

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). <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	OMB Nos. 1210-0110 1210-0089 <div style="text-align: center; font-size: 1.5em; font-weight: bold;">2019</div> This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2019 or fiscal plan year beginning <u>01/01/2019</u> and ending <u>12/31/2019</u>	
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 <u>UPMC 401(A) RETIREMENT SAVINGS PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>335</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>01/01/1996</u></td> </tr> <tr> <td colspan="2">2b Employer Identification Number (EIN) <u>25-1423657</u></td> </tr> <tr> <td colspan="2">2c Plan Sponsor's telephone number <u>412-864-4294</u></td> </tr> <tr> <td colspan="2">2d Business code (see instructions) <u>622000</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>335</u>	1c Effective date of plan <u>01/01/1996</u>		2b Employer Identification Number (EIN) <u>25-1423657</u>		2c Plan Sponsor's telephone number <u>412-864-4294</u>		2d Business code (see instructions) <u>622000</u>	
1b Three-digit plan number (PN) ▶	<u>335</u>										
1c Effective date of plan <u>01/01/1996</u>											
2b Employer Identification Number (EIN) <u>25-1423657</u>											
2c Plan Sponsor's telephone number <u>412-864-4294</u>											
2d Business code (see instructions) <u>622000</u>											
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) <u>UPMC</u> <u>USS TOWER, 56TH FL, 600 GRANT ST</u> <u>PITTSBURGH, PA 15219</u>											

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.	10/12/2020	PATRICIA STEPHENSON
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2019)
v. 190130

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number <div style="background-color: #cccccc; height: 40px; width: 100%;"></div>
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 85941
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	<div style="background-color: #cccccc; height: 20px; width: 100%;"></div> 6a(1) 85941 6a(2) 73351 6b 78 6c 8629 6d 82058 6e 219 6f 82277 6g 62401 6h 1136
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	7

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:

2E 2F 2G 2J 2K

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

9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

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

b General Schedules

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

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

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

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

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

11c Enter the Receipt Confirmation Code for the 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
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019	
A Name of plan UPMC 401(A) RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ▶ 335
C Plan sponsor's name as shown on line 2a of Form 5500 UPMC	D Employer Identification Number (EIN) 25-1423657

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

(a) Name of insurance carrier TIAA-CREF

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
13-1624203	69345	101709	2961	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
0	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).
(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

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

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

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

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

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

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

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

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

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

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

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

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

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

Part II Investment and Annuity Contract Information

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

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

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

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

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

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

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

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

b Balance at the end of the previous year.....	7b	18674289
c Additions: (1) Contributions deposited during the year	7c(1)	
(2) Dividends and credits	7c(2)	772199
(3) Interest credited during the year	7c(3)	
(4) Transferred from separate account.....	7c(4)	
(5) Other (specify below)	7c(5)	98201
▶ TRANSFERS		
(6) Total additions.....	7c(6)	870400
d Total of balance and additions (add lines 7b and 7c(6))	7d	19544689
e Deductions:		
(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	1031749
(2) Administration charge made by carrier	7e(2)	
(3) Transferred to separate account.....	7e(3)	
(4) Other (specify below)	7e(4)	
▶		
(5) Total deductions.....	7e(5)	1031749
f Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	18512940

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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110
		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 UPMC 401(A) RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	335
C Plan sponsor's name as shown on line 2a of Form 5500 UPMC	D Employer Identification Number (EIN) 25-1423657	

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

1 Information on Persons Receiving Only Eligible Indirect Compensation

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

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

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

TIAA

13-1624203

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

CREF

13-3586142

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

ALIGHT FINANCIAL SOLUTIONS, LLC

82-1061233

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

THE BANK OF NEW YORK MELLON

13-5160382

(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)

ALIGHT SOLUTIONS, LLC

82-1061233

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
15	RECORDKEEPER	1901228	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

ALIGHT FINANCIAL ADVISORS, LLC

82-1061233

(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?
26	PARTICIPANT ADVISORY	1588297	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

THE BANK OF NEW YORK MELLON

13-5160382

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
21	TRUSTEE	324491	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

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

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

D.B. ROOT COMPANY, LLC

82-1414976

(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?
17	CONSULTING	84645	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ERNST & YOUNG, LLP

34-6565596

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITING	75114	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

R. APPLGATE & ASSOCIATES, LLC

82-3071065

(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?
17	CONSULTING	26730	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

COZEN O'CONNOR

23-1732832

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
29	LEGAL	14358	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

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

Explanation:

SCHEDULE D (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2019 This Form is Open to Public Inspection.
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019

A Name of plan <u>UPMC 401(A) RETIREMENT SAVINGS PLAN</u>	B Three-digit plan number (PN) ►	<u>335</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>UPMC</u>	D Employer Identification Number (EIN) <u>25-1423657</u>	

Part I	Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)
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a Name of MTIA, CCT, PSA, or 103-12 IE: <u>TIAA REAL ESTATE</u>		
b Name of sponsor of entity listed in (a): <u>TIAA-CREF</u>		
c EIN-PN <u>13-1624203-004</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1218302</u>
a Name of MTIA, CCT, PSA, or 103-12 IE: <u>UPMC DEFINED CONTRIBUTION PL TRUST</u>		
b Name of sponsor of entity listed in (a): <u>UPMC</u>		
c EIN-PN <u>25-1423657-998</u>	d Entity code <u>M</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>2839516029</u>
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)
a Name of MTIA, CCT, PSA, or 103-12 IE:		
b Name of sponsor of entity listed in (a):		
c EIN-PN	d Entity code	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

