

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 2024 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2024 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024	
A	This return/report is for: ☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.) ☐ a single-employer plan ☒ a DFE (specify) <u>E</u> ☐ 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 ARROWSTREET INTERNATIONAL EQUITY - ACWI EX US FUND
1b	Three-digit plan number (PN) ▶ 003
1c	Effective date of plan
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) ARROWSTREET CAPITAL, LIMITED PARTNERSHIP 200 CLARENDON STREET, 30TH FLOOR BOSTON, MA 02116
2b	Employer Identification Number (EIN) 45-6500555
2c	Plan Sponsor's telephone number 617-919-0000
2d	Business code (see instructions)

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			
	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	Filed with authorized/valid electronic signature.	04/11/2025	ERIC J. FILKINS, AUTHORIZED SIGNER
	Signature of DFE	Date	Enter name of individual signing as DFE

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
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1) 6a(2) 6b 6c 6d 0 6e 6f 6g(1) 6g(2) 6h
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:

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

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

a Pension Schedules

- (1)** ☐ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary
- (4)** ☐ **DCG** (Individual Plan Information) – Number Attached _____
- (5)** ☐ **MEP** (Multiple-Employer Retirement Plan Information)

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☐ **A** (Insurance Information) – Number Attached 0
- (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 2024 Form M-1 annual report. If the plan was not required to file the 2024 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2024
		This Form is Open to Public Inspection.
For calendar plan year 2024 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024		
A Name of plan ARROWSTREET INTERNATIONAL EQUITY - ACWI EX US FUND	B Three-digit plan number (PN) ▶	003
C Plan sponsor's name as shown on line 2a of Form 5500 ARROWSTREET CAPITAL, LIMITED PARTNERSHIP	D Employer Identification Number (EIN) 45-6500555	

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	
ARROWSTREET CAPITAL, LP	200 CLARENDON STREET, 30TH FLOOR BOSTON, MA 02116

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation	
BNY MELLON ASSET SERVICING	500 GRANT STREET PITTSBURGH, PA 15258-0001

(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)

THE BANK OF NEW YORK MELLON

13-5160382

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 18 19 25 49 50 59 65	NONE	1441682	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

ERNST & YOUNG LLP

34-6565596

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
10 49 50	NONE	28973	Yes ☐ No ☒	Yes ☐ No ☐		Yes ☐ No ☐

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

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

Part I Service Provider Information (continued)

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

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

Part II Service Providers Who Fail or Refuse to Provide Information

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

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

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
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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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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, other than DCGs)	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
a	Plan name	ALLEGHENY TECHNOLOGIES INCORPORATED MASTER PENSION TRUST	
b	Name of plan sponsor	ALLEGHENY TECHNOLOGIES INCORPORATED	c EIN-PN 25-6224599-040
a	Plan name	AMERICAN INTERNATIONAL GROUP, INC. RETIREMENT PLAN MASTER TRUST	
b	Name of plan sponsor	AMERICAN INTERNATIONAL GROUP	c EIN-PN 41-2275587-009
a	Plan name	ELEVANCE HEALTH MASTER TRUST	
b	Name of plan sponsor	ATH HOLDING COMPANY, LLC	c EIN-PN 13-6957744-001
a	Plan name	ARIZONA SHEET METAL PENSION TRUST FUND	
b	Name of plan sponsor	BOARD OF TRUSTEES ARIZONA SHEET METAL	c EIN-PN 86-6069718-001
a	Plan name	BLUE CROSS BLUE SHIELD OF MICHIGAN EMPLOYEES' RETIREMENT ACCOUNT PLAN	
b	Name of plan sponsor	BLUE CROSS BLUE SHIELD OF MICHIGAN	c EIN-PN 38-2069753-001
a	Plan name	BLUE CROSS BLUE SHIELD OF MICHIGAN REP EMPL RETIREMENT INCOME PLAN	
b	Name of plan sponsor	BLUE CROSS BLUE SHIELD OF MICHIGAN	c EIN-PN 38-2069753-002
a	Plan name	BRICKLAYERS AND TROWEL TRADES INTERNATIONAL PENSION FUND	
b	Name of plan sponsor	BRICKLAYERS AND TROWEL TRADES INTERNATIONAL PENSION FUND BOT	c EIN-PN 52-6127745-001
a	Plan name	BRICKLAYERS AND TROWEL TRADES INTERNATIONAL RETIREMENT SAVINGS PLAN	
b	Name of plan sponsor	BRICKLAYERS AND TROWEL TRADES INTERNATIONAL RETIREMENT PENSION FUND	c EIN-PN 52-6127746-003
a	Plan name	INTERNATIONAL UNION OF BRICKLAYERS & ALLIED CRAFTWORKERS MASTER TRUST	
b	Name of plan sponsor	INTERNATIONAL UNION OF BRICKLAYERS & ALLIED CRAFTWORKERS	c EIN-PN 53-0038250-004
a	Plan name	CALIFORNIA IRONWORKERS FIELD PENSION TRUST	
b	Name of plan sponsor	CALIFORNIA IRONWORKERS FIELD PENSION TRUST	c EIN-PN 95-6042866-001
a	Plan name	NORTHWEST CARPENTERS RETIREMENT TRUST	
b	Name of plan sponsor	BOARD OF TRUSTEES, NORTHWEST CARPENTERS RETIREMENT PLAN	c EIN-PN 91-6029051-001
a	Plan name	CASH BALANCE PL FOR PTR&SR STAFF EMPL OF SIMPSON THACHER&BARTLETT LLP	
b	Name of plan sponsor	SIMPSON THACHER & BARTLETT LLP	c EIN-PN 45-3833535-052

