

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 10/01/2022 and ending 09/30/2023	
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 NEW ENGLAND BIOLABS, INC. 401(K) PLAN
1b	Three-digit plan number (PN) ▶ 004
1c	Effective date of plan 10/01/1991
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) NEW ENGLAND BIOLABS, INC. 240 COUNTY ROAD IPSWICH, MA 01938-2723
2b	Employer Identification Number (EIN) 04-2631963
2c	Plan Sponsor's telephone number 978-380-7485
2d	Business code (see instructions) 325900

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.	08/14/2025	BRIAN TINGER
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	08/14/2025	BRIAN TINGER
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN 4d PN
5 Total number of participants at the beginning of the plan year	5 601
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) 527 6a(2) 520 6b 0 6c 99 6d 619 6e 1 6f 620 6g 551 6h 5
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2R 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) ☒ 2 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 10/01/2022 and ending 09/30/2023	
A Name of plan NEW ENGLAND BIOLABS, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶ 004
C Plan sponsor's name as shown on line 2a of Form 5500 NEW ENGLAND BIOLABS, INC.	D Employer Identification Number (EIN) 04-2631963

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
PRINCIPAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
42-0127290	61271	525361	620	10/01/2022	09/30/2023

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

(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4 Current value of plan's interest under this contract in the general account at year end.....	4	0
5 Current value of plan's interest under this contract in separate accounts at year end.....	5	22548368

6 Contracts With Allocated Funds:**a** State the basis of premium rates ▶**b** Premiums paid to carrier**6b****c** Premiums due but unpaid at the end of the year**6c****d** If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.....**6d**

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity(3) ☐ other (specify) ▶**f** If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ☐**7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)****a** Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee
(3) ☐ guaranteed investment (4) ☐ other ▶**b** Balance at the end of the previous year**7b****c** Additions: (1) Contributions deposited during the year**7c(1)**

(2) Dividends and credits.....

7c(2)

(3) Interest credited during the year.....

7c(3)

(4) Transferred from separate account.....

7c(4)

(5) Other (specify below)

7c(5)

▶

(6) Total additions.....

7c(6)**d** Total of balance and additions (add lines **7b** and **7c(6)**)**7d****e** Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year

7e(1)

(2) Administration charge made by carrier.....

7e(2)

(3) Transferred to separate account.....

7e(3)

(4) Other (specify below)

7e(4)

▶

(5) Total deductions.....

7e(5)**f** Balance at the end of the current year (subtract line **7e(5)** from line **7d**)**7f****0**

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

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

9 Experience-rated contracts:

a Premiums: (1) Amount received	9a(1)		
(2) Increase (decrease) in amount due but unpaid	9a(2)		
(3) Increase (decrease) in unearned premium reserve	9a(3)		
(4) Earned ((1) + (2) - (3))		9a(4)	
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 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 10/01/2022 and ending 09/30/2023		
A Name of plan NEW ENGLAND BIOLABS, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	004
C Plan sponsor's name as shown on line 2a of Form 5500 NEW ENGLAND BIOLABS, INC.	D Employer Identification Number (EIN) 04-2631963	

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 NEW YORK LIFE INSURANCE 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
13-5582869	66915	GA85163	599	10/01/2022	09/30/2023

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.
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(a) Total amount of commissions paid	(b) Total amount of fees paid
0	0

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end.....	4	0
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	0

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

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

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

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

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

b	Balance at the end of the previous year	7b	9961739
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c	Additions: (1) Contributions deposited during the year	7c(1)	495954	
	(2) Dividends and credits	7c(2)	215836	
	(3) Interest credited during the year	7c(3)		
	(4) Transferred from separate account	7c(4)		
	(5) Other (specify below)	7c(5)	1397449	

▶ ROLLOVER CONTRIBUTIONS, LOAN PAYMENT, INVESTMENT TRANSFERS, EARNINGS ADJUSTMENTS,

(6) Total additions	7c(6)	2109239
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	12070978
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	4690093	
(2) Administration charge made by carrier	7e(2)	11830	
(3) Transferred to separate account	7e(3)		
(4) Other (specify below)	7e(4)	79832	