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

SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	<small>OMB No. 1210-0110</small> 2019 This Form is Open to Public Inspection
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For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan UPMC 401(A) RETIREMENT SAVINGS PLAN	B Three-digit plan number (PN) ►	335
C Plan sponsor's name as shown on line 2a of Form 5500 UPMC	D Employer Identification Number (EIN) 25-1423657	

Part I	Asset and Liability Statement
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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)		720608
(2) Participant contributions.....	1b(2)		4131555
(3) Other.....	1b(3)	5342	5342
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)	19323685	20320332
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	1215395	1218302
(11) Value of interest in master trust investment accounts	1c(11)	2217697156	2839516029
(12) Value of interest in 103-12 investment entities.....	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)		
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	18674289	18512940
(15) Other.....	1c(15)	29938787	34919200

		(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	2286854654 2919344308
Liabilities			
g	Benefit claims payable	1g	
h	Operating payables	1h	
i	Acquisition indebtedness	1i	
j	Other liabilities	1j	42658 74619
k	Total liabilities (add all amounts in lines 1g through 1j)	1k	42658 74619
Net Assets			
l	Net assets (subtract line 1k from line 1f)	1l	2286811996 2919269689

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

		(a) Amount	(b) Total
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers	2a(1)(A)	99484219
	(B) Participants	2a(1)(B)	133905853
	(C) Others (including rollovers)	2a(1)(C)	14990033
(2)	Noncash contributions	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)	248380105
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)	1050964
	(F) Other	2b(1)(F)	237178
	(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)	1288142
(2)	Dividends: (A) Preferred stock	2b(2)(A)	
	(B) Common stock	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	
	(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)	0
(3)	Rents	2b(3)	
(4)	Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	
	(B) Aggregate carrying amount (see instructions)	2b(4)(B)	
	(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)	0
(5)	Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	
	(B) Other	2b(5)(B)	
	(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)	0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		65528
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		546169077
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		
c Other income	2c		7870242
d Total income. Add all income amounts in column (b) and enter total	2d		803773094

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	177309567	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		177309567
f Corrective distributions (see instructions)	2f		15536
g Certain deemed distributions of participant loans (see instructions)	2g		32839
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	89472	
(2) Contract administrator fees	2i(2)	3814016	
(3) Investment advisory and management fees	2i(3)	111375	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		4014863
j Total expenses. Add all expense amounts in column (b) and enter total	2j		181372805

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		622400289
l Transfers of assets:			
(1) To this plan	2l(1)		10057404
(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: ERNST & YOUNG, LLP

(2) EIN: 34-6565596

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

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

Part IV Compliance Questions

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

During the plan year:

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

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.)

	Yes	No	Amount
4a		X	
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?	X		5000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.			
4n			

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

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

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

5c 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.)

<div>SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation</div>	<div>Retirement Plan Information</div> <div>This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).</div> <div>▶ File as an attachment to Form 5500.</div>	<div>OMB No. 1210-0110</div> <div>2019</div> <div>This Form is Open to Public Inspection.</div>
For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan UPMC 401(A) RETIREMENT SAVINGS PLAN		B Three-digit plan number (PN) ▶ 335
C Plan sponsor's name as shown on line 2a of Form 5500 UPMC		D Employer Identification Number (EIN) 25-1423657
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
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): 25-1926855		
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 4521
Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)	
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month Day Year If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)		6a
b Enter the amount contributed by the employer to the plan for this plan year		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III	Amendments	
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.	
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ☐ Yes ☐ No		
11 a Does the ESOP hold any preferred stock? ☐ Yes ☐ No		
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ☐ Yes ☐ No		
12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ☐ Yes ☐ No		
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2019 v. 190130		

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

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****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

b The corresponding number for the second preceding plan year

15a**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

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

16a**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 _____

FINANCIAL STATEMENTS AND
SUPPLEMENTAL SCHEDULE

UPMC 401(a) Retirement Savings Plan
December 31, 2019 and 2018, and
Year Ended December 31, 2019
With Report of Independent Auditors

Ernst & Young LLP



UPMC 401(a) Retirement Savings Plan
Financial Statements and Supplemental Schedule

December 31, 2019 and 2018, and
Year Ended December 31, 2019

Contents

Report of Independent Auditors.....	1
Financial Statements	
Statements of Net Assets Available for Benefits.....	3
Statement of Changes in Net Assets Available for Benefits.....	4
Notes to Financial Statements.....	5
Supplemental Schedule	
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)	20

Report of Independent Auditors

The Plan Sponsor
UPMC 401(a) Retirement Savings Plan

We have audited the accompanying financial statements of the UPMC 401(a) Retirement Savings Plan, which comprise the statements of net assets available for benefits as of December 31, 2019 and 2018, and 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 conformity with U.S. generally accepted accounting principles; this includes the design, implementation and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

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

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the net assets available for benefits of the UPMC 401(a) Retirement Savings Plan at December 31, 2019 and 2018, and the changes in its net assets available for benefits for the year ended December 31, 2019, in conformity with U.S. generally accepted accounting principles.

