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

2018

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

A This return/report is for:
- [ ] a multiemployer plan
- [ ] a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)
- [X] a single-employer plan
- [ ] a DFE (specify) ____

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

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

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

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.	07/30/2019	PASCALE THOMAS
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	07/30/2019	PASCALE THOMAS
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

3a Plan administrator's name and address [X] Same as Plan Sponsor	**3b** Administrator's EIN	
	3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: **a** Sponsor's name **c** Plan Name	**4b** EIN **4d** PN	
5 Total number of participants at the beginning of the plan year	**5**	35260
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)**	24371
a(2) Total number of active participants at the end of the plan year	**6a(2)**	29542
b Retired or separated participants receiving benefits	**6b**	75
c Other retired or separated participants entitled to future benefits	**6c**	11554
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	41171
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	87
f Total. Add lines **6d** and **6e**.	**6f**	41258
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	35739
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	1346
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)		**9b** Plan benefit arrangement (check all that apply)	
(1)	[ ] Insurance	**(1)**	[ ] Insurance
(2)	[ ] Code section 412(e)(3) insurance contracts	**(2)**	[ ] Code section 412(e)(3) insurance contracts
(3)	[X] Trust	**(3)**	[X] Trust
(4)	[ ] General assets of the sponsor	**(4)**	[ ] General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

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

b General Schedules

- **(1)** [X] **H** (Financial Information)
- **(2)** [ ] **I** (Financial Information – Small Plan)
- **(3)** [ ] **A** (Insurance Information)
- **(4)** [X] **C** (Service Provider Information)
- **(5)** [X] **D** (DFE/Participating Plan Information)
- **(6)** [ ] **G** (Financial Transaction Schedules)

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

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

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

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

11c Enter the Receipt Confirmation Code for the 2018 Form M-1 annual report. If the plan was not required to file the 2018 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

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

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

DODGE AND COX

BOSTON FINANCIAL DATA SERVICES
PO BOX 8422
BOSTON, MA 02266

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

INVESTMENT ADVISERS LLC

PO BOX 9658
PROVIDENCE, RI 02940

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

PIMCO FUNDS DIST INST

PO BOX 55060
BOSTON, MA 02205

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

STATE STREET GLOBAL ADVISORS

STATE STREET FINANCIAL CENTER
ONE LINCOLN STREET
BOSTON, MA 02111

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

VANGUARD MARKETING CORP

100 VANGUARD BLVD
MALVERN, PA 19355

(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)

NEPC, LLC

PO BOX 4110
WOBURN, 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 99	NONE	196173	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(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 71	NONE	117820	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

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

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
99			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)

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	NONE	83960	Yes [ ] No [X]	Yes [ ] No [ ]		Yes [ ] No [ ]

(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?
14 16 50	NONE	60975	Yes [ ] No [X]	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
T ROWE PRICE RPS INC	15 21 25 28 33 37 38 49 50 52 55 59 62 64 65 71 99	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DODGE & COX INTL STOCK FUND BOSTON FINANCIAL DATA SERVICES PO BOX 8422 BOSTON, MA 02266	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.1%

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
T ROWE PRICE RPS INC	15 21 25 28 33 37 38 49 50 52 55 59 62 64 65 71 99	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
DODGE & COX STOCK FUND BOSTON FINANCIAL DATA SERVICES PO BOX 8422 BOSTON, MA 02266	FEE FOR SHAREHOLDER SERVICING BASED UPON 0.1%

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

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

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

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

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

(complete as many entries as needed)

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

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

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

OMB No. 1210-0110

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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: JENNISON INSTL.U.S. SM-CAP EQUTY FD

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

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)
23-6994310-001	C	75771000

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	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
52-1309931-001	C	287522000

a Name of MTIA, CCT, PSA, or 103-12 IE: SSGA S & P 500 INDEX FUND

b Name of sponsor of entity listed in (a): STATE STREET BANK

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
04-0025081-078	C	207542000

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	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
52-6559833-013	C	124846000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET BLNCD ACTIVE TRST

