

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

Part II	Basic Plan Information —enter all requested information
1a Name of plan U.S. ROCHE 401(K) SAVINGS PLAN	1b Three-digit plan number (PN) ▶ 003
	1c Effective date of plan 10/01/2012
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) GENENTECH, INC. 1 DNA WAY SOUTH SAN FRANCISCO, CA 94080	2b Employer Identification Number (EIN) 94-2347624 2c Plan Sponsor's telephone number 650-225-1000 2d Business code (see instructions) 325410

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/16/2023	ALAYNE GATTI
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 35700
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 22079
a(2) Total number of active participants at the end of the plan year		6a(2) 23512
b Retired or separated participants receiving benefits		6b 471
c Other retired or separated participants entitled to future benefits.....		6c 13855
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 37838
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 88
f Total. Add lines 6d and 6e		6f 37926
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 37722
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 422
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: 2F 2G 2J 2K 2R 3F 3H 2E		
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) ☐ 0 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 C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan U.S. ROCHE 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 GENENTECH, INC.	D Employer Identification Number (EIN) 94-2347624	

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
FIDELITY INV INST OPS CO. INC.
04-2647786

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

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

FIDELITY INV INST OPS CO. INC.

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64 37 65 71	RECORDKEEPER	1486631	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

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

CALLAN ASSOCIATES INC.

94-2192581

(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?
16 18	CONSULTANT	248295	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

RUSSELL INVESTMENTS

91-1934665

(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?
16	CONSULTANT	165092	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

RSM US LLP

42-0714325

(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	AUDITOR	53477	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

STATE STREET BANK AND TRUST CO

04-1867445

(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?
21	TRUSTEE	21996	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

Part I Service Provider Information (continued)

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

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVEST. INSTIT. OPS CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BROKERAGE LINK 22-0994270	INDIRECT SUPPORT FEE

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

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

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
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(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 01/01/2022 and ending 12/31/2022		
A Name of plan U.S. ROCHE 401(K) SAVINGS PLAN	B Three-digit plan number (PN) ►	003
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 GENENTECH, INC.	D Employer Identification Number (EIN) 94-2347624	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: ROCHE US DC PLANS MASTER TRUST		
b Name of sponsor of entity listed in (a): GENENTECH, INC.		
c EIN-PN 94-2347624-002	d Entity code M	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10580819787
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

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

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

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

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>U.S. ROCHE 401(K) SAVINGS PLAN</u>	B Three-digit plan number (PN) ►	<u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>GENENTECH, INC.</u>	D Employer Identification Number (EIN) <u>94-2347624</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)	202695907	248292249
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	63408694	64612263
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)	12135557868	10580819787
(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)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	12401662469	10893724299

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h	111257	126731
i Acquisition indebtedness	1i		
j Other liabilities	1j	4445254	22149343
k Total liabilities (add all amounts in lines 1g through 1j)	1k	4556511	22276074

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	12397105958	10871448225
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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)	374061418	
(B) Participants	2a(1)(B)	365421793	
(C) Others (including rollovers)	2a(1)(C)	39272372	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		778755583
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)	3607328	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		3607328
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)		
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		-1970058067
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-1187695156
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	603256730	
(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)		603256730
f Corrective distributions (see instructions)	2f		4294647
g Certain deemed distributions of participant loans (see instructions)	2g		251248
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	53477	
(2) Contract administrator fees	2i(2)	1488027	
(3) Investment advisory and management fees	2i(3)	405035	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1946539
j Total expenses. Add all expense amounts in column (b) and enter total	2j		609749164
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-1797444320
l Transfers of assets:			
(1) To this plan	2l(1)		271786587
(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: RSM US LLP

(2) EIN: 42-0714325

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		10000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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?		X	
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?		X	
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.)		X	
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?		X	
4k		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		X	
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan U.S. ROCHE 401(K) SAVINGS PLAN		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 GENENTECH, INC.		D Employer Identification Number (EIN) 94-2347624
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): 04-2647786		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☒ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☒ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?..... ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock?..... ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)..... ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?..... ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

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

**U.S. Roche 401(k)
Savings Plan –
Plan No. 003
EIN: 94-2347624**

Financial Report
December 31, 2022

Contents

Independent auditor's report	1-3
Financial statements	
Statements of net assets available for benefits	4
Statement of changes in net assets available for benefits	5
Notes to financial statements	6-23

Independent Auditor's Report

U.S. Roche DC Fiduciary Committee
U.S. Roche 401(k) Savings Plan

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

We have performed audits of the financial statements of the U.S. Roche 401(k) Savings Plan (the Plan), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statement of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year then ended December 31, 2022, 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 Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's (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 December 31, 2022 and 2021, and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate to the best of their knowledge and belief.

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:

- 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 (U.S. GAAP).
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our 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 audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Emphasis of Matter-Plan Mergers

As discussed in Note 1 to the financial statements, the Plan's sponsor approved the merger of the Roche U.S. Retirement Plan as well as another plan into the Plan during the year ended December 31, 2022. Our opinion has not been modified with respect to this matter.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with U.S. 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 certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of U.S. 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 U.S. 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.

RSM US LLP

New York, New York
October 13, 2023

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Statements of Net Assets Available for Benefits
December 31, 2022 and 2021
(Dollars in Thousands)

	2022	2021
Assets		
Plan interest in Roche U.S. Retirement Plans Master Trust	\$ 10,681,056	\$ 12,190,442
Employer's contributions receivable	248,292	202,696
Total assets	10,929,348	12,393,138
Liabilities		
Administrative expenses payable	127	111
Excess participant contributions payable	22,149	4,445
Total liabilities	22,276	4,556
Net assets available for benefits	\$ 10,907,072	\$ 12,388,582

See notes to financial statements.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2022
(Dollars in Thousands)

Investment income (loss):	
Plan interest in Roche U.S. Retirement Plans Master Trust investment loss	<u>\$ (1,922,302)</u>
Contributions:	
Employer	374,061
Participants	365,421
Rollover	39,272
Total contributions	<u>778,754</u>
Deductions from net assets attributed to:	
Benefits paid to participants	607,803
Administration and other fees	1,946
Total deductions	<u>609,749</u>
Net decrease before transfers	(1,753,297)
Transfers in	<u>271,787</u>
Net decrease in net assets available for benefits	(1,481,510)
Net assets available for benefits:	
Beginning	<u>12,388,582</u>
Ending	<u><u>\$ 10,907,072</u></u>

See notes to financial statements.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 1. Description of Plan

The following description of the U.S. Roche 401(k) Savings Plan (the Plan), provides only general information. Participants should refer to the Summary Plan Description for a more complete description of the Plan's provisions.

General: On October 1, 2012, the Roche Diagnostic Corporate Cash Accumulation Plan was combined with the Roche Savings and Pay Deferral Plan and the Genentech, Inc. Tax Reduction Investment Plan and was renamed to the U.S. Roche 401(k) Savings Plan, with Genentech, Inc. (collectively, the Employer or Plan Sponsor). The Plan was amended to include all active eligible employees of Hoffmann-La Roche Inc., and certain other affiliated companies. The Plan is a savings plan covering domestic employees of the Employer and its subsidiaries. The Plan was most recently amended and restated effective January 1, 2021. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

The U.S. Roche DC Fiduciary Committee (the Governance Committee) is responsible for all of the Plan's operations and oversight.

Plan mergers: Effective October 27, 2022, the Roche U.S. Retirement Plan merged into the Plan. The transfer in of assets of \$251,528 is reflected in the Plan financial statements. Effective October 28, 2022, the GenMark Diagnostics 401(k) Plan merged into the Plan. The transfer in of assets of \$20,259 is reflected in the Plan financial statements.