Supplemental Schedule

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2019, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements as a whole.

Ernst & Young LLP

October 8, 2020

UPMC 401(a) Retirement Savings Plan

Statements of Net Assets Available for Benefits

	December 31	
	2019	2018
Assets		
Investments at fair value:		
Interest in Master Trust	\$ 2,839,516,029	\$ 2,217,697,156
Other investments	54,650,442	49,828,471
Total investments	2,894,166,471	2,267,525,627
Receivables:		
Employer contributions receivable	720,608	—
Employee contributions receivable	4,131,555	—
Notes receivable from participants	20,320,332	19,323,685
Other payable, net	(69,277)	(37,316)
Total receivables	25,103,218	19,286,369
Net assets available for benefits	\$ 2,919,269,689	\$ 2,286,811,996

See accompanying notes.

UPMC 401(a) Retirement Savings Plan

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2019

Additions

Investment income:

Net appreciation in fair value of investments	\$ 7,935,770
Net investment gain from Master Trust	546,169,077
Interest income from guaranteed annuity contract	237,178
Total investment income	<u>554,342,025</u>

Interest income on notes receivable from participants	1,050,964
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Contributions:

Employer contributions	99,484,219
Employee contributions	133,890,317
Rollovers	14,990,033
Total contributions	<u>248,364,569</u>

Total additions	803,757,558
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Deductions

Administrative expenses	4,014,864
Benefits paid to participants	177,342,405
Total deductions	<u>181,357,269</u>

Net increase	622,400,289
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Transfers:

Transfers from other qualified plans	10,057,404
--------------------------------------	------------

Net assets available for benefits at beginning of year	<u>2,286,811,996</u>
Net assets available for benefits at end of year	<u><u>\$ 2,919,269,689</u></u>

See accompanying notes.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements

December 31, 2019 and 2018

1. Description of the Plan

The primary purpose of the UPMC 401(a) Retirement Savings Plan (the Plan) is to accept matching contributions made by UPMC (the Employer) with respect to certain employees who have elected salary deferrals under the UPMC 403(b) Retirement Savings Plan or under the Plan. The Plan is a profit-sharing plan, intended to satisfy all of the requirements of Internal Revenue Code Section 401(a). The Plan also allows for elective employee pretax contributions under the Internal Revenue Code (the Code) Section 401(k), as well as after-tax deferrals, of participants' eligible compensation up to the Code's limitations.

The Plan is a contributory pension plan offered to a significant number of employees of UPMC and its subsidiary corporations and affiliates. Periodically, UPMC subsidiary corporations and/or affiliates adopt the Plan and, in certain circumstances, the assets of a plan sponsored by the subsidiary or affiliated corporation may also be transferred to the Plan.

This description of the Plan provides only general information. Participants should refer to the plan document and summary plan description for a more complete description of the Plan's provisions and the additional information about the vesting and benefit provisions.

Contributions

In addition to the employee contributions described above, the Plan provides for an employer matching contribution, upon eligibility, each pay period that is equal to 50% of the employee's contribution up to a maximum of 4% of eligible pay (Community Design) or 6% of eligible pay (Urban Design), depending on which design was adopted by the respective employer (Match Account).

Effective June 1, 2016, eligible employees are automatically enrolled into the Plan at a rate of 6% of the participant's compensation beginning with the payroll period that starts immediately following the 30 day anniversary of his or her hire date. These pre-tax deferrals are invested in the Plan's default investment, which is the qualified default investment alternative (QDIA) or age appropriate target date fund.

Participant Accounts

An individual account is maintained for each participating employee by the Plan's administrator/record-keeper, Alight. Each participant may elect to have his or her contributions and the employer matching contributions invested in any of the funds offered by the Plan in multiples of 1.0% or as flat dollar amounts.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

1. Description of the Plan (continued)

Vesting

A participant becomes fully vested in his or her Match Account upon and after his or her attainment of normal retirement age or in the event of death (while actively employed), permanent disability (while actively employed), or termination of employment for any reason prior to attainment of normal retirement age upon completion of three years of service. Distributions from the Match Account are permitted after the participant has vested and upon separation of service, or, if eligible and approved by the plan administrator for an in-service or hardship withdrawal. Participants are always fully vested in their pretax and after-tax contributions.

Forfeitures

Upon termination of employment, participants forfeit their nonvested balances. If a participant is rehired within a five-year period, the forfeited contributions are reinstated. At December 31, 2019 and 2018, there were no forfeited nonvested accounts. In 2019, employer contributions were reduced by \$1,894,065 from forfeited nonvested accounts.

Payment of Benefits

The benefit to which a participant is entitled is the vested balance in the participant's account.

Participant Loans

Participants may borrow from their fund accounts a minimum of \$1,000 up to a maximum of the lesser of \$50,000 or 50% of their vested account balance. Loan terms range from 6 months to 5 years, except for loans for the purchase of a primary residence, which must be repaid within 15 years. The loans are secured by the balance in the participant's account and bear interest at rates between 4.25% and 9.25% at December 31, 2019. Principal and interest are paid ratably through regular payroll deductions.

