

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 THERMO FISHER SCIENTIFIC INC. 401(K) RETIREMENT PLAN	1b Three-digit plan number (PN) ▶ 001
	1c Effective date of plan 01/01/1986
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) THERMO FISHER SCIENTIFIC, INC. 300 INDUSTRY DRIVE PITTSBURGH, PA 15275	2b Employer Identification Number (EIN) 04-2209186 2c Plan Sponsor's telephone number 781-622-1000 2d Business code (see instructions) 423400

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.	07/31/2023	THOMAS E. OKSANEN
	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 53552
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) 39177
a(2) Total number of active participants at the end of the plan year		6a(2) 41102
b Retired or separated participants receiving benefits		6b 1663
c Other retired or separated participants entitled to future benefits.....		6c 13947
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 56712
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 144
f Total. Add lines 6d and 6e		6f 56856
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 55419
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 3937
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3H		
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 _____

<div>SCHEDULE C</div> <div>(Form 5500)</div> <div>Department of the Treasury Internal Revenue Service</div> <div>Department of Labor Employee Benefits Security Administration</div> <div>Pension Benefit Guaranty Corporation</div>	<div>Service Provider Information</div> <div>This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).</div> <div>▶ File as an attachment to Form 5500.</div>	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 THERMO FISHER SCIENTIFIC INC. 401(K) RETIREMENT PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 THERMO FISHER SCIENTIFIC, INC.	D Employer Identification Number (EIN) 04-2209186	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
AMERICAN FUNDS	PO BOX 6007 INDIANAPOLIS, IN 46206

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
DODGE AND COX FUNDS	PO BOX 219502 KANSAS CITY, MO 64121

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
FIDELITY INSTITUTIONAL ASSET MGMT	
20-1733361	

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
PRUDENTIAL TRUST CO.	
23-6994310	

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

STATE STREET GLOBAL ADVISORS

81-4017137

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

THE VANGUARD GROUP, INC

23-1945930

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

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

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

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

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

T ROWE PRICE RPS INC

100 EAST PRATT STREET
BALTIMORE, MD 21202

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15 21 25 28 33 37 38 49 50 52 55 59 62 64 65	RECORDKEEPER / TRUSTEE	738000	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☐

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

NEPC, LLC

PO BOX 4110
WOBBURN, MA 01888

(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 26 27 50	INVESTMENT CONSULTING	178000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ALTERITY GROUP LLC

1320 19TH STREET NW, SUITE 700
WASHINGTON, DC 20036

(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 50	CONSULTING	101000	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)

BAKER & HOSTETLER LLP

PO BOX 70189
CLEVELAND, OH 44190

(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?
29 50	LEGAL	90000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

PRICEWATERHOUSECOOPERS LLP

PO BOX 7247-8001
PHILADELPHIA, PA 19170

(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 50	AUDITOR	82000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

HAGER STRATEGIC

1320 19TH STREET NW, SUITE 700
WASHINGTON, DC 20036

(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 50	CONSULTING	10000	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)

ALIGHT SOLUTIONS LLC

PO BOX 95135
CHICAGO, IL 60694

(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 50	CONSULTING	6000	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 ☐