▶ LOAN WITHDRAWAL, CONTRIBUTION CREDIT, REFUNDS

(5) Total deductions	7e(5)	4781755
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	7289223
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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 10/01/2022 and ending 09/30/2023	
A Name of plan NEW ENGLAND BIOLABS, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶ 004
C Plan sponsor's name as shown on line 2a of Form 5500 NEW ENGLAND BIOLABS, INC.	D Employer Identification Number (EIN) 04-2631963

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
PRINCIPAL LIFE INSURANCE COMPANY
42-0127290

(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)

PRINCIPAL LIFE INSURANCE COMPANY

42-0127290

(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?
13 37 50 64	CONTRACT ADMINISTRATOR	161233	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

CARON & BLETZER

04-3499945

(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?
10 99	ACCOUNTANT	0	Yes ☒ No ☐	Yes ☐ No ☒	9700	Yes ☐ No ☒

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

MORGAN STANLEY

26-4310632

(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 99	INVESTMENT ADVISORY	0	Yes ☒ No ☐	Yes ☐ No ☒	75000	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
CARON & BLETZER	10 99	9700
(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.	
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	ACCOUNTANT (INCLUDING AUDIT)	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
MORGAN STANLEY	27 99	75000
(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.	
PRINCIPAL LIFE INSURANCE COMPANY 42-0127290	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.	

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.
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For calendar plan year 2022 or fiscal plan year beginning 10/01/2022 and ending 09/30/2023		
A Name of plan NEW ENGLAND BIOLABS, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	004
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 NEW ENGLAND BIOLABS, INC.	D Employer Identification Number (EIN) 04-2631963	

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: PRIN LGCP S&P 500 INDEX SA-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-016	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 15033105	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN SMCAP S&P 600 INDEX SA-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-028	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2402262	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN MIDCAP S&P 400 IDX SA-Z			
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY			
c EIN-PN 42-0127290-023	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2873874	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2010 CIT U			
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO			
c EIN-PN 26-6447574-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2015 CIT U			
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO			
c EIN-PN 26-6447574-002	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 382812	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2020 CIT U			
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO			
c EIN-PN 26-6447574-003	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3154737	
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2025 CIT U			
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO			
c EIN-PN 26-6447574-004	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6814568	

a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HYB 2030 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-005	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 18128457
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HB 2035 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-006	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11893765
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HB 2040 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-007	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 14571136
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HB 2045 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-008	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10359893
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2050 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-009	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7552402
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2055 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-010	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4001113
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY INC CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-011	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 603349
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN BLUE CHIP SA-Z		
b Name of sponsor of entity listed in (a): PRINCIPAL LIFE INSURANCE COMPANY		
c EIN-PN 42-0127290-133	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2239127
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2060 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-012	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1203211
a Name of MTIA, CCT, PSA, or 103-12 IE: PRIN LIFETIME HY 2065 CIT U		
b Name of sponsor of entity listed in (a): PRINCIPAL GLOBAL INVESTORS TRUST CO		
c EIN-PN 26-6447574-013	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 236467

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>10/01/2022</u> and ending <u>09/30/2023</u>		
A Name of plan <u>NEW ENGLAND BIOLABS, INC. 401(K) PLAN</u>		B Three-digit plan number (PN) <u>004</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>NEW ENGLAND BIOLABS, INC.</u>		D Employer Identification Number (EIN) <u>04-2631963</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)	1991942	1108840
(2) Participant contributions.....	1b(2)	3458745	2569074
(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)	907326	1033209
(9) Value of interest in common/collective trusts.....	1c(9)	76427970	78901911
(10) Value of interest in pooled separate accounts	1c(10)	20648566	22548368
(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)	22644133	19130572
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	9961739	7289223
(15) Other	1c(15)	11482533	9492944

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	147522954	142074141

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	147522954	142074141
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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)	3668324	
(B) Participants	2a(1)(B)	6495109	
(C) Others (including rollovers)	2a(1)(C)	12191397	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		22354830
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)	42943	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		42943
(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)	779796	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		779796
(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)		9837856
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		4145751
(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)		1970610
c Other income	2c		1735307
d Total income. Add all income amounts in column (b) and enter total	2d		40867093
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	45510687	
(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)		45510687
f Corrective distributions (see instructions)	2f		643986
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)	161233	
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		161233
j Total expenses. Add all expense amounts in column (b) and enter total	2j		46315906
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-5448813
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: **CARON & BLETZER**