Part II		Information on Participating Plans (to be completed by DFEs, other than DCGs)	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
a	Plan name	FACTORY MUTUAL INSURANCE COMPANY PENSION PLAN	
b	Name of plan sponsor	FACTORY MUTUAL INSURANCE COMPANY PENSION PLAN	c EIN-PN 05-6035337-001
a	Plan name	GALLO PENSION PLAN FOR NON-UNION EMPLOYEES	
b	Name of plan sponsor	GALLO VINEYARDS, INC.	c EIN-PN 94-1409660-001
a	Plan name	HUNT CONSOLIDATED, INC. FIDELITY PENSION PLAN	
b	Name of plan sponsor	HUNT CONSOLIDATED, INC.	c EIN-PN 75-1727234-001
a	Plan name	IBEW LOCAL 683 PENSION FUND	
b	Name of plan sponsor	IBEW LOCAL 683	c EIN-PN 34-1442087-001
a	Plan name	IBEW LOCAL 952 VENTURA DIV LA COUNTY CHAPTER NECA PENSION TRUST FUND	
b	Name of plan sponsor	IBEW LOCAL 952 VENTURA DIV LA COUNTY CHAPTER NECA PENSION TRUST FUND	c EIN-PN 95-6397996-001
a	Plan name	IBEW LOCAL NO 640 & ARIZONA CHAPTER NECA PENSION TRUST FUND	
b	Name of plan sponsor	BOARD OF TRUSTEES IBEW LOCAL 640	c EIN-PN 86-0323980-001
a	Plan name	JOHN DEERE PENSION TRUST	
b	Name of plan sponsor	DEERE & COMPANY	c EIN-PN 36-2382580-010
a	Plan name	KELLANOVA PENSION PLAN	
b	Name of plan sponsor	KELLANOVA	c EIN-PN 38-0710690-004
a	Plan name	KELLOGG CO BAKERY CONFECTIONERY TOBACCO WKR & GRAIN MILLER PP	
b	Name of plan sponsor	KELLOGG COMPANY	c EIN-PN 38-0710690-005
a	Plan name	LIFESPAN CORPORATION RETIREMENT PLAN	
b	Name of plan sponsor	LIFESPAN CORPORATION	c EIN-PN 90-0099225-001
a	Plan name	LOCAL 191 IBEW MONEY PURCHASE PENSION TRUST	
b	Name of plan sponsor	BOARD OF TRUSTEES, LOCAL 191 IBEW MONEY PURCHASE PLAN	c EIN-PN 91-1176302-002
a	Plan name	LOCAL 703 I.B. OF T. GROCERY & FOOD EMPLOYEES' PENSION PLAN	
b	Name of plan sponsor	BOT OF THE LOCAL 703 I.B. OF T. GROCERY & FOOD EMPL PENSION PLAN	c EIN-PN 36-6491473-001

Part II		Information on Participating Plans (to be completed by DFEs, other than DCGs)	
(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)			
a	Plan name	MAINEHEALTH PENSION PLAN	
b	Name of plan sponsor	MAINE MEDICAL CENTER	c EIN-PN 01-0238552-001
a	Plan name	PENSION PLAN FOR THE OFFICE EMPLOYEES OF THE NEW YORK	
b	Name of plan sponsor	NEW YORK PHILHARMONIC - ORCHESTRA PENSION PLAN	c EIN-PN 13-1664054-001
a	Plan name	PENSION PLAN FOR HOURLY PAID EMPLOYEES OF THE GALLO GLASS COMPANY	
b	Name of plan sponsor	GALLO GLASS COMPANY	c EIN-PN 94-1384142-001
a	Plan name	PIPE TRADES DISTRICT COUNCIL NO. 36 PENSION TRUST FUND	
b	Name of plan sponsor	BOT OF PIPE TRADES DISTRICT COUNCIL NO. 36 PENSION TRUST FUND	c EIN-PN 94-6082956-001
a	Plan name	PUBLIC SERVICE ENTERPRISE GROUP INC. MASTER DEFINED BENEFIT RET TRUST	
b	Name of plan sponsor	PUBLIC SERVICE ENTERPRISE GROUP INCORPORATED	c EIN-PN 22-2625848-001
a	Plan name	RETIREMENT TRUST FOR EMPLOYEES OF SOUTH NASSAU COMMUNITIES HOSPITAL	
b	Name of plan sponsor	SOUTH NASSAU COMMUNITIES HOSPITAL	c EIN-PN 11-1352310-001
a	Plan name	THE NEWSPAPER GUILD INTERNATIONAL PENSION PLAN	
b	Name of plan sponsor	THE NEWSPAPER GUILD INTERNATIONAL PENSION FUND	c EIN-PN 52-1082662-001
a	Plan name	THE QUEEN'S HEALTH SYSTEMS PENSION PLAN	
b	Name of plan sponsor	THE QUEENS HEALTH SYSTEMS	c EIN-PN 99-0238120-001
a	Plan name	THE RETIREMENT BENEFIT TRUST OF THE RR DONNELLEY & SONS CO.	
b	Name of plan sponsor	THE RETIREMENT BENEFIT TRUST OF THE RR DONNELLEY & SONS CO.	c EIN-PN 36-6031950-001
a	Plan name	TEKNOR APEX COMPANY RETIREMENT PLAN	
b	Name of plan sponsor	TEKNOR APEX COMPANY	c EIN-PN 05-0306609-003
a	Plan name	UNITED PARCEL SERVICE, INC. LOCAL 177, IBT MULTI-EMPL RETIREMENT PLAN	
b	Name of plan sponsor	BOARD OF TRUSTEES, UPS LOCAL 177, IBT MULTI-EMPLOYER RETIREMENT PLAN	c EIN-PN 13-1426500-419
a	Plan name	US FOODS, INC. CONSOLIDATED DEFINED BENEFIT RETIREMENT PLAN	
b	Name of plan sponsor	US FOODS, INC.	c EIN-PN 36-3642294-012

Part II Information on Participating Plans (to be completed by DFEs, other than DCGs)

(Complete as many entries as needed to report all participating plans. DCGs must report each participating plan using Schedule DCG.)