Eligibility: Pursuant to the provisions of the Plan, eligible employees who were eligible to participate in the predecessor plans on September 30, 2012, and continue as employees' shall continue to be eligible to participate in the Plan. Individuals eligible to participate under the Plan must be employees of the Employer or its U.S. affiliated companies. Such employees become immediately eligible upon hire. However, the following classes of employees are not eligible to participate: (1) any employee who is a member of a collective bargaining unit and who is covered by a collective bargaining agreement where retirement benefits were the subject of good faith bargaining, unless the agreement specifically provides coverage of such employee under the Plan; (2) any individual employed by any corporation or other business entity that is merged or liquidated into the Employer, or whose assets are acquired by any Employer, unless any two members of the Governance Committee for the Plan acting in their capacities as officers of the Employer rather than as fiduciaries with respect to the Plan designate in writing that the employees of that corporation or other business entity are eligible employees under the Plan; (3) any employee paid from a non-United States (U.S.) payroll; (4) an employee who does not have a U.S. social security number; (5) any employee who, as to any period of time, is classified or treated by an Employer as an independent contractor, a consultant, a leased employee (as defined under the Internal Revenue Code of 1986 (Code), as amended), or an employee of an employment agency or other entity, even if such employee is subsequently determined to have been a common-law employee of the Employer during such period; (6) an individual who is a party to an agreement that provides that he or she is not eligible, whether or not the agreement is upheld upon governmental or judicial review; (7) an individual who is eligible to participate in a non-U.S. jurisdiction retirement scheme, plan, or arrangement providing for retirement benefits, or (8) an individual who is classified by an Employer as an intern or co-op.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 1. Description of Plan (Continued)

Contributions: Eligible employees who elect to become participants may contribute through payroll deductions pre-tax, after-tax and/or Roth 401(k) contributions of 1% to 50% of their eligible compensation, as defined. Participants aged 50 years and older may include a pre-tax and/or Roth catch-up contribution of up to 75% of annual compensation. Each participant may also contribute up to 99% of his or her eligible bonus, as defined. Investment earnings are allocated proportionately among all participants' accounts in an amount that bears the same ratio of their account balance to the total fund balance. The Employer matches 100% of the participant's pre-tax, Roth and after-tax contributions (excluding catch-up contributions) up to a maximum of 4% of the participant's eligible compensation each payroll period. In no event shall the sum of a participant's pre-tax contributions and matched contributions under the Plan for any Plan year exceed the maximum amount allowable under the provisions of the Plan. In addition, each Employer shall contribute an additional non-elective contribution for certain participants in an amount equal to 6% of their eligible annual compensation, as defined.

At the end of the year, the Employer contributes a true-up match to those participants employed on the last financial business day of the year (unless termination was due to death, job elimination, or disability, as defined in the Plan) as an adjustment to take into account any changes in compensation or participant deferral elections, which may have occurred during the plan year. The amount of the additional match contributions for each eligible participant shall be equal to the difference, if any, between the payroll-by-payroll funded match contributions allocated to the eligible participant during the year and a matching contribution equal to 100% of the participant's pre-tax, after-tax and/or Roth contributions for the Plan year, but not to exceed 4% of the eligible participant's compensation for the plan year from which deferral elections were made or after the maximum deferral permitted by the Code was made for the plan year.

Excess contributions payable: Amounts payable to participants for contributions in excess of amounts allowed by the Internal Revenue Service (IRS) are recorded as a liability with a corresponding reduction to contributions. The Plan distributed 2022 excess contributions to the applicable participants subsequent to year end.

Participant accounts: Participant contributions, including earnings thereon, are fully vested at all times. Employer contributions made after December 31, 2010, are immediately 100% vested for those participants who were actively employed by the Employer on December 31, 2010, or were rehired after December 31, 2010, had a Plan account balance as of December 31, 2010, and were credited with at least three years of service as of the rehire date. For those participants who were actively employed by the Employer on June 1, 2016, all matching contributions are immediately 100% vested and non-elective contributions will be 0% vested until the participant completes three years of service, at which time, non-elective contributions will be 100% vested. Any non-vested Employer contributions will immediately become 100% vested and non-forfeitable if the Plan is terminated or upon the participant's death or termination of employment due to disability while the participant is still employed by the Employer or upon attainment of normal retirement age plus completion of five years or more of service while a participant is still employed by the Employer.

Each participant's account is credited with the Employer's contributions and Plan earnings and charged with an allocation of administrative expenses, if any. The benefit to which a participant is entitled is the vested benefit that can be provided from the participant's account. Allocations of administrative expenses are based on account balances, except for certain recordkeeping expenses which are paid on a per account basis. Contributions from participants include rollovers from other plans which amounted to \$39,272 for the year ended December 31, 2022.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 1. Description of Plan (Continued)

Participant investment options: Participants direct their account contributions to selected investment funds. Participants may change their investment options at any time throughout the year via access to Fidelity's website or phone system. If a participant fails to make an investment direction, contributions shall be invested in a premixed investment vehicle designed to provide investors with a diversified portfolio and asset allocation that is monitored and adjusted over time based on a targeted retirement date.

Vesting and forfeited accounts: Participants are vested immediately in their contributions plus actual earnings thereon. Vesting in the Employer's matching and non-elective contribution portion of their accounts is based on the date the Participants first completed an hour of service with the Employer and completed years of service, as defined, in accordance with the schedule below.

Participants who first completed an hour of service prior to January 1, 2011, under the Roche Savings and Pay Deferral Plan, you will become vested in the amounts credited as of December 31, 2010, to their matching account in accordance with the following schedule:

	<u>Vested Percentage</u>
Completed years of service:	
Less than 2	0%
2 but less than 3	25%
3 but less than 4	50%
4 but less than 5	75%
5 years or more	100%

Participants who first complete an hour of service with the Employer on or after January 1, 2011, and were not employed on June 1, 2016, shall be vested in Employer matching and non-elective contributions made between January 1, 2011 and May 31, 2016, as follows:

	<u>Vested Percentage</u>
Completed years of service:	
Less than 2	0%
2 but less than 3	20%
3 but less than 4	40%
4 but less than 5	60%
5 but less than 6	80%
6 or more	100%

Participants hired or rehired after May 31, 2016, shall continue to vest in Employer matching and non-elective contributions made prior to June 1, 2016, in accordance with the six-year vesting schedule above. Matching contributions made after June 1, 2016, shall be fully vested and non-elective contributions made after June 1, 2016, will vest as follows:

	<u>Vested Percentage</u>
Completed years of service:	
Less than 3	0%
3 or more	100%

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 1. Description of Plan (Continued)

Certain participants are subject to other vesting schedules related to their status as a participant in a previously merged-in plan.

Any forfeitures of nonvested amounts resulting from termination of continuous service are used to reduce subsequent Employer contributions to the Plan or reduce Plan administrative expenses. At December 31, 2022 and 2021, forfeited non-vested accounts totaled \$1,521 and \$1,826, respectively. During the year ended December 31, 2022, \$604 of the forfeited non-vested accounts were used to pay administrative expenses and \$5,001 of the forfeited non-vested accounts were used to reduce Employer contributions.

Benefits: Prior to the participant's attainment of age 55, and upon termination of service due to a participant's death, disability, retirement, termination of service for other reasons or authorized exercise of a participant's withdrawal rights under the Plan, a participant may receive a full or partial lump-sum distribution(s) at any time(s) prior to April 1 immediately following the calendar year in which the participant attains age 72 (age 70½ if born before July 1, 1949) or have a severance from employment, whichever is later. The amount distributed will be equal to the value of the participant's vested interest in his or her account. Upon termination, a participant must consent to a distribution if his or her account balance under the Plan exceeds \$5,000. Distributions are made upon receipt of the participant's or beneficiary's election directing the method of distribution. Participants who are age 55 and older may elect to receive a full or partial lump-sum distribution(s) at any time(s) prior to April 1 immediately following the calendar year in which the participant attains age 72 (age 70½ if born before July 1, 1949) or have a severance from employment, whichever is later, or a distribution in the form of monthly installments payable over five year increments of up to 30 years, with the ability to accelerate payment of the remaining Plan account balance in a lump sum at any time. The period of time over which such monthly installments are paid may be limited to comply with the minimum distribution requirements of Code Section 401(a)(9) and the amount of each estimated monthly installment may not be less than \$500 when payments commence. The amount of each installment will be determined by dividing the participant account balance at the time of each payment by the number of remaining installments or, if less, by the participant life expectancy.

Participants with balances related to a certain merged-in plan may elect to receive their vested benefits related to the assets they held in this merged-in plan as a life annuity payable monthly.

Plan participants can apply for a hardship withdrawal from their vested account within the limits specified by the IRS.

Notes receivable from participants: Participants may borrow from the Plan approved amounts of a minimum of \$1,000 up to a maximum equal to the lesser of 50% of the participant's vested account balance, or \$50,000, less the highest aggregate balance of all loans outstanding during the preceding 12 months. No more than one loan will be made to a participant in a 12-consecutive month period. Interest on the loans approximates the prime rate plus 2% on commercial loans at large U.S. money center commercial banks. The loans are collateralized by the participant's vested account and shall be repaid, over a period of up to five years, unless the loan is for the purchase of the participant's principal residence with term of up to 15 years. Trustee fees related to the establishment and administration of the loans are deducted from each of the applicable participant accounts.

Basis of presentation: The accompanying financial statements have been prepared on the accrual basis of accounting in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP).

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 2. Summary of Significant Accounting Policies

Use of estimates: The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein. Actual results could differ from those estimates.

Investment valuation and income recognition: The Plan's investment in the Roche U.S. Retirement Plan's Master Trust (Master Trust) is reported at fair value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date, except for the fully benefit-responsive investment contracts, which is reported by the Master Trust at contract value (see Note 5). See Note 4 for a discussion of fair value measurements.