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	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 <div style="text-align: center; font-size: 1.2em; font-weight: bold;">2022</div> 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 THERMO FISHER SCIENTIFIC INC. 401(K) RETIREMENT PLAN	B Three-digit plan number (PN) ►	001
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 THERMO FISHER SCIENTIFIC, INC.		
D Employer Identification Number (EIN) 04-2209186		
Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)		
a Name of MTIA, CCT, PSA, or 103-12 IE: FIAM CORE PLUS C		
b Name of sponsor of entity listed in (a): FIDELITY INSTITUTIONAL ASSET MANAGEMENT		
c EIN-PN 20-4659714-052	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 84136000
a Name of MTIA, CCT, PSA, or 103-12 IE: JENNISON INSTL.U.S. SM-CAP EQUITY FD		
b Name of sponsor of entity listed in (a): PRUDENTIAL TRUST COMPANY		
c EIN-PN 23-6994310-046	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 105814000
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE STABLE VALUE FUND		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 52-1309931-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 467165000
a Name of MTIA, CCT, PSA, or 103-12 IE: STATE STREET S&P 500 IND NL K		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY		
c EIN-PN 90-0337987-388	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 435759000
a Name of MTIA, CCT, PSA, or 103-12 IE: STATE STREET US BOND IND NL M		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY		
c EIN-PN 90-0337987-495	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 24990000
a Name of MTIA, CCT, PSA, or 103-12 IE: STATESTREET RUSS SMMD CP ID K		
b Name of sponsor of entity listed in (a): STATE STREET GLOBAL ADVISORS TRUST COMPANY		
c EIN-PN 90-0337987-461	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 213560000
a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE GROWTH STOCK TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 52-6559833-013	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 189629000

a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2005 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 61-6434302-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 26309000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2010 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 32-6199795-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 35430000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2015 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 35-6941654-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 97219000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2020 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 36-7594871-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 327234000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2025 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 37-6495447-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 654580000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2030 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 38-7010946-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 761147000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2035 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 36-7595013-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 744854000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2040 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 35-6941729-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 613399000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2045 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 32-6199848-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 438411000
a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2050 TRUST		
b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY		
c EIN-PN 30-6303214-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 307289000

a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2055 TRUST

b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY

c EIN-PN 35-6941728-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 191021000
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a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2060 TRUST

b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY

c EIN-PN 47-1088316-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 95042000
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a Name of MTIA, CCT, PSA, or 103-12 IE: TRP RETIREMENT 2065 TRUST

b Name of sponsor of entity listed in (a): T. ROWE PRICE TRUST COMPANY

c EIN-PN 85-1763138-001	d Entity code C	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 15017000
--------------------------------	------------------------	--

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

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

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

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

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

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

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

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

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

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

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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>THERMO FISHER SCIENTIFIC INC. 401(K) RETIREMENT PLAN</u>		B Three-digit plan number (PN) <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>THERMO FISHER SCIENTIFIC, INC.</u>		D Employer Identification Number (EIN) <u>04-2209186</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	550000	191000
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	14462000	15931000
(2) Participant contributions.....	1b(2)	8632000	8944000
(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)	60950000	65414000
(9) Value of interest in common/collective trusts.....	1c(9)	6838684000	5828005000
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	441648000	404556000
(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)	351787000	278176000
(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	7716713000	6601217000

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	7716713000	6601217000
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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)	230058000	
(B) Participants	2a(1)(B)	363817000	
(C) Others (including rollovers)	2a(1)(C)	55436000	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		649311000
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)	3020000	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		3020000
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	602000	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	18142000	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		18744000
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	39697000	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	47475000	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		-7778000
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)	-53755000	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		-53755000

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-1205016000
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-75593000
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		-671067000
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	443191000	
(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)		443191000
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		33000
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	289000	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)	178000	
(4) Other	2i(4)	738000	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		1205000
j Total expenses. Add all expense amounts in column (b) and enter total	2j		444429000
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-1115496000
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: PRICEWATERHOUSECOOPERS LLC

(2) EIN: 13-4008324

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

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

Part IV Compliance Questions

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

During the plan year:

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.)		X	
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.)		X	
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.)		X	
4d		X	
e Was this plan covered by a fidelity bond?	X		25000000
4e	X		25000000
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 _____.