a Plan name UNIVERSITY HEALTH SYSTEM PENSION PLAN**b** Name of plan sponsor UNIVERSITY HEALTH SYSTEM**c** EIN-PN 74-2872339-001**a** Plan name WESTERN CONFERENCE OF TEAMSTERS PENSION PLAN**b** Name of plan sponsor WESTERN CONFERENCE OF TEAMSTERS PENSION TRUST FUND BOARD OF TRUSTEE**c** EIN-PN 91-6145047-001**a** Plan name WESTERN WASHINGTON LABORERS-EMPLOYERS PENSION TRUST**b** Name of plan sponsor BOT WESTERN WASHINGTON LABORERS EMPLOYEE PENSION TRUST FUND**c** EIN-PN 91-6022315-001**a** Plan name XPO LOGISTICS RETIREMENT MASTER TRUST**b** Name of plan sponsor XPO CNW INC.**c** EIN-PN 94-1444798-005**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN**a** Plan name**b** Name of plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2024
		This Form is Open to Public Inspection

For calendar plan year 2024 or fiscal plan year beginning 07/01/2023 and ending 06/30/2024

A Name of plan ARROWSTREET INTERNATIONAL EQUITY - ACWI EX US FUND	B Three-digit plan number (PN) ▶ 003
C Plan sponsor's name as shown on line 2a of Form 5500 ARROWSTREET CAPITAL, LIMITED PARTNERSHIP	D Employer Identification Number (EIN) 45-6500555

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	14573606	12993839
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions.....	1b(2)		
(3) Other	1b(3)	608274085	300367271
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)	122324472	131593898
(B) Common	1c(4)(B)	3984368005	3191803523
(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)		
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	172588388	0
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities.....	1d(1)		
(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	4902128556	3636758531
Liabilities			
g Benefit claims payable.....	1g		
h Operating payables.....	1h		
i Acquisition indebtedness.....	1i		
j Other liabilities.....	1j	598918700	278343666
k Total liabilities (add all amounts in lines 1g through 1j).....	1k	598918700	278343666
Net Assets			
l Net assets (subtract line 1k from line 1f).....	1l	4303209856	3358414865

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)		
(B) Participants.....	2a(1)(B)		
(C) Others (including rollovers).....	2a(1)(C)		
(2) Noncash contributions.....	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B), (C), and line 2a(2)	2a(3)		0
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit).....	2b(1)(A)	1327273	
(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)		
(F) Other.....	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)		1327273
(2) Dividends: (A) Preferred stock.....	2b(2)(A)	14439475	
(B) Common stock.....	2b(2)(B)	151040814	
(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	14644759	
(D) Total dividends. Add lines 2b(2)(A) , (B), and (C).....	2b(2)(D)		180125048
(3) Rents.....	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds.....	2b(4)(A)	1727772693	
(B) Aggregate carrying amount (see instructions).....	2b(4)(B)	1586480182	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result.....	2b(4)(C)		141292511
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate.....	2b(5)(A)		
(B) Other.....	2b(5)(B)	359073841	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B).....	2b(5)(C)		

		(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)		
(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)		-4718870
c Other income	2c		39262606
d Total income. Add all income amounts in column (b) and enter total	2d		716362409

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)		
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		0
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		4986200
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Recordkeeping fees	2i(3)		
(4) IQPA audit fees	2i(4)	30132	
(5) Investment advisory and investment management fees	2i(5)		
(6) Bank or trust company trustee/custodial fees	2i(6)	1687646	
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)	2423	
(9) Valuation/appraisal fees	2i(9)	43203	
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)	146469	
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		1909873
j Total expenses. Add all expense amounts in column (b) and enter total	2j		6896073

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		709466336
l Transfers of assets:			
(1) To this plan	2l(1)		315960487
(2) From this plan	2l(2)		1970221814

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: **ERNST & YOUNG LLP**

(2) EIN: **34-6565596**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) ☐ This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

During the plan year:

	Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)			
4a			
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)		X	
4b			
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
4c			
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)		X	
4d			
e Was this plan covered by a fidelity bond?			
4e			
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?			
4f			
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			
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			
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			
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			
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			
l Has the plan failed to provide any benefit when due under the plan?			
4l			
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)			
4m			
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 _____.

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A Commodity Futures Trading Commission Rule 4.7 exemption has been filed with respect to each of the Investment Funds of the Arrowstreet US Group Trust.

Arrowstreet US Group Trust

To the best of the knowledge and belief of the undersigned, the information contained herein is accurate and complete.

A handwritten signature in black ink, reading "Anthony W. Ryan". The signature is written in a cursive, flowing style. The first letter "A" is large and loops around. The "W" is formed with several connected strokes. The "R" is tall and has a long, horizontal tail that extends to the right. Below the signature is a solid horizontal line.

Anthony W. Ryan as authorized signatory of Arrowstreet Capital, Limited Partnership,
the commodity pool operator of the Arrowstreet US Group Trust.

Report of Independent Auditors

To the Unit Holders of Arrowstreet US Group Trust:

Opinion

We have audited the financial statements of Arrowstreet International Equity – ACWI ex US Fund (the “ACWI ex US Fund”), Arrowstreet International Equity – Alpha Extension Fund, Arrowstreet International Equity – EAFE Alpha Extension Fund and Arrowstreet Global Equity – Alpha Extension Fund (the “Funds”), each a Fund of Arrowstreet US Group Trust, which comprise the statements of assets and liabilities, including the condensed schedules of investments, as of June 30, 2024, and the related statements of operations, changes in net assets and cash flows (except for the ACWI ex US Fund) and the financial highlights for the year then ended, and the related notes (collectively referred to as the “financial statements”).

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Funds at June 30, 2024, and the results of their operations, changes in their net assets and their cash flows (except for the ACWI ex US Fund) and their financial highlights for the year then ended in accordance with accounting principles generally accepted in the United States of America.

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 Funds 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 audit opinion.

Responsibilities of Management for the Financial Statements

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

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

Auditor’s Responsibility for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free of 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 and misrepresentation, 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 disclosure 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 Fund'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 Fund's ability to continue as a going concern for a reasonable period of time.

