

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2022 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</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)
E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.	☐

Part II Basic Plan Information —enter all requested information		
1a Name of plan <u>ANALYTIC SERVICES INC. DEFINED CONTRIBUTION RETIREMENT PLAN</u>	1b Three-digit plan number (PN) ▶	<u>003</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, and ZIP or foreign postal code (if foreign, see instructions) <u>ANALYTIC SERVICES INC.</u> <u>5275 LEESBURG PIKE</u> <u>SUITE N-5000</u> <u>FALLS CHURCH, VA 22041</u>		
1c Effective date of plan <u>01/01/1958</u>		
2b Employer Identification Number (EIN) <u>54-0695125</u>		
2c Plan Sponsor's telephone number <u>703-416-2000</u>		
2d Business code (see instructions) <u>541600</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.	09/28/2023	MYRON FREEMAN
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

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

Form 5500 (2022)
v. 220413

3a Plan administrator's name and address ☒ Same as Plan Sponsor		3b Administrator's EIN
		3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name		4b EIN 4d PN
5 Total number of participants at the beginning of the plan year		5 1803
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).		
a(1) Total number of active participants at the beginning of the plan year		6a(1) 343
a(2) Total number of active participants at the end of the plan year		6a(2) 584
b Retired or separated participants receiving benefits		6b 0
c Other retired or separated participants entitled to future benefits.....		6c 1490
d Subtotal. Add lines 6a(2) , 6b , and 6c		6d 2074
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.		6e 31
f Total. Add lines 6d and 6e		6f 2105
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....		6g 2070
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....		6h 14
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 2S 2T		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☒ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☒ 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 2022 Form M-1 annual report. If the plan was not required to file the 2022 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE 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 2022 This Form is Open to Public Inspection
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ANALYTIC SERVICES INC. DEFINED CONTRIBUTION RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 003	
C Plan sponsor's name as shown on line 2a of Form 5500 ANALYTIC SERVICES INC.	D Employer Identification Number (EIN) 54-0695125	

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
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(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	103036	1273	01/01/2022	12/31/2022

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

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

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid
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(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	40382618
5	Current value of plan's interest under this contract in separate accounts at year end.....	5	57449658

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	38905702
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c	Additions: (1) Contributions deposited during the year	7c(1)	221563	
	(2) Dividends and credits.....	7c(2)		
	(3) Interest credited during the year.....	7c(3)	1637434	
	(4) Transferred from separate account.....	7c(4)	3776795	
	(5) Other (specify below)	7c(5)	486214	
	▶ PLAN SERVICING CREDIT, PARTICIPANT LOAN INTEREST, CONVERSION IN, PARTICIPANT LOAN ISSUED & REPAYMENT			

(6) Total additions.....	7c(6)	6122006
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d	Total of balance and additions (add lines 7b and 7c(6))	7d	45027708
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e Deductions:

(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	2104930	
(2) Administration charge made by carrier.....	7e(2)		
(3) Transferred to separate account.....	7e(3)	2468231	
(4) Other (specify below)	7e(4)	71929	

▶ FEES

(5) Total deductions.....	7e(5)	4645090
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f	Balance at the end of the current year (subtract line 7e(5) from line 7d)	7f	40382618
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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)	0
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)	0
(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)	0
(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
		2022
		This Form is Open to Public Inspection.

For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022	
A Name of plan ANALYTIC SERVICES INC. DEFINED CONTRIBUTION RETIREMENT PLAN	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 ANALYTIC SERVICES INC.	D Employer Identification Number (EIN) 54-0695125

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

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

CAPFINANCIAL PARTNERS LLC

26-0058143

(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?
27 50	ADVISOR	52912	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

BDO USA, P.C.

13-5381590

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10	AUDITOR	19000	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

TIAA

13-1624203

(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	CONTRACT ADMINISTRATOR	2750	Yes ☒ No ☐	Yes ☒ No ☐	0	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) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration	DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
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For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ANALYTIC SERVICES INC. DEFINED CONTRIBUTION RETIREMENT PLAN	B Three-digit plan number (PN) ►	003
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 ANALYTIC SERVICES INC.	D Employer Identification Number (EIN) 54-0695125	

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: TIAA REAL ESTATE		
b Name of sponsor of entity listed in (a): TIAA-CREF		
c EIN-PN 13-1624203-004	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5858630
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
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
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103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**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
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plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection
For calendar plan year 2022 or fiscal plan year beginning <u>01/01/2022</u> and ending <u>12/31/2022</u>		
A Name of plan <u>ANALYTIC SERVICES INC. DEFINED CONTRIBUTION RETIREMENT PLAN</u>		B Three-digit plan number (PN) <u>003</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>ANALYTIC SERVICES INC.</u>		D Employer Identification Number (EIN) <u>54-0695125</u>