(2) EIN: **04-3499945**

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		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 10/01/2022 and ending 09/30/2023		
A Name of plan NEW ENGLAND BIOLABS, INC. 401(K) PLAN		B Three-digit plan number (PN) 004
C Plan sponsor's name as shown on line 2a of Form 5500 NEW ENGLAND BIOLABS, INC.		D Employer Identification Number (EIN) 04-2631963

Part I

Distributions

All references to distributions relate only to payments of benefits during the plan year.

1

Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....

1

0

2

Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 42-0127290

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).....
b Enter the amount contributed by the employer to the plan for this plan year.....
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).....

6a

6b

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:	14a	
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).....	14b	
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)	14c	
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)		
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:	16a	
a Enter the number of employers who withdrew during the preceding plan year	16b	
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.....		
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 _____

NEW ENGLAND BIOLABS, INC. 401(k) PLAN

FINANCIAL STATEMENTS

September 30, 2023 and 2022 and
For the Year Ended September 30, 2023



CARON & BLETZER, PLLC

Certified Public Accountants and Business Consultants

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
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Certain supplemental schedules have been omitted because they are either not required or not applicable.



Independent Auditor's Report

To the Plan Administrator of the New England Biolabs, Inc. 401(k) Plan:

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

We have performed audits of the financial statements of the New England Biolabs, 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 statements of net assets available for benefits as of September 30, 2023 and 2022, and the related statement of changes in net assets available for benefits for the year ended September 30, 2023, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the 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 ("DOL") 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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA ("qualified institution").

Management has obtained certifications from a qualified institution as of September 30, 2023 and 2022, and for the year ended September 30, 2023, stating that the certified investment information, as described in Note F to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's 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 ("GAAP").
- the information in the accompanying financial statements related to assets which provide benefits under the plan and certified to by a qualified institution and 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 audits in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our 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 GAAP, 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 within one year after the date that the financial statements are issued or available to be issued.

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

Auditor's Responsibilities for the Audit of the Financial Statements

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 audits did not extend to the certified investment information, except for obtaining and reading the certifications, 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 GAAP.

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 GAAP.

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

The supplemental Schedule H, Line 4(i) - Schedule of Assets (Held at End of Year) as of September 30, 2023, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL'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 auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. 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 DOL'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 DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the certified information in the supplemental schedule related to assets which provides benefits under the plan and certified to by a qualified institution and 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).

Caron & Bleger, PLLC

Kingston, NH
August 12, 2025

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
September 30, 2023 and 2022

	2023	2022
Investments, at fair value:		
Common collective trusts	\$ 78,901,911	\$ 76,427,970
Mutual funds	19,130,572	22,644,133
Self-directed brokerage accounts	9,492,944	11,482,533
Pooled separate accounts	<u>22,548,368</u>	<u>20,648,566</u>
Total investments at fair value	130,073,795	131,203,202
Investments, at contract value:		
Fully benefit responsive investment contract	<u>7,289,223</u>	<u>9,961,739</u>
Total investments	137,363,018	141,164,941
Receivables:		
Notes receivable from participants	1,033,209	907,326
Participant contributions	2,569,074	3,458,745
Employer contributions	<u>1,108,840</u>	<u>1,991,942</u>
Total receivables	<u>4,711,123</u>	<u>6,358,013</u>
Total assets	142,074,141	147,522,954
Liabilities:		
Refunds payable	<u>575,518</u>	<u>625,350</u>
Net assets available for benefits	<u>\$ 141,498,623</u>	<u>\$ 146,897,604</u>

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

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
For the year ended September 30, 2023

	<u>2023</u>
Additions:	
Investment income:	
Net appreciation in fair value of investments	\$ 16,331,923
Dividend and interest income	<u>2,180,340</u>
	18,512,263
Contributions:	
Participant contributions	5,919,591
Employer contributions	3,668,324
Rollover contributions	<u>12,191,397</u>
	21,779,312
Total additions	40,291,575
Deductions:	
Distributions to participants	45,529,323
Administrative expenses	<u>161,233</u>
Total deductions	<u>45,690,556</u>
Net decrease	(5,398,981)
Net assets available for benefits:	
Beginning of year	<u>146,897,604</u>
End of year	<u>\$ 141,498,623</u>

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

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

A. PLAN DESCRIPTION:

The following description of the New England Biolabs, Inc. 401(k) Plan (the "Plan") provides only general information. Participants should refer to the plan document for more detailed information.