Plan Termination

Although it has not expressed any intent to do so, UPMC has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA). In the event of plan termination, participants will become 100% vested in their accounts.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

1. Description of the Plan (continued)

Plan Merger

The Susquehanna 401(k) Retirement Plan was merged into the Plan effective June 2019. Total net assets of \$2,989,803 transferred to the Plan and are reflected on the statement of changes in net assets available for benefits as a transfer from other qualified plans.

The Safe Harbor Behavioral Health 401(k) Retirement Plan was merged into the Plan effective November 2019. Total net assets of \$2,457,785 transferred to the Plan and are reflected on the statement of changes in net assets available for benefits as a transfer from other qualified plans.

The W.C.A. Services Corporation Savings and Profit Sharing Plan was merged into the Plan effective December 2018. Total net assets of \$2,308,068 transferred to the Plan and are reflected on the statement of changes in net assets available for benefits as a transfer from other qualified plans.

2. Significant Accounting Policies

Basis of Accounting

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

Payment of Benefits

Benefits are recorded when paid.

Notes Receivable From Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2019 or 2018. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

2. Significant Accounting Policies (continued)

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates that affect the amounts reported in the financial statements and accompanying notes and supplemental schedule. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

Investments held by the Plan are stated at fair value. Fair value is defined as 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 (exit price) (see Note 4).

The Plan's investments consist of an interest in the UPMC Defined Contribution Plan Trust (Master Trust) held by BNY Mellon Bank, N.A. (see Note 3) and other investments trustee by the Teachers Insurance and Annuity Association – College Retirement Equities Fund (TIAA-CREF).

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

Subsequent Events

Management evaluated subsequent events for the Plan through October 8, 2020, the date the financial statements were available to be issued.

UPMC has approved the mergers of the Blair Medical Associates 401(k) Profit Sharing Plan, Lexington Anesthesia Associates 401(k) Plan and W.C.A. Hospital Defined Contribution Retirement Plan into the Plan, which is scheduled to occur on or before December 31, 2020.

On January 30, 2020, the World Health Organization (WHO) announced a global health emergency stemming from a new strain of coronavirus that was spreading globally (the COVID-19 outbreak). On March 11, 2020, the WHO classified the COVID-19 outbreak as a pandemic, triggering volatility in financial markets and a significant negative impact on the global economy.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

2. Significant Accounting Policies (continued)

As a result, the Plan's investment portfolio has incurred a significant decline in fair value since December 31, 2019. However, because the values of the Plan's 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.

New Accounting Pronouncements

In February 2017, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2017-06, *Plan Accounting: Defined Benefit Pension Plans (Topic 960), Defined Contribution Pension Plans (Topic 962), Health and Welfare Benefit Plans (Topic 965): Employee Benefit Plan Master Trust Reporting*. ASU 2017-06 requires a plan to present its interest in a master trust and the change in that interest in separate line items on the statement of net assets available for benefits and on the statement of changes in net assets available for benefits, respectively. It also requires a plan to disclose the master trust's investments and other assets and liabilities, as well as the dollar amount of its interest in these balances. ASU 2017-06 is effective for entities for fiscal years beginning after December 15, 2018, with retrospective application to all periods presented. Early application is permitted. The Plan adopted ASU 2017-06 for the year ended December 31, 2019.

In July 2018, the FASB issued ASU 2018-09, *Codification Improvements*, which, among other things, amends an illustrative example of a fair value hierarchy disclosure to indicate that a certain type of investment should not always be considered to be eligible to use the net asset value per share practical expedient. Also, it further clarifies that an entity should evaluate whether a readily determinable fair value exists or whether its investments qualify for the net asset value per share practical expedient in accordance with Accounting Standards Codification (ASC) 820, *Fair Value Measurement*. Adoption of the amended guidance, which is to be applied prospectively, affects the fair value disclosures, but does not change the fair value measurement of the investments. ASU 2018-09 is effective for entities for fiscal years beginning after December 15, 2019 (after December 31, 2018, for issuers (i.e., Form 11-K plans)). Early application is permitted. Management is currently evaluating the effect that the provision of ASU 2018-09 will have on the Plan's financial statements.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

2. Significant Accounting Policies (continued)

In August 2018, the FASB issued ASU 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement*, which eliminates, adds and modifies certain disclosure requirements for fair value measurements. The amendments are effective for all entities for fiscal years beginning after December 15, 2019, but entities are permitted to early adopt either the entire standard or only the provisions that eliminate or modify the fair value disclosures. Management is currently evaluating the effect that the provision of ASU 2018-13 will have on the Plan's financial statements.

3. Investments

Certain of the Plan's investments are held in a Master Trust, which was established for the investment of assets of the Plan and another UPMC-sponsored retirement plan. Each participating retirement plan's interest in the investment funds of the Master Trust is based on account balances of the participants and their elected investment funds. The Master Trust assets are allocated among the participating plans by assigning to each plan those transactions (primarily contributions, benefit payments, and plan-specific expenses) that can be specifically identified and by allocating among all plans, in proportion to the fair value of the assets assigned to each plan, income and expenses resulting from the collective investment of the assets of the Master Trust.