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash.....	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common.....	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants).....	1c(7)		
(8) Participant loans.....	1c(8)	6125	410307
(9) Value of interest in common/collective trusts.....	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	5594610	5858630
(11) Value of interest in master trust investment accounts.....	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	138118593	130984898
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)	38905702	40382618
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	182625030	177636453

Liabilities

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

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	182625030	177636453
---	-----------	-----------	-----------

Part II Income and Expense Statement

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

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	4842711	
(B) Participants	2a(1)(B)	4607075	
(C) Others (including rollovers)	2a(1)(C)	243888	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		9693674
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)	13008	
(F) Other	2b(1)(F)	1637434	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		1650442
(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)	4731424	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		4731424
(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)		459799
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities.....	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		-31281865
c Other income	2c		160400
d Total income. Add all income amounts in column (b) and enter total	2d		-14586126
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	7983355	
(2) To insurance carriers for the provision of benefits	2e(2)	287937	
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		8271292
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		3056
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	19000	
(2) Contract administrator fees	2i(2)	2750	
(3) Investment advisory and management fees	2i(3)	52912	
(4) Other	2i(4)		
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		74662
j Total expenses. Add all expense amounts in column (b) and enter total	2j		8349010
Net Income and Reconciliation			
k Net income (loss). Subtract line 2j from line 2d	2k		-22935136
l Transfers of assets:			
(1) To this plan	2l(1)		17946559
(2) From this plan	2l(2)		

Part III Accountant's Opinion

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

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

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

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

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

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

(1) Name: BDO USA, P.C.

(2) EIN: 13-5381590

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

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

Part IV Compliance Questions

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

During the plan year:

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

	Yes	No	Amount
4a		X	

	Yes	No	Amount
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)			
4b		X	
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)			
4d		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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 Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) ☐ Yes ☐ No ☐ Not determined

If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2022 This Form is Open to Public Inspection.
For calendar plan year 2022 or fiscal plan year beginning 01/01/2022 and ending 12/31/2022		
A Name of plan ANALYTIC SERVICES INC. DEFINED CONTRIBUTION RETIREMENT PLAN		B Three-digit plan number (PN) ► 003
C Plan sponsor's name as shown on line 2a of Form 5500 ANALYTIC SERVICES INC.		D Employer Identification Number (EIN) 54-0695125
Part I Distributions		
All references to distributions relate only to payments of benefits during the plan year.		
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....		1 0
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): 13-1624203		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....		3
Part II Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)		
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ☐ Yes ☐ No ☐ N/A If the plan is a defined benefit plan, go to line 8.		
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.		
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived).....		6a
b Enter the amount contributed by the employer to the plan for this plan year.....		6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....		6c
If you completed line 6c, skip lines 8 and 9.		
7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ☐ Yes ☐ No ☐ N/A		
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ☐ Yes ☐ No ☐ N/A		
Part III Amendments		
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box..... ☐ Increase ☐ Decrease ☐ Both ☐ No		
Part IV ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.		
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....		☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?.....		☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....		☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?.....		☐ Yes ☐ No
For Paperwork Reduction Act Notice, see the Instructions for Form 5500.		
Schedule R (Form 5500) 2022 v. 220413		

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

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

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

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

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

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

Part VI	Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans
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18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

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

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

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

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

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

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

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

☐ Yes.

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

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

☐ No. Other. Provide explanation _____

**Analytic Services Inc.
Defined Contribution Retirement Plan**

Financial Statements and
ERISA-Required Supplemental Schedule
As of December 31, 2022 and 2021 and for the
Year Ended December 31, 2022

Analytic Services Inc. Defined Contribution Retirement Plan

Financial Statements and ERISA-Required Supplemental Schedule
As of December 31, 2022 and 2021 and for the Year Ended December 31, 2022

Analytic Services Inc. Defined Contribution Retirement Plan

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ERISA-Required Supplemental Schedule

Schedule H, line 4i—Schedule of Assets (Held at End of Year)—December 31, 2022	20-21
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421 Fayetteville Street
Suite 300
Raleigh, NC 27601

Independent Auditor's Report

To the Plan Administrator
Analytic Services Inc. Defined Contribution Retirement Plan
Falls Church, Virginia

