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

2019

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

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)

Part II Basic Plan Information—enter all requested information

1a Name of plan
RPC, INC. RETIREMENT SAVINGS PLAN

1b Three-digit plan number (PN) ▶ 003

1c Effective date of plan 01/01/1995

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)
RPC, INC.

500 WORLD COMMERCE PARKWAY
ST. AUGUSTINE, FL 32092

2b Employer Identification Number (EIN)
59-2707333

2c Plan Sponsor's telephone number
904-737-7730

2d Business code (see instructions)
532400

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

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

SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2020	DAVID W. ALBAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/15/2020	SHELLEY MINZENBERG
	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**	2531
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)**	2209
a(2) Total number of active participants at the end of the plan year	**6a(2)**	2222
b Retired or separated participants receiving benefits	**6b**	25
c Other retired or separated participants entitled to future benefits	**6c**	330
d Subtotal. Add lines **6a(2)**, **6b**, and **6c**	**6d**	2577
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	**6e**	1
f Total. Add lines **6d** and **6e**.	**6f**	2578
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	2567
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	156
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 2J 2F 2G 2K 3D 3F 3H 2S 2T

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

(1)	[X]	Insurance
(2)	[ ]	Code section 412(e)(3) insurance contracts
(3)	[X]	Trust
(4)	[ ]	General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

(1)	[X]	Insurance
(2)	[ ]	Code section 412(e)(3) insurance contracts
(3)	[X]	Trust
(4)	[ ]	General assets of the sponsor

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

a Pension Schedules

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

b General Schedules

(1)	[X]		**H** (Financial Information)
(2)	[ ]		**I** (Financial Information – Small Plan)
(3)	[X]	1	**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 2019 Form M-1 annual report. If the plan was not required to file the 2019 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code_____

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance Information

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

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

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2019

This Form is Open to Public Inspection

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan
RPC, INC. RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 003

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

D Employer Identification Number (EIN)
59-2707333

Part I **Information Concerning Insurance Contract Coverage, Fees, and Commissions** Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier
MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

(b) EIN	**(c)** NAIC code	**(d)** Contract or identification number	**(e)** Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	**(g)** To
04-1590850	65935	SF 51634	2578	01/01/2019	12/31/2019

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	159405117

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

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

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan, check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☒ other ▶ GROUP ANNUITY CONTRACT

b	Balance at the end of the previous year			7b	47032384
c	Additions: (1) Contributions deposited during the year	7c(1)	20721401		
	(2) Dividends and credits	7c(2)	0		
	(3) Interest credited during the year	7c(3)	1444730		
	(4) Transferred from separate account	7c(4)	4408362		
	(5) Other (specify below)	7c(5)	2546207		
	▶ LN INT, LN PRIN, LOAN DEFAULT, LOAN				
	(6)Total additions			7c(6)	29120700
d	Total of balance and additions (add lines **7b** and **7c(6)**).			7d	76153084
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	4578252		
	(2) Administration charge made by carrier	7e(2)	7542		
	(3) Transferred to separate account	7e(3)	20320904		
	(4) Other (specify below)	7e(4)	364590		
	▶ LN DISTRIB				
	(5) Total deductions			7e(5)	25271288
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	50881796

Part III Welfare Benefit Contract Information

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

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision) **b** ☐ Dental **c** ☐ Vision **d** ☐ Life insurance

e ☐ Temporary disability (accident and sickness) **f** ☐ Long-term disability **g** ☐ Supplemental unemployment **h** ☐ Prescription drug

i ☐ Stop loss (large deductible) **j** ☐ HMO contract **k** ☐ PPO contract **l** ☐ Indemnity contract

m ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount			**10b**	

Specify nature of costs.

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2019** **This Form is Open to Public Inspection.**

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan
RPC, INC. RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 003

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

D Employer Identification Number (EIN)
59-2707333

Part I Service Provider Information (see instructions)

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

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

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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)

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(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?
49 52 60 62 63 64 68 72	CONTRACT ADMINISTRATOR	87636	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

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

KESTRA INVESTMENT SERVICES LLC

74-2794194

(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?
53	SHAREHOLDER SERVICE PROVI	0	Yes [X] No [ ]	Yes [ ] No [X]	253377	Yes [ ] No [X]

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

NYLIFE SECURITIES LLC

27-0145686

(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?
53	SHAREHOLDER SERVICE PROVI	0	Yes [X] No [ ]	Yes [ ] No [X]	163431	Yes [ ] No [X]

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)

AMERICAN FUNDS

95-1411037

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] No [ ]

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

BARON

13-6891420

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] No [ ]

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

FRANKLINTEMPLETON

59-2745039

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] 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)

INVESCO

13-6977079

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] No [ ]

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

INVESCO

84-1120195

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] No [ ]

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

INVESCO

93-1036175

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] 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)

JP MORGAN

13-3963293

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] No [ ]

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

NORTHERN FUNDS

36-3608252

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] No [ ]

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

T. ROWE PRICE

52-1151266

(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?
52	INVESTMENT PROVIDER	0	Yes [X] No [ ]	Yes [ ] No [X]	0	Yes [X] 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
KESTRA INVESTMENT SERVICES LLC	53	253377

(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.
MASSACHUSETTS MUTUAL LIFE INS. CO. 04-1590850	COMMISSIONS AND FEES

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
NYLIFE SECURITIES LLC	53	163431

(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.
MASSACHUSETTS MUTUAL LIFE INS. CO. 04-1590850	COMMISSIONS AND FEES

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SEL DVRSFD VAL BRANDYWINETRP 01-0821120	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SEL DVRSFD VAL II BRNDYWNTRP 01-0821120	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
PREM INFLAT-PROT AND INCM BARINGS 03-0532475	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
PREM SHORT-DURATION BOND BARINGS 04-3212057	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
PREM U.S. GOVT MONEY MRKT BARINGS 04-3212059	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
PREMIER CORE BOND BARINGS 04-3277549	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
MM S&P 500 INDEX NORTHERN TRUST 04-3410047	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
PREMIER SM CAP OPPS INVESCO 04-3424705	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
PREMIER DIVERSIFIED BOND BARINGS 04-3464165	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SELECT SM CP GR WELLINGTONINV 04-3464205	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SEL GR OPPORTUNITIES SANDSJSP 04-3512589	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SELECT EQUITY OPPS WELLINGTONTRP 04-3512590	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SELECT MID CAP GR TRPFRONTIER 04-3512596	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
PREMIER DISCIPLINED GR II BARINGS 04-3539084	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SELECT TRPLS BLUE CHIP GROWTH 04-3556992	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SELECT TRPLS BLUE CHIP GROWTH II 04-3556992	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SELECT OVERSEAS MFSHARRIS 04-3557000	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SEL FUNDAMENTAL VAL BRWHNLYBSPT 04-3584138	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
SEL SMALL CO VALUE ABAM CENTURY 04-3584140	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MID CAP VALUE JP MORGAN 13-3963293	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GROWTH BARON 13-6891420	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MID CAP VALUE INVESCO OPPENHEIMER 13-6977079	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
BOND INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
INTL EQUITY INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MID CAP INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SMALL CAP INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	49	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.
MILLENNIUM TRUST COMPANY, LLC 36-4400066	REFERRAL FEE