Purchases and sales of securities are recorded on the trade-date basis. Dividend income is recorded on the ex-dividend date and interest income is recorded on the accrual basis. Net appreciation (depreciation) includes the Plan's interest in gains and losses from the Master Trust.

Payment of benefits: Benefits are recorded when paid.

Notes receivable from participants: Participant loans are classified as notes receivable from participants, which are segregated from plan investments and measured at their unpaid principal balance plus any accrued interest. Defaulted notes receivable from participants are recorded as a distribution based on the terms of the plan document.

Administrative expenses: Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Employer. Expenses that are paid by the Employer are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are incurred by the Master Trust and included in Plan interest in Master Trust investment loss.

Subsequent events: The Plan evaluates events occurring after the date of the financial statements to consider whether or not the impact of such events needs to be reflected and/or disclosed in the financial statements. Such evaluation is performed through the date the financial statements are available for issuance, which was October 13, 2023, for these financial statements.

Note 3. Assets Held in Master Trust and Information Certified and Provided by the Trustee

The Master Trust includes the investment of assets of the Plan and three other plans that are sponsored by companies affiliated with the Plan Sponsor. The assets of the Master Trust are held by State Street Bank & Trust Company. At December 31, 2022 and 2021, the Plan's interest in the net assets of the Master Trust was approximately 78.24% and 73.34%, respectively. The Plan either owns or shares ownership of individual pools of assets with other plans in the Master Trust. Investment income (loss) and administrative expenses relating to the Master Trust are allocated to the individual plans based upon the Plan's interest in investments held within Master Trust.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 3. Assets Held in Master Trust and Information Certified and Provided by the Trustee
(Continued)

The Plan Administrator has elected the method of compliance as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Plan Administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to the following information certified by State Street Bank & Trust Company, the Trustee of the Plan as of and for the years ended December 31, 2022 and 2021, except for comparing such information certified by the Trustee to the information included in the Plan's financial statements. The Plan Administrator has obtained certifications from the Trustee that the information provided to the Plan Administrator by the Trustee related to the following assets is complete and accurate to the best of their knowledge and belief.

The following table presents the fair value of investments held in the Master Trust and the Plan's proportional share, as certified by the Trustee, as of December 31, 2022 and 2021:

	2022		2021	
	Master Trust Balances	Plan's Interest in Master Trust Balances	Master Trust Balances	Plan's Interest in Master Trust Balances
Assets:				
Cash	\$ 15,789	\$ 10,112	\$ 16,171	\$ 9,832
Investments, at fair value:				
Asset-backed securities	680,093	608,334	735,261	637,913
Common or collective trusts and commingled funds	5,036,901	4,724,817	5,787,943	5,250,643
Corporate bonds	2,072,129	585,048	2,647,783	804,865
Equity securities	3,320,544	2,980,256	3,751,940	3,291,398
Exchange-traded funds	6,572	5,700	520	433
Government securities	900,328	211,678	1,466,640	352,578
Limited partnerships (a)	358,244	197,363	465,275	231,869
Self-directed accounts (b)	923,786	923,786	1,179,711	1,163,583
Total investments, at fair value	13,298,597	10,236,982	16,035,073	11,733,282
Investments, at contract value:				
Synthetic GICs	515,682	514,512	491,171	483,297
Total investments	13,814,279	10,751,494	16,526,244	12,216,579
Receivables:				
Notes receivable from participants (b)	64,648	64,612	63,667	63,409
Derivatives receivable	307,180	133,218	459,450	142,033
Receivables for investments sold	286,965	285,674	214,073	69,455
Dividends and interest receivable	42,807	33,493	38,056	27,912
Other receivables	44,495	22,932	45,750	28,675
Total receivables	746,095	539,929	820,996	331,484
Total assets	14,576,163	11,301,535	17,363,411	12,557,895
Liabilities:				
Accrued fees (c)	7,974	6,334	8,898	6,873
Derivative payable	317,052	136,629	445,906	141,149
Payables for investments purchased	516,956	461,644	263,213	213,956
Other liabilities	82,728	15,872	24,613	5,475
Total liabilities	924,710	620,479	742,630	367,453
Net assets of the Master Trust	\$ 13,651,453	\$ 10,681,056	\$ 16,620,781	\$ 12,190,442

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 3. Assets Held in Master Trust and Information Certified and Provided by the Trustee
(Continued)

- (a) Limited partnerships' net asset values have been adjusted by management to account for the lag between the certified statements and valuations provided by the respective limited partners as of December 31, 2022 and 2021, for \$(5,794) and \$(131,151), respectively. The adjustment was not certified.
- (b) Self-directed accounts and notes receivable from participants are not certified as of December 31, 2022 and 2021. Participant loans are classified as notes receivable from participants, which are segregated from plan investments and measured at their unpaid principal balance plus any accrued interest. Defaulted notes receivable from participants are recorded as a distribution based on the terms of the Plan document.
- (c) Included in liabilities but not certified are accrued administrative fees.

During 2022, the Master Trust's depreciation in the value of the investments (including investments bought, sold, as well as held during the year) and changes in net assets were as follows:

	<u>2022</u>
Increase (decrease) in Master Trust attributable to:	
Net depreciation in fair value for the Master Trust	\$ (3,171,456)
Dividend, interest and other income	267,915
Advisory fees and other administrative expenses	<u>(41,716)</u>
Total Master Trust loss	(2,945,257)
Transfers from plan level	1,595,736
Transfers to plan level	<u>(1,619,807)</u>
Decrease in net assets of Master Trust	(2,969,328)
Net assets:	
Beginning of year	16,620,781
Ending of year	<u><u>\$ 13,651,453</u></u>

Refer to Note 4 for a description of the valuation methodologies used.

The following table presents the net investment loss for the Plan, as certified by the Trustee, except for the adjustments previously disclosed above, for the Plan year ended December 31, 2022:

	<u>2022</u>
Total Master Trust loss	\$ (2,945,257)
Share of total Master Trust loss attributable to other plans	<u>(1,022,955)</u>
Share of total Master Trust loss attributable to the Plan	<u><u>\$ (1,922,302)</u></u>

Notes to Financial Statements
(Dollars in Thousands)

Note 4. Investments and Fair Value Measurements for Master Trust

Financial Accounting Standards Board (FASB) Accounting Standards Codification (ASC) 820, Fair Value Measurements and Disclosures, provides the framework for measuring fair value. The framework for measuring fair value provides a 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 below:

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

Following is a description of the valuation methodologies used by the Master Trust for assets measured at fair value. There have been no changes by the Master Trust in the methodologies used during the years ended December 31, 2022 and 2021:

Equity securities: Equity securities include both direct ownership in company shares, mutual funds and publicly traded REITs. Shares of registered investment companies (mutual funds) and publicly traded REITs are reported at fair value based on the quoted price of the fund, which represents the net asset value (NAV) of the shares held by the fund at year-end. Investments in common stock are stated at fair value. The fair value of the common stock is based on quotations obtained from national securities exchanges; where common stock are not listed on an exchange, quotations are obtained from brokerage firms.

The Master Trust also holds certain international equity securities, which are classified as Level 3 in the fair value hierarchy. These investments are not actively traded in active markets and are valued using unobservable inputs.

Notes to Financial Statements
(Dollars in Thousands)

Note 4. Investments and Fair Value Measurements for Master Trust (Continued)

Exchange-traded funds (ETFs): ETFs consist of shares of investment funds, which are traded on a public exchange and are regularly quoted. The fair value of the ETFs is based on quotations obtained from national securities exchanges.

Asset-backed securities: These include CMOs, FNMAs and other asset-backed securities. Fair values are based on third-party pricing sources obtained by the trustee. Pricing sources principally obtain broker-dealer quotes of such obligations or similar obligations to value these securities. In instances where broker-dealer quotes are not available, pricing sources utilize models that incorporate pertinent data, such as bid matrices.

Corporate bonds: Valued using pricing models maximizing the use of observable inputs for similar securities. This includes basing value on yields currently available on comparable securities of issuers with similar credit ratings.

Government securities: Valued using pricing models maximizing the use of observable inputs for similar securities.

The Master Trust also holds certain international government securities, which are classified as Level 3 in the fair value hierarchy. These investments are not actively traded in active markets and are valued using unobservable inputs.

Common or collective trusts, commingled funds and limited partnerships: The market value of investments is determined by valuations made by the fund managers or general partner. The investments are valued at the NAV at the end of the plan year as determined by the issuer based on the fair value of the underlying assets.

Self-directed accounts: Participants generally invest in cash equivalents, certificates of deposit, equity securities, mutual funds and fixed income securities for which the valuation methods used to measure the investments are consistent with valuation methods described above.