The following table presents the Master Trust balances and the Plan's interest in the Master Trust balances:

	Master Trust Balances	Plan's Interest in Master Trust Balances
December 31, 2019		
Master Trust investments, at fair value:		
Registered investment companies	\$ 5,210,411,319	\$ 2,838,632,087
Cash	8,262,837	4,501,594
Total Master Trust investments, at fair value	5,218,674,156	2,843,133,681
Net payables	(6,614,947)	(3,617,652)
Total	\$ 5,212,059,209	\$ 2,839,516,029

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

3. Investments (continued)

	Master Trust Balances	Plan's Interest in Master Trust Balances
December 31, 2018		
Master Trust investments, at fair value:		
Registered investment companies	\$ 4,071,139,299	\$ 2,217,956,690
Cash	5,664,370	3,085,949
Total Master Trust investments, at fair value	4,076,803,669	2,221,042,639
Net receivables (payables)	(4,826,086)	(3,345,483)
Total	<u>\$ 4,071,977,583</u>	<u>\$ 2,217,697,156</u>

Net investment gain for the Master Trust for the year ended December 31, 2019, is \$1,005,425,246.

Fair Value Measurements

Fair value is defined under ASC 820 as 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 (i.e., an exit price). The fair value hierarchy 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 – Unadjusted quoted prices in active markets that are accessible to the reporting entity at the measurement date for identical assets and liabilities.
- Level 2 – Inputs other than quoted prices in active markets for identical assets and liabilities that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:
 - Quoted prices for similar assets and liabilities in active markets
 - Quoted prices for identical or similar assets or liabilities in markets that are not active
 - Observable inputs other than quoted prices that are used in the valuation of the assets or liabilities (e.g., interest rate and yield curve quotes at commonly quoted intervals)

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

- Inputs that are derived principally from or corroborated by observable market data by correlation or other means
- Level 3 – Unobservable inputs for the asset or liability (i.e., supported by little or no market activity). Level 3 inputs include management's own assumption about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk).

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level input that is significant to the fair value measure in its entirety.

Following is a description of the valuation techniques and inputs used for each general type of investment measured at fair value:

Cash is valued at amortized cost which approximates fair value.

Registered investment companies are trusted by BNY Mellon Bank, N.A. and are valued based on quoted market prices which represent the net asset value (NAV) of shares held by the Plan at year end. The NAV is a quoted price in an active market.

Variable annuities (CREF Accounts) consist of eight investment portfolios: the Stock, Global Equities, Growth, Equity Index, Bond Market, Inflation-Linked Bond, Social Choice, and Money Market Accounts (individually referred to as the Account or collectively referred to as the Accounts). CREF is registered with the Securities and Exchange Commission under the Investment Company Act of 1940 as an open-end management investment company; however, the CREF Accounts themselves are not traded on an exchange in an active market. The Accounts invest principally in equity securities, fixed income instruments and short-term instruments in accordance with the Account's investment objective. The Account's underlying investments are primarily valued using market quotations or prices obtained from independent pricing sources who may employ various pricing methods to value the investments including matrix pricing, except for the Money Market Account which is generally valued at amortized cost. Each Account determines fair value based on its NAV on a daily basis and is redeemable at NAV on the valuation date.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

Pooled separate account (PSA) (TIAA Real Estate Account) is valued principally from the market value of the underlying real estate holdings or real estate-related investments. Real estate holdings are valued principally using external appraisals, which are estimates of property values based on a professional's opinion. The PSA also sometimes holds securities which are generally priced using values obtained from independent pricing sources. Unit values are calculated each day and the fund is redeemable at NAV. The PSA itself is not traded on an exchange in an active market.

Guaranteed annuity contract (TIAA Traditional fund) is a traditional investment contract offered to participants of the Plan through Retirement Annuity (RA) and Group Retirement Annuity (GRA) contracts, which are not fully benefit-responsive. The TIAA Traditional fund is valued at fair value, which approximates contract value. The contract value of the fund equals the accumulated cash contributions, interest credited to the Plan's contracts, and transfers, if any, less any withdrawals. Since the investment is not available for sale or transfer on any securities exchange, transactions in similar investment instruments are not observable. As a guaranteed annuity backed by TIAA's claims paying ability, the TIAA Traditional fund guarantees principal and a guaranteed minimum rate of interest, plus the opportunity for additional amounts in excess of the guaranteed rate. The guaranteed minimum interest rate during the accumulation phase is generally 3%. These guarantees of principal and minimum interest rates ensure that each participant's accumulation is protected from loss and will always increase in value. These additional amounts, when declared by the TIAA Board of Trustees, are determined on a year-by-year basis and remain in effect for the "declaration year." The declaration year begins each March 1 for accumulating annuities and each January 1 for lifetime payout annuities. Together, the guaranteed minimum and additional amounts make up the "crediting rate" in the accumulation phase of the account. TIAA uses a "vintage" method of crediting interest for funds in the TIAA Traditional fund. Because the yields available on new long-term investments tend to vary over time, TIAA groups the funds received over discrete time periods into vintages. The interest credited to each vintage reflects the investment returns initially obtained on TIAA's investments during each period. When the accumulation in the TIAA Traditional fund is converted to an annuity based on life expectancy, the present value of the stream of payments is equal to the accumulation.