General

The Plan is a defined contribution plan sponsored by the New England Biolabs, Inc. (the "Company") covering substantially all employees who have attained the age of 21. Participants are eligible to enter the plan on their first day of employment. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended ("ERISA").

Contributions

Participants may contribute up to 80% of their eligible 401(k) compensation (as defined in the Plan), subject to Internal Revenue Code ("IRC") limitations. Participants may elect to contribute their funds as either pre-tax deferral or after-tax "Roth" contributions. Participants who are at least age 50 may make an additional pre-tax "catch-up" contribution subject to IRC limitations. Participants may also contribute funds from another qualified retirement plan ("rollover contributions"), subject to certain requirements.

The Company may make a discretionary match of the participants' contributions, as determined by the Company. For the plan year ended September 30, 2023, the Company matched participant contributions equal to 100% of the participant's elective deferrals up to 10% of the participant's eligible compensation.

Participant Accounts

Each participant's account is credited or charged with contributions, investment income, and administrative expenses. Investment income, including realized and unrealized gains and losses, and expenses are allocated to participants' accounts based on each participant's account balance within each fund. Participants determine the percentage in which contributions are to be invested in each fund. Participants may change their investment options as set forth in the plan document. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are fully vested in that portion of their account which represents their contributions and the income earned thereon. Participants become 100% vested in the Company's contributions and earnings thereon upon death, total and permanent disability, or attainment of normal retirement age. Otherwise, a participant's interest in the Company's contributions becomes fully vested after three years of service.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

Forfeitures

When certain terminations of participation in the Plan occur, the nonvested portion of the terminated participant's account represents a forfeiture, as defined by the Plan. If a forfeiting participant is re-employed and fulfills certain requirements, as set forth in the Plan, the participant's account will be restored. Forfeitures may be used to pay administrative expenses, reduce future employer contributions, or be allocated to plan participants. During 2023, \$281,484 in forfeitures were used to reduce the employer contribution and \$1,035 in forfeitures were used to pay plan expenses. There were \$269,203 and \$128,224 in unallocated forfeitures at September 30, 2023 and 2022, respectively.

Revenue Sharing Credit

The plan has a revenue sharing agreement with Principal Life Insurance Company. Principal Life Insurance Company will share in a revenue credit each quarter based on the average daily balance of assets for the quarter. The revenue received will remain an asset of Principal until such time the revenue is made available to use to offset plan expenses. These revenue credits may be used to pay qualified plan expenses including investment fees and audit fees, or be allocated to plan participants. During the year, the plan received \$59,181 of revenue credits, \$84,700 of which were used for plan expenses. This credit is included in net appreciation (depreciation) in fair value of investments in the statement of changes in net assets available for plan assets.

Distribution of Benefits

Benefits may be distributed to participants upon termination of employment by reason of retirement, disability, death or other separation from service. Distributions under the Plan may be made in lump sums or partial withdrawals. Participants with balances in the self-directed brokerage account may take an in-kind distribution.

A participant may also request a withdrawal upon attainment of age 59^{1/2} or upon demonstration by the participant to the plan administrator that the participant is suffering from "hardship", as defined in the plan document. Participants may also withdraw rollover contributions at any time.

Notes Receivable from Participants

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50 percent of their vested account balance. The loans are secured by the balance in the participant's account. Loans must bear a rate of interest equal to the prime rate plus 1%. All loans must be repaid within five years unless the proceeds are used to acquire a principal residence, in which case a longer repayment period is allowed. No more than one loan may be outstanding at any time. Principal and interest is generally paid ratably through payroll deductions each pay period.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

B. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

Basis of Accounting

The accompanying financial statements have been prepared using the accrual basis of accounting.