Derivative instruments: Listed derivatives that are actively traded are valued based on quoted prices from the exchange and are categorized in Level 1 of the fair value hierarchy. Over the counter (OTC) derivative contracts include forward, swap and option contracts related to interest rates, foreign currencies, credit standing of reference entities, equity prices or commodity prices. Depending on the product and the terms of the transaction, the fair value of the OTC derivative products can be modeled taking into account the counterparties' creditworthiness and using a series of techniques, including simulation models. Many pricing models do not entail material subjectivity because the methodologies employed do not necessitate significant judgments and the pricing inputs are observed from actively quoted markets, as is the case of interest rate swap and option contracts. A substantial majority of OTC derivative products valued by the Plan using pricing models fall into this category and are categorized within Level 2 of the fair value hierarchy.

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

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 4. Investments and Fair Value Measurements for Master Trust (Continued)

The following tables sets forth by level, within the fair value hierarchy, the Master Trust's financial instruments at fair value as of December 31, 2022 and 2021:

Investment at Fair Value as of December 31, 2022				
	Quotes Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Assets:				
Asset-backed securities	\$ -	\$ 680,093	\$ -	\$ 680,093
Corporate bonds	-	2,072,129	-	2,072,129
Equity securities	3,319,596	-	948	3,320,544
Exchange-traded funds	6,572	-	-	6,572
Government securities	-	900,138	190	900,328
Self directed account	897,608	26,178	-	923,786
Total investments in the fair value hierarchy	<u>\$ 4,223,776</u>	<u>\$ 3,678,538</u>	<u>\$ 1,138</u>	<u>7,903,452</u>
Investments measured at NAV (a)				5,395,145
Total investments, at fair value				<u>\$ 13,298,597</u>
 Credit default swaps	\$ -	\$ 1,661	\$ -	\$ 1,661
Swap contracts	-	148,996	-	148,996
Options	-	269	-	269
Foreign exchange contracts	-	156,142	-	156,142
Futures	-	112	-	112
Total derivatives receivable	<u>\$ -</u>	<u>\$ 307,180</u>	<u>\$ -</u>	<u>\$ 307,180</u>
 Liabilities:				
Credit default swaps	\$ -	\$ (425)	\$ -	\$ (425)
Swap contracts	-	(155,229)	-	(155,229)
Options	-	(1,158)	-	(1,158)
Foreign exchange contracts	-	(158,472)	-	(158,472)
Futures	-	(1,768)	-	(1,768)
Total derivatives payable	<u>\$ -</u>	<u>\$ (317,052)</u>	<u>\$ -</u>	<u>\$ (317,052)</u>

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 4. Investments and Fair Value Measurements for Master Trust (Continued)

Investment at Fair Value as of December 31, 2021				
	Quotes Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)	Total
Assets:				
Asset-backed securities	\$ -	\$ 735,261	\$ -	\$ 735,261
Corporate bonds	-	2,647,783	-	2,647,783
Equity securities	3,751,940	-	-	3,751,940
Exchange-traded funds	520	-	-	520
Government securities	-	1,466,640	-	1,466,640
Self directed account	1,172,401	7,310	-	1,179,711
Total investments in the fair value hierarchy	<u>\$ 4,924,861</u>	<u>\$ 4,856,994</u>	<u>\$ -</u>	<u>9,781,855</u>
Investments measured at NAV (a)				<u>6,253,218</u>
Total investments, at fair value				<u><u>\$ 16,035,073</u></u>
Derivatives:				
Credit default swaps	\$ -	\$ 26,596	\$ -	\$ 26,596
Swap contracts	-	218,854	-	218,854
Foreign exchange contracts	-	212,270	-	212,270
Futures	-	1,730	-	1,730
Total derivatives receivable	<u>\$ -</u>	<u>\$ 459,450</u>	<u>\$ -</u>	<u>\$ 459,450</u>
Liabilities:				
Credit default swaps	\$ -	\$ (20,234)	\$ -	\$ (20,234)
Swap contracts	-	(211,586)	-	(211,586)
Options	-	(196)	-	(196)
Foreign exchange contracts	-	(213,890)	-	(213,890)
Total derivatives payable	<u>\$ -</u>	<u>\$ (445,906)</u>	<u>\$ -</u>	<u>\$ (445,906)</u>

- (a) In accordance with guidance by FASB Accounting Standards Update 2015-07, Subtopic 820-10, certain investments that were measured at NAV per share (or its equivalent) have not been classified in the fair value hierarchy. The fair value amounts presented in these tables are intended to permit reconciliation of the fair value hierarchy to line items presented in Note 3.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 4. Investments and Fair Value Measurements for Master Trust (Continued)

The following table presents the changes in the Master Trust's investments classified in Level 3 of the fair value hierarchy for the year ended December 31, 2022:

	Equity Securities	Government Securities
Balance, January 1, 2022	\$ -	\$ -
Realized gains (losses)	-	-
Unrealized gains (losses)	(9,743)	(147)
Purchases	3,862	337
Sales	-	-
Transfers into Level 3	6,829	-
Transfers out of Level 3	-	-
Balance, December 31, 2022	<u>\$ 948</u>	<u>\$ 190</u>
Change in unrealized gains (losses) during the period for assets still held at December 31, 2022	<u>\$ (9,743)</u>	<u>\$ (147)</u>

Transfers from Levels 1 and 2 to Level 3 generally relate to whether significant unobservable inputs are used for the fair value measurements.

The following tables sets forth additional disclosures of the Master Trust's investments whose fair value is estimated using NAV per share as a practical expedient as of December 31, 2022 and 2021:

	2022 Fair Value	2021 Fair Value	2022 Unfunded Commitments	2021 Unfunded Commitments	Redemption Frequency (if Currently Eligible)	Redemption Notice Period
Common or Collective Trusts, Commingled:						
Funds and Limited Partnerships:						
Commodities (a)	\$ 196,831	\$ 127,088	\$ -	\$ -	Daily (1)	None
	-	39,038	-	-	Monthly	5 Days
Fixed income (b)	844,232	1,107,946	-	-	Daily (1)	None
Infrastructure (d)	72,337	65,823	-	-	Daily (1)	None
International equity (e)	396,471	491,784	-	-	Daily (1)	None
Private equity (f)	164,970	268,736	11,329	11,724	Upon dissolution	None
Real estate (g)	122,004	153,414	-	-	Daily	None
	65,372	61,964	-	-	Monthly (2)	None
	32,392	39,165	-	-	Quarterly	60 Days
Short-term investment fund (h)	194,231	204,834	-	-	Daily	None
U.S. equity (i)	3,306,305	3,693,426	-	-	Daily (1)	None
	<u>\$ 5,395,145</u>	<u>\$ 6,253,218</u>	<u>\$ 11,329</u>	<u>\$ 11,724</u>		

(1) Redemption frequency for participant-directed activity is daily with no limits. Redemption frequency for sponsor-directed redemptions is generally daily, but subject to varying limits set by investment managers.

(2) Redemption frequency is monthly, but based on fund's liquidity.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 4. Investments and Fair Value Measurements for Master Trust (Continued)

- (a) This category includes investments primarily in diversified portfolios of commodities futures and other commodity-related instruments.
- (b) This category includes investments primarily in diversified portfolios of U.S. debt securities that seek to: (1) closely match the return and risk characteristics of the Bloomberg Barclays Long Term Credit Index, or (2) closely match the return and risk characteristics of the Bloomberg Barclays U.S. Aggregate Bond Index, or (3) closely match the return and risk characteristics of the Bloomberg Barclays U.S. TIPS Index, or (4) provide exposure to high-yield debt.
- (c) This category includes hedge fund of fund investments which invest in underlying hedge funds across multiple strategies, including long/short equity, fixed income, event-driven, credit-oriented and other related strategies.
- (d) This category includes investments in global infrastructure funds to provide total return through investments in U.S. and non-U.S. securities issued by infrastructure companies.
- (e) This category includes investments primarily in diversified portfolios of non-U.S. equity investments that: (1) Provide a diversified, multi-manager approach to investing in stocks from emerging countries and economic regions of the world, or (2) closely match the return and risk characteristics of the MSCI ACWI ex-U.S. Index, or (3) provide exposure to investments in developed economies outside the U.S.
- (f) This category includes investments primarily in limited partnerships that make longer-term investments directly into private companies or buyouts of companies. Such investments are diversified by geography, industry and deal-type.
- (g) This category includes investments primarily in limited partnerships that invest in diversified portfolio of private real estate assets. Investments include both core and non-core real estate assets.
- (h) This category includes investments in the State Street Short Term Investment Fund with the objective to provide safety of principal, daily liquidity and a competitive yield over the long-term by investing in fixed income securities of a short-term nature.
- (i) This category includes investments primarily in diversified portfolios of U.S. equities that: (1) closely match the return and risk characteristics of the Russell 1000 Index, or (2) invest in U.S. large cap companies believed to have above-average growth potential, or (3) pursue a small/mid cap core investment style and maintain sector weights similar to those of the Russell 2500 Index.