In determining the reasonableness of the valuation technique, the plan sponsor evaluates a variety of factors including review of existing contracts, economic conditions, industry and market developments, and overall credit ratings. Certain unobservable inputs are assessed through review of contract terms (for example, duration or payout date) while others are substantiated utilizing available market data.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

The following table sets forth by level, within the fair value hierarchy, the Master Trust's assets at fair value as of December 31, 2019:

	Level 1	Level 2	Level 3	Total
Cash	\$ 8,262,837	\$ —	\$ —	\$ 8,262,837
Registered investment companies	5,210,411,319	—	—	5,210,411,319
Total assets of the Master Trust at fair value	<u>\$5,218,674,156</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$5,218,674,156</u>

The following table sets forth by level, within the fair value hierarchy, the Plan's assets held outside of the Master Trust, at fair value as of December 31, 2019:

	Level 1	Level 2	Level 3	Total
Guaranteed Annuity Contract	\$ —	\$ —	\$ 18,512,940	\$ 18,512,940
Variable annuities measured at net asset value:				
CREF Stock ^(a)				17,728,113
CREF Money Market ^(b)				1,643,670
CREF Social Choice ^(c)				2,261,652
CREF Bond Market ^(d)				1,570,174
CREF Global Equities ^(e)				3,231,955
CREF Growth ^(f)				5,492,821
CREF Equity Index ^(g)				2,670,606
CREF Inflation-Linked Bond ^(h)				320,209
Pooled Separate Account measured at net asset value ⁽ⁱ⁾				<u>1,218,302</u>
Total assets, excluding the Plan's interest in the Master Trust at fair value				<u>\$ 54,650,442</u>

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

The following table sets forth by level, within the fair value hierarchy, the Master Trust's assets at fair value as of December 31, 2018:

	Level 1	Level 2	Level 3	Total
Cash	\$ 5,664,370	\$ —	\$ —	\$ 5,664,370
Registered investment companies	4,071,139,299	—	—	4,071,139,299
Total assets of the Master Trust at fair value	<u>\$4,076,803,669</u>	<u>\$ —</u>	<u>\$ —</u>	<u>\$4,076,803,669</u>

The following table sets forth by level, within the fair value hierarchy, the Plan's assets held outside of the Master Trust, at fair value as of December 31, 2018:

	Level 1	Level 2	Level 3	Total
Guaranteed Annuity Contract	\$ —	\$ —	\$ 18,674,289	\$ 18,674,289
Variable annuities measured at net asset value:				
CREF Stock ^(a)				14,926,817
CREF Money Market ^(b)				1,822,880
CREF Social Choice ^(c)				1,995,954
CREF Bond Market ^(d)				1,466,431
CREF Global Equities ^(e)				2,724,746
CREF Growth ^(f)				4,536,962
CREF Equity Index ^(g)				2,150,091
CREF Inflation-Linked Bond ^(h)				314,906
Pooled Separate Account measured at net asset value ⁽ⁱ⁾				<u>1,215,395</u>
Total assets, excluding the Plan's interest in the Master Trust at fair value				<u>\$ 49,828,471</u>

^(a) The investment objective of this Account is to achieve a favorable long-term rate of return through capital appreciation and investment income by investing primarily in a broadly diversified portfolio of common stocks.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

- ^(b)The investment objective of this Account is to achieve high current income consistent with maintaining liquidity and preserving capital. Substantially all of the Account's assets are invested in cash and U.S. government securities.
- ^(c)The investment objective of this Account is to achieve a favorable long-term rate of return that reflects the investment performance of the financial markets while giving special consideration to certain social criteria. The Account invests in a diversified set of domestic and foreign stocks and other equity securities, bonds and other fixed-income securities, as well as money market instruments and other short-term debt instruments.
- ^(d)The investment objective of this Account is to achieve a favorable long-term rate of return through high current income consistent with preserving capital. The majority of the Account's assets are invested in U.S. treasury and agency securities, corporate bonds and mortgage-backed or other asset-backed securities.
- ^(e)The investment objective of this Account is to achieve a favorable long-term rate of return through capital appreciation and investment income from a broadly diversified portfolio that consists of foreign and domestic stocks.
- ^(f)The investment objective of this Account is to achieve a favorable long-term rate of return, mainly through capital appreciation, primarily from a diversified portfolio of common stocks that present the opportunity for exceptional growth.
- ^(g)The investment objective of this Account is to achieve a favorable long-term rate of return from a diversified portfolio selected to track the overall market for common stocks publicly traded in the United States, as represented by a broad stock market index. The Account is designed to track the U.S. stock market as a whole and invests in stocks in its benchmark index, the Russell 3000 Index.
- ^(h)The investment objective of this Account is to achieve a favorable long-term rate of return that outpaces inflation, primarily through investment in inflation-indexed bonds – fixed-income securities whose returns are designed to track a specified inflation index over the life of the bond.
- ⁽ⁱ⁾The investment objective for this fund is to achieve long-term returns primarily through rental income and appreciation of real estate investments owned by the Account. The Account will also invest in publicly traded securities and short-term higher quality liquid investments that are easily converted to cash to enable the Account to meet participant redemption requests, purchase or improve properties or cover other expense needs. There are currently no redemption restrictions on this investment. Liquidity is guaranteed, since the fund is backed by the TIAA general account.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