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

We have performed audits of the financial statements of the Analytic Services Inc. Defined Contribution Retirement Plan (the "Plan"), an employee benefit plan subject to the Employee Retirement Income Security Act of 1974 ("ERISA"), as permitted by ERISA Section 103(a)(3)(C). The financial statements comprise the statements of net assets available for benefits as of December 31, 2022 and 2021, and the related statement of changes in net assets available for benefits for the year ended December 31, 2022, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under ERISA ("ERISA Section 103(a)(3)(C) audit"). As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the Plan ("investment information") by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency ("qualified institution"), provided that the investment information is prepared and certified to by the qualified institution in accordance with 29 CFR 2520.103-5 of the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

Management has obtained certifications from qualified institutions as of December 31, 2022 and 2021 and for the year ended December 31, 2022, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and the procedures performed as described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report

- the amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America ("GAAP"); and
- the certified investment information in the accompanying financial statements agrees to, or is derived from, in all material respects, the information prepared and certified by qualified institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).



Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America ("GAAS"). Our responsibilities under those standards are further described in the *Auditor's Responsibilities for the Audit of the Financial Statements* section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with GAAP, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

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

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

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the *Scope and Nature of the ERISA Section 103(a)(3)(C) Audit* section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.



In performing an audit in accordance with GAAS, we:

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

Our audits did not extend to the certified investment information, except for obtaining and reading the certifications, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of GAAP.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with GAAP.

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



Other Matter – Supplemental Schedule Required by ERISA

The supplemental schedule H, line 4i-schedule of assets (held at end of year) as of December 31, 2022 is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to 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 GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion

- the form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, is presented, in all material respects, in conformity with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.
- the certified investment information in the supplemental schedule agrees to, or is derived from, in all material respects, the information prepared and certified by qualified institutions that management determined meet the requirements of ERISA Section 103(a)(3)(C).

BDO USA, P.C.

Raleigh, North Carolina
September 27, 2023

Financial Statements

Analytic Services Inc. Defined Contribution Retirement Plan

Statements of Net Assets Available for Benefits

<i>December 31,</i>	2022	2021
Party-in-		
Investments, at fair value:		
Fixed annuity contracts NFBR	\$ 36,711,147	\$ 36,457,786
Pooled separate account	5,858,630	5,594,610
Variable annuities	51,591,028	74,167,647
Mutual funds	79,393,870	63,950,946
Total investments, at fair value	173,554,675	180,170,989
Investments, at contract value:		
Fixed annuity contracts FBR	3,671,471	2,447,916
Total investments	177,226,146	182,618,905
Receivables:		
Notes receivable from participants	410,307	6,125
Net assets available for benefits	\$ 177,636,453	\$ 182,625,030

See accompanying notes to financial statements.

Analytic Services Inc. Defined Contribution Retirement Plan

Statement of Changes in Net Assets Available for Benefits

<i>Year Ended December 31,</i>	<i>2022</i>
Party-in-	
Interest on notes receivable from participants	\$ 11,972
Net investment income (loss):	
Interest income on fixed annuity contracts	1,637,730
Dividends	4,731,424
Net depreciation in fair value of investments	(30,660,926)
Total net investment loss	(24,291,772)
Contributions:	
Participant	4,607,075
Employer	4,842,711
Rollover	243,888
Total contributions	9,693,674
Deductions:	
Benefits paid to participants	8,274,348
Administrative expenses	74,662
Total deductions	8,349,010
Net decrease before transfer	(22,935,136)
Transfer from InTec, LLC acquisition (See Note 10)	17,946,559
Net assets available for benefits, beginning of year	182,625,030
Net assets available for benefits, end of year	\$ 177,636,453

See accompanying notes to financial statements.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

1. Description of the Plan

The following description of the Analytic Services Inc. Defined Contribution Retirement Plan (the “Plan”) is provided for general information purposes only. Participants should refer to the comprehensive Plan Document for a more complete description of the Plan’s provisions.

General

The Plan is a defined contribution plan covering substantially all employees of Analytic Services Inc. (the “Employer”) except leased employees, non-resident aliens with no U.S. sourced income, interns, and those classified as “term” or “adjunct” employees. The Investment Committee is responsible for the oversight of the Plan. The Investment Committee determines the appropriateness of the Plan’s investment offerings, monitors investment performance and reports to the Board of Directors. Employees are eligible to participate in the Plan upon commencement of employment, as defined in the Plan Document. The Plan is designed in accordance with section 401(k) of the Internal Revenue Code (“IRC”) and is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (“ERISA”).

