is reflected for the

year in the statement of changes in assets available for plan benefits. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. For collective investment funds, security transactions are accounted for as of the trade date. The investments in the collective investment funds are allocated to participant accounts based on the unit value of the fund. The net asset value (NAV), as provided by the underlying Fund's Trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund plus other assets less its liabilities. Net appreciation or depreciation in fair value of collective investment funds, which includes realized and unrealized gains or losses on investments, is reflected for the year in the statement of changes in plan assets available for plan benefits. During 2021, the Plan began investment in Wells Fargo Stable Value Fund C, which is a collective investment fund. Wells Fargo Stable Value Fund C has invested all of its assets in Wells Fargo Stable Return Fund G and the Plan and Wells Fargo Stable Value Fund C do not invest directly in fully benefit-responsive contracts.

Realized gains and losses from investment transactions are determined using the average cost method. Distributions received from underlying funds, if any, are recorded on the ex-dividend date and retain the character of income as earned by the underlying funds. The underlying funds may retain investment income and net realized gains or losses. Accordingly, realized and unrealized appreciation and depreciation reported by the Plan may include a component attributable to earnings of the underlying funds.

Notes Receivable

Notes receivable from participants are recorded at their unpaid principal balance plus any accrued but unpaid interest. If a participant ceased to make loan repayments and the Plan administrator deems the participant loan to be in default, the participant loan balance is reduced, and a benefit payment is recorded. No allowance for credit losses has been recorded as of December 31, 2022 and 2021.

Contributions

Employee contributions are recorded in the period in which the employee payroll deductions are made. Matching contributions from the Company are recorded in the period in which the employee payroll deductions are made and are allocated based upon the participants' contribution selections.

Payment of Benefits

Benefits are recorded when paid.

Income Taxes

No provision for income taxes has been made in the financial statements as the Plan qualifies as a tax-exempt entity under Section 401 of the Code. The Plan has received a favorable determination letter dated March 16, 2015 from the Internal Revenue Service (IRS). The Plan has since been amended. Management has asserted the Plan and its operations have been and continue to be in accordance with all applicable provisions of the Code and the Employee Retirement Income Security Act of 1974 ("ERISA").

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. The Plan administration has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes it is no longer subject to income tax examinations for years prior to 2019.

Expenses of the Plan

Administrative and audit fees are paid directly by the Company and, accordingly, such items are not reflected in the financial statements of the Plan. Expenses directly related to the investment transactions and loans of the Plan are paid by the Plan.

During the year ended December 31, 2022 the Plan Trustee repaid a total of $1,468,366 to plan participants as part of an expense recapture program. These amounts are distributed quarterly to participant accounts on a pro-rata basis.

Subsequent Events

The Plan evaluated all events or transactions that occurred after December 31, 2022 up through September 28, 2023, the date the Plan's financial statements were available to be issued. In September 2020 the U.S. District Court for the District of Massachusetts consolidated two cases filed against Biogen Inc, its Board of Directors and Retirement Committee in July and August 2020 by participants of the Plan, alleging breach of fiduciary duty under ERISA and seeking a declaration of the action as a class action and monetary and other relief. In June 2023 the parties reached a settlement in principle requiring payment of $9.75M (a portion of which would be distributed to Plan beneficiaries), subject to approval of the settlement by the court.

3. Fair Value Measurements

Fair value is defined as the price that would be received for an asset or the exit price that would be paid to transfer a liability in the principal or most advantageous market in an orderly transaction between market participants on the measurement date. The Plan follows an established fair value hierarchy that requires an entity to maximize the use of observable inputs, where available. The following summarizes the three levels of inputs required.

Level 1 Fair values are determined utilizing quoted prices (unadjusted) in active markets for identical assets or liabilities that we can access;

Level 2 Fair values are determined utilizing quoted prices for identical or similar assets and liabilities in the active markets or other market observable inputs such as interest rates, yield curves and foreign currency spot rates; and

Level 3 Prices or valuations that require inputs that are both significant to the fair value measurement and unobservable.

A financial instrument's level within the fair value hierarchy is based on the lowest level of input that is significant to the fair value measurement.

These financial assets have been initially valued at the transaction price and subsequently valued, at the end of each reporting period, typically utilizing the net asset value per Trustee or other market observable data.

The Plan validates prices provided by its Trustee by reviewing their pricing methods and confirming that the relevant markets are active. After completing the validation procedures, the Plan did not adjust or override any fair value measurements provided by their Trustee as of December 31, 2022 and 2021, respectively.