Quantitative Information About Significant Unobservable Inputs Used in Level 3 Fair Value Measurements

The following tables present the Plan's Level 3 investments, the valuation techniques used to measure the fair value, and the significant unobservable inputs and the ranges of values for those inputs:

December 31, 2019				
Investment (by General Type)	Fair Value	Valuation Technique	Significant Unobservable Inputs	Range
Guaranteed Annuity Contract	\$ 18,512,940	Fair value equals contract value	Risk-adjusted discount rate applied*	RA – 3.00%–4.40% GRA – 3.00%–4.40%

December 31, 2018				
Investment (by General Type)	Fair Value	Valuation Technique	Significant Unobservable Inputs	Range
Guaranteed Annuity Contract	\$ 18,674,289	Fair value equals contract value	Risk-adjusted discount rate applied*	RA – 3.25%–4.75% GRA – 3.25%–4.75%

*Unobservable inputs include discount rate applied.

TIAA Traditional fund's account balances are reported at contract value. Contract value is the aggregation of contributions, plus interest, less withdrawals, if any. Crediting rates are a combination of a guaranteed rate and an annually established discretionary rate. Additionally, the discretionary rate applied to contributions received during a reporting period may vary from the discretionary rate applied to account balances at the end of the prior reporting period. Contract value approximates a discounted cash flow value calculated using an appropriate risk-adjusted market discount rate which correlates closely with TIAA Traditional fund's historical crediting rates.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

4. Fair Value Measurements (continued)

The table below sets forth a summary of changes in the fair value of the Plan's Level 3 assets for the year ended December 31, 2019:

	Guaranteed Annuity Contract
Balance, beginning of year	\$ 18,674,289
Realized gains	336,142
Unrealized gains relating to instruments still held at the reporting date	221,090
Purchases	313,168
Sales	(1,031,749)
Balance, end of year	<u>\$ 18,512,940</u>

5. Administrative Expenses

UPMC charges administrative expenses to the Plan based on a nine-basis-point administrative fee (effective January 1, 2019; was eleven-basis-points prior to January 1, 2019) that is netted against the respective fund's investment income and is calculated based on the daily net asset value of each fund. The fee is capped at a \$12 minimum to \$429 maximum charge per person annually. A quarterly administrative fee of \$7.50 is charged to the accounts of terminated participants who elect to retain an account balance in the Plan. The amount of administrative fees charged in 2019 was \$116,144.

These fees are used to offset a portion of the Plan's administrative expenses. The plan sponsor as well as the Plan pay the administrative expenses of the Plan. Investment fees are netted against the respective fund's investment income.

6. Related-Party and Party-in-Interest Transactions

Certain of the Plan's investments are managed by TIAA-CREF. These transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transaction rules under ERISA.

UPMC 401(a) Retirement Savings Plan

Notes to Financial Statements (continued)

7. Tax Status

The Plan has received a determination letter from the Internal Revenue Service (IRS) dated May 15, 2014, stating that the Plan is qualified under Section 401(a) of the Internal Revenue Code (Code) and, therefore, the related trust is exempt from taxation. Subsequent to this determination by the IRS, the Plan was amended. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualification. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan, as amended, is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require plan management to evaluate tax positions taken by the Plan and recognize a tax liability if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the IRS. Plan management has analyzed the tax positions taken by the Plan, and has concluded that there are no uncertain positions taken or expected to be taken. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress.

8. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market volatility, and credit risks. 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 that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

Supplemental Schedule

UPMC 401(a) Retirement Savings Plan

EIN 25-1423657; Plan #335

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

December 31, 2019

Identity of Investment	Description	Cost	Current Value
*TIAA Traditional Fund	Guaranteed annuity contract	**	\$ 18,512,940
*TIAA Real Estate Fund	Pooled separate account	**	1,218,302
*CREF Stock Fund	Variable annuity	**	17,728,113
*CREF Money Market Fund	Variable annuity	**	1,643,670
*CREF Social Choice Fund	Variable annuity	**	2,261,652
*CREF Bond Market Fund	Variable annuity	**	1,570,174
*CREF Global Equities Fund	Variable annuity	**	3,231,955
*CREF Growth Fund	Variable annuity	**	5,492,821
*CREF Equity Index Fund	Variable annuity	**	2,670,606
*CREF Inflation-Linked Bond Fund	Variable annuity	**	320,209
Total investments			<u>\$ 54,650,442</u>
*Loans to participants	Varying maturity dates with interest rates ranging from 4.25% to 9.25%		<u>\$ 20,320,332</u>
*Party-in-interest			
**Participant-directed investment, cost not required			

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Multiple-Employer Plan Participating Employer Information