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72 52	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.
PREMIER GLOBAL INVESCO 51-0529334	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SPECTRUM GROWTH T. ROWE PRICE 52-1151266	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GROWTH FRANKLINTEMPLETON 59-2745039	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
MM SEL T. ROWE PRICE RET 2010 82-3355639	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
MM SEL T. ROWE PRICE RET 2020 82-3396442	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
MM SEL T. ROWE PRICE RET 2030 82-3430358	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
MM SEL T. ROWE PRICE RET 2040 82-3451779	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
MM SEL T. ROWE PRICE RET 2050 82-3481715	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 72 52	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.
MM SEL T. ROWE PRICE RET BAL 82-3533944	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GLOBAL STRATEGIC INC INVESCO OPP 84-1120195	BASIS POINTS * PLAN ASSETS

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
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
GLOBAL OPPS INVESCO OPPENHEIMER 93-1036175	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	63 60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
EUROPACIFIC GROWTH AMERICAN 95-1411037	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
AMERICAN FUNDS	52	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.
EUROPACIFIC GROWTH AMERICAN 95-1411037	BASIS POINTS * PLAN ASSETS

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
BARON	52	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.
GROWTH BARON 13-6891420	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
FRANKLINTEMPLETON	52	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.
GROWTH FRANKLINTEMPLETON 59-2745039	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
INVESCO	52	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.
MID CAP VALUE INVESCO OPPENHEIMER 13-6977079	BASIS POINTS * PLAN ASSETS

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
INVESCO	52	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.	
GLOBAL STRATEGIC INC INVESCO OPP 84-1120195	BASIS POINTS * PLAN ASSETS	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
INVESCO	52	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.	
GLOBAL OPPS INVESCO OPPENHEIMER 93-1036175	BASIS POINTS * PLAN ASSETS	

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
JP MORGAN	52	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.	
MID CAP VALUE JP MORGAN 13-3963293	BASIS POINTS * PLAN ASSETS	

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
NORTHERN FUNDS	52	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.
BOND INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
NORTHERN FUNDS	52	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.
INTL EQUITY INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
NORTHERN FUNDS	52	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.
MID CAP INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

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
NORTHERN FUNDS	52	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.
SMALL CAP INDEX NORTHERN 36-3608252	BASIS POINTS * PLAN ASSETS

(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	52	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.
SPECTRUM GROWTH T. ROWE PRICE 52-1151266	BASIS POINTS * PLAN ASSETS

(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

2019

This Form is Open to Public Inspection.

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan
RPC, INC. RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 003

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

D Employer Identification Number (EIN)
59-2707333

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: SIA-BT MM SEL T. ROWE PRICE RET BAL

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
90-0342299-000	P	860623

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-FT MM SEL T. ROWE PRICE RET 201

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
90-0342299-000	P	4280353

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-LT MM SEL T. ROWE PRICE RET 202

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
90-0342299-000	P	8434532

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-MK SEL DVRSFD VAL

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
04-1590850-000	P	5808460

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-ND PREMIER GLOBAL

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
04-1590850-000	P	4223410

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-NH GLOBAL OPPS

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
04-1590850-000	P	5454113

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-OT MM SEL T. ROWE PRICE RET 205

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

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)
90-0342299-000	P	22071003

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-P PREMIER DIVERSIFIED BOND

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3241607

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-PF MID CAP VALUE

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4057330

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-PT MM SEL T. ROWE PRICE RET 203

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 28917137

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QA INTL EQUITY INDEX

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1183828

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QI MID CAP INDEX

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2591717

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QT MM SEL T. ROWE PRICE RET 204

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 20215763

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QV SMALL CAP INDEX

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1488336

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QW BOND INDEX

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1495839

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SC SELECT SM CP GR

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3233377

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SD SEL GR OPPORTUNITIES

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7636384

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SH SELECT OVERSEAS			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1249658
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SK SEL FUNDAMENTAL VAL			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	3635058
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-SY SEL SMALL CO VALUE			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1879325
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-T8 GLOBAL STRATEGIC INC			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	849732
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-VB EUROPACIFIC GROWTH			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1019473
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WA SELECT TRP/LS BLUE CHIP GROW			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	6311494
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WF SELECT MID CAP GR			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	5653984
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WH SPECTRUM GROWTH			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	3188109
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WY GROWTH			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	3921454
a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-X MM S&P 500 INDEX			
b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE			
c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	5802638

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-Y6 PREM INFLAT-PROT AND INCM

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 700248

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-YG PREM U.S. GOVT MONEY MRKT

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-000	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 132

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

2019

This Form is Open to Public Inspection

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan
RPC, INC. RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 003

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

D Employer Identification Number (EIN)
59-2707333

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	5397055	6099513
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	15754857	
(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)	121751441	176731107
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	47032384	50881796
(15) Other	1c(15)		

			(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:			
	(1) Employer securities	1d(1)		
	(2) Employer real property	1d(2)		
e	Buildings and other property used in plan operation	1e		
f	Total assets (add all amounts in lines 1a through 1e)	1f	189935737	233712416
	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	189935737	233712416

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)	9271679	
	(B) Participants	2a(1)(B)	11449722	
	(C) Others (including rollovers)	2a(1)(C)	692107	
	(2) Noncash contributions	2a(2)		
	(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		21413508
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)	340615	
	(F) Other	2b(1)(F)	1444730	
	(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		1785345
	(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
	(B) Common stock	2b(2)(B)	0	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
	(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		0
	(3) Rents	2b(3)		
	(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)	3100038	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	2814649	
	(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		285389
	(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
	(B) Other	2b(5)(B)		
	(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		31269465
(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)		2854274
c Other income	2c		
d Total income. Add all **income** amounts in column (b) and enter total	2d		57607981
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	13708905	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		13708905
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		34777
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	87441	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	179	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		87620
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		13831302
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		43776679
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 Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

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

(1) Name: RSM US LLP **(2)** EIN: 42-0714235

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		500000
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	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

2019

This Form is Open to Public Inspection.

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan
RPC, INC. RETIREMENT SAVINGS PLAN

B Three-digit plan number (PN) ▶ 003

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

D Employer Identification Number (EIN)
59-2707333

Part I Distributions

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

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1** 0

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

EIN(s): 04-1590850

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):

20 **PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation_____

RPC, Inc. Retirement Savings Plan

Financial Report
December 31, 2019

Contents

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RSM US LLP

Independent Auditor's Report

Plan Administrator and Participants
RPC, Inc. Retirement Savings Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of RPC, Inc. Retirement Savings Plan (the Plan), which comprise the statements of net assets available for benefits as of December 31, 2019 and 2018, the related statement of changes in net assets available for benefits for the year ended December 31, 2019, 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 these 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.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the Plan Administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified or provided by Reliance Trust Company, the trustee of the Plan, and Massachusetts Mutual Life Insurance Company, the custodian of the Plan, except for comparing such information with the related information included in the financial statements. We have been informed by the Plan Administrator that the trustee and custodian hold the Plan's assets and execute transactions. The Plan Administrator has obtained certifications from the trustee as of December 31, 2019 and 2018, and for the year ended December 31, 2019, that the information provided to the Plan Administrator by the trustee is complete and accurate to the best of their knowledge and belief, and from the custodian as of December 31, 2019 and 2018, and for the year ended December 31, 2019, that the information provided to the Plan Administrator by the custodian is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

RSM US LLP is the U.S. member firm of RSM International, a global network of independent audit, tax, and consulting firms. Visit rsmus.com/aboutus for more information regarding RSM US LLP and RSM International.

Other Matter
The supplemental schedule of assets (held at end of year) as of December 31, 2019, is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 and is presented for the purposes of additional analysis and is not a required part of the financial statements. The supplemental schedule is the responsibility of the Plan's management. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule.