The following table sets forth by level, within the fair value hierarchy, the Plan's investments at fair value as of December 31, 2022:

	Level 1	Level 2	Level 3	Other Investments	Total
Mutual Funds					
Large-Cap stock investments	$ —	$ 290,753,333	$ —	$ —	$ 290,753,333
Mid-Cap stock investments	—	123,496,658	—	—	123,496,658
Small-Cap stock investments	—	76,135,307	—	—	76,135,307
International stock investments	—	50,023,191	—	—	50,023,191
Blended fund investments	—	605,909,344	—	—	605,909,344
Bond investments	—	83,485,544	—	—	83,485,544
Short-term investments	—	61,609,957	—	—	61,609,957
Collective Investment Funds					
Large-Cap stock investments	—	—	—	185,905,547	185,905,547
Mid-Cap stock investments	—	—	—	53,982,532	53,982,532
International stock investments	—	—	—	39,697,981	39,697,981
Stable value investments	—	—	—	12,274,500	12,274,500
Total investments at fair value	$ —	$ 1,291,413,334	$ —	$ 291,860,560	$ 1,583,273,894

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2021:

	Level 1	Level 2	Level 3	Other Investments	Total
Mutual Funds					
Large-Cap stock investments	$ —	$ 367,863,954	$ —	$ —	$ 367,863,954
Mid-Cap stock investments	—	160,585,695	—	—	160,585,695
Small-Cap stock investments	—	108,005,447	—	—	108,005,447
International stock investments	—	62,248,837	—	—	62,248,837
Blended fund investments	—	712,108,149	—	—	712,108,149
Bond investments	—	107,940,074	—	—	107,940,074
Short-term investments	—	57,971,962	—	—	57,971,962
Collective Investment Funds					
Large-Cap stock investments	—	—	—	298,481,550	298,481,550
Mid-Cap stock investments	—	—	—	59,477,597	59,477,597
International stock investments	—	—	—	55,164,770	55,164,770
Stable value investments	—	—	—	544,964	544,964
Total investments at fair value	$ —	$ 1,576,724,118	$ —	$ 413,668,881	$ 1,990,392,999

Changes in Fair Value Levels

The availability of observable market data is monitored to assess the appropriate classification of financial instruments within the fair value hierarchy. Changes in economic conditions or model‑based valuation techniques may require the transfer of financial instruments from one fair value level to another. In such instances, the transfer is reported at the beginning of the reporting period. For the year ended December 31, 2022 there were no transfers among Levels 1, 2, or 3.

In accordance with subtopic 820-10, certain investments that are measured at fair value using the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in the table are intended to permit reconciliation of the fair value hierarchy to the amounts presented in the statement of net assets available for plan benefits.

Participants can enter and exit out of funds each business day with no restrictions.

The following tables set forth a summary of the Plan's investment whose values were estimated using a reported NAV as of December 31, 2022 and 2021:

	December 31, 2022				
Investment	Fair Value	Unfunded Commitment	Redemption Frequency	Other Redemption Restrictions	Redemption Notice Period
Large-Cap stock investments	$ 185,905,547	$—	Daily	None	None
Mid-Cap stock investments	53,982,532	—	Daily	None	None
International stock investments	39,697,981	—	Daily	None	None
Stable value investments	12,274,500	—	Daily	None	None
Total	$ 291,860,560	$—			

	December 31, 2021				
Investment	**Fair Value**	**Unfunded Commitment**	**Redemption Frequency**	**Other Redemption Restrictions**	**Redemption Notice Period**
Large-Cap stock investments	$ 298,481,550	$—	Daily	None	None
Mid-Cap stock investments	59,477,597	—	Daily	None	None
International stock investments	55,164,770	—	Daily	None	None
Stable value investments	544,964	—	Daily	None	None
Total	$ 413,668,881	$—			

4. Notes Receivable From Participants

At December 31, 2022 and 2021, the Plan had notes receivable from participants aggregating $12,096,505 and $12,635,596, respectively. Interest rates on the loans ranged from 4.25% to 8.50% at December 31, 2022 and December 31, 2021. The loans are collateralized by the participants' account in the Plan.