At the behest of the Investment Committee and the Board of Directors, the Plan is administered by Teachers Insurance and Annuity Association of America (“TIAA”) and College Retirement Equities Fund (“CREF”).

Contributions

The amount of contributions for any Plan year will be equal to the sum of the following:

- a) Participants may contribute up to 100% of pre-tax eligible compensation, as defined by the Plan, up to the maximum allowable under the IRC each year. Participants who have attained age 50 before the end of the Plan year are eligible to make catch-up contributions. Participants may also elect to make Roth contributions to the Plan. Additionally, participants may contribute rollover contributions from other qualified defined contribution plans.
- b) The Employer makes a nonelective safe harbor contribution to each eligible participant in an amount equal to 3% of each participant's compensation, as defined by the Plan.
- c) The Employer may contribute an Employer nonelective discretionary profit sharing contribution to each eligible participant in the amount equal to 2% of each participant's eligible compensation, as defined by the Plan.
- d) During 2021, the Employer made tiered discretionary matching contributions which ranged from 3% to 5% of eligible compensation based on the participant's hire date. Effective January 1, 2022, the Employer will make a matching contribution of up to 3% of eligible compensation or 5% of eligible compensation if the participant was hired before 2018.

Contributions are subject to certain Internal Revenue Service (“IRS”) limitations.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

Participant Accounts

Each participant's account is credited with the participant's contributions, employer contributions, and an allocation of net Plan earnings or losses. Participant accounts are charged with an allocation of administrative expenses that are paid by the Plan. Allocations are based on participant earnings, account balances, or specific participant transactions, as defined. The benefit to which participants are entitled is the vested portion of their accounts.

Vesting

Each participant is immediately vested in his or her salary deferral contributions, rollover contributions, and nonelective Employer safe harbor contributions, plus related earnings. Employees hired on or after January 1, 2016 are subject to a five-year graded vesting schedule for Employer discretionary matching contributions and Employer nonelective discretionary profit sharing contributions and become 20% vested after one year of service, and 20% per year thereafter until fully vested after completing five years of service. Effective January 1, 2022, participants become 100% vested in his or her Employer discretionary matching contributions and Employer nonelective discretionary profit sharing contributions after completing two years of service, and are 0% vested prior to completing two years of service. Employees hired prior to January 1, 2016 continue to be immediately 100% vested in all contribution types.

Contract Loans to Participants

Up until December 31, 2021, participants could borrow directly from TIAA and CREF, a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of the participant's vested interest in the Plan. The participant had to pledge sufficient collateral. The collateral of the loans must be maintained in their investment accounts to the TIAA Traditional Annuity account.

The loans are not shown in the Plan's statement of net assets available for benefits as the loans were not made from plan assets and are therefore not considered assets of the Plan. Loan interest rates were determined by TIAA and CREF. Principal and interest is paid ratably by the participant directly to TIAA and CREF.

Loan balances outstanding from TIAA and CREF to the Plan's participants were \$158,639 and \$282,274 as of December 31, 2022 and 2021, respectively. At December 31, 2022 and 2021, there were no loans to participants in default and subject to repayment from participant's accounts at the time of distribution. During 2022, there was no loan collateral that was foreclosed upon and distributed from the participant's accounts to repay a defaulted loan.

Forfeitures

At December 31, 2022 and 2021, forfeited non-vested accounts totaled approximately \$95,000 and \$43,000, respectively. These accounts may be used to pay administrative expenses and reduce future employer contributions. None of the forfeited funds were used to pay administrative expenses and/or fund employer contributions in 2022.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

Notes Receivable from Participants

Participants are permitted to borrow a minimum of \$1,000 of their vested benefits under the Plan. Participants may borrow up to a maximum equal to the lesser of 50% of their vested account balance or \$50,000, reduced by the highest outstanding loan balance in their account during the prior 12-month period. Loans are secured by the participant's account and bear an interest rate at local prevailing rates as determined by the Plan Administrator, which would be made under similar circumstances and is fixed for the term of the loan. The notes are repaid ratably through payroll deductions over a period of five years or less, unless used to purchase a principal residence up to 10 years. These loans are subject to certain restrictions as defined by the Plan Document and applicable restrictions under the IRC.

Also, each participant may not have more than 3 loans outstanding at any time.

Loans transferred in from the InTec, LLC ("InTec") 401(k) plan may have different loan provisions, which were grandfathered into the Plan as of the time of the transfer. Refer to Note 10 for additional discussion of the InTec acquisition.