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>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).</div> <div>► File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2022</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan THERMO FISHER SCIENTIFIC INC. 401(K) RETIREMENT PLAN		B Three-digit plan number (PN) ► 001
C Plan sponsor's name as shown on line 2a of Form 5500 THERMO FISHER SCIENTIFIC, INC.		D Employer Identification Number (EIN) 04-2209186
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): 52-1481931		
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	<p>If the total number of participants is 1,000 or more, complete lines (a) through (c)</p> <p>a Enter the percentage of plan assets held as: Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%</p> <p>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</p> <p>c What duration measure was used to calculate line 19(b)? ☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____</p>
20	<p>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.</p> <p>a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No</p> <p>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:</p> <p>☐ Yes.</p> <p>☐ 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.</p> <p>☐ 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.</p> <p>☐ No. Other. Provide explanation _____</p>

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Financial Statements and Supplemental Schedules
December 31, 2022 and 2021

**Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Index**

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*Other supplemental schedules required by Section 2520.103.10 of the Department of Labor’s Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 have been omitted because they are not applicable.



Report of Independent Auditors

To the Administrator of Thermo Fisher Scientific Inc. 401(k) Retirement Plan

Opinion

We have audited the accompanying financial statements of Thermo Fisher Scientific Inc. 401(k) Retirement Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 (ERISA), which comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, including the related notes (collectively referred to as the "financial statements").

In our opinion, the accompanying financial statements present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2022 and 2021, and the changes in its net assets available for benefits for the year ended December 31, 2022, in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

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

Responsibilities of Management for the Financial Statements

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

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

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



Auditors' Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with US GAAS, we:

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

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

Supplemental Schedule Required by ERISA

Our audit was conducted for the purpose of forming an opinion on the financial statements as a whole. Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2022 (“supplemental schedule”) is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with US GAAS.



In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion, the information in the accompanying supplemental schedule is fairly stated, in all material respects, in relation to the financial statements as a whole, and the form and content are presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

PricewaterhouseCoopers LLP

Boston, Massachusetts
June 21, 2023

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Statements of Net Assets Available for Benefits
December 31, 2022 and 2021

(In thousands)	2022	2021
Assets		
Cash	\$ 191	\$ 550
Investments, at fair value (Notes 2 and 4)	6,510,737	7,632,119
Receivables		
Employer contributions	15,931	14,462
Participant contributions	8,944	8,632
Notes receivable from participants	65,488	60,991
Total receivables	90,363	84,085
Net assets available for benefits	\$ 6,601,291	\$ 7,716,754

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

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2022

(In thousands)	2022
Additions	
Investment income	
Dividend income	\$ 27,101
Net depreciation in fair value of investments	(1,350,499)
Total investment loss, net	(1,323,398)
Interest income on notes receivable from participants	3,020
Contributions	
Employer	230,058
Participants	363,817
Participant rollovers	55,436
Total contributions	649,311
Total reductions, net	(671,067)
Deductions	
Benefits paid to participants	443,191
Administrative expenses	1,205
Total deductions	444,396
Net decrease in net assets available for benefits	(1,115,463)
Net Assets Available for Benefits	
Beginning of year	7,716,754
End of year	<u>\$ 6,601,291</u>

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

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Notes to Financial Statements
December 31, 2022 and 2021

Note 1. Plan Description

The following description of the Thermo Fisher Scientific Inc. 401(k) Retirement Plan (the “Plan”) provides only general information. Participants should refer to the Plan document for a more complete description of the Plan’s provisions.

General

The Plan is a defined contribution plan for the benefit of certain employees of Thermo Fisher Scientific Inc. (the “Plan Sponsor” or the “Company”). T. Rowe Price Trust Company is the trustee of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (“ERISA”). U.S. employees (as defined by the Plan) of the Company and its participating subsidiaries are generally eligible to participate in the Plan upon their date of hire (or rehire).

Contributions

Each year participants may contribute on a combined pre-tax and Roth basis up to 50% of their eligible annual compensation to the Plan, subject to annual individual deferral limitations under the United States Internal Revenue Code (IRC). Effective April 1, 2022, participants may also make after-tax contributions of up to 8% of their annual eligible compensation to the Plan (subject to maximums as determined by the Plan Administrator). Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions, as defined by the IRC. Participants may also contribute amounts representing distributions from other qualified plans (“Participant Rollovers”). Participants direct the investment of their contributions into various investment options offered by the Plan.