5. Summary of Financial Information Certified by the Trustee

The following is a summary of the financial information certified by Fidelity Management Trust Company as complete and accurate, as permitted under Section 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA:

	For the Year Ended December 31,	
	2022	**2021**
Statements of net assets available for plan benefits		
Mutual Funds	$ 1,291,413,334	$ 1,576,724,118
Collective Investment Trusts	291,860,560	413,668,881
Total investments	$ 1,583,273,894	$ 1,990,392,999
Notes receivable from participants	$ 12,096,505	$ 12,635,596

	Year Ended December 31, 2022
Statement of changes in net assets available for plan benefits	
Dividends and interest income	$ 85,530,381
Loan repayment (interest)	$ 582,589
Net appreciation in fair value of mutual fund investments	$ (363,087,812)
Net appreciation in fair value of collective investment funds	$ (112,720,935)

In addition, the information included within the supplemental schedule was certified by Fidelity Management Trust Company.

6. Related Party and Party-in-Interest Transactions

Certain employees of Biogen Inc. perform administrative work and financial reporting for the Plan and are not compensated by the Plan. Additionally, the Plan's assets include investments in mutual funds and collective investment funds for which Fidelity Management & Research Company LLC

provides investment advisory services. Fidelity Management & Research Company LLC is an affiliate of both Fidelity Management Trust Company and Fidelity Workplace Services LLC. Accordingly, these transactions, as well as participant loans and expenses, qualify as party-in-interest transactions. Administration expenses paid by the Company in connection with the administration of the Plan and revenue sharing payments are considered related party transactions. The Company, in its role as plan sponsor, is considered a related party to the Plan. The Company contributed $52,942,357 to the Plan for the year ended December 31, 2022.

7. Risks and Uncertainties

The Plan invests in various investment securities, including mutual funds and collective investment funds. 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 the amounts reported in the statement of net assets available for plan benefits. The ongoing geopolitical tensions related to the conflict in Ukraine, and the related sanctions and other penalties imposed, are creating substantial uncertainty in the global economy. The extent and duration of the conflict, sanctions and resulting market disruptions are highly unpredictable. The extent of the impact of the ongoing geopolitical conflict on the Plan's net assets available for benefits, contributions, and benefit obligations will depend on future developments.

Supplemental Schedule

Biogen 401(k) Savings Plan
Schedule H, Part IV, Item 4i - Schedule of Assets (Held at End of Year)
As of December 31, 2022

Investments in Mutual Funds

(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
*	Fidelity Investments	Fidelity 500 Index Fund	**	$ 171,740,057
*	Fidelity Investments	Fidelity Freedom 2040 Class K	**	132,737,584
*	Fidelity Investments	Fidelity Freedom 2045 Class K	**	96,206,250
*	Fidelity Investments	Fidelity Freedom 2035 Class K	**	93,027,516
	T. Rowe Price	T. Rowe Price Mid Cap Growth Fund	**	76,959,079
*	Fidelity Investments	Fidelity Freedom 2050 Class K	**	75,152,480
*	Fidelity Investments	Fidelity Freedom 2030 Class K	**	70,542,166
	The Vanguard Group, Inc.	Vanguard Prime Money Market Fund	**	61,609,957
	New York Life Investments	Mainstay Winslow Large Cap Growth Class I	**	59,821,678
	Columbia Threadneedle Investments	Columbia Dividend Income Class I	**	59,191,598
	John Hancock	John Hancock Disciplined Value Mid-Cap Class R6	**	46,537,579
	Dodge & Cox	Dodge & Cox Income Fund	**	45,450,438
	The Vanguard Group, Inc.	Vanguard Explorer Admiral Fund	**	41,822,446
*	Fidelity Investments	Fidelity Puritan Class K	**	38,550,654
	The Vanguard Group, Inc.	Vanguard Total Bond Market Institutional Fund	**	38,035,106
	MFS	MFS New Discovery Class R6	**	34,312,861
*	Fidelity Investments	Fidelity Freedom 2055 Class K	**	32,905,772
*	Fidelity Investments	Fidelity International Equity Fund	**	30,423,243
*	Fidelity Investments	Fidelity Freedom 2025 Class K	**	29,108,104
	Capital Group	AF EuroPacific Growth Class R6	**	19,599,947
*	Fidelity Investments	Fidelity Freedom 2020 Class K	**	15,978,093
*	Fidelity Investments	Fidelity Freedom K 2060 Class K	**	11,421,464
*	Fidelity Investments	Fidelity Freedom Income Class K	**	2,719,226
*	Fidelity Investments	Fidelity Freedom 2015 Class K	**	2,535,782
*	Fidelity Investments	Fidelity Freedom 2010 Class K	**	2,172,082
*	Fidelity Investments	Fidelity Freedom 2065 Class K	**	1,647,881
*	Fidelity Investments	Fidelity Freedom 2005 Class K	**	1,204,292
				$ 1,291,413,334