Benefit Payments

A participant may elect to receive an annuity, a lump-sum amount equal to the value of the participant's vested interest in his or her account, or equal installments if otherwise elected, as provided for in the Plan Document upon termination of service, death, disability, or retirement (age 65). The Plan allows for in-service withdrawals for participants who are at least age 59½ and for reasons of financial hardship only from participant contribution balances. The Plan allows for involuntary cash outs for account balances under \$5,000 to an IRA.

2. Summary of Accounting Policies

Basis of Accounting

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

Use of Estimates

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

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value with the exception of fully benefit-responsive investment contracts. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by its investment adviser, custodian, and insurance company. See Note 4 for discussion of fair value measurements.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

The Plan's fully benefit-responsive investment contracts (see Note 5) are valued at contract value.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) in the fair value of investments includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus accrued unpaid interest. If a participant ceases to make loan repayments and the Plan Administrator deems the participant loan to be in default, the participant loan balance is reduced, and a benefit payment is recorded.

Payment of Benefits

Benefits are recorded when paid.

Administrative Expenses

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Employer. Expenses that are paid by the Employer are excluded from these financial statements. Fees related to participant-initiated transactions are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net appreciation (depreciation) in fair value of investments.

Revenue Credits

The Plan's trust agreement with TIAA and CREF provides for a participant revenue credit arrangement, whereby the trustee allocates quarterly deposits into the accounts of eligible participants who are invested in certain funds. Unallocated revenue credits at December 31, 2022 and 2021 are \$158 and \$31,965, respectively. During 2022, the Plan received revenue credits of approximately \$160,000, used approximately \$72,000 of revenue credits to pay administrative expenses and approximately \$91,000 of revenue credits were allocated to participants.

3. Certified Investment Information

Certain information related to investments and notes receivable from participants disclosed in the accompanying financial statements and ERISA-required supplemental schedule, including investments and notes receivable from participants held at December 31, 2022 and 2021, and net depreciation in fair value of investments, interest and dividends, and interest income on notes receivable from participants for the year ended December 31, 2022, was obtained by management and agreed to or derived from information certified as complete and accurate by TIAA and CREF, qualified institutions.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

4. Fair Value Measurements

Accounting Standards Codification (“ASC”) 820, *Fair Value Measurement*, provides for a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy under ASC 820 are described as follows:

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

Level 2 - Inputs to the valuation methodology include:

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

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

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

A financial instrument’s level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of relevant observable inputs and minimize the use of unobservable inputs.

There have been no changes in the methodologies used at December 31, 2022 or 2021. The following is a description of the valuation methodologies used for assets measured at fair value:

Fixed Annuity Contracts: The non-fully benefit responsive (“NFBR”) fixed annuity contracts, composed entirely of the TIAA Traditional Annuity Contracts, are reported at fair value, which is approximated by contract value. Fair value is determined using a discounted cash flow model. The contract value equals the accumulated cash contributions and interest credited to the Plan’s contracts, less withdrawals. The TIAA Traditional Annuity Contracts are not available for sale or transfer on any securities exchange. The fixed annuity account is subject to various restrictions. See Note 5.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

Pooled Separate Account: Units held in the pooled separate account (“PSA”) are valued at the net asset value (“NAV”) based on the fair market value of the underlying investments of the account less its liabilities. The NAV of the PSA is published daily on NASDAQ. The PSA is not publicly traded. The PSA holds between 15% and 25% of its net assets in investments other than real estate and real estate related investments, comprised of publicly traded, liquid investments. Determination of fair value of the real estate assets, involves significant judgment. Valuation of the PSA’s real estate properties are based on real estate appraisals, which are estimates of property values based on a professional’s opinion and may not be accurate predictors of the amount the PSA would actually receive if it sold a property. Appraisals can be subjective in certain respects and rely on a variety of assumptions (including comparable property sales and historic pricing) and conditions at that property or in the market in which the property is located, which may change materially after the appraisal is conducted. Among other things, market prices for comparable real estate may be volatile, in particular if there has been a lack of recent transaction activity in such market.

Further, as the PSA generally obtains appraisals on a quarterly basis, there may be circumstances in the period between appraisals or interim valuation adjustments in which the true realizable value of a property is not reflected in the PSA’s daily net asset value calculation or in the PSA’s periodic financial statements. This disparity may be more apparent when the commercial and/or residential real estate markets experience an overall and possibly dramatic decline (or increase) in property values in a relatively short period of time between appraisals.

The PSA provides participants with a liquidity guarantee enabling the account to have funds available to meet participant redemption, transfer or cash withdrawals. TIAA guarantees that participants can redeem their accumulation unit value determined after their transfer or cash withdrawal request is received in good order.