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

Ernst & Young LLP

September 10, 2024

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
STATEMENT OF ASSETS AND LIABILITIES
June 30, 2024

Assets

Investments in securities, at fair value (cost \$3,070,475,807)	\$ 3,323,397,421
Foreign cash, at fair value (cost \$13,042,294)	12,993,839
Deposits for collateral	38,330,000
Due from brokers	955
Unrealized gain on forward foreign currency contracts	218,134,146
Receivable for investments sold	5,866,838
Tax reclaims receivable	23,485,548
Dividends and interest receivable	14,549,784
Total assets	<u>3,636,758,531</u>

Liabilities

Cash overdraft	1,977,642
Due to brokers	6,430,000
Unrealized loss on forward foreign currency contracts	252,566,919
Withdrawals payable	1,500,000
Payable for investments purchased	14,247,175
Payable to affiliate	155,590
Accrued expenses and other liabilities	1,466,340
Total liabilities	<u>278,343,666</u>

Net assets	<u>\$ 3,358,414,865</u>
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Units outstanding	11,914,218
Net asset value per unit	<u>\$ 281.88</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
STATEMENT OF OPERATIONS
For the year ended June 30, 2024

Investment income

Dividends (net of withholding taxes of \$16,622,199)	\$ 180,125,048
Interest income	<u>1,327,273</u>
Total investment income	<u>181,452,321</u>

Expenses

Interest expense	4,986,200
Trustee fees	1,687,646
Depository receipt fees	125,437
Audit fees	30,132
Insurance expense	20,873
Other fees and expenses	<u>45,785</u>
Total expenses	<u>6,896,073</u>

Net investment income	<u>174,556,248</u>
-----------------------	--------------------

Net realized and unrealized gain/(loss)

Net realized gain/(loss)

Investments in securities*	309,464,735
Forward foreign currency contracts**	200,201,176
Futures contracts	2,604,428
Foreign currency transactions	<u>(2,215,173)</u>
Net realized gain	<u>510,055,166</u>

Net increase/(decrease) in unrealized gain/loss

Investments in securities	186,182,747
Forward foreign currency contracts	(161,159,328)
Foreign currency transactions	<u>(168,497)</u>
Net increase in unrealized gain/loss	<u>24,854,922</u>

Net realized and unrealized gain/(loss)	<u>534,910,088</u>
---	--------------------

Net increase in net assets resulting from operations	<u><u>\$ 709,466,336</u></u>
--	------------------------------

* Includes \$55,588,934 of net realized gain from in-kind withdrawals.

** Includes \$1,422,608 of net realized gain from in-kind withdrawals.

Brokerage commissions of \$1,359,838 were paid during the year ended June 30, 2024.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
STATEMENT OF CHANGES IN NET ASSETS
For the year ended June 30, 2024

Increase/(decrease) in net assets from operations

Net investment income	\$ 174,556,248
Net realized gain	510,055,166
Net increase in unrealized gain/loss	<u>24,854,922</u>
Net increase in net assets resulting from operations	<u>709,466,336</u>

Increase/(decrease) in net assets from unit transactions

Additions (1,249,672 units)	315,000,000
Withdrawals (7,689,561 units)	(1,970,221,814)
Net addition/withdrawal fees	<u>960,487</u>
Net decrease resulting from unit transactions	<u>(1,654,261,327)</u>
Net decrease in net assets	<u>(944,794,991)</u>

Net assets

Beginning of year	<u>4,303,209,856</u>
End of year	<u>\$ 3,358,414,865</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF ASSETS AND LIABILITIES
June 30, 2024

Assets

Investments in securities, at fair value including \$1,353,607 of securities on loan (cost \$1,896,571,890)	\$ 2,051,254,387
Cash	31,135
Foreign cash, at fair value (cost \$2,420,684)	2,412,462
Deposits for collateral	46,528,161
Due from brokers	11,428,550
Unrealized gain on forward foreign currency contracts*	96,434,682
Unrealized gain on futures contracts	46,624
Receivable for investments sold	10,461,929
Tax reclaims receivable	5,102,226
Dividends and interest receivable	7,037,425
Total assets	<u>2,230,737,581</u>

Liabilities

Securities sold short, at fair value (proceeds \$622,201,258)	474,351,873
Collateral for securities loaned	1,372,749
Due to brokers	2,868,813
Unrealized loss on forward foreign currency contracts*	117,303,683
Unrealized loss on futures contracts	2,700,000
Payable for investments purchased	23,483,342
Dividends and interest payable	662,521
Payable to affiliate	57,987
Accrued expenses and other liabilities	171,313
Total liabilities	<u>622,972,281</u>

Net assets	\$ <u>1,607,765,300</u>
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Units outstanding	6,143,961
Net asset value per unit	\$ 261.68

* Includes a net basis of \$2,961,494 related to in-kind additions.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF OPERATIONS
For the year ended June 30, 2024

Investment income

Dividends (net of withholding taxes of \$8,989,440)	\$ 89,160,363
Interest income	2,680,013
Securities lending income	2,317
Total investment income	<u>91,842,693</u>

Expenses

Dividends on securities sold short	4,358,365
Interest expense	8,233,990
Trustee fees	656,001
Prime broker fees	208,559
Depository receipt fees	178,935
Audit fees	30,132
Insurance expense	8,356
Other fees and expenses	106,191
Total expenses	<u>13,780,529</u>

Net investment income	<u>78,062,164</u>
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Net realized and unrealized gain/(loss)

Net realized gain/(loss)

Investments in securities	33,387,019
Forward foreign currency contracts	19,552,504
Futures contracts	48,049,371
Foreign currency transactions	(1,724,288)
Net realized gain	<u>99,264,606</u>

Net increase/(decrease) in unrealized gain/loss

Investments in securities (net of decrease in accrued capital gains taxes of \$34)	196,498,641
Forward foreign currency contracts	(18,167,361)
Futures contracts	(7,808,176)
Foreign currency transactions	(111,252)
Net increase in unrealized gain/loss	<u>170,411,852</u>

Net realized and unrealized gain/(loss)	<u>269,676,458</u>
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Net increase in net assets resulting from operations	<u>\$ 347,738,622</u>
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Brokerage commissions of \$980,052 were paid during the year ended June 30, 2024.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF CHANGES IN NET ASSETS
For the year ended June 30, 2024