The Plan includes an auto-enrollment provision whereby all newly eligible employees (except for the Fair Lawn union group) are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rate set at 3% of eligible compensation and their contributions invested in a designated asset allocation trust fund until changed by the participant.

The Company’s discretionary matching contribution is equal to 100% of the first 6% of eligible compensation for pre-tax and Roth participant contributions to the Plan; after-tax contributions are not eligible for Company matching contributions. New participants entering the plan on or after March 1, 2023, will be required to complete one year of service to qualify for the Company matching contribution. The Company’s matching contribution is invested into various investment options, including investment funds and the Company’s common stock, according to the participant’s investment elections.

Employee contributions and the Company match are recorded on a bi-weekly basis or weekly for those employees on a weekly payroll.

Effective April 1, 2022, participants may elect to roll over certain portions of their Plan accounts to a designated Roth contribution account in the Plan (“In-Plan Roth Rollover Contribution”). In-Plan Roth Rollover Contribution accounts are subject to certain restrictions.

Participant Accounts

Each participant’s account is credited with the participant’s contributions, and Company matching contributions, as well as an allocation of Plan earnings (losses). Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan, which are shared by participants equally, and other fees based on specific participant transactions (see Note 2). The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

Vesting

Participants are immediately vested in their pre-tax, Roth, catch-up, and after-tax contributions, as well as rollovers of previous employers’ eligible qualified plans, and any income or losses on those balances. Participants become 100% vested in the Company’s matching contributions, plus any income or losses on those balances, after two years of service.

Notes Receivable from Participants

Participants may borrow from their account balance a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant’s account, with terms generally up to five years except when use of the proceeds is for the purchase of a primary residence, for which terms can be up to 30 years. The loan interest rate, determined as of the beginning of each calendar month, is set at one percentage point above the prime rate as established in the Wall Street Journal. The interest rates on existing loans ranged from 3.25% to 9.75% at December 31, 2022 and December 31, 2021. Principal and interest are repaid through payroll deductions for current employees.

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Notes to Financial Statements
December 31, 2022 and 2021

Benefit Payments and Plan Withdrawals

Upon termination of service, a participant (or beneficiary) may elect to receive the participant's account balance in either a lump-sum payment or periodic installments. Withdrawals may be made under certain other circumstances in accordance with the Plan document.

Forfeited Accounts

At December 31, 2022 and 2021, forfeited nonvested accounts totaled \$3,773,000 and \$1,471,000, respectively. These accounts can be used to reduce future employer contributions. In 2022, employer contributions were reduced by \$5,934,000 from forfeited nonvested accounts.

Note 2. Summary of Significant Accounting Policies

Basis of Accounting

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

Use of Estimates

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

Investment Valuation and Income Recognition

Investments are stated at fair value. Shares of mutual funds are valued at net asset value at year-end. The Plan's interests in collective trusts are valued based on the net asset value per share as provided by the trustee of the fund, which is used as a practical expedient to estimate fair value. The Company's common stock is valued based on quoted market prices. Refer to Note 4 for more information on valuation of the Plan's investments.

Purchases and sales of investments are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

In the Statement of Changes in Net Assets Available for Benefits, the Plan presents the net appreciation (depreciation) in the fair value of its investments, which consists of realized gains or losses and the change in unrealized appreciation or depreciation on investments. The cost of investments is determined using the average-cost basis for calculating realized gains or losses.

The Plan's T. Rowe Price Stable Value Common Trust Fund invests in investment contracts through a collective trust. This fund's investments meet the fully benefit-responsive investment contract criteria and therefore the underlying investment and related transactions are reported at contract value. The T. Rowe Price Stable Value Common Trust Fund's net asset value is therefore computed on a contract value basis. This net asset value represents the Plan's fair value as the net asset value is the basis upon which the Plan transacts with the fund.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Delinquent loans are reclassified as distributions based on the terms of the Plan document. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses when they are incurred. If a participant ceases to make loan repayments and the Plan administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

Benefits Paid to Participants

Benefits are recorded when paid.