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
38-7011316-001	C	18109000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2005 ACTIVE TRUST

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
61-6434302-001	C	22491000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2010 ACTIVE TRUST

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

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
32-6199795-001	C	44360000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2015 ACTIVE 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) 131561000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2020 ACTIVE 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) 388000000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2025 ACTIVE 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) 526559000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2030 ACTIVE 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) 541188000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2035 ACTIVE 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) 463806000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2040 ACTIVE 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) 375403000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2045 ACTIVE 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) 217026000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2050 ACTIVE 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) 123000000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2055 ACTIVE 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) 55050000

a Name of MTIA, CCT, PSA, or 103-12 IE: T. ROWE PRICE RET 2060 ACTIVE 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) 10388000

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

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

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

OMB No. 1210-0110

2018

This Form is Open to Public Inspection

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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 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	167000	82000
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	6806000	4548000
(2) Participant contributions	1b(2)	4931000	14000
(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)	49033000	52782419
(9) Value of interest in common/collective trusts	1c(9)	3606825000	3612622000
(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)	576864000	523625000
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)	106863000	126950000
	(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	4351489000	4320623419
	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 through1j)	1k	0	0
	Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	4351489000	4320623419

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.

			(a) Amount	(b) Total
	Income			
a	**Contributions:**			
	(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	117913000	
	(B) Participants	2a(1)(B)	188250000	
	(C) Others (including rollovers)	2a(1)(C)	26445000	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		332608000
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)	2606000	
	(F) Other	2b(1)(F)		
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		2606000
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)	375000	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	22857603	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		23232603
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	18324677	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	15916885	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		2407792
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)	16820087	
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		16820087

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		-205052129
(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)		-76160353
c Other income	2c		299941
d Total income. Add all **income** amounts in column (b) and enter total	2d		96761941
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	293291000	
(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)		293291000
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		60581
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	341108	
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	117833	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		458941
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		293810522
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		-197048581
l Transfers of assets:			
(1) To this plan	2l(1)		166183000
(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) [X] Unqualified (2) [ ] Qualified (3) [ ] Disclaimer (4) [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [ ] Yes [X] No

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:

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

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

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 If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ..... ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year_____. (See instructions.)

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

2018

This Form is Open to Public Inspection.

For calendar plan year 2018 or fiscal plan year beginning 01/01/2018 and ending 12/31/2018

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**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (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 participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	**14a**	
b The plan year immediately preceding the current plan year	**14b**	
c The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	**16a**	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

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

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

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

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

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

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

Thermo Fisher Scientific Inc. 401(k) Retirement Plan

Financial Statements and Supplemental Schedules

December 31, 2018 and 2017

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

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Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	13
Schedule H, Line 4j – Schedule of Reportable Transactions	14

*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 the Thermo Fisher Scientific Inc. 401(k) Plan

We have audited the accompanying financial statements of the Thermo Fisher Scientific Inc. 401(k) Plan (the "Plan"), which comprise the statements of net assets available for benefits as of December 31, 2018 and 2017, and the related statement of changes in net assets available for benefits for the year ended December 31, 2018, and the related notes to the financial statements.

Management's Responsibility 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; this includes 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.

Auditors' Responsibility

Our responsibility is to express an opinion on the financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the entity's preparation and fair presentation of the financial statements 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 entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the Plan as of December 31, 2018 and 2017 and the changes in net assets available for benefits for the year ended December 31, 2018, in accordance with accounting principles generally accepted in the United States of America.

Other Matter

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedules of Schedule H, Line 4i – Schedule of Assets (Held at End of Year) and Schedule H, Line 4j – Schedule of Reportable Transactions as of December 31, 2018 are presented for the

purpose of additional analysis and are not a required part of the financial statements but are supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of the Plan's 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 audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves and other additional procedures, in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated in all material respects in relation to the financial statements as a whole.