Note 5. Interest Income Fund in Master Trust

The interest income fund in the Master Trust includes wrap contracts (the Synthetic Guaranteed Investment Contracts (GICs)) and securities underlying the Synthetic GICs for 2022 and 2021. The Synthetic GICs are issued by insurance companies and other financial institutions. The Synthetic GICs are accounted for under the accounting guidance for reporting on fully benefit-responsive investment contracts held by retirement plans.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 5. Interest Income Fund in Master Trust (Continued)

Because the Synthetic GICs are fully benefit-responsive, contract value is a relative measurement attributable for that portion of the net assets available for benefits attributable to the Synthetic GIC value, as reported to the Plan by wrap provider, and represents contributions under the contract, plus earnings, less participant withdrawals and administrative expenses. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

The Plan Administrator revalues the wrap contracts and securities underlying the investments at fair value on the Form 5500. See Note 11, which reconciles the Plan's interest in Master Trust at contract value with the Plan's interest at fair value.

There are no reserves against contract value for credit risk of the contract issuer or otherwise. The crediting interest rates are based on a formula agreed upon with the issuers and reviewed on a periodic basis for resetting, and ranged from 2.22% to 2.50% and 1.86% to 2.23% at December 31, 2022 and 2021, respectively.

Certain events limit the ability of the Plan to transact at contract value with the 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, (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The Plan Administrator does not believe that the occurrence of any such event, which would limit the Plan's ability to transact at contract value with participants, is probable of occurring.

Note 6. Derivative Instruments in Master Trust

In the normal course of business, certain investments in the Master Trust utilize derivative instruments to manage exposure to fluctuations in interest and currency rates. Certain investments utilize options and futures contracts to hedge interest rate and/or securities price risk and forward foreign exchange contracts to hedge currency risk.

These financial instruments are recorded at fair value as derivative receivables and payables in the Master Trust statements of net assets available for benefits. As of December 31, 2022 and 2021, there were no derivative contracts accounted for as hedging instruments under ASC 815-10-50. Although the contract or notional amount of these instruments is not recorded within Master Trust investments, these instruments are recognized as either a receivable or liability, depending on the rights or obligations of the contract measured at fair value.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 6. Derivative Instruments in Master Trust (Continued)

The tables below represent the fair value of derivative instruments by risk in the statements of net assets available for benefits at December 31, 2022 and 2021:

2022			
Risk	Master Trust Statement of Net Assets Available for Benefits Location	Derivative Assets	Derivative Liabilities
Credit exposure	Derivative receivables	\$ 1,661	\$ -
Credit exposure	Derivative payables	-	(425)
Currency exposure	Derivative receivables	156,142	-
Currency exposure	Derivative payables	-	(158,472)
Interest rate exposure	Derivative receivables	19,551	-
Interest rate exposure	Derivative payables	-	(150,084)
Equity exposures	Derivative receivables	129,826	-
Equity exposures	Derivative payables	-	(8,071)
		<u>\$ 307,180</u>	<u>\$ (317,052)</u>

2021			
Risk	Master Trust Statement of Net Assets Available for Benefits Location	Derivative Assets	Derivative Liabilities
Credit exposure	Derivative receivables	\$ 26,597	\$ -
Credit exposure	Derivative payables	-	(20,234)
Currency exposure	Derivative receivables	212,270	-
Currency exposure	Derivative payables	-	(213,890)
Interest rate exposure	Derivative receivables	48,962	-
Interest rate exposure	Derivative payables	-	(211,782)
Equity exposures	Derivative receivables	171,621	-
		<u>\$ 459,450</u>	<u>\$ (445,906)</u>

The table below represents the effect of derivative instruments on the Master Trust statement of changes in investment income (loss) for the year ended December 31, 2022:

2022			
Risk	Amount of Realized Gain (Loss) of Derivatives	Change in Unrealized Appreciation (Depreciation) of Derivatives	Total
Credit exposure	\$ (5,247)	\$ (114)	\$ (5,361)
Currency exposure	-	(709)	(709)
Equity exposures	(35,181)	(22,737)	(57,918)
Interest rate exposure	(180,273)	(4,147)	(184,420)
	<u>\$ (220,701)</u>	<u>\$ (27,707)</u>	<u>\$ (248,408)</u>

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 6. Derivative Instruments in Master Trust (Continued)

The tables below represent the average volume of derivative instruments by risk in the Master Trust at December 31, 2022 and 2021:

2022			
Risk	Contract Type	Long Notional Value	Short Notional Value
Credit exposure	Swaps	\$ 127,072	\$ -
Equity exposures	Futures	13	-
Equity exposures	Swaps	16	-
Interest rate exposure	Futures	1,186,200	(1,880,500)
Interest rate exposure	Options	32,600	(104,200)
Interest rate exposure	Swaps	2,095,820	-
		<u>\$ 3,441,721</u>	<u>\$ (1,984,700)</u>
2021			
Risk	Contract Type	Long Notional Value	Short Notional Value
Credit exposure	Swaps	\$ 204,365	\$ -
Equity exposures	Futures	65	-
Equity exposures	Swaps	17	-
Interest rate exposure	Futures	1,049,900	(301,400)
Interest rate exposure	Options	-	(120,500)
Interest rate exposure	Swaps	2,106,125	-
		<u>\$ 3,360,472</u>	<u>\$ (421,900)</u>

Options and futures contracts: By writing options, the Master Trust receives a premium and becomes obligated during the term of the option to purchase or sell a specified instrument at a set price if the option is exercised. With purchasing options, the Master Trust pays a premium to own the right to buy or sell a specified instrument at a set price during the term of the option.

Futures contracts are contracts for delayed settlement of specified instruments in which the seller agrees to make delivery on a future date of a specific instrument, at a specified price or yield. Upon entering into an options or futures contract, the Master Trust is required to deposit either cash or securities in an amount equal to a certain percentage of the contract value (i.e., initial margin). As these contracts are marked-to-market on a daily basis, subsequent payments (i.e., variation margin) are made or received by the Master Trust each day.

The Master Trust is subject to option price volatility (risk) and the risk that futures contracts may not correlate with the prices of the portfolio securities. The Master Trust's activities in these contracts are conducted through regulated exchanges, which minimize counterparty credit risk since the exchanges assume the default risk of the counterparty, and generally require margin deposits of cash or securities as collateral to minimize potential credit risk. Liquidity risk may arise if there is insufficient trading activity on the options or futures exchange.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 6. Derivative Instruments in Master Trust (Continued)

Swaps and swaptions: Swap agreements are valued daily and changes in value, including periodic interest to be paid or received on swaps, are recorded as unrealized appreciation (depreciation) of investments, derivative contracts and foreign currency. Realized gain or loss is recorded upon receipt or payment of a periodic settlement (reset) or termination of swap agreements. The risk of entering into swap agreements includes the possible lack of liquidity, and failure of the counterparty to meet its obligations in the underlying investments and instruments.

A credit default swap is a contract between a protection buyer and a protection seller whereby the buyer pays a periodic fee in return for a contingent payment by the seller based on a default or a liquidity event. Credit default swaps are designed to cover many risks, including defaults, bankruptcy and credit rating downgrades. For the years ended December 31, 2022 and 2021, the Master Trust was a buyer and a seller of protection using credit default swaps. Risk arise in swap contracts from potential counterparty nonperformance and from changes in the market values of underlying instruments. Credit risk associated with these contracts is limited to amounts recorded in the statements of net assets available for benefits.

Note 7. Party-in-Interest

Certain Plan investment funds are managed by State Street, the Trustee of the Plan. The Plan has several other arrangements with service providers and related parties related to Plan operations. These transactions are considered exempt party-in-interest transactions under ERISA. In addition, the Company also provides to the Plan certain accounting and administrative services for which no fees are charged.

Note 8. Plan Termination

Although it has not expressed any intent to do so, the Employer has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of Plan termination, participants become vested in all amounts held on their behalf by the Trustee.

Note 9. Tax Status

The IRS has determined and issued a determination letter on June 24, 2016, that stated that the Plan is designed in accordance with the applicable requirements of the Code. Although the Plan has been amended since receiving the determination letter, it is the opinion of the Plan Administrator and Plan counsel, that the Plan remains qualified under the applicable provisions of the Code and is currently being operated in compliance with the applicable requirements of the Code and, therefore, the Plan qualifies under Section 401(a), and the related trust is tax-exempt.

The Plan Sponsor's management evaluated the Plan's tax positions and concluded that the Plan maintained its tax-exempt status and had taken no uncertain tax positions that require adjustments to the financial statements as of December 31, 2022 and 2021, and for the year ended December 31, 2022. Therefore, no provision or liability for income taxes has been included in the financial statements.