Investments in Collective Investment Trusts

(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
*	Fidelity Investments	Fidelity Growth Company Pool	**	185,905,547
*	Fidelity Investments	Fidelity Low Priced Stock Pool	**	53,982,532
*	Fidelity Investments	Fidelity Diversified International Pool	**	39,697,981
	Galliard Capital Management, LLC	Galliard Stable Return Fund C	**	12,274,500
				$ 291,860,560

Notes Receivable from Participants

*		(interest rate range 4.25% to 8.50% and maturity dates range from January 2023 to October 2032)		12,096,505
				$ 1,595,370,399

* Party-in-interest

** Cost information is not required for participant-directed accounts

The information in this schedule has been certified as to its completeness and accuracy by the Trustee

Biogen 401(k) Savings Plan
Schedule H, Part IV, Item 4i - Schedule of Assets (Held at End of Year)
As of December 31, 2022

Investments in Mutual Funds

(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
*	Fidelity Investments	Fidelity 500 Index Fund	**	$ 171,740,057
*	Fidelity Investments	Fidelity Freedom 2040 Class K	**	132,737,584
*	Fidelity Investments	Fidelity Freedom 2045 Class K	**	96,206,250
*	Fidelity Investments	Fidelity Freedom 2035 Class K	**	93,027,516
	T. Rowe Price	T. Rowe Price Mid Cap Growth Fund	**	76,959,079
*	Fidelity Investments	Fidelity Freedom 2050 Class K	**	75,152,480
*	Fidelity Investments	Fidelity Freedom 2030 Class K	**	70,542,166
	The Vanguard Group, Inc.	Vanguard Prime Money Market Fund	**	61,609,957
	New York Life Investments	Mainstay Winslow Large Cap Growth Class I	**	59,821,678
	Columbia Threadneedle Investments	Columbia Dividend Income Class I	**	59,191,598
	John Hancock	John Hancock Disciplined Value Mid-Cap Class R6	**	46,537,579
	Dodge & Cox	Dodge & Cox Income Fund	**	45,450,438
	The Vanguard Group, Inc.	Vanguard Explorer Admiral Fund	**	41,822,446
*	Fidelity Investments	Fidelity Puritan Class K	**	38,550,654
	The Vanguard Group, Inc.	Vanguard Total Bond Market Institutional Fund	**	38,035,106
	MFS	MFS New Discovery Class R6	**	34,312,861
*	Fidelity Investments	Fidelity Freedom 2055 Class K	**	32,905,772
*	Fidelity Investments	Fidelity International Equity Fund	**	30,423,243
*	Fidelity Investments	Fidelity Freedom 2025 Class K	**	29,108,104
	Capital Group	AF EuroPacific Growth Class R6	**	19,599,947
*	Fidelity Investments	Fidelity Freedom 2020 Class K	**	15,978,093
*	Fidelity Investments	Fidelity Freedom K 2060 Class K	**	11,421,464
*	Fidelity Investments	Fidelity Freedom Income Class K	**	2,719,226
*	Fidelity Investments	Fidelity Freedom 2015 Class K	**	2,535,782
*	Fidelity Investments	Fidelity Freedom 2010 Class K	**	2,172,082
*	Fidelity Investments	Fidelity Freedom 2065 Class K	**	1,647,881
*	Fidelity Investments	Fidelity Freedom 2005 Class K	**	1,204,292
				$ 1,291,413,334

Investments in Collective Investment Trusts

(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
*	Fidelity Investments	Fidelity Growth Company Pool	**	185,905,547
*	Fidelity Investments	Fidelity Low Priced Stock Pool	**	53,982,532
*	Fidelity Investments	Fidelity Diversified International Pool	**	39,697,981
	Galliard Capital Management, LLC	Galliard Stable Return Fund C	**	12,274,500
				$ 291,860,560

Notes Receivable from Participants

*		(interest rate range 4.25% to 8.50% and maturity dates range from January 2023 to October 2032)		12,096,505
				$ 1,595,370,399

* Party-in-interest

** Cost information is not required for participant-directed accounts

The information in this schedule has been certified as to its completeness and accuracy by the Trustee