TIAA limits the ability of participants to transfer funds into the TIAA Real Estate Account. Specifically, individual participants are limited from making internal transfers into their account if, after giving effect to such transfer, the total value of such participant’s account (under all contracts issued to such participant) would exceed \$150,000. A participant is not required to reduce his or her contract balance to a level at or below \$150,000 if the participant’s account totals more than \$150,000.

Variable Annuities: The CREF variable annuities are registered investments that publish their NAV daily on NASDAQ. The variable annuities are not publicly traded. The value of the NAV is based on the fair market value of the underlying investments of the annuities less its liabilities.

Mutual Funds: Mutual funds represent investments with various investment managers. The mutual funds are valued at the daily closing net asset value as reported by the fund. Mutual funds held by the Plan are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (“NAV”) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

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

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

The following tables set forth by level within the fair value hierarchy the Plan's assets at fair value:

<i>December 31, 2022</i>	<i>Total</i>	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>
Fixed annuity contracts	\$ 36,711,147	\$ -	\$ -	\$ 36,711,147
Pooled separate account	5,858,630	5,858,630	-	-
Variable annuities	51,591,028	51,591,028	-	-
Mutual funds	79,393,870	79,393,870	-	-
Total investments at fair value	\$ 173,554,675	\$ 136,843,528	\$ -	\$ 36,711,147

<i>December 31, 2021</i>	<i>Total</i>	<i>Level 1</i>	<i>Level 2</i>	<i>Level 3</i>
Fixed annuity contracts	\$ 36,457,786	\$ -	\$ -	\$ 36,457,786
Pooled separate account	5,594,610	5,594,610	-	-
Variable annuities	74,167,647	74,167,647	-	-
Mutual funds	63,950,946	63,950,946	-	-
Total investments at fair value	\$ 180,170,989	\$ 143,713,203	\$ -	\$ 36,457,786

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

<i>Type</i>	<i>Fair Value December 31, 2022</i>	<i>Fair Value December 31, 2021</i>	<i>Principal Valuation Technique</i>	<i>Significant Unobservable Inputs</i>	<i>2022 Range</i>
TIAA Traditional Annuity Contracts	\$ 36,711,147	\$ 36,457,786	Discounted cash flow/theoretical transfer (exit value)	Risk-adjusted discount rate applied	RA 3.70-6.25% GRA 3.70-6.25% RC 3.95-6.50%

During 2022, total purchases and sales of the fixed annuity contracts, (NFBR) were \$68,652 and \$1,510,341, respectively.

5. Fixed Annuity Contracts

As discussed in Note 4, fixed annuity contracts consist of investment options available to participants known as the TIAA Traditional Annuity Contracts ("Annuity") and TIAA Stable Value Contracts ("Stable Value"). These contracts are established between the participants and Teachers Insurance and Annuity Association ("TIAA"), an insurance company registered in the state of New York. The annuity investment option is offered in a variety of formats, including Retirement Annuity ("RA"), Group Retirement Annuity ("GRA"), Group Retirement Choice ("RC") and Retirement Choice Plus ("RCP"). The return of Annuity contributions plus interest to participants is subject to TIAA's claims-paying ability.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

Annuity accounts are credited with a guaranteed minimum rate of interest that is determined annually. Participants may also earn interest in addition to the guaranteed rate at the discretion of TIAA. Such discretionary interest, if any, is declared by TIAA on a year-by-year basis and remains in effect for the subsequent twelve-month “declaration year”. Contributions to the Annuity accounts are grouped by TIAA into “vintages” comprised of premiums received over defined time periods of one or more contiguous calendar months. The interest crediting rate for each vintage is determined, in part, by the net investment earnings rate of the TIAA assets supporting that vintage, minus a charge for administrative expenses and an amount set aside for contingency reserves. Crediting rates are also determined by the performance of investments contained in TIAA’s general account.

RA account balances may only be withdrawn over 10 annual payments and is also subject to a 2.5% surrender charge. GRA account balances are available within 120 days after termination of employment. If not withdrawn within 120 days of employment, balances may only be withdrawn over 10 annual payments. RC account balances are available within 120 days after termination of employment. If not withdrawn within 120 days of employment, balances may only be withdrawn over a period of seven years (84 monthly systematic payments). RAs, GRAs and RCs are not considered to be fully benefit-responsive investment contracts as defined by ASC 962, because this provision is considered to restrict participants’ “reasonable access” to their contract balances.

RCPs are considered fully benefit-responsive investment contracts, because they are fully liquid and immediately cashable once a participant terminates employment with the Employer (unless they are pledged as collateral on contract loans). See Note 1.