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Notes to Financial Statements
(Dollars in Thousands)

Note 10. Risks and Uncertainties

The Plan provides for various investment options in funds that can invest in a combination of stocks, bonds, fixed income securities, mutual funds and other investment securities. Investment securities are exposed to various risks, such as interest rate, market and credit risk. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, it is at least reasonably possible that changes in risks in the near-term would materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits and the statement of changes in net assets available for benefits.

The Plan Sponsor, in the normal course of business, may from time to time be involved in legal or regulatory proceedings concerning matters arising in connection with its business activities or in its role as a fiduciary of certain retirement and health and welfare plans. The outcome of any potential, unforeseen claims, is inherently difficult to predict.

On or about October 2, 2020, a purported class action lawsuit was filed against the Plan Sponsor and other fiduciaries of the Plan in the United States District Court for the Northern District of California. The claims in the complaint relate to alleged breaches of fiduciary duty under ERISA by the Plan Sponsor and other fiduciaries of the Plan relating to fees for the Plan's investment options and the Plan's administrative expenses. After the District Court dismissed the complaint, on March 2, 2021, the plaintiff filed an amended complaint that set forth similar allegations. The district court subsequently dismissed with prejudice all but the administrative expense-related claims, which are the only claims that remain in the lawsuit. The Plan Sponsor disagrees strongly with the allegations in the lawsuit and will continue to vigorously defend itself and other fiduciaries of the Plan.

Note 11. Reconciliation of Financial Statements to Form 5500

The net assets of the Plan that are attributed to the fully benefit-responsive investment contracts are recorded at fair value within the Master Trust on Form 5500 (see Note 5) and the interest income on notes receivable from participants is reported separately on the Form 5500. The following is a reconciliation of the Plan's net assets available for benefit between the financial statements and Form 5500 as of December 31, 2022 and 2021:

	2022	2021
Net assets available for benefits per the financial statements	\$ 10,907,072	\$ 12,388,582
Adjustment from contract value to fair value for fully benefit-responsive investment contracts held by the Plan	(35,624)	8,524
Net assets per Form 5500	<u>\$ 10,871,448</u>	<u>\$ 12,397,106</u>
		2022
Plan interest in Roche U.S. Retirement Plans Master Trust per the financial statements		\$ (1,922,302)
Adjustment from contract value to fair value for fully benefit-responsive investment contracts held by the Plan		(44,148)
Net investment loss from master trust investment accounts per Form 5500		<u>\$ (1,966,450)</u>

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

THIS IS A COMPOSITE REPORT FOR:

HLB1	BAIRD SHORT DURATION
HLB2	AB SMALL CAP VALUE
HLDQ	RUSSELL EMERGING MARKETS TDF
HLDU	RUSSELL INFRASTRUCTURE FUND
HLDV	BLACKROCK LARGE CAP TRANSITION
HLDX	JACOBS LEVY LARGE CAP CORE
HLDY	BLACKROCK RUSSELL 2000 INDEX
HLDZ	NISA COMPLETION PORTFOLIO
HLD3	BLACKROCK RUSSELL 1000 REAL AS
HLD4	BLACKROCK RUSSELL 1000 PRE
HLEA	US EQUITY
HLEB	FIDELITY GROWTH COMPANY
HLED	CEREDEX LG CAP VALUE
HLEF	PIMCO STOCKSPUS
HLEG	BLACKROCK RUSSELL 1000 INDEX
HLEH	SMALL CAP TRANSITION
HLEI	RBC SMALL CAP CORE
HLEJ	RANGER SMALL CAP GROWTH
HLEL	RUSSELL TRANSITION
HLEM	ARROWSTREET ACWI EX-US IMI
HLEN	PYRAMIS SELECT GLOBAL EX-US
HLEO	WM BLAIR INT'L GROWTH
HLEP	BLACKROCK TRANSITION ACCOUNT
HLEQ	RUSSELL EMERGING MARKETS
HLER	BLACKROCK ACWI EX US INDEX
HLES	GLOBAL REITS
HLEU	CNS GLOBAL INFRASTRUCTURE
HLEV	WELLINGTON COMMODITIES
HLEW	GRESHAM DJF COMMODITIES DC
HLEX	GRESHAM A+ COMMODITIES DB
HLEY	BLACKROCK US TIPS INDEX TDF
HLEZ	BLACKROCK FI TOTAL RETURN
HLE0	WELLINGTON FI CORE PLUS
HLE1	BLACKROCK BC AGG INDEX
HLE2	ROCHE INTEREST INCOME FUND
HLE3	PIMCO LONG DURATION FI
HLE4	WELLINGTON LONG DURATION FI
HLE5	NISA LONG DURATION FI
HLE6	OLYMPUS REAL ESTATE
HLE7	UBS TRUMBELL PROPERTY RE
HLE8	PRUDENTIAL PRISA RE
HLE9	DRA REAL ESTATE
HLFA	ROCKWOOD REAL ESTATE
HLFB	PANTHEON - PRIVATE EQUITY
HLFD	PANTHEON - PRIVATE EQUITY
HLFE	ADAMS ST. - PRIVATE EQUITY
HLFG	BLACKSTONE PARTNERS HF
HLFH	PRISMA SPECTRUM HF
HLFI	MISC ASSETS DB
HLFJ	STIF ACCOUNT DB
HLFU	CASH ALLOCATOR FUND
HLFW	BLACKROCK US TIPS INDEX R ASST
HLFX	FI TRANSITION ACCOUNT
HLGA	BLACKROCK RUSSELL 1000 IND DB
HLGB	PYRAMIS SMID CAP CORE DB
HLGD	RANGER SMALL CAP GROWTH DB
HLGE	CHARTWELL SMALL CAP VALUE DB
HLGF	ARROWSTREET ACWI EX-US IMI DB
HLGH	WM BLAIR INT'L GROWTH DB

HLGI	BARROW HANLEY INT'L VALUE DB
HLGJ	PYRAMIS SELECT GLOBAL EX-US DB
HLGL	RUSSELL EMERGING MARKETS DB
HLGM	MS GLOBAL REITS DB
HLGN	WELLINGTON COMMODITIES DB
HLIE	JP MORGAN CORE DCPF
HLIF	BARINGS US HIGH YIELD FI
HLIG	BLACKROCK US TIPS INDEX JPM RE
HLIM	LSV INTL VALUE
HLIN	CNS GLOBAL REITS
HLIO	BLACKROCK TRANSITION ACCOUNT
HLIP	CAPITAL INTL INC LONG CR FI DB
HLIQ	NISA OVERLAY
HLIR	NISA - EQUITIZATION
HLIS	PIMCO FI TOTAL RETURN
HLIU	PGIM FI CORE PLUS
HLIV	MARATHON INTL EQUITY
HLIW	JACOBS LEVY SMALL CAP EQUITY
HLIX	COPELAND SMALL CAP EQUITY
HLIØ	DUFF PHELPS GLOBAL REITS
HLJA	PGIM PRREF II

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

INTEREST BEARING CASH									

86199E9B7	STATE STREET TR			STIF FUND		1.000	12/31/2030		
3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00	
INTEREST BEARING CASH TOTALS									

3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

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#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

U.S. GOVERNMENT SECURITIES									

U.S. GOVERNMENT SECURITIES TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

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(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET		RATE		MAT DATE	
#PUR (C) PURCHASE PRICE	#SALE (D) SELLING PRICE	(F) EXPENSES INCURRED		(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS

CORP. DEBT INSTR. - PREFERRED							

CORP. DEBT INSTR. - PREFERRED TOTALS							

0	0.00	0	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

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(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - ALL OTHER									

CORP. DEBT INSTR. - ALL OTHER TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - PREFERRED									

CORPORATE STOCKS - PREFERRED TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - COMMON									

CORPORATE STOCKS - COMMON TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
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(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

PARTN./JOINT VENTURE INTERESTS									

PARTN./JOINT VENTURE INTERESTS TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-RESID.									