Report on Form and Content in Compliance With DOL Rules and Regulations
The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified or provided by the trustee and custodian, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

RSM US LLP

Orlando, Florida
October 14, 2020

RPC, Inc. Retirement Savings Plan

Statements of Net Assets Available for Benefits
December 31, 2019 and 2018

	2019	2018
Assets		
Investments at fair value	**$ 176,731,107**	$ 137,506,298
Investments at contract value	**50,881,796**	47,032,384
Total investments	**227,612,903**	184,538,682
Receivables:		
Employer contributions	**6,500,000**	5,026,912
Notes from participants	**6,099,513**	5,397,055
Total receivables	**12,599,513**	10,423,967
Net assets available for benefits	**$ 240,212,416**	$ 194,962,649

See notes to financial statements.

RPC, Inc. Retirement Savings Plan

Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2019

Additions to net assets attributed to:	
Investment income:	
Net appreciation in fair value of investments	$ 34,409,128
Interest	1,444,730
Total investment loss	35,853,858
Interest income on notes receivable from participants	340,615
Contributions:	
Participants	11,449,722
Employer, net of forfeitures	10,744,767
Rollovers	692,107
Total contributions	22,886,596
Total additions	59,081,069
Deductions from net assets attributed to:	
Benefits paid to participants	13,743,682
Administrative expenses	87,620
Total deductions	13,831,302
Net increase in net assets available for benefits	45,249,767
Net assets available for benefits:	
Beginning of year	194,962,649
End of year	$ 240,212,416

See notes to financial statements.

Note 1. Plan Description

The following description of the RPC, Inc. Retirement Savings Plan (the Plan) as amended and restated effective June 1, 2015, provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General: The Plan, established in 1995, is a defined contribution Plan available to substantially all employees of RPC, Inc. and SITECH North and Central Florida, LLC (the Company or Employer) with no age or service requirements. Eligible employees can enroll on the first day of each quarter. Collectively bargained employees and non-resident aliens are excluded from participation in the Plan.
The Board of Directors of the Company is responsible for oversight of the Plan and the determination of the appropriateness of the Plan's investment offerings and monitors investment performance. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions: Each year, participants may contribute up to 100% of their compensation to the Plan up to the Internal Revenue Code (IRC) maximum limits. The maximum allowable pretax voluntary contribution, as determined by the Internal Revenue Service (IRS), was $19,000 for 2019. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions of up to $6,000. A Roth elective contribution feature allows employees to make after-tax contributions into the Plan as well. The Plan has a 5% automatic enrollment provision, increased by 1% annually on January 1 of each year up to a maximum deferral amount of 10% of compensation. If no investment selection is made by an automatically enrolled employee, the appropriate age-based T. Rowe Price Retirement Series fund will be selected as the default investment option. Participants may change the deferral election to a different percentage or amount, including zero, at any time. Participants may also contribute amounts representing distributions from other qualified defined benefit or defined contribution plans.

The Company provides for a matching contribution of 50% of participant contributions up to 7% of compensation. The Company may also make discretionary employer contributions to employees who have at least one year of service with a minimum of 1,000 hours in a 12-month consecutive period. During the year ended December 31, 2019, there were $6,500,000 of discretionary employer contributions made. As of December 31, 2019, discretionary employer contributions are included in employer contributions receivable in the accompanying statements of net assets available for benefits. In addition, the Company may make special contributions, which include the qualified non-elective contributions (QNEC). No QNEC was made during the year ended December 31, 2019. Contributions are subject to certain IRS limitations.

Participant accounts: Individual accounts are maintained for each Plan participant. Each participant's account is credited with the participant's contribution, their portion of the Employer's matching contribution and discretionary contribution (if any) and an allocation of Plan earnings and charged with withdrawals and an allocation of Plan losses and administrative expenses that are paid by the Plan. Allocations are based on participants' contributions or account balances, as defined in the Plan agreement. The benefit to which a participant is entitled is the vested benefit that can be provided from the participant's vested account.

Vesting: Participants are immediately vested in their contributions and any QNEC plus or minus actual earnings and losses thereon. Vesting in the Company's matching and discretionary contribution portion of their accounts plus or minus actual earnings and losses thereon is based on years of continuous service. The Plan provides for 20% vesting of a participant's account for each full year of credited service, as defined in the Plan agreement. Participants are 100% vested after five years of credited service. Regardless of years of service, participants become 100% vested in their accounts upon reaching normal retirement age, death, permanent disability or upon termination of the Plan.

Note 1. Plan Description (Continued)

Notes receivable from participants: Participants may borrow from their fund accounts a minimum of $1,000, up to the lesser of $50,000 or 50% of the participant's vested balance in the Plan. A participant may not have more than one note outstanding at any time. The notes, which are collateralized by the balance in the participant's account, bear interest at a fixed rate (prime plus 1%), which ranged from 4.25% to 9.25% as of December 31, 2019, and mature through November 2034. Principal and interest are repaid ratably through payroll deductions. All notes are repaid within a period of five years, except notes for the participant's principal residence, which must be repaid in a reasonable period of time, not to exceed 15 years.

Payment of benefits: On termination of service due to death, disability or reaches retirement age, a participant may elect to receive either a lump-sum amount equal to the value of the participant's vested interest in his or her account or receive regular installments over a set number of years, if such vested interest is greater than $5,000. The normal retirement age, as defined by the Plan, is age 65. For anyone hired after December 2009, the normal retirement ages, as defined by the Plan is the later of age 65 or the fifth anniversary of participation. If a participant terminates before retirement and has a vested account balance in excess of $5,000, they may elect a lump-sum payment or annual installments over a set number of years. Vested account balances less than $5,000 will be distributed as a lump-sum as soon as administratively practicable.

Participants may request hardship withdrawals of elective deferrals, rollover contributions and vested employer contributions under certain circumstances, as defined in the Plan document. Participants may request in-service withdrawal of deferrals or rollovers at age 59½ and in-service withdrawal of the Company's match at 59½ and 15 years of service. In addition, participants and surviving spouses may convert some or all of their distributions of vested account balances to a designated Roth account within the Plan.

Forfeited accounts: Forfeitures of participants' non-vested account balances are to be used to reduce future Company contributions or pay Plan expenses. As of December 31, 2019 and 2018, forfeited non-vested accounts totaled $62,925 and $31,846, respectively, and forfeitures used to reduce employer contributions of the Plan totaled $191,286 for the year ended December 31, 2019.

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 financial statements in conformity with accounting principles generally accepted in the United States of America (U.S. GAAP) requires the Plan's management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein. Actual results could differ from those estimates.

Investment valuation and income recognition: Investments are reported at fair value (except for fully benefit-responsive investment contracts, which are reported at contract value). Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Company's Board of Directors determines the Plan's valuation policies utilizing information provided by the investment trustee and custodian. See Note 4 for discussion of fair value measurements.

Note 2. Summary of Significant Accounting Policies (Continued)

Investments held by a defined-contribution plan are required to be reported at fair value, except for fully benefit-responsive investment contracts. Contract value is the relevant measurement for that portion of the net assets available for benefits attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis as earned. Net depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Investment securities are exposed to various risks, such as interest rate, market and credit risk. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near-term, and such changes could materially affect participant account balances and the amounts reported in the statements of net assets available for benefits. The guaranteed investment account with Massachusetts Mutual Life Insurance Company (MassMutual) represented 21% and 24% of the Plan's net assets as of December 31, 2019 and 2018, respectively. As such, this investment is considered a concentration of credit risk.