Stable Value accounts are credited with a guaranteed minimum rate of interest that is determined annually. Participants may also earn interest in addition to the guaranteed rate at the discretion of TIAA. Such discretionary interest, if any, is declared by TIAA and remains in effect from January 1 through June 30 and from July 1 through December 31. TIAA Stable Value is immediately liquid to a participant for withdrawals and transfers and does not have withdrawal restrictions (except that immediate transfers cannot be made to competing investment options pursuant to the contract’s “equity wash” provisions). In addition, transfers into TIAA Stable Value may not be made for 30 days following a transfer out. Stable Value are considered fully benefit responsive investment.

6. Plan Termination

Although it has not expressed any intention to do so, the Employer has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event that the Plan is terminated, participants would become 100% vested in their accounts.

7. Tax Status

The Plan uses a pre-approved 401(k) Profit Sharing Plan Document sponsored by TIAA and CREF. TIAA and CREF received an opinion letter from the IRS, dated October 7, 2020, which states that the pre-approved document, as then designed, satisfies the applicable provisions of the IRC. Plan management believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the IRC.

Analytic Services Inc. Defined Contribution Retirement Plan

Notes to Financial Statements

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

8. Risks and Uncertainties

The Plan holds various investment securities. Investment securities, in general, are exposed to various risks, such as interest rate risk, credit risk and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements and participant account balances.

9. Related Party and Party-In-Interest Transactions

Certain investments are managed by TIAA and CREF, and certain investments are held as collateral for contract loans issued to participant by TIAA. Notes receivable from participants also qualify as party-in-interest transactions. Investment management fees are recorded net of investment gains and losses in the statement of changes in assets held for benefits. The Plan also pays for audit and investment advisory fees. Therefore, these transactions are considered exempt party-in-interest transactions.

10. InTec, LLC 401(k) Plan Transfer

Effective December 16, 2021, InTec was acquired by the Employer. As part of the acquisition, InTec's Plan was terminated. Participants were given the option to transfer their account balances, including any outstanding loans to the Plan. Net assets of approximately \$18.0 million, including loan balances, were transferred to the Plan during 2022.

11. Subsequent Events

The Plan has evaluated subsequent events through September 27, 2023, the date the financial statements were available to be issued.

ERISA-Required Supplemental Schedule

Analytic Services Inc. Defined Contribution Retirement Plan

Schedule H, line 4i—Schedule of Assets (Held at End of Year)—December 31, 2021 EIN\PN: 54-0695125\003

(a) Party-in- interest	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d)** Cost	(e) Current value
Fixed annuity contracts:				
*	TIAA	Traditional Annuity Contracts FBR (RCP)	\$	2,938,583
*	TIAA	Traditional Annuity Contracts NFBR (RA, RC, GRA)		36,711,147
*	TIAA	Stable Value Contract		732,888
Total fixed annuity contracts				40,382,618
Pooled separate account-				
*	TIAA	Real Estate Account		5,858,630
Variable annuities:				
*	CREF	Stock R2		28,763,521
*	CREF	Growth R2		8,118,971
*	CREF	Equity Index R2		3,707,843
*	CREF	Global Equities R2		4,183,769
*	CREF	Money Market R2		2,275,209
*	CREF	Core Bond R2		2,315,277
*	CREF	Inflation-Linked Bond R2		1,339,435
*	CREF	Social Choice R2		887,003
Total variable annuities				51,591,028
Mutual funds:				
	American Funds	New Perspective Fund R4		2,355,387
	American Funds	EuroPacific Growth Fund R6		2,270,246
	American Funds	Washington Mutual Investors Fund R5E		4,392,421
	BlackRock	High Yield Bond Institutional		763,366
	JP Morgan	Large Cap Growth Fund R6		2,797,055
	Lord Abbett	Short Duration Income Fund I		187,925
	Mass Mutual	Small Cap Growth Equity Fund I		257,993
	MFS	Mid Cap Growth Fund R6		629,938
	Prudential	Prudential Total Return Bond Z		1,239,267
	T Rowe Price	New Horizons Fund		1,730,540
	T Rowe Price	Capital Appreciation Fund		771,183
*	TIAA-CREF	Lifecycle Retirement Income Fund		942,959
*	TIAA-CREF	Lifecycle 2010-Retirement Fund		1,037,366
*	TIAA-CREF	Lifecycle 2015-Retirement Fund		1,226,575
*	TIAA-CREF	Lifecycle 2020-Retirement Fund		2,977,557
*	TIAA-CREF	Lifecycle 2025-Retirement Fund		7,694,577
*	TIAA-CREF	Lifecycle 2030-Retirement Fund		7,806,075
*	TIAA-CREF	Lifecycle 2035-Retirement Fund		5,784,846
*	TIAA-CREF	Lifecycle 2040-Retirement Fund		7,177,153
*	TIAA-CREF	Lifecycle 2045-Retirement Fund		5,945,333
*	TIAA-CREF	Lifecycle 2050-Retirement Fund		2,271,847
*	TIAA-CREF	Lifecycle 2055-Retirement Fund		1,290,826
*	TIAA-CREF	Lifecycle 2060-Retirement Fund		387,687
*	TIAA-CREF	Lifecycle 2065-Retirement Fund		32,095
	Vanguard	Emerging Markets Stock Index Fund		790,527
	Vanguard	Extended Market Index Fund		3,109,534
	Vanguard	Federal Money Market Fund		344,879
	Vanguard	FTSE Social Index Fund		79,977
	Vanguard	Inflation-Protected Securities Fund		890,957