PricewaterhouseCoopers LLP

Boston, MA
June 25, 2019

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Statements of Net Assets Available for Benefits
December 31, 2018 and 2017

(In thousands)	2018	2017
Assets		
Cash	$ 82	$ 167
Investments, at fair value (Notes 2 and 4)	4,263,197	4,290,552
Receivables		
Employer contributions	4,548	6,806
Participant contributions	14	4,931
Notes receivable from participants	52,843	49,033
Total receivables	57,405	60,770
Net assets available for benefits	$ 4,320,684	$ 4,351,489

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, 2018

(In thousands)	2018
Additions	
Investment income	
Dividend income	$ 29,117
Net depreciation in fair value of investments	(267,869)
Total investment loss, net	(238,752)
Interest income on notes receivable from participants	2,606
Contributions	
Employer	117,913
Participants	188,250
Participant rollovers	26,445
Total contributions	332,608
Total additions, net	96,462
Deductions	
Benefits paid to participants	293,291
Administrative expenses	159
Total deductions	293,450
Net decrease in net assets available for benefits prior to merger	(196,988)
Merger of 401(k) Plans (Note 1)	166,183
Net decrease in net assets available for benefits	(30,805)
Net Assets Available for Benefits	
Beginning of year	4,351,489
End of year	$ 4,320,684

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

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").

Mergers

The Company acquired FEI Company in September 2016. Effective January 1, 2018, the FEI Company 401(k) Plan (the "FEI Plan") was merged into the Plan. The assets of the FEI Plan were held by the trustee, Fidelity Management Trust Company, on December 31, 2017 and were liquidated and proceeds were transferred into the Plan in January 2018. The aggregate value of the proceeds transferred was $154,878,000.

The Company acquired Molecular Transfer, Inc. in November 2016. Effective January 1, 2018, the Molecular Transfer, Inc. 401(k) Profit Sharing Plan (the "Molecular Plan") was merged into the Plan. The assets of the Molecular Plan were held by the trustee, Charles Schwab, on December 31, 2017 and were liquidated and proceeds were transferred into the Plan in January 2018. The aggregate value of the proceeds transferred was $1,610,000.

The Company acquired Finesse Solutions Inc. in February 2017. Effective January 1, 2018, the Finesse Solutions Inc. Retirement Trust (the "Finesse Plan") was merged into the Plan. The assets of the Finesse Plan were held by the trustee, Ubiquity Retirement and Savings, on December 31, 2017 and were liquidated and proceeds were transferred into the Plan in January 2018. The aggregate value of the proceeds transferred was $4,400,000.

The Company acquired IntegenX, Inc. in March 2018. Effective January 1, 2019, the IntegenX Inc. Savings and Retirement Plan (the "IntegenX Plan") was merged into the Plan. The assets of the IntegenX Plan were held by the trustee, Transamerica, prior to the merger and were liquidated and proceeds were transferred into the Plan on December 31, 2018 after the close of the financial markets. The aggregate value of the proceeds transferred was $5,295,000. Participants of the IntegenX Plan became eligible to participate in the Plan effective January 1, 2019.

Eligibility

U.S. employees (as defined by the Plan) of the Company and its participating subsidiaries are generally eligible to participate in the Plan and receive Company matching contributions upon their date of hire (or rehire). Participants of certain unions may be eligible to participate in the Plan upon their date of hire (or rehire) but are not eligible for an allocation of Company contributions until the completion of one year of service.

Contributions

Each year participants may contribute on a combined pre-tax and after tax (Roth) basis up to 50% of their eligible compensation, not to exceed the limits of the Internal Revenue Code. Participants may also contribute amounts representing distributions from other qualified plans ("Participant Rollovers"). The Company's non-

discretionary matching contribution is equal to 100% of the first 6% of eligible compensation that a participant contributes to the Plan. Participants direct the investment of their contributions and the Company match into various investment options including investment funds and the Company's common stock. Contributions are subject to certain limitations. Employee contributions and Company match are recorded on a bi-weekly basis or weekly for those employees on a weekly payroll. For participants of the Company's cash balance plan prior to December 31, 2005, when the cash balance plan was frozen, the Company also contributes 0.5% of eligible participants' or 2.5% of certain union participants' compensation. Such contributions were $825,000 in 2018 and are included in employer contributions on the accompanying Statement of Changes in Net Assets Available for Benefits.