Administrative Expenses

Certain expenses associated with the recordkeeping, management of, and professional services provided to the Plan are paid by the Plan and included in administrative expenses, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants, which are charged directly to the participant's account, as well as fees paid from the administrative budget account (described below), are included in administrative expenses.

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Notes to Financial Statements
December 31, 2022 and 2021

Administrative Budget Account

Fees earned by T. Rowe Price for administrative services, excluding fees for recordkeeping services, are processed and administered through a non-participant directed account (the “administrative budget account”) held in the Vanguard Treasury Money Market Investment Fund. The administrative budget account can also be used to pay for other Plan expenses, such as audit, legal and investment consultation fees. During 2022, Plan expenses of \$466,000 were paid from the administrative budget account, which was partially offset by \$400,000 of credits received in connection with the recordkeeping services agreement the Plan has with T. Rowe Price. Such refunds are reflected as a reduction in administrative expenses on the accompanying Statement of Changes in Net Assets Available for Benefits.

At December 31, 2022 and 2021, there was \$257,000 and \$318,000, respectively, in this account available to pay future Plan expenses.

Risks and Uncertainties

The Plan invests in various investment securities, including mutual funds and common collective trusts, which are exposed to various risks, such as interest rate, credit and overall market volatility. 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 values of investment securities will occur in the near term and that such changes could materially affect the participants’ account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

Subsequent Events

The Plan has evaluated events and transactions occurring after the Statements of Net Assets Available for Benefits date through the date of issuance for recognition or disclosure in the financial statements and notes, and no subsequent events requiring accrual or disclosure have occurred that are not otherwise disclosed herein.

The Company acquired PeproTech, Inc. in December 2021. Effective April 1, 2023, the PeproTech, Inc. 401(k) Plan (the “PeproTech Plan”) was merged into the Plan. The assets of the PeproTech Plan were held by the trustee, Vanguard, prior to the merger and were liquidated and proceeds transferred into the Plan in April 2023. The aggregate value of the proceeds transferred was \$17,104,000. Participants of the PeproTech Plan became eligible to participate in the Plan effective January 1, 2023.

Note 3. Tax Status

The Plan has received a favorable determination letter dated March 12, 2018, from the Internal Revenue Service. The Plan has been amended since receiving the determination letter; however, the Plan administrator, management and the Plan’s ERISA counsel believe that the Plan has been designed and operated in compliance with the applicable requirements of the Internal Revenue Code.

Accounting principles generally accepted in the United States of America require Plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the Internal Revenue Service. The Plan administrator has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2022 and 2021, there were no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes it is no longer subject to income tax examinations for years prior to 2019.

Note 4. Fair Value Measurements

The fair value accounting guidance requires that assets and liabilities carried at fair value, excluding assets measured at the net asset value per share (or its equivalent) practical expedient, be classified and disclosed in one of the following three categories:

Level 1: Quoted market prices in active markets for identical assets or liabilities.

Level 2: Observable market based inputs or unobservable inputs that are corroborated by market data such as quoted prices, interest rates and yield curves.

Level 3: Inputs are unobservable data points that are not corroborated by market data.

The asset’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 maximize the use of observable inputs and minimize the use of unobservable inputs.

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Notes to Financial Statements
December 31, 2022 and 2021

The following table presents information about the Plan's investments measured at fair value on a recurring basis as of December 31, 2022:

(In thousands)	Total	Level 1	Level 2	Level 3	Not subject to leveling (1)
Mutual funds	\$ 404,556	\$ 404,556	\$ —	\$ —	\$ —
Common collective trusts	5,828,005	—	—	—	5,828,005
Common stock	278,176	278,176	—	—	—
Total investments at fair value	<u>\$ 6,510,737</u>	<u>\$ 682,732</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 5,828,005</u>

(1) Investments measured at the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy.