Notes receivable from participants: Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Related fees are recorded as administrative expenses and expensed when they are incurred. If a participant ceases to make note repayments and the Plan Administrator deems the participant note to be in default, the participant note balance is reduced and a benefit payment is recorded. No allowance for credit losses has been recorded as of December 31, 2019 and 2018.

Excess contributions payable: Participant contributions in excess of amounts allowed by the IRS are recorded as a liability with a corresponding reduction in contributions.

Payment of benefits: Benefits are recorded when paid.

Expenses: Certain administrative expenses of maintaining the Plan are paid directly by the Company and are excluded from the accompanying financial statements. Administrative expenses reflected in the financial statements include fees related to the administration of notes receivable that are charged directly to the participant's account and certain recordkeeping fees paid by the Plan (as provided for in the Plan agreement). Investment related expenses are included in net appreciation of fair value of investments.

Adoption of accounting pronouncement: In August 2018, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) No. 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework – Changes to Disclosure Requirements for Fair Value Measurement*. The amendments in this ASU modify the disclosure requirements on fair value measurements in Topic 820, *Fair Value Measurement*, based on the concepts in the FASB Concepts Statement, including the consideration of costs and benefits.

The following disclosure requirements were removed from Topic 820:

1. The amount of and reasons for transfers between Level 1 and Level 2 of the fair value hierarchy.
2. The policy for timing of transfers between levels.
3. The valuation processes for Level 3 fair value measurements.
4. For nonpublic entities, the changes in unrealized gains and losses for the period included in earnings for recurring Level 3 fair value measurements held at the end of the reporting period.

Note 2. Summary of Significant Accounting Policies (Continued)

The following disclosure requirements were modified in Topic 820:

1. In lieu of a roll forward for Level 3 fair value measurements, a nonpublic entity is required to disclose transfers into and out of Level 3 of the fair value hierarchy and purchases and issues of Level 3 assets and liabilities.
2. For investments in certain entities that calculate net asset value, an entity is required to disclose the timing of liquidation of an investee's assets and the date when restrictions from redemption might lapse only if the investee has communicated the timing to the entity or announced the timing publicly.
3. The amendments clarify that the measurement uncertainty disclosure is to communicate information about the uncertainty in measurement as of the reporting date.

The amendments in this ASU are effective for all entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. The entity is permitted to early adopt any removed or modified disclosures upon issuance of this ASU and delay adoption of the additional disclosures until their effective date. The Plan adopted this ASU for the removal, modification or addition of certain fair value measurement disclosures presented in the financial statements.

Subsequent events: The Plan Administrator has evaluated subsequent events (events occurring after December 31, 2019) through October 14, 2020, which is the date these financial statements were available to be issued.

On January 30, 2020, the World Health Organization declared the coronavirus outbreak (COVID-19) a "Public Health Emergency of International Concern" and on March 11, 2020, the World Health Organization declared the coronavirus outbreak a "Global Pandemic." This has resulted in substantial volatility in financial markets and has had a significant adverse impact on investment portfolios. As a result, the Plans investments have experienced significant adverse fluctuations in fair value since December 31, 2019. However, because the values of the Plans individual investments have and will fluctuate in response to changing market conditions, the amount of losses that will be recognized in subsequent periods, if any, cannot be determined. The full impact of the COVID-19 outbreak continues to evolve as of the date of this report; therefore, the extent of any impact to the Plans participants cannot be predicted at this time.

In March 2020, the Coronavirus Aid, Relief, and Economic Security Act (the CARES Act) was enacted. Among other provisions, the CARES Act provides temporary options for Plan participants with respect to certain Plan distributions and loans. Plan management has adopted and implemented certain provisions of the CARES Act and expects to make related Plan amendments by the relevant deadline.

Note 3. Investment Information Certified or Provided by Reliance Trust Company (Trustee) and MassMutual (Custodian)

The following is a summary of the Plan's asset information as of December 31, 2019 and 2018, and for the year ended December 31, 2019, included in the Plan's financial statements and supplemental schedule, that was prepared by or derived from information provided by from Reliance Trust Company (Reliance) the trustee under the Plan and MassMutual, the custodian of the Guaranteed Investment Account, and furnished to the Plan Administrator. The Plan Administrator has obtained certifications from the trustee and custodian that information provided to the Plan Administrator by the trustee and custodian related to the following assets and asset activity is complete and accurate to the best of their knowledge and belief and complete and accurate, respectively. Accordingly, as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA, the Plan Administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to the information that appears throughout the financial statements and supplemental schedule related to the following assets:

	2019	2018
Investments at fair value:		
Registered investment companies	$ 17,325,990	$ 15,754,857
Pooled separate accounts	159,405,117	121,751,441
	$ 176,731,107	$ 137,506,298
Investments at contract value:		
Guaranteed investment account	$ 50,881,796	$ 47,032,384
Notes receivable from participants	$ 6,099,513	$ 5,397,055

The trustee and custodian also certified to the completeness and accuracy of $34,409,128 of net appreciation in fair value of investments and $1,785,345 of interest income related to the aforementioned plan assets for the year ended December 31, 2019.

Note 4. Fair Value Measurements

The framework for measuring fair value provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

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

Level 2: Inputs to the valuation methodology include:

- Quoted prices for similar assets or liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in inactive markets
- Inputs other than quoted prices that are observable for the asset or liability
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means

If the asset or liability has a specified (contractual) term, the Level 2 input must be observable for substantially the full term of the asset or liability.

Note 4. Fair Value Measurements (Continued)

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

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the best level of input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimizes the use of unobservable inputs.

Following is a description of the valuation methodology used for assets measured at fair value. There have been no changes in the methodology used at December 31, 2019 and 2018.

Registered investment companies (mutual funds): Valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-ended mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Pooled separate accounts: Valued at NAV of shares in each account held by the Plan at year-end. The NAV is not a publicly-quoted price in an active market. The NAV, as provided by the insurance carrier, is used as the practical expedient to estimating fair value.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2019 and 2018:

	Assets at Fair Value as of December 31, 2019			
Description	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 17,325,990	$ -	$ -	$ 17,325,990
Investments measured at NAV (a)				159,405,117
Investments at fair value				$ 176,731,107

	Assets at Fair Value as of December 31, 2018			
Description	Level 1	Level 2	Level 3	Total
Registered investment companies	$ 15,754,857	$ -	$ -	$ 15,754,857
Investments measured at NAV (a)				121,751,441
Investments at fair value				$ 137,506,298

(a) In accordance with Fair Value Measurements topic, certain investments that were measured at NAV per share (or its equivalent) as a practical expedient have not been classified in the fair value hierarchy. The fair value amounts presented in this table are intended to permit reconciliation of the fair value hierarchy to the line items presented in the statements of net assets available for benefits.

To assess the appropriate classification of investments within the fair value hierarchy, the availability of market data is monitored. Changes in economic conditions or valuation techniques may require the transfer of investments from one fair value level to another. The Plan evaluates the significance of transfers between levels based upon the nature of the investment and size of the transfer relative to total net assets available for benefits.