Investment Valuation and Income Recognition

Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract 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 on the measurement date. See Note C for discussion of fair value measurements.

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 appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

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. No allowance for credit losses has been recorded as of September 30, 2023 or 2022. Delinquent participant loans are reclassified as distributions based upon the terms of the plan document.

Payment of Benefits

Benefits are recorded when paid.

Plan Expenses

Substantially all expenses incurred in the administration of the Plan are paid by the plan sponsor or by the revenue sharing credits, except for loan processing and investment transaction fees. Expenses that are paid by the Company are excluded from these financial statements.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and changes therein, and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

C. FAIR VALUE MEASUREMENTS:

The framework for measuring fair value 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) and the lowest priority to unobservable inputs (level 3). The three levels of the fair value hierarchy under FASB ASC 820 are described as follows:

Level 1 - Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Level 2 - Inputs to the valuation methodology include quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

Level 3 - Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset 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.

Following is a description of the valuation methodologies used by the Plan. There have been no changes in the methodologies used at September 30, 2023 and 2022.

Common collective trusts – Valued at the net asset value of units of a collective trust. The net asset value, as provided by the fund manager, is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value.

Mutual funds – 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.

Self-directed brokerage accounts – Invest in mutual funds, common stock, US treasury notes, interest bearing cash, and exchange traded funds.

Common stocks – Valued at the closing price reported on the active market on which the individual securities are traded.

US treasury notes – Valued using pricing models maximizing the use of observable inputs for similar securities.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

Exchange traded funds – Valued at the closing price reported on the active market on which the individual securities are traded.

Pooled separate accounts – Valued at the net asset value of units of a pooled separate account. The net asset value, as provided by the contract issuer, is used as a practical expedient to estimate fair value. The net asset value is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient would not be used if it is determined to be probable that the fund will sell the investment for an amount different from the reported net asset value.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of September 30:

Description	2023			
	Total	Level 1	Level 2	Level 3
Mutual funds	\$ 19,130,572	\$ 19,130,572	\$ -	\$ -
Self-directed brokerage accounts	9,492,944	9,044,822	448,122	-
Total investments in the fair value hierarchy	28,623,516	<u>\$ 28,175,394</u>	<u>\$ 448,122</u>	<u>\$ -</u>
Investments measured at net asset value(1):				
Common collective trusts	78,901,911			
Pooled separate accounts	<u>22,548,368</u>			
Total investments measured at net asset value	<u>101,450,279</u>			
Total investments at fair value	<u>\$ 130,073,795</u>			

Description	2022			
	Total	Level 1	Level 2	Level 3
Mutual funds	\$ 22,644,133	\$ 22,644,133	\$ -	\$ -
Self-directed brokerage accounts	11,482,533	11,482,533	-	-
Total investments in the fair value hierarchy	34,126,666	<u>\$ 34,126,666</u>	<u>\$ -</u>	<u>\$ -</u>
Investments measured at net asset value(1):				
Common collective trusts	76,427,970			
Pooled separate accounts	<u>20,648,566</u>			
Total investments measured at net asset value	<u>97,076,536</u>			
Total investments at fair value	<u>\$ 131,203,202</u>			

(1) In accordance with Subtopic 820-10, certain investments that were measured at net asset value per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

Redemptions of the common collective trusts are allowed monthly on the valuation date, can be redeemed normally within 3 days of the valuation date but not to exceed 30 days of valuation date and have no unfunded commitments.

Pooled separate accounts, can be redeemed within seven business days after the last business day of the month, may require up to a 270-day notice period, and have no unfunded commitments.

D. INVESTMENT AT CONTRACT VALUE:

The Plan holds a traditional investment contract issued by New York Life Insurance Company (the contract issuer"). 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 Plan. Contract value represents contributions made under the contract, plus earnings, less participant withdrawals and administrative expenses.

With traditional investment contracts, the Plan owns only the contract itself. These contracts are designed to accrue interest based on crediting rates established by the contract issuers.

The traditional investment contract held by the Plan is a guaranteed investment contract. The contract issuer is contractually obligated to repay the principal and interest at a specified interest rate that is guaranteed to the Plan. The crediting rate is based on a formula established by the contract issuer but may not be less than 1.0 percent. Such interest rates are reviewed on a semi-annual basis for resetting.