LOANS SECURED BY MTGES-RESID. TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-COM'L									

LOANS SECURED BY MTGES-COM'L TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS

OTHER								

OTHER TOTALS								

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

COMMON/COLLECTIVE TRUSTS									

COMMON/COLLECTIVE TRUSTS TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

103-12 INVESTMENTS									

103-12 INVESTMENTS TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

REGISTERED INVESTMENT COMPANY									

REGISTERED INVESTMENT COMPANY TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

INSURANCE CO. GENERAL ACCOUNT									

INSURANCE CO. GENERAL ACCOUNT TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET			RATE		MAT DATE	
#PUR (C) PURCHASE PRICE	#SALE (D) SELLING PRICE	(F) EXPENSES INCURRED		(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

** ASSET CATEGORY NOT FOUND **								

** ASSET CATEGORY NOT FOUND ** TOTALS								

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34

5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET		RATE		MAT DATE		
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS

INTEREST BEARING CASH								
3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00
CERTIFICATES OF DEPOSIT								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
U.S. GOVERNMENT SECURITIES								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORP. DEBT INSTR. - PREFERRED								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORP. DEBT INSTR. - ALL OTHER								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORPORATE STOCKS - PREFERRED								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORPORATE STOCKS - COMMON								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
PARTN./JOINT VENTURE INTERESTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REAL ESTATE-INCOME PRODUCING								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REAL ESTATE-NON INC. PRODUCING								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS SECURED BY MTGES-RESID.								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS SECURED BY MTGES-COM'L								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS TO PARTIC. - MORTGAGES								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS TO PARTICIPANTS - OTHER								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
OTHER								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
COMMON/COLLECTIVE TRUSTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
POOLED SEPARATE ACCOUNTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
103-12 INVESTMENTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REGISTERED INVESTMENT COMPANY								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
INSURANCE CO. GENERAL ACCOUNT								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
** ASSET CATEGORY NOT FOUND **								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REPORTABLE TRANSACTION TOTALS								

3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00
NON-REPORTABLE TRANSACTION TOTALS								

27668	24,212,047,249.27	26593	23,912,181,933.24	0.00	24,068,615,595.58	54261	48,124,229,182.51	-64,475,442.03
RUN DATE: 10/11/23								

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

INTEREST BEARING CASH									

86199E9B7	STATE STREET TR			STIF FUND		1.000	12/31/2030		
3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00	
INTEREST BEARING CASH TOTALS									

3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

U.S. GOVERNMENT SECURITIES									

U.S. GOVERNMENT SECURITIES TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - PREFERRED									

CORP. DEBT INSTR. - PREFERRED TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - ALL OTHER									

CORP. DEBT INSTR. - ALL OTHER TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET			RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS

CORPORATE STOCKS - PREFERRED								

CORPORATE STOCKS - PREFERRED TOTALS								

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - COMMON									

CORPORATE STOCKS - COMMON TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

PARTN./JOINT VENTURE INTERESTS									

PARTN./JOINT VENTURE INTERESTS TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-RESID.									

LOANS SECURED BY MTGES-RESID. TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-COM'L									

LOANS SECURED BY MTGES-COM'L TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

OTHER									

OTHER TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET			RATE		MAT DATE	
#PUR (C) PURCHASE PRICE	#SALE (D) SELLING PRICE	(F) EXPENSES INCURRED		(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

COMMON/COLLECTIVE TRUSTS								

COMMON/COLLECTIVE TRUSTS TOTALS								

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

103-12 INVESTMENTS									

103-12 INVESTMENTS TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET			RATE		MAT DATE	
#PUR (C) PURCHASE PRICE	#SALE (D) SELLING PRICE	(F) EXPENSES INCURRED		(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

REGISTERED INVESTMENT COMPANY								

REGISTERED INVESTMENT COMPANY TOTALS								

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET				RATE		MAT DATE	
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

INSURANCE CO. GENERAL ACCOUNT									

INSURANCE CO. GENERAL ACCOUNT TOTALS									

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET			RATE		MAT DATE	
#PUR (C) PURCHASE PRICE	#SALE (D) SELLING PRICE	(F) EXPENSES INCURRED		(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS	

** ASSET CATEGORY NOT FOUND **								

** ASSET CATEGORY NOT FOUND ** TOTALS								

0	0.00	0	0.00	0.00	0.00	0	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SERIES

BEGINNING NET ASSET VALUE: 15,355,880,445.34

5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY		(B) DESCRIPTION OF ASSET		RATE		MAT DATE		
#PUR	(C) PURCHASE PRICE	#SALE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	#TOTAL	(H) CURR VALUE	(I) GAIN/LOSS

INTEREST BEARING CASH								
3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00
CERTIFICATES OF DEPOSIT								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
U.S. GOVERNMENT SECURITIES								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORP. DEBT INSTR. - PREFERRED								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORP. DEBT INSTR. - ALL OTHER								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORPORATE STOCKS - PREFERRED								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
CORPORATE STOCKS - COMMON								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
PARTN./JOINT VENTURE INTERESTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REAL ESTATE-INCOME PRODUCING								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REAL ESTATE-NON INC. PRODUCING								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS SECURED BY MTGES-RESID.								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS SECURED BY MTGES-COM'L								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS TO PARTIC. - MORTGAGES								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
LOANS TO PARTICIPANTS - OTHER								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
OTHER								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
COMMON/COLLECTIVE TRUSTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
POOLED SEPARATE ACCOUNTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
103-12 INVESTMENTS								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REGISTERED INVESTMENT COMPANY								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
INSURANCE CO. GENERAL ACCOUNT								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
** ASSET CATEGORY NOT FOUND **								
0	0.00	0	0.00	0.00	0.00	0	0.00	0.00
REPORTABLE TRANSACTION TOTALS								

3134	2,906,747,110.23	2856	2,924,693,196.83	0.00	2,924,693,196.83	5990	5,831,440,307.06	0.00
NON-REPORTABLE TRANSACTION TOTALS								

27668	24,212,047,249.27	26593	23,912,181,933.24	0.00	24,068,615,595.58	54261	48,124,229,182.51	-64,475,442.03
RUN DATE: 10/11/23								

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

THIS IS A COMPOSITE REPORT FOR:

HLB1	BAIRD SHORT DURATION
HLB2	AB SMALL CAP VALUE
HLDQ	RUSSELL EMERGING MARKETS TDF
HLDU	RUSSELL INFRASTRUCTURE FUND
HLDV	BLACKROCK LARGE CAP TRANSITION
HLDX	JACOBS LEVY LARGE CAP CORE
HLDY	BLACKROCK RUSSELL 2000 INDEX
HLDZ	NISA COMPLETION PORTFOLIO
HLD3	BLACKROCK RUSSELL 1000 REAL AS
HLD4	BLACKROCK RUSSELL 1000 PRE
HLEA	US EQUITY
HLEB	FIDELITY GROWTH COMPANY
HLED	CEREDEX LG CAP VALUE
HLEF	PIMCO STOCKSPUS
HLEG	BLACKROCK RUSSELL 1000 INDEX
HLEH	SMALL CAP TRANSITION
HLEI	RBC SMALL CAP CORE
HLEJ	RANGER SMALL CAP GROWTH
HLEL	RUSSELL TRANSITION
HLEM	ARROWSTREET ACWI EX-US IMI
HLEN	PYRAMIS SELECT GLOBAL EX-US
HLEO	WM BLAIR INT'L GROWTH
HLEP	BLACKROCK TRANSITION ACCOUNT
HLEQ	RUSSELL EMERGING MARKETS
HLER	BLACKROCK ACWI EX US INDEX
HLES	GLOBAL REITS
HLEU	CNS GLOBAL INFRASTRUCTURE
HLEV	WELLINGTON COMMODITIES
HLEW	GRESHAM DJF COMMODITIES DC
HLEX	GRESHAM A+ COMMODITIES DB
HLEY	BLACKROCK US TIPS INDEX TDF
HLEZ	BLACKROCK FI TOTAL RETURN
HLE0	WELLINGTON FI CORE PLUS
HLE1	BLACKROCK BC AGG INDEX
HLE2	ROCHE INTEREST INCOME FUND
HLE3	PIMCO LONG DURATION FI
HLE4	WELLINGTON LONG DURATION FI
HLE5	NISA LONG DURATION FI
HLE6	OLYMPUS REAL ESTATE
HLE7	UBS TRUMBELL PROPERTY RE
HLE8	PRUDENTIAL PRISA RE
HLE9	DRA REAL ESTATE
HLFA	ROCKWOOD REAL ESTATE
HLFB	PANTHEON - PRIVATE EQUITY
HLFD	PANTHEON - PRIVATE EQUITY
HLFE	ADAMS ST. - PRIVATE EQUITY
HLFG	BLACKSTONE PARTNERS HF
HLFH	PRISMA SPECTRUM HF
HLFI	MISC ASSETS DB
HLFJ	STIF ACCOUNT DB
HLFU	CASH ALLOCATOR FUND
HLFW	BLACKROCK US TIPS INDEX R ASST
HLFX	FI TRANSITION ACCOUNT
HLGA	BLACKROCK RUSSELL 1000 IND DB
HLGB	PYRAMIS SMID CAP CORE DB
HLGD	RANGER SMALL CAP GROWTH DB
HLGE	CHARTWELL SMALL CAP VALUE DB
HLGF	ARROWSTREET ACWI EX-US IMI DB
HLGH	WM BLAIR INT'L GROWTH DB