Note 4. Fair Value Measurements (Continued)

The following table summarizes investments for which fair value is estimated using NAV per share (or its equivalent) as a practical expedient as of December 31, 2019 and 2018:

	Fair Value December 31		Unfunded	Redemption	Redemption	Redemption
	2019	2018	Commitment	Frequency	Restrictions	Notice Period
Pooled separate accounts:						
Lifecycle funds (a)	$ 83,918,788	$ 62,326,774	None	Daily	None	None
Growth funds (b)	21,057,441	16,659,183	None	Daily	None	None
Large cap funds (c)	16,807,027	13,218,849	None	Daily	None	None
International funds (d)	13,980,214	11,174,626	None	Daily	None	None
Mid cap funds (e)	12,303,031	9,619,304	None	Daily	None	None
Small cap funds (f)	6,601,038	5,194,770	None	Daily	None	None
Bond funds (g)	4,737,446	3,556,767	None	Daily	None	None
Money Market funds (h)	132	1,168	None	Daily	None	None
	$ 159,405,117	$ 121,751,441				

(a) This category invests in a broadly diversified portfolio that incrementally adjusts its underlying asset mix over time, decreasing exposure to stocks and increasing exposure to bonds as each fund's target retirement date approaches.

(b) The investment objective of the funds in this category seek a long term capital appreciation and growth through investments in small-sized growth companies, equity securities, and common stock of large and medium sized companies.

(c) The investment objective of the funds in this category have portfolios that are fairly representative of the overall stock market in size, growth, rates and price and tend to invest across the spectrum of U.S. industries. Selected funds within this category focus on companies in rapidly expanding industries and often feature investments in energy, financial or manufacturing sectors.

(d) The investment objective of the funds in this category invest primarily in stocks outside of the United States and will typically have less than 20% of assets invested in U.S. stocks.

(e) The investment objective of the funds in this category invest in stocks of various sizes and mixed characteristics. Selected funds within this category invest in funds that are projected to grow faster than other mid cap stocks, such as those in the technology, healthcare and services sectors.

(f) The investment objective of the funds in this category primarily invest in companies at the smaller end of the market-capitalization range and tend to own an array of value and growth stocks. Selected funds within this category tend to favor companies in up-and-coming industries or young firms in their early growth stages and invest in funds in the technology, healthcare and services sectors.

(g) The investment objective of the funds in this category is to invest mainly in U.S. government bonds, foreign government bonds and domestic corporate bonds that have average durations greater than 3.5 years and less than six years.

(h) This category includes investments in high quality, short-term securities. Investments in this category can be redeemed immediately at the current NAV per share.

Note 5. Fully Benefit-Responsive Investment Contract

The Plan has a guaranteed investment account with MassMutual, which, as described in Note 2, has been determined to be fully benefit-responsive. The guaranteed investment account is provided through a group annuity contract. Under the terms of the group annuity contract, a crediting rate is established for amounts invested in the guaranteed investment account and participants may direct permitted withdrawal and/or transfer transactions of all or a portion of their account balance at contract value. Contract value represents contributions plus credited interest less participant withdrawals and fees. Because the trust fund is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits to the fund. Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value. The principal is guaranteed as long as the contract is in force.

The Plan's ability to receive amounts due in accordance with fully benefit-responsive investment contracts is dependent on the third-party issuer's ability to meet its financial obligations. The issuer's ability to meet its contractual obligations may be affected by future economic and regulatory developments.

The crediting interest rate is based on a formula agreed upon with the issuer and guaranteed not to be less than 3%. However, the average yield earned by the Plan and credited to participants may differ from the guaranteed rate due to interest being credited based on contract values, the timing of cash flows and the process by which rates may be reset during the plan year and simplified assumptions used in the calculation of the average yield credited to participants. Such interest rates are reviewed on a quarterly basis for resetting. The contract cannot be terminated before the scheduled maturity date.

Certain events may limit the ability of the Plan to transact at contract value. Such events include, but may not be limited to, the following (1) removal from the Plan of one or more groups or classifications of participants; (2) Plan termination or merger; (3) Plan disqualification; (4) premature termination of the contract; or (5) changes in the Plan prohibition on competing investment options . The Plan Administrator does not believe that any events which would limit the Plan's ability to transact at contract value with participants are probable of occurring.

In addition, certain events allow the issuer to fully or partially terminate the contract with the Plan and settle at an amount different from the contract value. Those events may be different under each contract. Examples of such events include, but may not be limited to the following (1) an uncured violation of the Plan's investment guidelines; (2) a breach of material obligation under the contract; or (3) a termination or partial plan termination of the Plan.

Note 6. Plan Termination

Although the Company has not expressed any intent 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 the event of Plan termination, participants will become 100% vested in their employer contributions.

Note 7. Related Party and Party-in-Interest Transactions

MassMutual is the custodian and record keeper of the Plan; therefore, transactions with the custodian and record keeper qualify as party-in-interest transactions. Fees paid by the Plan to MassMutual for the above mentioned services amounted to $87,620 for the year ended December 31, 2019. Certain administrative expenses of the Plan are paid by the Company, and personnel and facilities of the Company have been used by the Plan at no additional charge to the Plan.

Note 8. Tax Status

Effective June 1, 2015, the Plan adopted a volume submitter plan sponsored by MassMutual. The volume submitter plan provider received an advisory letter from the IRS as to the volume submitter's plan's qualified status. The volume submitter advisory letter has been relied upon by the Plan. The Plan Administrator believes the Plan is designed and is being operated in compliance with the applicable provisions of the IRC.

U.S. GAAP requires Plan management to evaluate tax positions taken by the Plan, and recognize a tax liability (or asset) if the Plan has taken any significant uncertain tax positions that more likely than not would not be sustained upon examination. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

Note 9. Reconciliation of Financial Statements to Form 5500

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

	December 31	
	2019	2018
Net assets available for benefits per the financial statements	$ 240,212,416	$ 194,962,649
Employer contributions receivable	(6,500,000)	(5,026,912)
Net assets per the Form 5500	$ 233,712,416	$ 189,935,737

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

	Year Ended December 31, 2019
Net increase in net assets available for benefits per the financial statements	$ 45,249,767
Change in employer contributions receivable	(1,473,088)
Net income per the Form 5500	$ 43,776,679