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.

Participant Accounts

Each participant's account is credited with the participant's contributions, the Company matching contributions and income or losses on those balances, as well as withdrawals, loan fees and loan repayments, as applicable.

Administrative Expenses

The Company pays certain administrative expenses associated with the management of and professional services provided to the Plan which are not included in the Statement of Changes in Net Assets Available for Benefits. Expenses reported in the Statement of Changes in Net Assets Available for Benefits include both administrative fees for loan transactions, which are paid by the participants, and the fees paid from the administrative budget account as described below.

Administrative Budget Account

T. Rowe Price earns a set fee for recordkeeping services. Prior to January 2013, if the Plan's share of investment expenses incurred by the mutual Plan funds and other investments held by the Plan exceeded this fee amount, the excess was deposited by T. Rowe Price into a non-participant directed account which could be used to pay other Plan expenses, such as audit and investment consultation fees. In January 2013, the Plan's share of investment expenses was reduced to match the fee for recordkeeping services. The remaining balance of the account is held in the Vanguard Treasury Money Market Investment Fund. During 2018, plan expenses of $341,000 were paid from the administrative budget account, which was offset by $300,000 in 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, 2018 and 2017, there was $124,000 and $191,000, respectively, in this account available to pay future Plan expenses.

Vesting

Participants are immediately vested in their contributions from rollovers of previous employers' eligible qualified plans, voluntary contributions and any income or losses on those balances. Participants hired before January 1, 2014, are also immediately vested in the Company's matching contributions plus actual income or losses

on those balances. Participants hired on or after January 1, 2014, become 100% vested in the Company's matching contributions, plus any income or losses on those balances, after two years of service. The Company acquired Affymetrix, Inc. in March 2016. Effective December 16, 2016, the Affymetrix, Inc. Employee Savings and Investment Plan (the "Affymetrix Plan") was merged into the Plan. Amounts contributed by Affymetrix for participants of the Affymetrix Plan and transferred to the Plan as part of the merger of the Affymetrix Plan in 2016 continue to vest according to the Affymetrix Plan vesting schedule, generally i) 25% per year of service, or ii) 100% at age 55 or death or disability prior to the termination of employment. Any amounts contributed to the Plan for such participants after December 16, 2016 is subject to the Plan's regular vesting schedule.

Notes Receivable from Participants

Participants may borrow from their account balance. Loans must be for a minimum of $1,000 and have a maximum equal to $50,000 or 50% of the account balance, whichever is less. The term of the loan is generally five years except when use of the proceeds is for the purchase of a primary residence, for which the term can be up to 30 years. The loans are secured by the balance in the participant's account and bear interest set at the prime rate as established in the Wall Street Journal, plus 1%. The prime rate and rate of interest on new Plan loans are determined as of the beginning of each calendar month. The interest rates on existing loans range from 2.15% to 9.75% at December 31, 2018 and 2017. Principal and interest are repaid through payroll deductions for current employees.

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, 2018 and 2017, forfeited nonvested accounts totaled $449,000 and $2,483,000, respectively. These accounts can be used to reduce future employer contributions. In 2018, the total amount of forfeitures were $2,589,000, and employer contributions were reduced by $4,623,000 from forfeited nonvested accounts. The total amount of forfeitures above includes amounts transferred into the Plan with plan mergers and investment gains and losses on the 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.

Investment contracts held by a defined-contribution plan are required to be reported at contract value. The Plan invests in investment contracts through certain collective trusts. The Statements of Net Assets Available for Benefits presents the investments in the collective trusts at contract value relating to the investment contracts. The Statement of Changes in Net Assets Available for Benefits is also prepared on a contract value basis.