The Plan must provide at least 30 days' written notice to the contract issuer to redeem its interest in this investment at contract value. Withdrawals from the contract cannot be more than 5% of the total amount held under the contract or be subject to a surrender charge.

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. Such events include the following: (1) amendments to the plan documents (including complete or partial plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan, or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA.

No events are probable of occurring that might limit the ability of the Plan to transact at contract value with the contract issuer and that would also limit the ability of the Plan to transact at contract value with the participants.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

E. TAX STATUS:

The Plan has adopted the pre-approved profit-sharing plan document of Principal Life Insurance Company. The pre-approved plan document sponsor received a favorable opinion letter dated June 30, 2020 in which the Internal Revenue Service ("IRS") stated that the form of the pre-approved plan was in compliance with the applicable requirements of the IRC. Although the Plan has been amended since receiving the opinion letter, the plan administrator believes that the Plan is designed and is currently being operated in compliance with the applicable requirements of the IRC and therefore believes that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States of America require 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 by the IRS. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

F. CERTIFIED INVESTMENTS:

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held at September 30, 2023 and 2022, and net appreciation (depreciation) in fair value of investments, and interest and dividends for the year ended September 30, 2023, was obtained by management and agreed to or derived from information certified as complete and accurate by Delaware Charter Guarantee and Trust Company d/b/a Principal Trust Company, the trustee of the Plan.

G. PARTIES-IN-INTEREST:

Section 3(14) of ERISA defines a party-in-interest to include, among others, fiduciaries or employees of the Plan, any person who provides services to the Plan or an employer whose employees are covered by the Plan. Accordingly, loans to participants and the management of investments held by the trustee are considered party-in-interest transactions.

H. PLAN TERMINATION:

Although the Plan was established with the intention that it will continue indefinitely, the Company retains the right to discontinue its contributions at any time or to terminate the Plan, subject to the provisions of ERISA. In the event of plan termination, all participants will become 100% vested in their accounts.

NEW ENGLAND BIOLABS, INC. 401(k) PLAN
NOTES TO FINANCIAL STATEMENTS

I. 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. Market risks include global events which could impact the value of investment securities. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the value 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 statements of net assets available for benefits.

J. SUBSEQUENT EVENTS:

The Company has evaluated subsequent events through August 12, 2025, the date these financial statements were available for issuance.

K. EXCESS CONTRIBUTIONS PAYABLE:

Amounts payable to participants for contributions in excess of amounts allowed by the IRS are recorded as a liability with a corresponding reduction to contributions. Excess participant contributions were refunded subsequent to year end.

L. RECONCILIATION OF FINANCIAL STATEMENTS TO FORM 5500:

The following is a reconciliation of net assets available for benefits on the financial statements to the Form 5500 as of September 30:

	2023	2022
Net assets available for benefits on the financial statements	\$ 141,498,623	\$ 146,897,604
Refunds payable on the financial statements not on the Form 5500	575,518	625,350
Net assets available for benefits on the Form 5500	<u>\$ 142,074,141</u>	<u>\$ 147,522,954</u>

The following is a reconciliation of participant contributions on the financial statements to the Form 5500 for the year ended September 30, 2023:

Participant contributions on the financial statements	\$ 5,919,591
Refunds payable on the financial statements not on the Form 5500	575,518
Participant contributions on the Form 5500	<u>\$ 6,495,109</u>

The following is a reconciliation of benefits paid to participants on the financial statements to the Form 5500 for the year ended September 30, 2023:

Benefits paid to participants on the financial statements	\$ 45,529,323
Refunds payable on the financial statements not on the form 5500	625,350
Benefits paid to participants on the Form 5500	<u>\$ 46,154,673</u>