Increase/(decrease) in net assets from operations

Net investment income	\$ 78,062,164
Net realized gain	99,264,606
Net increase in unrealized gain/loss	<u>170,411,852</u>
Net increase in net assets resulting from operations	<u>347,738,622</u>

Increase/(decrease) in net assets from unit transactions

Additions (1,389,128 units)	295,130,436
Withdrawals (2,322,590 units)	(538,000,000)
Net addition/withdrawal fees	<u>181,662</u>
Net decrease resulting from unit transactions	<u>(242,687,902)</u>
Net increase in net assets	<u>105,050,720</u>

Net assets

Beginning of year	<u>1,502,714,580</u>
End of year	<u>\$ 1,607,765,300</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF CASH FLOWS
For the year ended June 30, 2024

Cash flows from operating activities

Net increase in net assets resulting from operations	\$ 347,738,622
Adjustments to reconcile net increase in net assets resulting from operations to net cash provided by operating activities	
Change in due from brokers	797,508
Change in income receivables and other assets	(1,713,753)
Change in collateral for securities loaned	1,013,060
Change in due to brokers	(16,482,800)
Change in accrued expenses and other liabilities	8,228,598
Cost of investments in securities purchased	(1,781,181,721)
Proceeds from sales of investments in securities	2,081,532,026
Net purchases of short-term investment funds	(802,124)
Payments to cover securities sold short	(444,581,220)
Proceeds from securities sold short	550,276,421
Net realized (gain)/loss on investments in securities	(33,387,019)
Net (increase)/decrease in unrealized gain/loss on investments in securities	(196,498,641)
Net (increase)/decrease in unrealized gain/loss on forward foreign currency contracts*	21,558,670
Net (increase)/decrease in unrealized gain/loss on futures contracts	7,808,176
Net cash provided by operating activities	<u>544,305,803</u>

Cash flows from financing activities

Proceeds from additions	2,909,475
Payments for withdrawals	(538,000,000)
Net addition/withdrawal fees	181,662
Net cash used in financing activities	<u>(534,908,863)</u>

Net increase in cash and restricted cash	9,396,940
Cash and restricted cash, beginning of year	39,574,818
Cash and restricted cash, end of year	<u><u>\$ 48,971,758</u></u>

Supplemental disclosure of cash flow information

Non-cash financing activities for in-kind additions	\$ 292,220,961
Cash paid for interest expense	\$ 8,279,744
Cash paid for dividends on securities sold short	\$ 4,061,743

Supplemental disclosure of Statement of Assets and Liabilities cash and restricted cash

	June 30,	
	<u>2024</u>	<u>2023</u>
Cash	\$ 31,135	\$ 47
Foreign cash	2,412,462	1,499,948
Deposits for collateral	46,528,161	38,074,823
Total cash and restricted cash as shown on the Statement of Cash Flows	<u><u>\$ 48,971,758</u></u>	<u><u>\$ 39,574,818</u></u>

* Excludes \$(3,391,309) related to in-kind additions.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
STATEMENT OF ASSETS AND LIABILITIES
June 30, 2024

Assets

Investments in securities, at fair value (cost \$1,067,804,433)	\$ 1,206,258,820
Cash	176
Foreign cash, at fair value (cost \$1,486,928)	1,484,085
Deposits for collateral	23,087,171
Due from brokers	8,196,622
Unrealized gain on forward foreign currency contracts	28,085,358
Receivable for investments sold	5,164,792
Tax reclaims receivable	3,840,252
Dividends and interest receivable	2,428,274
Total assets	<u>1,278,545,550</u>

Liabilities

Securities sold short, at fair value (proceeds \$361,819,122)	281,273,299
Due to brokers	70,000
Unrealized loss on forward foreign currency contracts	39,061,598
Unrealized loss on futures contracts	1,613,800
Withdrawals payable	2,600,000
Payable for investments purchased	11,276,670
Dividends and interest payable	608,507
Payable to affiliate	21,642
Accrued expenses and other liabilities	442,797
Total liabilities	<u>336,968,313</u>
Net assets	<u>\$ 941,577,237</u>
Units outstanding	3,570,557
Net asset value per unit	\$ 263.71

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
STATEMENT OF OPERATIONS
For the year ended June 30, 2024

Investment income

Dividends (net of withholding taxes of \$4,742,561)	\$ 40,811,399
Interest income	1,023,532
Securities lending income	2,149
Total investment income	<u>41,837,080</u>

Expenses

Dividends on securities sold short	1,680,580
Interest expense	5,352,834
Trustee fees	567,992
Prime broker fees	84,596
Depository receipt fees	96,840
Audit fees	30,132
Insurance expense	2,672
Other fees and expenses	91,958
Total expenses	<u>7,907,604</u>

Net investment income	<u>33,929,476</u>
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Net realized and unrealized gain/(loss)

Net realized gain/(loss)

Investments in securities	57,061,485
Forward foreign currency contracts	11,067,250
Futures contracts	26,116,865
Foreign currency transactions	(300,549)
Net realized gain	<u>93,945,051</u>

Net increase/(decrease) in unrealized gain/loss

Investments in securities (net of decrease in accrued capital gains taxes of \$5,566)	77,075,753
Forward foreign currency contracts	(14,729,192)
Futures contracts	(2,956,828)
Foreign currency transactions	(154,019)
Net increase in unrealized gain/loss	<u>59,235,714</u>

Net realized and unrealized gain/(loss)	<u>153,180,765</u>
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Net increase in net assets resulting from operations	<u>\$ 187,110,241</u>
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Brokerage commissions of \$460,696 were paid during the year ended June 30, 2024.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
STATEMENT OF CHANGES IN NET ASSETS
For the year ended June 30, 2024

Increase/(decrease) in net assets from operations

Net investment income	\$ 33,929,476
Net realized gain	93,945,051
Net increase in unrealized gain/loss	<u>59,235,714</u>
Net increase in net assets resulting from operations	<u>187,110,241</u>

Increase/(decrease) in net assets from unit transactions

Withdrawals (483,127 units)	<u>(104,400,000)</u>
Net decrease resulting from unit transactions	<u>(104,400,000)</u>
Net increase in net assets	<u>82,710,241</u>