Payment of Benefits

Benefits are recorded when paid.

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. No allowance for credit losses has been recorded as of December 31, 2018 or 2017. 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.

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.

Recent Accounting Pronouncements

In August 2018, the FASB issued new guidance to modify the disclosure requirements on fair value measurements. The Plan adopted the guidance in 2018. Adoption of this guidance did not have a material impact on the Plan's disclosures.

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.

The Company acquired Patheon, Inc. in August 2017. Effective January 1, 2019, the Patheon U.S. Retirement Savings Plan (the "Patheon Plan") was merged into the Plan. The assets of the Patheon Plan were held by the trustee, Voya Financial, on December 31, 2018 and were liquidated and proceeds were transferred into the Plan in January 2019. The aggregate value of the proceeds transferred was $254,052,000.

The Company acquired Linkage Biosciences, Inc., in July 2017. Effective January 28, 2019, the Linkage Biosciences, Inc. 401(k) Plan (the "Linkage Plan") was merged into the Plan. The assets of the Linkage Plan were held by the trustee, Paychex, on December 31, 2018 and were liquidated and proceeds were transferred into the Plan in January 2019. The aggregate value of the proceeds transferred was $570,000.

The Company acquired Becton, Dickinson and Company's Advanced Bioprocessing business in October 2018. Effective February 11, 2019, plan assets belonging to the Advanced Bioprocessing business employees participating in the Becton, Dickinson and Company 401(k) plan (the "AB Plan") were rolled over into the Plan. The assets of the AB Plan were held by the trustee, Fidelity, on December 31, 2018 and the assets belonging to the Advanced Bioprocessing business employees were liquidated and proceeds were transferred into the Plan in February 2019. The aggregate value of the assets transferred from the AB Plan was $7,830,000.

Note 3. Tax Status

The Plan has received a favorable determination letter dated July 6, 2012, 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, 2018 and 2017, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan administrator believes it is no longer subject to income tax examinations for years prior to 2014.

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 that the Company has the ability to access.

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.

The following table presents information about the Plan's investments measured at fair value on a recurring basis as of December 31, 2018:

(In thousands)	Total	Level 1	Level 2	Level 3	Not subject to leveling (1)
Mutual funds	$ 523,625	$ 523,625	$ —	$ —	$ —
Common collective trusts	3,612,622	—	—	—	3,612,622
Common stock	126,950	126,950	—	—	—
Total investments at fair value	$ 4,263,197	$ 650,575	$ —	$ —	$ 3,612,622

(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, 2017:

(In thousands)	Total	Level 1	Level 2	Level 3	Not subject to leveling (1)
Mutual funds	$ 576,864	$ 576,864	$ —	$ —	$ —
Common collective trusts	3,606,825	—	—	—	3,606,825
Common stock	106,863	106,863	—	—	—
Total investments at fair value	$ 4,290,552	$ 683,727	$ —	$ —	$ 3,606,825

(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 between levels during 2018 or 2017.

The table below presents the fair value of Plan investments that are measured at the net asset value per share (or its equivalent) practical expedient:

(In thousands)	Fair Value as of December 31, 2018	2017	Unfunded Commitments	Redemption Frequency	Redemption Notice Period
Asset Category					
Asset allocation funds	$ 2,916,941	$ 2,965,289	$ —	Daily	1 day notice for participant withdrawals 0-30 days for Plan withdrawals
Equity funds	408,159	390,022	—	Daily	0-1 day for participant withdrawals 0-90 days for Plan withdrawals
Guaranteed investment contract funds	287,522	251,514	—	Daily	1 day notice for participant withdrawals 12-30 months for Plan withdrawals
	$ 3,612,622	$ 3,606,825	$ —		

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

Certain Plan investments are shares of mutual funds or 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 $5,884,000, 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 from participants also qualify as party-in-interest transactions. Interest on notes receivable from participants was $2,606,000 in 2018.