The following table presents information about the Plan's investments measured at fair value on a recurring basis as of December 31, 2021:

(In thousands)	Total	Level 1	Level 2	Level 3	Not subject to leveling (1)
Mutual funds	\$ 441,648	\$ 441,648	\$ —	\$ —	\$ —
Common collective trusts	6,838,684	—	—	—	6,838,684
Common stock	351,787	351,787	—	—	—
Total investments at fair value	<u>\$ 7,632,119</u>	<u>\$ 793,435</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$ 6,838,684</u>

(1) Investments measured at the net asset value per share (or its equivalent) practical expedient have not been classified in the fair value hierarchy.

There were no transfers into or out of level 3 during 2022 or 2021.

The following table presents information about the Plan's investments measured at the net asset value per share (or its equivalent) practical expedient:

(In thousands)	Fair value as of December 31,		Redemption Notice Period (b)
	2022	2021	
Asset Category (a)			
Asset allocation funds	\$ 4,306,952	\$ 5,037,502	1 day notice for participant withdrawals 0-30 days for Plan withdrawals
Equity funds	944,762	1,240,625	0-1 day notice for participant withdrawals 0-30 days for Plan withdrawals
Fixed income funds	109,126	137,645	1 day notice for participant withdrawals 0-30 days for Plan withdrawals
Guaranteed investment contract fund	467,165	422,912	1 day notice for participant withdrawals 12 months for Plan withdrawals
	<u>\$ 5,828,005</u>	<u>\$ 6,838,684</u>	

(a) There were no unfunded commitments at December 31, 2022 and December 31, 2021.

(b) Redemption frequency is daily for all asset categories.

Note 5. Parties-in-Interest and Related-party Transactions

Certain Plan investments are interests in common collective trusts managed by T. Rowe Price Retirement Services, an affiliate of T. Rowe Price Trust Company, the trustee of the Plan. Therefore, transactions in these investments, including dividends earned of \$8,357,000 in 2022, qualify as party-in-interest transactions. Fees borne by the Plan for investment management services were included indirectly as a reduction of the return earned on each fund. Notes receivable and related interest from participants also qualify as party-in-interest transactions.

The Plan invests in common stock of the Company and transactions in this common stock are related-party transactions. As of December 31, 2022 and 2021, the Plan held 505,140 and 527,228 shares, respectively, of Company common stock. In 2022 and 2021, the Plan purchased shares of Company common stock on the open market having a value of \$28,100,000 and \$32,813,000, respectively. In 2022 and 2021, the Plan sold shares of Company common stock on the open market having a value of \$40,103,000 and \$43,379,000, respectively. In 2022 and 2021, the Plan received cash dividends of \$602,000 and \$542,000, respectively on shares of Company common stock held.

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Notes to Financial Statements
December 31, 2022 and 2021

Note 6. Plan Termination

Although it has not expressed an intention to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan, subject to the provisions of ERISA. In such event, the assets of the Plan would be distributed to participants in accordance with Plan provisions.

Note 7. Reconciliation of Financial Statements to Form 5500

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

(in thousands)	December 31, 2022	December 31, 2021
Net assets available for plan benefits per the financial statements	\$ 6,601,291	\$ 7,716,754
Deemed distribution of participants loans	(74)	(41)
Net assets available for plan benefits per the Form 5500	<u>\$ 6,601,217</u>	<u>\$ 7,716,713</u>

The following is a reconciliation of the changes in net assets available for plan benefits per the financial statements to the Form 5500:

(in thousands)	December 31, 2022
Net decrease in assets available for plan benefits per the financial statements	\$ (1,115,463)
Deemed distribution of participants loans	(33)
Net decrease in assets available for plan benefits per the Form 5500	<u>\$ (1,115,496)</u>

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2022
Supplemental Schedule
(In thousands)