HLGI	BARROW HANLEY INT'L VALUE DB
HLGJ	PYRAMIS SELECT GLOBAL EX-US DB
HLGL	RUSSELL EMERGING MARKETS DB
HLGM	MS GLOBAL REITS DB
HLGN	WELLINGTON COMMODITIES DB
HLIE	JP MORGAN CORE DCPF
HLIF	BARINGS US HIGH YIELD FI
HLIG	BLACKROCK US TIPS INDEX JPM RE
HLIM	LSV INTL VALUE
HLIN	CNS GLOBAL REITS
HLIO	BLACKROCK TRANSITION ACCOUNT
HLIP	CAPITAL INTL INC LONG CR FI DB
HLIQ	NISA OVERLAY
HLIR	NISA - EQUITIZATION
HLIS	PIMCO FI TOTAL RETURN
HLIU	PGIM FI CORE PLUS
HLIV	MARATHON INTL EQUITY
HLIW	JACOBS LEVY SMALL CAP EQUITY
HLIX	COPELAND SMALL CAP EQUITY
HLIØ	DUFF PHELPS GLOBAL REITS
HLJA	PGIM PRREF II

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

INTEREST BEARING CASH						

INTEREST BEARING CASH TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

U.S. GOVERNMENT SECURITIES						

U.S. GOVERNMENT SECURITIES TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE	MAT DATE		
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - PREFERRED						

CORP. DEBT INSTR. - PREFERRED TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - ALL OTHER						

CORP. DEBT INSTR. - ALL OTHER TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - PREFERRED						

CORPORATE STOCKS - PREFERRED TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE	MAT DATE		
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - COMMON						

CORPORATE STOCKS - COMMON TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

PARTN./JOINT VENTURE INTERESTS						

PARTN./JOINT VENTURE INTERESTS TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-RESID.						

LOANS SECURED BY MTGES-RESID. TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-COM'L						

LOANS SECURED BY MTGES-COM'L TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

OTHER						

OTHER TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

COMMON/COLLECTIVE TRUSTS						

COMMON/COLLECTIVE TRUSTS TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

103-12 INVESTMENTS						

103-12 INVESTMENTS TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

REGISTERED INVESTMENT COMPANY						

REGISTERED INVESTMENT COMPANY TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

INSURANCE CO. GENERAL ACCOUNT						

INSURANCE CO. GENERAL ACCOUNT TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

** ASSET CATEGORY NOT FOUND **						

** ASSET CATEGORY NOT FOUND ** TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE
BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET	RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS
INTEREST BEARING CASH					
		0.00	0.00	0.00	0.00
CERTIFICATES OF DEPOSIT					
		0.00	0.00	0.00	0.00
U.S. GOVERNMENT SECURITIES					
		0.00	0.00	0.00	0.00
CORP. DEBT INSTR. - PREFERRED					
		0.00	0.00	0.00	0.00
CORP. DEBT INSTR. - ALL OTHER					
		0.00	0.00	0.00	0.00
CORPORATE STOCKS - PREFERRED					
		0.00	0.00	0.00	0.00
CORPORATE STOCKS - COMMON					
		0.00	0.00	0.00	0.00
PARTN./JOINT VENTURE INTERESTS					
		0.00	0.00	0.00	0.00
REAL ESTATE-INCOME PRODUCING					
		0.00	0.00	0.00	0.00
REAL ESTATE-NON INC. PRODUCING					
		0.00	0.00	0.00	0.00
LOANS SECURED BY MTGES-RESID.					
		0.00	0.00	0.00	0.00
LOANS SECURED BY MTGES-COM'L					
		0.00	0.00	0.00	0.00
LOANS TO PARTIC. - MORTGAGES					
		0.00	0.00	0.00	0.00
LOANS TO PARTICIPANTS - OTHER					
		0.00	0.00	0.00	0.00
OTHER					
		0.00	0.00	0.00	0.00
COMMON/COLLECTIVE TRUSTS					
		0.00	0.00	0.00	0.00
POOLED SEPARATE ACCOUNTS					
		0.00	0.00	0.00	0.00
103-12 INVESTMENTS					
		0.00	0.00	0.00	0.00
REGISTERED INVESTMENT COMPANY					
		0.00	0.00	0.00	0.00
INSURANCE CO. GENERAL ACCOUNT					
		0.00	0.00	0.00	0.00
** ASSET CATEGORY NOT FOUND **					
		0.00	0.00	0.00	0.00
REPORTABLE TRANSACTION TOTALS					

		0.00	0.00	0.00	0.00

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

INTEREST BEARING CASH						

INTEREST BEARING CASH TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

U.S. GOVERNMENT SECURITIES						

U.S. GOVERNMENT SECURITIES TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - PREFERRED						

CORP. DEBT INSTR. - PREFERRED TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORP. DEBT INSTR. - ALL OTHER						

CORP. DEBT INSTR. - ALL OTHER TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE	MAT DATE		
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - PREFERRED						

CORPORATE STOCKS - PREFERRED TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE	MAT DATE		
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

CORPORATE STOCKS - COMMON						

CORPORATE STOCKS - COMMON TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

PARTN./JOINT VENTURE INTERESTS						

PARTN./JOINT VENTURE INTERESTS TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-RESID.						

LOANS SECURED BY MTGES-RESID. TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

LOANS SECURED BY MTGES-COM'L						

LOANS SECURED BY MTGES-COM'L TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

OTHER						

OTHER TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

COMMON/COLLECTIVE TRUSTS						

COMMON/COLLECTIVE TRUSTS TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

103-12 INVESTMENTS						

103-12 INVESTMENTS TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

REGISTERED INVESTMENT COMPANY						

REGISTERED INVESTMENT COMPANY TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET			RATE	MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

INSURANCE CO. GENERAL ACCOUNT						

INSURANCE CO. GENERAL ACCOUNT TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34
5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET		RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS	

** ASSET CATEGORY NOT FOUND **						

** ASSET CATEGORY NOT FOUND ** TOTALS						

		0.00	0.00	0.00	0.00	

SCHEDULE H, LINE 4J - SCHEDULE OF REPORTABLE TRANSACTIONS - SINGLE

BEGINNING NET ASSET VALUE: 15,355,880,445.34

5% OF ASSET VALUE: 767,794,022.27

(A) IDENTITY OF PARTY	(B) DESCRIPTION OF ASSET	RATE		MAT DATE	
(C) PURCHASE PRICE	(D) SELLING PRICE	(F) EXPENSES INCURRED	(G) COST OF ASSET	(H) CURR VALUE	(I) GAIN/LOSS
INTEREST BEARING CASH					
		0.00	0.00	0.00	0.00
CERTIFICATES OF DEPOSIT					
		0.00	0.00	0.00	0.00
U.S. GOVERNMENT SECURITIES					
		0.00	0.00	0.00	0.00
CORP. DEBT INSTR. - PREFERRED					
		0.00	0.00	0.00	0.00
CORP. DEBT INSTR. - ALL OTHER					
		0.00	0.00	0.00	0.00
CORPORATE STOCKS - PREFERRED					
		0.00	0.00	0.00	0.00
CORPORATE STOCKS - COMMON					
		0.00	0.00	0.00	0.00
PARTN./JOINT VENTURE INTERESTS					
		0.00	0.00	0.00	0.00
REAL ESTATE-INCOME PRODUCING					
		0.00	0.00	0.00	0.00
REAL ESTATE-NON INC. PRODUCING					
		0.00	0.00	0.00	0.00
LOANS SECURED BY MTGES-RESID.					
		0.00	0.00	0.00	0.00
LOANS SECURED BY MTGES-COM'L					
		0.00	0.00	0.00	0.00
LOANS TO PARTIC. - MORTGAGES					
		0.00	0.00	0.00	0.00
LOANS TO PARTICIPANTS - OTHER					
		0.00	0.00	0.00	0.00
OTHER					
		0.00	0.00	0.00	0.00
COMMON/COLLECTIVE TRUSTS					
		0.00	0.00	0.00	0.00
POOLED SEPARATE ACCOUNTS					
		0.00	0.00	0.00	0.00
103-12 INVESTMENTS					
		0.00	0.00	0.00	0.00
REGISTERED INVESTMENT COMPANY					
		0.00	0.00	0.00	0.00
INSURANCE CO. GENERAL ACCOUNT					
		0.00	0.00	0.00	0.00
** ASSET CATEGORY NOT FOUND **					
		0.00	0.00	0.00	0.00
REPORTABLE TRANSACTION TOTALS					

		0.00	0.00	0.00	0.00

U.S. Roche 401(k) Savings Plan – Plan No. 003
EIN: 94-2347624

Statements of Net Assets Available for Benefits
December 31, 2022 and 2021
(Dollars in Thousands)

	2022	2021
Assets		
Plan interest in Roche U.S. Retirement Plans Master Trust	\$ 10,681,056	\$ 12,190,442
Employer's contributions receivable	248,292	202,696
Total assets	10,929,348	12,393,138
Liabilities		
Administrative expenses payable	127	111
Excess participant contributions payable	22,149	4,445
Total liabilities	22,276	4,556
Net assets available for benefits	\$ 10,907,072	\$ 12,388,582

See notes to financial statements.