The Plan invests in common stock of the Company and transactions in this common stock are related-party transactions. As of December 31, 2018 and 2017, the Plan held 567,274 and 562,794 shares, respectively, of Company common stock. In 2018 and 2017, the Plan purchased shares of Company common stock on the open market having a value of $20,083,000 and $14,289,000, respectively. In 2018 and 2017, the Plan sold shares of Company common stock on the open market having a value of $19,229,000 and $16,729,000, respectively. In 2018 and 2017, the Plan received cash dividends of $375,000 and $344,000, respectively on shares of Company common stock held.

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, 2018	December 31, 2017
Net assets available for plan benefits per the financial statements	$ 4,320,684	$ 4,351,489
Deemed distribution of participants loans	(61)	—
Net assets available for plan benefits per the Form 5500	$ 4,320,623	$ 4,351,489

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, 2018
Net decrease in assets available for plan benefits per the financial statements	$ (30,805)
Deemed distribution of participants loans	(61)
Net decrease in assets available for plan benefits per the Form 5500	$ (30,866)

Thermo Fisher Scientific Inc. 401(k) Retirement Plan
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2018
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 (In thousands)
Cash			$ 82
Mutual Funds			
Dodge & Cox	Dodge & Cox Stock Fund	(2)	154,255
Dodge & Cox	Dodge & Cox International Stock Fund	(2)	100,575
Vanguard	Vanguard Mid Capitalization Index Fund, Instl. Plus	(2)	179,152
PIMCO	PIMCO Total Return Fund	(2)	88,734
Vanguard	Vanguard Treasury Money Market Inv.	$909	909
Total mutual funds			523,625
Common Collective Trusts			
T. Rowe Price	Retirement 2025 Active Trust E (1)	(2)	526,559
T. Rowe Price	Retirement 2030 Active Trust E (1)	(2)	541,188
T. Rowe Price	Retirement 2020 Active Trust E (1)	(2)	388,000
T. Rowe Price	Retirement 2035 Active Trust E (1)	(2)	463,806
T. Rowe Price	Retirement 2040 Active Trust E (1)	(2)	375,403
T. Rowe Price	T. Rowe Price Stable Value Fund (1)	(2)	287,522
T. Rowe Price	Retirement 2015 Active Trust E (1)	(2)	131,561
State Street Global Advisors	SSGA S&P 500 Index Fund Class N	(2)	207,542
T. Rowe Price	Retirement 2045 Active Trust E (1)	(2)	217,026
T. Rowe Price	Retirement 2050 Active Trust E (1)	(2)	123,000
T. Rowe Price	T. Rowe Price Growth Stock Trust Class B (1)	(2)	124,846
Jennison Associates	Jennison Institutional U.S. Small-Cap Equity Fund	(2)	75,771
T. Rowe Price	Retirement 2055 Active Trust E (1)	(2)	55,050
T. Rowe Price	Retirement 2005 Active Trust E (1)	(2)	22,491
T. Rowe Price	Retirement Balanced Active Trust E (1)	(2)	18,109
T. Rowe Price	Retirement 2010 Active Trust E (1)	(2)	44,360
T. Rowe Price	Retirement 2060 Active Trust E (1)	(2)	10,388
Total common collective trusts			3,612,622
Common Stock			
Thermo Fisher Scientific Inc.	Common Stock (1)	(2)	126,950
Participant Loans	Participant Loans (for a term not exceeding 30 years at interest rates ranging from 2.15% to 9.75%) (1)	(2)	52,843
Total			$ 4,316,122

(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 4j - Schedule of Reportable Transactions
For the Year Ended December 31, 2018
Supplemental Schedule
(In thousands)