Net assets

Beginning of year	<u>858,866,996</u>
End of year	<u>\$ 941,577,237</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
STATEMENT OF CASH FLOWS
For the year ended June 30, 2024

Cash flows from operating activities

Net increase in net assets resulting from operations	\$ 187,110,241
Adjustments to reconcile net increase in net assets resulting from operations to net cash provided by operating activities	
Change in due from brokers	244,734
Change in income receivables and other assets	65,234,170
Change in due to brokers	(16,782,738)
Change in accrued expenses and other liabilities	9,553,231
Cost of investments in securities purchased	(889,705,108)
Proceeds from sales of investments in securities	916,249,409
Net sales of short-term investment funds	809,003
Payments to cover securities sold short	(237,545,164)
Proceeds from securities sold short	252,460,461
Net realized (gain)/loss on investments in securities	(57,061,485)
Net (increase)/decrease in unrealized gain/loss on investments in securities	(77,075,753)
Net (increase)/decrease in unrealized gain/loss on forward foreign currency contracts	14,729,192
Net (increase)/decrease in unrealized gain/loss on futures contracts	2,956,828
Net cash provided by operating activities	<u>171,177,021</u>

Cash flows from financing activities

Payments for withdrawals	<u>(174,600,000)</u>
Net cash used in financing activities	<u>(174,600,000)</u>

Net decrease in cash and restricted cash	(3,422,979)
Cash and restricted cash, beginning of year	<u>27,994,411</u>
Cash and restricted cash, end of year	<u><u>\$ 24,571,432</u></u>

Supplemental disclosure of cash flow information

Cash paid for interest expense	\$ 5,304,830
Cash paid for dividends on securities sold short	\$ 1,375,963

Supplemental disclosure of Statement of Assets and Liabilities cash and restricted cash

	June 30,	
	<u>2024</u>	<u>2023</u>
Cash	\$ 176	\$ 41
Foreign cash	1,484,085	759,661
Deposits for collateral	<u>23,087,171</u>	<u>27,234,709</u>
Total cash and restricted cash as shown on the Statement of Cash Flows	<u><u>\$ 24,571,432</u></u>	<u><u>\$ 27,994,411</u></u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF ASSETS AND LIABILITIES
June 30, 2024

Assets

Investments in securities, at fair value including \$30,827,954 of securities on loan (cost \$16,495,723,135)	\$ 19,483,304,421
Foreign cash, at fair value (cost \$18,717,944)	18,683,436
Deposits for collateral	300,709,739
Due from brokers	99,191,632
Unrealized gain on forward foreign currency contracts	486,607,946
Unrealized gain on futures contracts	1,545,505
Receivable for investments sold	71,957,422
Tax reclaims receivable	9,981,140
Dividends and interest receivable	28,531,476
Total assets	<u>20,500,512,717</u>

Liabilities

Securities sold short, at fair value (proceeds \$5,561,653,931)	4,560,444,331
Collateral for securities loaned	31,248,805
Cash overdraft	64,804
Due to brokers	18,308,633
Unrealized loss on forward foreign currency contracts	577,730,328
Unrealized loss on futures contracts	11,015,116
Payable for investments purchased	94,414,658
Dividends and interest payable	3,946,791
Payable to affiliate	337,727
Accrued expenses and other liabilities	1,800,618
Total liabilities	<u>5,299,311,811</u>

Net assets	\$ <u>15,201,200,906</u>
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Units outstanding	20,961,921
Net asset value per unit	<u>\$ 725.18</u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF OPERATIONS
For the year ended June 30, 2024

Investment income

Dividends (net of withholding taxes of \$41,520,544)	\$ 450,435,286
Interest income	14,825,572
Securities lending income	7,828
Total investment income	<u>465,268,686</u>

Expenses

Dividends on securities sold short	21,288,022
Interest expense	33,304,361
Trustee fees	3,760,248
Prime broker fees	331,889
Depository receipt fees	395,482
Audit fees	30,132
Insurance expense	38,723
Other fees and expenses	275,984
Total expenses	<u>59,424,841</u>

Net investment income	<u>405,843,845</u>
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Net realized and unrealized gain/(loss)

Net realized gain/(loss)

Investments in securities	664,865,805
Forward foreign currency contracts	271,551,666
Futures contracts	462,396,828
Foreign currency transactions	(5,829,553)
Net realized gain	<u>1,392,984,746</u>

Net increase/(decrease) in unrealized gain/loss

Investments in securities	2,090,962,700
Forward foreign currency contracts	(177,209,095)
Futures contracts	(53,950,949)
Foreign currency transactions	(988,141)
Net increase in unrealized gain/loss	<u>1,858,814,515</u>

Net realized and unrealized gain/(loss)	<u>3,251,799,261</u>
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Net increase in net assets resulting from operations	<u>\$ 3,657,643,106</u>
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Brokerage commissions of \$5,385,584 were paid during the year ended June 30, 2024.

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF CHANGES IN NET ASSETS
For the year ended June 30, 2024

Increase/(decrease) in net assets from operations

Net investment income	\$ 405,843,845
Net realized gain	1,392,984,746
Net increase in unrealized gain/loss	<u>1,858,814,515</u>
Net increase in net assets resulting from operations	<u>3,657,643,106</u>

Increase/(decrease) in net assets from unit transactions

Additions (857,691 units)	507,541,799
Withdrawals (1,460,618 units)	<u>(865,000,000)</u>
Net decrease resulting from unit transactions	<u>(357,458,201)</u>
Net increase in net assets	<u>3,300,184,905</u>

Net assets

Beginning of year	<u>11,901,016,001</u>
End of year	<u><u>\$ 15,201,200,906</u></u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
STATEMENT OF CASH FLOWS
For the year ended June 30, 2024