RPC, Inc. Retirement Savings Plan

Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2019

Employer Identification Number: 59-2707333
Plan Number: 003

(a)	(b) Identity of Issue, Borrower, Lessor, or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par, Maturity Value	(d) Cost**	(e) Current Value
*	MassMutual	MassMutual Guaranteed Investment Account		$ 50,881,796
		Registered investment companies:		
	OFI	Premier Strategic Income Fund		3,474,719
	Babson Capital	Premier Diversified Bond Fund		3,452,355
	Wellington	Select Fundamental Value Fund		2,254,024
	T. Rowe Price	Select Blue Chip Growth Fund		2,079,752
	MFS/Harris	Select Overseas Fund		1,737,930
	JP Morgan	Mid Cap Value Fund		1,391,119
	T. Rowe Price	Mid Cap Growth II Fund		1,210,159
	Clover/T.Rowe/Earnest	Small Company Value Fund		864,900
	W&R/Wellington	Small Cap Growth Fund		861,032
				17,325,990
		Pooled separate accounts of MassMutual:		
*	MassMutual	T. Rowe Price Ret 2030 Fund		28,917,137
*	MassMutual	T. Rowe Price Ret 2050 Fund		22,071,003
*	MassMutual	T. Rowe Price Ret 2040 Fund		20,215,763
*	MassMutual	T. Rowe Price Ret 2020 Fund		8,434,532
*	MassMutual	Growth Opportunities Fund		7,636,384
*	MassMutual	Blue Chip Growth Fund		6,311,494
*	MassMutual	Diversified Value Fund		5,808,460
*	MassMutual	S&P 500 Index Fund		5,802,638
*	MassMutual	Mid Cap Growth Fund		5,653,984
*	MassMutual	Oppenheimer Global Opportunities Fund		5,454,113
*	MassMutual	Select T. Rowe Price Ret 2010 Fund		4,280,353
*	MassMutual	Premier Global Fund		4,223,410
*	MassMutual	JPMorgan Mid Cap Value Fund		4,057,330
*	MassMutual	Baron Growth Fund		3,921,454
*	MassMutual	Fundamental Value Fund		3,635,058
*	MassMutual	Premier Diversified Bond Fund		3,241,607
*	MassMutual	Select Small Cap Growth Equity Fund		3,233,377
*	MassMutual	T. Rowe Spectrum Growth Fund		3,188,109
*	MassMutual	Northern Mid Cap Index Fund		2,591,717
*	MassMutual	Small Company Value Fund		1,879,325
*	MassMutual	Northern Bond Index Fund		1,495,839
*	MassMutual	Northern Small Cap Index Fund		1,488,336
*	MassMutual	Overseas Fund		1,249,658
*	MassMutual	Northern International Equity Index Fund		1,183,828
*	MassMutual	American Funds Euro Pacific Growth Fund		1,019,473
*	MassMutual	T. Rowe Price Ret Balance Fund		860,623
*	MassMutual	Oppenheimer Global Strategic Income Fund		849,732
*	MassMutual	Premier Inflation-Protected & Income Fund		700,248
*	MassMutual	Premier U.S. Government Money Market Fund		132
				159,405,117
*	Participants	Notes receivable from participants:		
		4.25% – 9.25%; maturing through 2034		6,099,513
				$ 233,712,416

* Indicates a party-in-interest as defined by ERISA.
** Cost information is not required for participant directed investments.

The above information has been certified by Reliance Trust Company, the trustee, to be complete and accurate to the best of their knowledge and belief and Massachusetts Mutual Life Insurance Company, the custodian, to be complete and accurate.

A Name of Plan	B Three-digit plan Number
RPC, Inc. Retirement Savings Plan	003
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
RPC, Inc.	592707333

Schedule H, line 4i - Schedule of Assets (Held At End of Year)

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest,collateral, par, or maturity value	(d) Cost	(e) Current Value
*	MassMutual	Guaranteed Interest Account	50,881,796	50,881,796
*	MassMutual	Holding Account - SIA-YG	0	132
*	MassMutual	SIA-BT	660,293	860,623
*	MassMutual	SIA-FT	3,099,089	4,280,353
*	MassMutual	SIA-LT	6,653,081	8,434,532
*	MassMutual	SIA-MK	3,566,603	5,808,460
*	MassMutual	SIA-ND	2,470,912	4,223,410
*	MassMutual	SIA-NH	3,752,679	5,454,113
*	MassMutual	SIA-OT	17,225,683	22,071,003
*	MassMutual	SIA-P	2,814,919	3,241,607
*	MassMutual	SIA-PF	2,934,917	4,057,330
*	MassMutual	SIA-PT	20,452,770	28,917,137
*	MassMutual	SIA-QA	1,015,383	1,183,828
*	MassMutual	SIA-QI	2,054,161	2,591,717
*	MassMutual	SIA-QT	14,900,166	20,215,763
*	MassMutual	SIA-QV	1,197,214	1,488,336
*	MassMutual	SIA-QW	1,405,723	1,495,839
*	MassMutual	SIA-SC	2,449,585	3,233,377
*	MassMutual	SIA-SD	5,338,898	7,636,384
*	MassMutual	SIA-SH	1,024,949	1,249,658
*	MassMutual	SIA-SK	2,354,913	3,635,058
*	MassMutual	SIA-SY	1,343,115	1,879,325
*	MassMutual	SIA-T8	732,984	849,732
*	MassMutual	SIA-VB	774,030	1,019,473
*	MassMutual	SIA-WA	4,496,450	6,311,494
*	MassMutual	SIA-WF	3,810,529	5,653,984
*	MassMutual	SIA-WH	2,163,026	3,188,109
*	MassMutual	SIA-WY	2,460,345	3,921,454
*	MassMutual	SIA-X	3,989,537	5,802,638
*	MassMutual	SIA-Y6	659,599	700,248
*		Outside Fund	8,819,346	17,325,990
*	Mid Cap Value (JP Morgan)	Outside Fund	0	1,391,119
*	Select Overseas (MFS/Harris)	Outside Fund	0	1,737,930
*	Premier Strategic Income (OFI)	Outside Fund	0	3,474,719
*	Select Sm Cap Gr (W&R/Wellington)	Outside Fund	0	859,447
*	Premier Diversified Bond (Babson)	Outside Fund	0	3,452,355
*	Sel Sm Co Val(Clover/TRowe/EARNEST)	Outside Fund	0	864,900
*	Select Mid Cap Gr II (T.Rowe Price)	Outside Fund	0	1,210,159
*	Sel Blue Chip Growth (T.Rowe Price)	Outside Fund	0	2,079,752
*	Select Fundamental Val (Wellington)	Outside Fund	0	2,254,024
*	Outside Fund - Miscellaneous	Outside Fund	0	1,586
	Participant Loans	4.250000 - 9.250000	0	6,099,513

Massachusetts Mutual Life Insurance Company (MassMutual®), 1295 State Street, Springfield, Massachusetts 01111-0001.
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A Name of Plan	B Three-digit plan Number
RPC, Inc. Retirement Savings Plan	003
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
RPC, Inc.	592707333

Schedule C Formula Description and/or EIC Statement Description

Service Provider Name	Service Provider EIN	Service Provider Address	Formula / EIC Statement
American Funds	951411037		American Funds received estimated Investment Management Fees of 0.41% with respect to plan assets held in the EuroPacific Growth (American) separate account (SIA-VB).
Baron	136891420		Baron received estimated Investment Management Fees of 1.00% with respect to plan assets held in the Growth (Baron) separate account (SIA-WY).
FranklinTempleton	592745039		Franklin Templeton received estimated Investment Management Fees of 0.69% with respect to plan assets held in the Growth (Franklin Templeton) separate account (SIA-WU).
Invesco	931036175		Invesco received estimated Investment Management Fees of 0.66% with respect to plan assets held in the Global Opps (Invesco Oppenheimer) separate account (SIA-NH).
Invesco	841120195		Invesco received estimated Investment Management Fees of 0.57% with respect to plan assets held in the Global Strategic Inc (Invesco Opp) separate account (SIA-O8).
Invesco	841120195		Invesco received estimated Investment Management Fees of 0.57% with respect to plan assets held in the Global Strategic Inc (Invesco Opp) separate account (SIA-T8).
Invesco	136977079		Invesco received estimated Investment Management Fees of 0.72% with respect to plan assets held in the Mid Cap Value (Invesco Oppenheimer) separate account (SIA-C4).
Invesco	841120195		Invesco received estimated Investment Management Fees of 0.57% with respect to plan assets held in the Global Strategic Inc (Invesco Opp) separate account (SIA-T8) which is a component of RPC Profit Sharing Fund (OF 3365).
JP Morgan	133963293		JP Morgan received estimated Investment Management Fees of 0.66% with respect to plan assets held in the Mid Cap Value (JP Morgan) separate account (SIA-PF).
JP Morgan	133963293		JP Morgan received estimated Investment Management Fees of 0.66% with respect to plan assets held in the Mid Cap Value (JP Morgan) separate account (SIA-PF) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the Plan with the required written disclosure for float revenue received by MassMutual.
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the Growth (Baron) separate account (SIA-WY).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated Sub-TA Fees of 0.15% with respect to plan assets held in the Growth (Baron) separate account (SIA-WY).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated Sub-TA Fees of 0.06% with respect to plan assets held in the Bond Index (Northern) separate account (SIA-QW).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated 12b-1 Fees of 0.50% with respect to plan assets held in the Mid Cap Value (JP Morgan) separate account (SIA-PF).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated Sub-TA Fees of 0.06% with respect to plan assets held in the Mid Cap Index (Northern) separate account (SIA-QI).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated Sub-TA Fees of 0.25% with respect to plan assets held in the Mid Cap Value (JP Morgan) separate account (SIA-PF).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the Growth (Franklin Templeton) separate account (SIA-WU).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated Sub-TA Fees of 0.06% with respect to plan assets held in the Small Cap Index (Northern) separate account (SIA-QV).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the MM Sel T. Rowe Price Ret Bal separate account (SIA-BT).
Massachusetts Mutual Life Insurance	041590850		MassMutual received estimated Sub-TA Fees of 0.25% with respect to plan assets held in