(A) Identity of Party Involved	(B) Description of Asset	(C) Purchase Price	(D) Selling Price	(G) Cost of Asset	(H) Current Value of Asset on Transaction Date	(I) Net Gain/ (Loss)
T. Rowe Price	Common Trust	443,638	—	443,638	443,638	—
T. Rowe Price	Common Trust	31,492	31,378	31,492	31,378	(114)
T. Rowe Price	Common Trust	587,636	—	587,636	587,636	—
T. Rowe Price	Common Trust	21,984	21,744	21,984	21,744	(240)
Vanguard	Mutual Fund	218,184	—	218,184	218,184	—
Vanguard	Mutual Fund	9,288	9,041	9,288	9,041	(247)
T. Rowe Price	Common Trust	605,840	—	605,840	605,840	—
T. Rowe Price	Common Trust	18,367	18,046	18,367	18,046	(321)
T. Rowe Price	Common Trust	527,475	—	527,475	527,475	—
T. Rowe Price	Common Trust	19,472	19,177	19,472	19,177	(295)
T. Rowe Price	Common Trust	426,460	—	426,460	426,460	—
T. Rowe Price	Common Trust	12,426	12,152	12,426	12,152	(274)
T. Rowe Price	Common Trust	248,444	—	248,444	248,444	—
T. Rowe Price	Common Trust	8,308	8,207	8,308	8,207	(101)
State Street Global Advisors	Common Trust	240,376	—	240,376	240,376	—
State Street Global Advisors	Common Trust	13,883	13,883	13,883	13,883	—
T. Rowe Price	Common Trust	26,585	—	26,585	26,585	—
T. Rowe Price	Common Trust	377,922	459,769	377,922	459,769	81,847
State Street Global Advisors	Common Trust	28,004	—	28,004	28,004	—
State Street Global Advisors	Common Trust	163,095	235,333	163,095	235,333	72,238
T. Rowe Price	Common Trust	50,136	—	50,136	50,136	—
T. Rowe Price	Common Trust	482,990	595,198	482,990	595,198	112,208
T. Rowe Price	Common Trust	51,597	—	51,597	51,597	—
T. Rowe Price	Common Trust	483,904	608,193	483,904	608,193	124,289
T. Rowe Price	Common Trust	48,387	—	48,387	48,387	—
T. Rowe Price	Common Trust	414,171	527,278	414,171	527,278	113,107
T. Rowe Price	Common Trust	36,820	—	36,820	36,820	—
T. Rowe Price	Common Trust	328,556	421,603	328,556	421,603	93,047
Vanguard	Mutual Fund	15,293	—	15,293	15,293	—
Vanguard	Mutual Fund	151,546	217,364	151,546	217,364	65,818
T. Rowe Price	Common Trust	27,196	—	27,196	27,196	—
T. Rowe Price	Common Trust	189,714	240,355	189,714	240,355	50,641

Plan Name	**Thermo Fisher Scientific Inc. 401(k) Retirement Plan**
Plan Sponsor EIN	**04-2209186**
ERISA Plan #	**001**
Plan Year Ending	**December 31, 2018**

The required attachment marked with an "X" in the Attachment column is included within the Accountant's Opinion attachment to Sch. H, Part III, Line 3, which consists of the entire audit report issued by the plan's Independent Qualified Public Accountant (IQPA).

Form/Schedule	Line #	Description	Attachment
5500 Sch. H	Line 3	Financial statements used in formulating the IQPA's opinion	X
5500 Sch. H	Line 4i	Schedule of Assets (Held at End of Year)	X
5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	X
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

Plan Name	**Thermo Fisher Scientific Inc. 401(k) Retirement Plan**
Plan Sponsor EIN	**04-2209186**
ERISA Plan #	**001**
Plan Year Ending	**December 31, 2018**

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5500 Sch. H	Line 4i	Schedule of Assets (Acquired and Disposed of Within Year)	
5500 Sch. H	Line 4j	Schedule of Reportable Transactions	X
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	

Plan Name	**Thermo Fisher Scientific Inc. 401(k) Retirement Plan**
Plan Sponsor EIN	**04-2209186**
ERISA Plan #	**001**
Plan Year Ending	**December 31, 2018**

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5500 Sch. H	Line 4j	Schedule of Reportable Transactions	X
5500 Sch. H	Line 4a	Schedule of Delinquent Participant Contributions	