UPMC 401(a) Retirement Savings Plan EIN 25-1423657

Plan Number: 335

Name of Participating Employers	EIN	Percentage of Total Contributions
Altoona Regional Partner Healthy Community	251842308	0.01%
Asbury Health Center, Inc.	250969472	0.04%
Asbury Heights of UPMC	251555687	0.01%
Asbury Place	251729266	0.01%
Asbury Villas	251819952	0.01%
Askesis Development Group, Inc.	541625585	0.10%
Bayside Development	251401386	0.04%
Biotronics, Inc.	251843500	0.13%
Canterbury Place	250965334	0.03%
Carillo Steam Production	271073489	0.00%
Center for Emergency Medicine	251443759	0.34%
Centers for Rehab Services	251786209	2.86%
Chartwell	251729714	0.77%
Children's Advocacy Center	251581304	0.01%
Children's Community Pediatric	251781887	2.86%
Children's Hospital of Pittsburgh	250402510	1.79%
Clinical Connect HIE	274585032	0.01%
Cole Care, Inc.	251497347	0.15%
Cole Memorial Hospital	240802108	0.15%
Community Care Behavioral Health	251799823	0.57%
Cranberry Place	043709885	0.05%
Curavi Health, Inc.	811217377	0.08%
Divine Providence Hospital	240799343	0.00%
EBenefit Solutions, LLC	753202760	0.12%
Erie Physicians Network-UPMC	453012506	0.07%
Great Lakes Physician Practice	464186362	0.80%
H.C. Pharmacy Central, Inc.	251364192	0.12%
HCMS Group, LLC	822774314	0.28%
Hematology Oncology Assoc.	421648357	0.36%
Hendorn, Inc.	231972659	0.00%
Home Nursing Agency & VNA	251188570	0.45%
Home Nursing Agency Community Services	251517533	0.04%
Jameson Care Center, Inc.	232871396	0.03%
Magee-Women's Hospital of UPMC	250965420	1.58%
Mon Yough Community Service Inc.	251202461	0.12%
Oncology-Hematology Assoc.	251762980	1.36%
Ovation Revenue Cycle Services, LLC	432096566	0.07%
Pensiamo, Inc.	812069236	0.07%
Prodigo Solutions, Inc.	463889233	0.25%
ProTech Compliance, Inc.	261379461	0.03%
Regional Health Services, Inc.	251403958	1.57%
Renaissance Family Practice	262942406	0.58%
RX Partners Long Term Care	251855593	0.23%
RX Partners, Inc.	251801966	0.13%
Safe Harbor Behavioral Health of UPMC Hamot	251317492	0.06%

SBI Qualifying Solutions	223913336	0.02%
Seneca Place	721562844	0.05%
Sherwood Oaks	251335247	0.05%
South Central Alpha Housing & Health	251701701	0.01%
Southwestern Alpha Housing & Health	251701700	0.01%
Strategic Business Initiatives	141940264	0.00%
Sugarcreek Station	251472178	0.04%
Susquehanna Health Foundation	232743470	0.01%
Susquehanna Physician Services	232449454	1.23%
TCXpress, Inc.	824979766	0.01%
Telemed-ID, Inc.	833311071	0.01%
The Green Home	240804365	0.03%
The Heritage Shadyside	020614185	0.04%
Tioga Health Care Providers	251765538	0.07%
TTMS, Inc.	825443222	0.01%
Univ. Health Center of Pittsburgh	256073026	1.06%
University of Pittsburgh Cancer Institute Cancer Services	251899326	0.57%
University of Pittsburgh Physicians	232919472	35.71%
UPMC Advanced Practice Provider	471301784	0.01%
UPMC Altoona	231352155	1.34%
UPMC Bedford	231396795	0.14%
UPMC Chautauqua at WCA	160743226	0.40%
UPMC Community Medicine Inc.	251727721	3.44%
UPMC Community Provider Service	251804746	0.36%
UPMC Complete Care, Inc.	463605753	0.08%
UPMC East	274814831	0.40%
UPMC Emergency Medicine, Inc.	251787601	0.01%
UPMC Hamot	250965387	1.02%
UPMC Health Plan, Inc.	232813536	10.88%
UPMC Home Care Management Services	830857507	0.03%
UPMC Horizon	250523970	0.26%
UPMC Jameson	250965406	0.33%
UPMC Kane	250998168	0.10%
UPMC Lockhaven	821600494	0.09%
UPMC McKeesport	250965423	0.16%
UPMC Mercy	250965429	1.17%
UPMC Muncy	240806023	0.11%
UPMC Northwest	250489010	0.30%
UPMC Northwest Foundation	251483624	0.00%
UPMC Passavant	250965451	0.70%
UPMC Physician Operations & Professional Services, LLC	472803100	4.70%
UPMC Presbyterian Shadyside	250965480	12.16%
UPMC Presbyterian Shadyside	250965480	0.00%
UPMC Senior Communities, Inc.	251574736	0.07%
UPMC St. Margaret	232875070	0.47%
UPMC Susquehanna	232751183	1.21%
UPMC Susquehanna Sunbury	821592230	0.05%
UPMC Visiting Nurses Assoc.	251222033	0.54%
UPMC Wellsboro	232176963	0.30%
UPMC, Altoona Regional Health Services	251219302	1.75%
UPMCS Neurosurgical Grp.2, Inc.	251458655	0.01%
Vincent Payment Solutions	821101143	0.02%
Washington Senior Care Corp	251849365	0.01%
WCA Services Corporation	161151438	0.09%
Williamsport Ambulance Service Corp	232416166	0.02%

UPMC 401(a) Retirement Savings Plan

EIN 25-1423657; Plan #335

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

December 31, 2019

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