Cash flows from operating activities

Net increase in net assets resulting from operations	\$ 3,657,643,106
Adjustments to reconcile net increase in net assets resulting from operations to net cash provided by operating activities	
Change in due from brokers	31,308,040
Change in income receivables and other assets	45,148,114
Change in collateral for securities loaned	18,653,185
Change in due to brokers	(185,457,410)
Change in accrued expenses and other liabilities	(55,628,282)
Cost of investments in securities purchased	(13,597,969,559)
Proceeds from sales of investments in securities	12,510,337,883
Net purchases of short-term investment funds	(39,850,574)
Payments to cover securities sold short	(3,983,603,347)
Proceeds from securities sold short	4,844,023,852
Net realized (gain)/loss on investments in securities	(664,865,805)
Net (increase)/decrease in unrealized gain/loss on investments in securities	(2,090,962,700)
Net (increase)/decrease in unrealized gain/loss on forward foreign currency contracts	177,209,095
Net (increase)/decrease in unrealized gain/loss on futures contracts	53,950,949
Net cash provided by operating activities	<u>719,936,547</u>

Cash flows from financing activities

Change in cash overdraft	64,804
Proceeds from additions	173,886,092
Payments for withdrawals	(865,000,000)
Net cash used in financing activities	<u>(691,049,104)</u>

Net increase in cash and restricted cash	28,887,443
Cash and restricted cash, beginning of year	290,505,732
Cash and restricted cash, end of year	<u><u>\$ 319,393,175</u></u>

Supplemental disclosure of cash flow information

Non-cash financing activities for in-kind additions	\$ 333,655,707
Cash paid for interest expense	\$ 33,357,367
Cash paid for dividends on securities sold short	\$ 20,833,914

Supplemental disclosure of Statement of Assets and Liabilities cash and restricted cash

	June 30,	
	2024	2023
Cash	\$ -	\$ 1,084
Foreign cash	18,683,436	5,176,701
Deposits for collateral	300,709,739	285,327,947
Total cash and restricted cash as shown on the Statement of Cash Flows	<u><u>\$ 319,393,175</u></u>	<u><u>\$ 290,505,732</u></u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
FINANCIAL HIGHLIGHTS
For the year ended June 30, 2024

The following summarizes the Investment Fund's financial highlights for the year ended June 30, 2024.

Net asset value per unit, beginning of year	\$ 234.45
Net increase/(decrease) in net assets resulting from ⁽¹⁾ :	
Net realized and unrealized gain/(loss)	36.30
Net investment income	11.07
Net addition/withdrawal fees	0.06
Net asset value per unit, end of year	<u>\$ 281.88</u>
Total return ⁽²⁾:	
Total cumulative return since inception	<u>181.88%</u>
For the year ended June 30, 2024	<u>20.23%</u>
Ratios to average net assets ⁽³⁾:	
Investment income	<u>4.55%</u>
Operating expenses	0.05%
Interest expense	<u>0.13%</u>
Total expenses	<u>0.18%</u>
Net investment income	<u>4.37%</u>

1. Per unit amounts are calculated using average units outstanding for the year.
2. Total cumulative return represents return from inception through June 30, 2024 and is not annualized. The total return is calculated for unitholders taken as a whole. An individual unitholder's return may vary from these returns based upon the timing of capital transactions.
3. The investment income, expense and net investment income ratios are calculated for unitholders taken as a whole. The income and expense assessed to an individual unitholder's capital may vary from these ratios based upon the timing of capital transactions.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
FINANCIAL HIGHLIGHTS
For the year ended June 30, 2024

The following summarizes the Investment Fund's financial highlights for the year ended June 30, 2024.

Net asset value per unit, beginning of year	\$ 212.33
Net increase/(decrease) in net assets resulting from ⁽¹⁾ :	
Net realized and unrealized gain/(loss)	38.68
Net investment income	10.65
Net addition/withdrawal fees	0.02
Net asset value per unit, end of year	<u>\$ 261.68</u>
Total return ⁽²⁾:	
Total cumulative return since inception	<u>161.68%</u>
For the year ended June 30, 2024	<u>23.24%</u>
Ratios to average net assets ⁽³⁾:	
Investment income	<u>5.44%</u>
Operating expenses	0.07%
Interest expense	0.49%
Dividends on securities sold short	<u>0.26%</u>
Total expenses	<u>0.82%</u>
Net investment income	<u>4.62%</u>

1. Per unit amounts are calculated using average units outstanding for the year.
2. Total cumulative return represents return from inception through June 30, 2024 and is not annualized. The total return is calculated for unitholders taken as a whole. An individual unitholder's return may vary from these returns based upon the timing of capital transactions.
3. The investment income, expense and net investment income ratios are calculated for unitholders taken as a whole. The income and expense assessed to an individual unitholder's capital may vary from these ratios based upon the timing of capital transactions.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
FINANCIAL HIGHLIGHTS
For the year ended June 30, 2024

The following summarizes the Investment Fund's financial highlights for the year ended June 30, 2024.

Net asset value per unit, beginning of year	\$ 211.87
Net increase/(decrease) in net assets resulting from ⁽¹⁾ :	
Net realized and unrealized gain/(loss)	42.57
Net investment income	9.27
Net asset value per unit, end of year	<u>\$ 263.71</u>
Total return ⁽²⁾:	
Total cumulative return since inception	<u>163.71%</u>
For the year ended June 30, 2024	<u>24.47%</u>
Ratios to average net assets ⁽³⁾:	
Investment income	<u>4.84%</u>
Operating expenses	0.10%
Interest expense	0.62%
Dividends on securities sold short	<u>0.19%</u>
Total expenses	<u>0.91%</u>
Net investment income	<u>3.93%</u>

1. Per unit amounts are calculated using average units outstanding for the year.
2. Total cumulative return represents return from inception through June 30, 2024 and is not annualized. The total return is calculated for unitholders taken as a whole. An individual unitholder's return may vary from these returns based upon the timing of capital transactions.
3. The investment income, expense and net investment income ratios are calculated for unitholders taken as a whole. The income and expense assessed to an individual unitholder's capital may vary from these ratios based upon the timing of capital transactions.

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
FINANCIAL HIGHLIGHTS
For the year ended June 30, 2024

The following summarizes the Investment Fund's financial highlights for the year ended June 30, 2024.