NEW ENGLAND BIOLABS, INC. 401(k) PLAN

EIN: 04-2631963

Plan Number: 004

SCHEDULE H, LINE 4(i) - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

September 30, 2023

(a)	(b)	(c)	(d)	(e)
	Identity of issue, borrower, lessor or similar party	Description of investment including maturity date, rate of interest, collateral, par or maturity value	Cost	Current value
	<u>Investments at fair value:</u>			
*	Principal LifeTime Hybrid Income Fund	Common collective trust	**	\$ 603,350
*	Principal LifeTime Hybrid 2015 Fund	"	**	382,812
*	Principal LifeTime Hybrid 2020 Fund	"	**	3,154,737
*	Principal LifeTime Hybrid 2025 Fund	"	**	6,814,568
*	Principal LifeTime Hybrid 2030 Fund	"	**	18,128,457
*	Principal LifeTime Hybrid 2035 Fund	"	**	11,893,765
*	Principal LifeTime Hybrid 2040 Fund	"	**	14,571,136
*	Principal LifeTime Hybrid 2045 Fund	"	**	10,359,893
*	Principal LifeTime Hybrid 2050 Fund	"	**	7,552,402
*	Principal LifeTime Hybrid 2055 Fund	"	**	4,001,113
*	Principal LifeTime Hybrid 2060 Fund	"	**	1,203,211
*	Principal LifeTime Hybrid 2065 Fund	"	**	236,467
	Total common collective trusts			78,901,911
	BlackRock Hybrid Bond Inst Fund	Mutual fund	**	726,131
	BlackRock Inflation Protection Bond Instl Fund	"	**	992,615
	Metropolitan West Total Return Bond I Fund	"	**	966,102
	MFS Emerging Market Debt R3 Fund	"	**	8,096
	PIMCO International Bond Fund	"	**	587,328
	Vanguard Interim-Term Bond Index Adm Fund	"	**	938,833
	BlackRock Global Allocation Inst Fund	"	**	708,966
	BlackRock Equity Dividend Inv C Fund (Eq Dividend I Fund)	"	**	3,704,462
	JP Morgan MidCap Value I Fund	"	**	1,853,413
	Loomis Sayles Small Cap Value Instl Fund	"	**	836,612
	PGIM Jennison Mid Cap Growth Z Fund	"	**	1,712,405
	Harding Loevner International Equity Inst Fund	"	**	1,064,045
	MFS International Intrinsic Value R3 Fund	"	**	1,839,281
	Vanguard Total Intl Stock Index Adm Fund	"	**	1,630,340
	Virtus Emerging Markets Opportunities R6 Fund	"	**	883,229
	Cohen & Steers Realty Shares Fund	"	**	678,714
	Total mutual funds			19,130,572
*	Self-Directed Brokerage Accounts	Self-directed brokerage account	**	9,492,944
*	Principal Global Investors Blue Chip	Pooled separate account	**	2,239,127
*	Principal Global Investors LargeCap S&P 500 Index	"	**	15,033,105
*	Principal Global Investors MidCap S&P 400 Index	"	**	2,873,874
*	Principal Global Investors SmallCap S&P 600 Index	"	**	2,402,262
	Total pooled separate accounts			22,548,368
	Total investments at fair value			130,073,795
	<u>Investments, at contract value:</u>			
*	Fixed Income Guaranteed Option	Guaranteed investment contract	**	7,289,223
	Total investments on the statement of net assets available for benefits			137,363,018
*	Participant Loans	(3.25% - 8.50%)	-	1,033,209
	Total investments on the Form 5500			<u>\$ 138,396,227</u>
	** Cost omitted for participant directed investments.			
	* Denotes a party-in-interest to the Plan.			



SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

N E B, I. 401() P

EIN 04 2631963

PLAN NUMBER 004

PLAN YEAR 10/01/2022 TO 09/30/2023

(A)	(B) Identity of issuer, 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
	BlackRock	Registered Investment Company BlackRock Eq Dividend I Fund	\$ 0.00	\$ 3,704,461.72
	BlackRock	Registered Investment Company BlackRock Global Alloc Inst Fd	\$ 0.00	\$ 708,966.23
	BlackRock	Registered Investment Company BlackRock HY Bond Inst Fund	\$ 0.00	\$ 726,131.22
	Cohen & Steers	Registered Investment Company Cohen & Steers Realty Sh Fund	\$ 0.00	\$ 678,714.39
	Harding Loevner LP	Registered Investment Company Hard Loevn Intl Eqty Inst Fund	\$ 0.00	\$ 1,064,044.50
	JP Morgan Funds	Registered Investment Company JP Morgan MidCap Val I Fd	\$ 0.00	\$ 1,853,413.09
	Loomis Sayles	Registered Investment Company Loomis Sayl Sn Cp Val Instl Fd	\$ 0.00	\$ 836,611.80
	Metropolitan Life Insurance Co	Registered Investment Company Metro West Ttl Rtn Bd I Fund	\$ 0.00	\$ 966,101.77
	MFS Investment Management	Registered Investment Company MFS Emerging Markets Debt R3	\$ 0.00	\$ 8,095.95
	MFS Investment Management	Registered Investment Company MFS Intl Intrinsic Value R3 Fd	\$ 0.00	\$ 1,839,281.02
	New York Life Insurance Company	Insurance Company General NEW YORK LIFE GIA CL 10	\$ 0.00	\$ 7,289,223.02
*	Principal Life Insurance Company	Pooled Separate Accounts Prin Blue Chip SA-Z	\$ 0.00	\$ 2,239,127.19
*	Principal Funds Inc	Registered Investment Company Prin Inflation Prot Inst Fund	\$ 0.00	\$ 992,615.29
*	Principal Life Insurance Company	Pooled Separate Accounts Prin LgCp S&P 500 Index SA-Z	\$ 0.00	\$ 15,033,105.26
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy Inc CIT U	\$ 0.00	\$ 603,349.43

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

N E B, I. 401() P

EIN 04 2631963

PLAN NUMBER 004

PLAN YEAR 10/01/2022 TO 09/30/2023

(A)	(B) Identity of issuer, 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
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2050 CIT U	\$ 0.00	\$ 7,552,402.14
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2055 CIT U	\$ 0.00	\$ 4,001,113.16
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2060 CIT U	\$ 0.00	\$ 1,203,210.70
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hy 2065 CIT U	\$ 0.00	\$ 236,466.66
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2015 CIT U	\$ 0.00	\$ 382,811.84
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2020 CIT U	\$ 0.00	\$ 3,154,737.02
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2025 CIT U	\$ 0.00	\$ 6,814,568.02
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime Hyb 2030 CIT U	\$ 0.00	\$ 18,128,457.07
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime HB 2035 CIT U	\$ 0.00	\$ 11,893,765.49
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime HB 2040 CIT U	\$ 0.00	\$ 14,571,136.10
*	Principal Global Investors Trust Co	Common/Collective Trust Prin LifeTime HB 2045 CIT U	\$ 0.00	\$ 10,359,893.15
*	Principal Life Insurance Company	Pooled Separate Accounts Prin MidCap S&P 400 Idx SA-Z	\$ 0.00	\$ 2,873,874.09
*	Principal Life Insurance Company	Pooled Separate Accounts Prin SmCap S&P 600 Index SA-Z	\$ 0.00	\$ 2,402,261.54
	PGIM Investments	Registered Investment Company PGIM Jennison Md Cp Gth Z End	\$ 0.00	\$ 1,712,405.27
	PIMCO Funds	Registered Investment Company PIMCO Intl Bond (USD-Hdg) I Fd	\$ 0.00	\$ 587,327.52

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

SCHEDULE H, line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)

N E B, I. 401() P
EIN 04 2631963
PLAN NUMBER 004
PLAN YEAR 10/01/2022 TO 09/30/2023

(A)	(B) Identity of issuer, 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
	Schwab Funds	Brokerage Account Self-Directed Brokerage Acct	\$ 0.00	\$ 9,492,944.02
	Vanguard Group	Registered Investment Company Vanguard Int-Tm Bd Idx Adm Fd	\$ 0.00	\$ 938,833.07
	Vanguard Group	Registered Investment Company Vgd Ttl Intl Stk Idx Adm Fd	\$ 0.00	\$ 1,630,340.47
	Virtus	Registered Investment Company Virtus Von Emer Mar Opps R6 Fd	\$ 0.00	\$ 883,228.76
*	Participant Loans	Range of Interest Rates Rates Range From 3.25% To 8.50%	\$ 0.00	\$ 1,033,209.00