Identity of Issue/Borrower, Lessor or Similar Party	Description of investments including maturity date, rate of interest, collateral, par or maturity value	Cost	Current Value
Cash			\$ 191
Mutual Funds			
Dodge & Cox	Dodge & Cox Stock Fund	(2)	230,530
American Funds	American Funds EuroPacific Growth Fund, Class R6	(2)	96,626
Fidelity	Fidelity Inflation-Protected Bond Index Fund	(2)	40,838
Fidelity	Fidelity Total International Index Fund	(2)	31,796
Vanguard	Vanguard Treasury Money Market Fund	\$4,766	4,766
Total mutual funds			404,556
Common Collective Trusts			
T. Rowe Price	Retirement 2030 Active Trust Class G (1)	(2)	761,147
T. Rowe Price	Retirement 2035 Active Trust Class G (1)	(2)	744,854
T. Rowe Price	Retirement 2025 Active Trust Class G (1)	(2)	654,580
T. Rowe Price	Retirement 2040 Active Trust Class G (1)	(2)	613,399
T. Rowe Price	T. Rowe Price Stable Value Common Trust Fund - Class F (1)	(2)	467,165
T. Rowe Price	Retirement 2045 Active Trust Class G (1)	(2)	438,411
State Street Global Advisors	State Street S&P 500 Index Non-Lending Series Fund - Class K	(2)	435,759
T. Rowe Price	Retirement 2020 Active Trust Class G (1)	(2)	327,234
T. Rowe Price	Retirement 2050 Active Trust Class G (1)	(2)	307,289
State Street Global Advisors	State Street Russell Small/Mid Cap Index Fund - Class K	(2)	213,560
T. Rowe Price	Retirement 2055 Active Trust Class G (1)	(2)	191,021
T. Rowe Price	T. Rowe Price Growth Stock Trust Class C (1)	(2)	189,629
Jennison Associates	Jennison US Small-Cap Equity Fund - Class 7	(2)	105,814
T. Rowe Price	Retirement 2015 Active Trust Class G (1)	(2)	97,219
T. Rowe Price	Retirement 2060 Active Trust Class G (1)	(2)	95,042
Fidelity	FIAM Core Plus Fund - Class C	(2)	84,136
T. Rowe Price	Retirement 2010 Active Trust Class G (1)	(2)	35,430
T. Rowe Price	Retirement 2005 Active Trust Class G (1)	(2)	26,309
State Street Global Advisors	State Street U.S. Bond Index Fund - Class M	(2)	24,990
T. Rowe Price	Retirement 2065 Active Trust Class G (1)	(2)	15,017
Total common collective trusts			5,828,005
Common Stock			
Thermo Fisher Scientific Inc.	Common Stock (1)	(2)	278,176
Participant Loans			
	Participant Loans (for a term not exceeding 30 years at interest rates ranging from 3.25% to 9.75%) (1)	(2)	65,488
Total			\$ 6,576,416

(1) Assets are a party-in-interest to the Plan.

(2) Cost information is not required for participant-directed investments and, therefore, is not included.

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2022
Supplemental Schedule
(In thousands)

Identity of Issue/Borrower, Lessor or Similar Party	Description of investments including maturity date, rate of interest, collateral, par or maturity value	Cost	Current Value
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Vanguard	Vanguard Treasury Money Market Fund	\$4,766	4,766
Total mutual funds			404,556
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Jennison Associates	Jennison US Small-Cap Equity Fund - Class 7	(2)	105,814
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T. Rowe Price	Retirement 2060 Active Trust Class G (1)	(2)	95,042
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Total common collective trusts			5,828,005
Common Stock			
Thermo Fisher Scientific Inc.	Common Stock (1)	(2)	278,176
Participant Loans			
	Participant Loans (for a term not exceeding 30 years at interest rates ranging from 3.25% to 9.75%) (1)	(2)	65,488
Total			\$ 6,576,416

(1) Assets are a party-in-interest to the Plan.

(2) Cost information is not required for participant-directed investments and, therefore, is not included.