Analytic Services Inc. Defined Contribution Retirement Plan

Schedule H, line 4i—Schedule of Assets (Held at End of Year)—December 31, 2021
 EIN\PN: 54-0695125\003

(a) Party-in- interest	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d)** Cost	(e) Current value
	Vanguard	Institutional Index Fund		7,355,972
	Vanguard	Real Estate Index Fund		260,975
	Vanguard	Total Bond Market Index Fund		602,351
	Vanguard	Total International Stock Index Fund		1,680,048
	Victory	Sycamore Established Value Fund I		647,253
	Victory	Sycamore Small Company Opportunity Fund		1,661,180
Total mutual funds				79,393,870
Total investments per financial statements				177,226,146
*	Total participant loans	(4.25% - 8.50%)	-	410,307
Total investments per Form 5500				\$ 177,636,453

* Represents a party-in-interest as defined by ERISA

** Not required for participant directed investments

Analytic Services Inc. Defined Contribution Retirement Plan

Schedule H, line 4i—Schedule of Assets (Held at End of Year)—December 31, 2021 EIN\PN: 54-0695125\003

(a) Party-in- interest	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par, or maturity value	(d)** Cost	(e) Current value
Fixed annuity contracts:				
*	TIAA	Traditional Annuity Contracts FBR (RCP)	\$	2,938,583
*	TIAA	Traditional Annuity Contracts NFBR (RA, RC, GRA)		36,711,147
*	TIAA	Stable Value Contract		732,888
Total fixed annuity contracts				40,382,618
Pooled separate account-				
*	TIAA	Real Estate Account		5,858,630
Variable annuities:				
*	CREF	Stock R2		28,763,521
*	CREF	Growth R2		8,118,971
*	CREF	Equity Index R2		3,707,843
*	CREF	Global Equities R2		4,183,769
*	CREF	Money Market R2		2,275,209
*	CREF	Core Bond R2		2,315,277
*	CREF	Inflation-Linked Bond R2		1,339,435
*	CREF	Social Choice R2		887,003
Total variable annuities				51,591,028
Mutual funds:				
	American Funds	New Perspective Fund R4		2,355,387
	American Funds	EuroPacific Growth Fund R6		2,270,246
	American Funds	Washington Mutual Investors Fund R5E		4,392,421
	BlackRock	High Yield Bond Institutional		763,366
	JP Morgan	Large Cap Growth Fund R6		2,797,055
	Lord Abbett	Short Duration Income Fund I		187,925
	Mass Mutual	Small Cap Growth Equity Fund I		257,993
	MFS	Mid Cap Growth Fund R6		629,938
	Prudential	Prudential Total Return Bond Z		1,239,267
	T Rowe Price	New Horizons Fund		1,730,540
	T Rowe Price	Capital Appreciation Fund		771,183
*	TIAA-CREF	Lifecycle Retirement Income Fund		942,959
*	TIAA-CREF	Lifecycle 2010-Retirement Fund		1,037,366
*	TIAA-CREF	Lifecycle 2015-Retirement Fund		1,226,575
*	TIAA-CREF	Lifecycle 2020-Retirement Fund		2,977,557
*	TIAA-CREF	Lifecycle 2025-Retirement Fund		7,694,577
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Analytic Services Inc. Defined Contribution Retirement Plan

Schedule H, line 4i—Schedule of Assets (Held at End of Year)—December 31, 2021
 EIN\PN: 54-0695125\003

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