Massachusetts Mutual Life Insurance Company (MassMutual), 1295 State Street, Springfield, Massachusetts 01111-0001.

Company		the Growth (Franklin Templeton) separate account (SIA-WU).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2010 separate account (SIA-FT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2020 separate account (SIA-LT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2030 separate account (SIA-PT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2040 separate account (SIA-QT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2050 separate account (SIA-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the Premier Sm Cap Opps (Invesco) separate account (SIA-NM).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.50% with respect to plan assets held in the EuroPacific Growth (American) separate account (SIA-VB).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.06% with respect to plan assets held in the Intl Equity Index (Northern) separate account (SIA-QA).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.15% with respect to plan assets held in the EuroPacific Growth (American) separate account (SIA-VB).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.15% with respect to plan assets held in the Spectrum Growth (T. Rowe Price) separate account (SIA-WH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Premier Global (Invesco) separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.30% with respect to plan assets held in the Global Opps (Invesco Oppenheimer) separate account (SIA-NH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the Mid Cap Value (Invesco Oppenheimer) separate account (SIA-C4).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.25% with respect to plan assets held in the Premier Disciplined Gr II (Barings) separate account (SIA-OC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.30% with respect to plan assets held in the Global Strategic Inc (Invesco Opp) separate account (SIA-O8).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.30% with respect to plan assets held in the Global Strategic Inc (Invesco Opp) separate account (SIA-T8).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Premier Core Bond (Barings) separate account (SIA-LE).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.30% with respect to plan assets held in the Mid Cap Value (Invesco Oppenheimer) separate account (SIA-C4).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the MM Sel T. Rowe Price Ret Bal separate account (SIA-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select Overseas (MFS Harris) separate account (SIA-SH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Select Overseas (MFS Harris) separate account (SIA-LH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2010 separate account (SIA-FT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2020 separate account (SIA-LT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2030 separate account (SIA-PT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2040 separate account (SIA-QT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2050 separate account (SIA-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Premier Sm Cap Opps (Invesco) separate account (SIA-NM).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select TRP LS Blue Chip Growth separate account (SIA-WA).

Massachusetts Mutual Life Insurance Company (MassMutual), 1295 State Street, Springfield, Massachusetts 01111-0001.

Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Select TRP LS Blue Chip Growth separate account (SIA-W1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Sel Dvrsfd Val (Brandywine TRP) separate account (SIA-MK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Sel Dvrsfd Val II (Brndywn TRP) separate account (SIA-LJ).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.75% with respect to plan assets held in the Premier Global (Invesco) separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Sel Gr Opportunities (Sands JSP) separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select Mid Cap Gr (TRP Frontier) separate account (SIA-WF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select Sm Cp Gr (Wellington Inv) separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.25% with respect to plan assets held in the MM S&P 500 Index (Northern Trust) separate account (SIA-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Sel Gr Opportunities (Sands JSP) separate account (SIA-LD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Select Mid Cap Gr (TRP Frontier) separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Select Sm Cp Gr (Wellington Inv) separate account (SIA-LC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Premier Diversified Bond (Barings) separate account (SIA-P).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the MM S&P 500 Index (Northern Trust) separate account (SIA-YX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Select TRP LS Blue Chip Growth II separate account (SIA-LL).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Sel Small Co Value (AB Am Century) separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Prem Short-Duration Bond (Barings) separate account (SIA-LF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-LK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Sel Small Co Value (AB Am Century) separate account (SIA-LY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.38% with respect to plan assets held in the Premier Core Bond (Barings) separate account (SIA-LE).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.10% with respect to plan assets held in the Prem U.S. Govt Money Mrkt (Barings) separate account (SIA-YG).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Prem Inflat-Prot and Incm (Barings) separate account (SIA-Y6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Premier Disciplined Gr II (Barings) separate account (SIA-NC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Premier Disciplined Gr II (Barings) separate account (SIA-OC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.35% with respect to plan assets held in the Select Equity Opps (Wellington TRP) separate account (SIA-LV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.34% with respect to plan assets held in the MM Sel T. Rowe Price Ret Bal separate account (SIA-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.80% with respect to plan assets held in the Select Overseas (MFS Harris) separate account (SIA-LH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.80% with respect to plan assets held in the Select Overseas (MFS Harris) separate account (SIA-SH).
Massachusetts Mutual Life Insurance	041590850	MassMutual received estimated Investment Management Fees of 0.37% with respect to

Company		plan assets held in the MM Sel T. Rowe Price Ret 2010 separate account (SIA-FT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.43% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2020 separate account (SIA-LT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.50% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2030 separate account (SIA-PT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.54% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2040 separate account (SIA-QT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.56% with respect to plan assets held in the MM Sel T. Rowe Price Ret 2050 separate account (SIA-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.58% with respect to plan assets held in the Premier Sm Cap Opps (Invesco) separate account (SIA-NM).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.61% with respect to plan assets held in the Select TRP LS Blue Chip Growth separate account (SIA-W1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.61% with respect to plan assets held in the Select TRP LS Blue Chip Growth separate account (SIA-WA).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.50% with respect to plan assets held in the Sel Dvrsfd Val (Brandywine TRP) separate account (SIA-MK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.50% with respect to plan assets held in the Sel Dvrsfd Val II (Brndywn TRP) separate account (SIA-LJ).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.09% with respect to plan assets held in the MM S&P 500 Index (Northern Trust) separate account (SIA-X).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.68% with respect to plan assets held in the Select Mid Cap Gr (TRP Frontier) separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.68% with respect to plan assets held in the Select Mid Cap Gr (TRP Frontier) separate account (SIA-WF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.71% with respect to plan assets held in the Sel Gr Opportunities (Sands JSP) separate account (SIA-LD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.71% with respect to plan assets held in the Sel Gr Opportunities (Sands JSP) separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.80% with respect to plan assets held in the Select Sm Cp Gr (Wellington Inv) separate account (SIA-LC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.80% with respect to plan assets held in the Select Sm Cp Gr (Wellington Inv) separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.09% with respect to plan assets held in the MM S&P 500 Index (Northern Trust) separate account (SIA-YX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.37% with respect to plan assets held in the Premier Diversified Bond (Barings) separate account (SIA-P).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.61% with respect to plan assets held in the Select TRP LS Blue Chip Growth II separate account (SIA-LL).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.34% with respect to plan assets held in the Prem Short-Duration Bond (Barings) separate account (SIA-LF).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.60% with respect to plan assets held in the Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-LK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.60% with respect to plan assets held in the Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.85% with respect to plan assets held in the Sel Small Co Value (AB Am Century) separate account (SIA-LY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.85% with respect to plan assets held in the Sel Small Co Value (AB Am Century) separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.35% with respect to plan assets held in the Prem U.S. Govt Money Mrkt (Barings) separate account (SIA-YG).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.38% with respect to plan assets held in the Prem Inflat-Prot and Incm (Barings) separate account (SIA-Y6).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.45% with respect to plan assets held in the Premier Disciplined Gr II (Barings) separate account (SIA-NC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.45% with respect to plan assets held in the Premier Disciplined Gr II (Barings) separate account (SIA-OC).

Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.69% with respect to plan assets held in the Select Equity Opps (Wellington TRP) separate account (SIA-LV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Premier Global (Invesco) separate account (SIA-ND).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to MM Sel T. Rowe Price Ret Bal separate account (SIA-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Overseas (MFS Harris) separate account (SIA-LH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Overseas (MFS Harris) separate account (SIA-SH).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to MM Sel T. Rowe Price Ret 2010 separate account (SIA-FT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to MM Sel T. Rowe Price Ret 2020 separate account (SIA-LT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to MM Sel T. Rowe Price Ret 2030 separate account (SIA-PT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to MM Sel T. Rowe Price Ret 2040 separate account (SIA-QT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to MM Sel T. Rowe Price Ret 2050 separate account (SIA-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Premier Sm Cap Opps (Invesco) separate account (SIA-NM).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select TRP LS Blue Chip Growth separate account (SIA-W1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select TRP LS Blue Chip Growth separate account (SIA-WA).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Dvrsfd Val (Brandywine TRP) separate account (SIA-MK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Dvrsfd Val II (Brndywn TRP) separate account (SIA-LJ).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Gr Opportunities (Sands JSP) separate account (SIA-LD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Gr Opportunities (Sands JSP) separate account (SIA-SD).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Mid Cap Gr (TRP Frontier) separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Mid Cap Gr (TRP Frontier) separate account (SIA-WF).
Massachusetts Mutual Life Insurance	041590850	MassMutual provided the plan with the required written disclosure for soft dollar

Company		compensation received by the subadviser with respect to Select Sm Cp Gr (Wellington Inv) separate account (SIA-LC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Sm Cp Gr (Wellington Inv) separate account (SIA-SC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select TRP LS Blue Chip Growth II separate account (SIA-LL).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-LK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-SK).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Small Co Value (AB Am Century) separate account (SIA-LY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Small Co Value (AB Am Century) separate account (SIA-SY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Equity Opps (Wellington TRP) separate account (SIA-LV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated 12b-1 Fees of 0.50% with respect to plan assets held in the Mid Cap Value (JP Morgan) separate account (SIA-PF) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.25% with respect to plan assets held in the Mid Cap Value (JP Morgan) separate account (SIA-PF) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of 0.30% with respect to plan assets held in the Global Strategic Inc (Invesco Opp) separate account (SIA-T8) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select Overseas (MFS Harris) separate account (SIA-SH) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select TRP LS Blue Chip Growth separate account (SIA-WA) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select Mid Cap Gr (TRP Frontier) separate account (SIA-WF) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Select Sm Cp Gr (Wellington Inv) separate account (SIA-SC) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Premier Diversified Bond (Barings) separate account (SIA-P) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-SK) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of 0.15% with respect to plan assets held in the Sel Small Co Value (AB Am Century) separate account (SIA-SY) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.80% with respect to plan assets held in the Select Overseas (MFS Harris) separate account (SIA-SH) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance	041590850	MassMutual received estimated Investment Management Fees of 0.61% with respect to

Company		
Massachusetts Mutual Life Insurance Company	041590850	plan assets held in the Select TRP LS Blue Chip Growth separate account (SIA-WA) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.68% with respect to plan assets held in the Select Mid Cap Gr (TRP Frontier) separate account (SIA-WF) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.80% with respect to plan assets held in the Select Sm Cp Gr (Wellington Inv) separate account (SIA-SC) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.37% with respect to plan assets held in the Premier Diversified Bond (Barings) separate account (SIA-P) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.60% with respect to plan assets held in the Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-SK) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Investment Management Fees of 0.85% with respect to plan assets held in the Sel Small Co Value (AB Am Century) separate account (SIA-SY) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	Millennium Trust Company, LLC paid MassMutual a one-time referral fee of: $40 for balances of $500 or greater, $10 for balances from $75 to less than $500, and $0 for balances below $75 for IRA rollovers processed before 4/1/19.
Massachusetts Mutual Life Insurance Company	041590850	Millennium Trust Company, LLC paid MassMutual a one-time referral fee of: $50 for balances of $10,000 or greater, $40 for balances $500 to $10,000, $20 for balances $100 to $500, $0 for balances below $100 for IRA rollovers processed 4/1/19 or later.
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Overseas (MFS Harris) separate account (SIA-SH) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select TRP LS Blue Chip Growth separate account (SIA-WA) which is a component of RPC Profit Sharing Fund (OF 3365).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Fundamental Val (BrwHnly BsPt) separate account (SIA-SK) which is a component of RPC Profit Sharing Fund (OF 336
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Sel Small Co Value (AB Am Century) separate account (SIA-SY) which is a component of RPC Profit Sharing Fund (OF 336
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Mid Cap Gr (TRP Frontier) separate account (SIA-WF) which is a component of RPC Profit Sharing Fund (OF 3365)
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to Select Sm Cp Gr (Wellington Inv) separate account (SIA-SC) which is a component of RPC Profit Sharing Fund (OF 3365)
Northern Funds	363608252	Northern Funds received estimated Investment Management Fees of 0.13% with respect to plan assets held in the Bond Index (Northern) separate account (SIA-QW).
Northern Funds	363608252	Northern Funds received estimated Investment Management Fees of 0.13% with respect to plan assets held in the Mid Cap Index (Northern) separate account (SIA-QI).
Northern Funds	363608252	Northern Funds received estimated Investment Management Fees of 0.13% with respect to plan assets held in the Small Cap Index (Northern) separate account (SIA-QV).
Northern Funds	363608252	Northern Funds received estimated Investment Management Fees of 0.18% with respect to plan assets held in the Intl Equity Index (Northern) separate account (SIA-QA).
T. Rowe Price	521151266	T. Rowe Price received estimated Investment Management Fees of 0.77% with respect to plan assets held in the Spectrum Growth (T. Rowe Price) separate account (SIA-WH).

MassMutual

Schedule C Soft Dollar Compensation
Eligible Indirect Compensation Statement

Mutual fund investments of the plan (whether direct or indirect through a separate investment account) may have soft dollar arrangements pursuant to which the investment advisor or sub-advisor to the mutual fund (and/or its affiliates) may direct trades to certain brokers in exchange for research and other services, other than just trade execution. For plans investing directly or indirectly in the MassMutual Premier or Select Funds, MassMutual provided the required written disclosure regarding soft dollar compensation on the Schedule C Formula Description and/or EIC Statement Description Attachment. For all other mutual funds, MassMutual provided the required written disclosure in the Statement of Additional Information ("SAI").

For additional information on soft dollar compensation, refer to the section of the mutual fund's SAI that discusses brokerage allocation and other practices.