Net asset value per unit, beginning of year	\$ 551.87
Net increase/(decrease) in net assets resulting from ⁽¹⁾ :	
Net realized and unrealized gain/(loss)	154.23
Net investment income	19.08
Net asset value per unit, end of year	<u>\$ 725.18</u>
Total return ⁽²⁾:	
Total cumulative return since inception	<u>625.18%</u>
For the year ended June 30, 2024	<u>31.40%</u>
Ratios to average net assets ⁽³⁾:	
Investment income	<u>3.50%</u>
Operating expenses	0.04%
Interest expense	0.25%
Dividends on securities sold short	<u>0.16%</u>
Total expenses	<u>0.45%</u>
Net investment income	<u>3.05%</u>

1. Per unit amounts are calculated using average units outstanding for the year.
2. Total cumulative return represents return from inception through June 30, 2024 and is not annualized. The total return is calculated for unitholders taken as a whole. An individual unitholder's return may vary from these returns based upon the timing of capital transactions.
3. The investment income, expense and net investment income ratios are calculated for unitholders taken as a whole. The income and expense assessed to an individual unitholder's capital may vary from these ratios based upon the timing of capital transactions.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value		
Common Stocks		
Australia		
Communication Services	0.00 % \$	65,153
Consumer Discretionary	0.07	2,396,114
Energy	0.03	910,166
Total Australia (cost \$3,177,133)	<u>0.10</u>	<u>3,371,433</u>
Austria		
Energy	0.02	781,124
Financials	0.10	3,441,162
Materials	0.02	400,566
Total Austria (cost \$4,193,499)	<u>0.14</u>	<u>4,622,852</u>
Belgium		
Communication Services	0.08	2,492,453
Materials	0.00	94,987
Total Belgium (cost \$5,801,895)	<u>0.08</u>	<u>2,587,440</u>
Bermuda		
Consumer Discretionary	0.01	247,533
Energy	0.15	5,148,437
Financials	0.69	23,203,057
Industrials	0.11	3,746,513
Information Technology	0.01	225,177
Total Bermuda (cost \$35,910,817)	<u>0.97</u>	<u>32,570,717</u>
Brazil		
Consumer Discretionary	0.15	5,126,378
Consumer Staples	0.01	299,851
Energy	1.19	39,859,503
Financials	1.00	33,802,158
Materials	0.09	2,932,862
Total Brazil (cost \$77,037,010)	<u>2.44</u>	<u>82,020,752</u>
Canada		
Communication Services	0.16	5,248,370
Consumer Discretionary	0.09	3,124,532
Consumer Staples	0.01	493,237
Energy	0.75	25,211,905
Financials	0.57	19,001,135
Industrials	0.21	7,133,854
Information Technology	1.06	35,695,633

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Canada (continued)		
Materials	1.63 % \$	54,754,409
Utilities	<u>0.02</u>	<u>573,276</u>
Total Canada (cost \$145,508,626)	<u>4.50</u>	<u>151,236,351</u>
Cayman Islands		
Communication Services	0.10	3,333,598
Consumer Discretionary	0.47	15,866,736
Consumer Staples	0.02	655,603
Healthcare	0.04	1,328,627
Industrials	0.30	10,053,537
Information Technology	0.09	3,181,595
Materials	<u>0.15</u>	<u>4,901,283</u>
Total Cayman Islands (cost \$38,793,974)	<u>1.17</u>	<u>39,320,979</u>
Chile		
Communication Services	0.00	55,768
Consumer Discretionary	0.01	338,417
Consumer Staples	0.04	1,319,402
Financials	0.06	1,773,599
Industrials	0.05	1,702,468
Materials	0.00	64,312
Utilities	<u>0.04</u>	<u>1,295,991</u>
Total Chile (cost \$7,002,518)	<u>0.20</u>	<u>6,549,957</u>
China		
Communication Services	0.18	6,073,085
Consumer Discretionary	1.62	54,459,645
Energy	4.44	149,145,999
Financials	5.89	197,650,728
Industrials	1.03	34,630,459
Information Technology	0.47	15,787,643
Materials	<u>1.71</u>	<u>57,363,497</u>
Total China (cost \$449,547,813)	<u>15.34</u>	<u>515,111,056</u>
Denmark		
Consumer Discretionary	0.04	1,337,399
Financials	0.03	1,001,729
Healthcare	1.46	49,061,840
Industrials	<u>0.11</u>	<u>3,521,242</u>
Total Denmark (cost \$27,447,297)	<u>1.64</u>	<u>54,922,210</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Egypt		
Financials	0.01 %	\$ 221,246
Total Egypt (cost \$198,358)	<u>0.01</u>	<u>221,246</u>
Finland		
Consumer Discretionary	0.00	88,311
Financials	0.65	21,854,441
Industrials	0.10	3,148,047
Total Finland (cost \$25,229,187)	<u>0.75</u>	<u>25,090,799</u>
France		
Energy	0.39	12,964,129
Financials	0.62	20,768,360
Healthcare	0.03	857,225
Industrials	0.00	60,348
Information Technology	0.56	18,850,899
Utilities	0.18	6,214,683
Total France (cost \$72,250,108)	<u>1.78</u>	<u>59,715,644</u>
Germany		
Communication Services	0.39	13,216,193
Consumer Discretionary	0.27	9,048,777
Consumer Staples	0.04	1,382,776
Financials	1.90	63,663,065
Healthcare	0.14	4,610,776
Industrials	0.78	26,328,823
Information Technology	0.63	21,170,208
Materials	0.03	1,105,117
Utilities	0.20	6,571,222
Total Germany (cost \$134,532,418)	<u>4.38</u>	<u>147,096,957</u>
Greece		
Communication Services	0.09	3,212,999
Consumer Discretionary	0.01	231,073
Energy	0.03	910,191
Financials	0.06	2,096,129
Industrials	0.15	5,090,520
Total Greece (cost \$9,488,226)	<u>0.34</u>	<u>11,540,912</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Hong Kong		
Financials	0.01 % \$	291,955
Industrials	0.07	2,564,409
Information Technology	0.05	1,629,084
Materials	0.04	1,330,750
Total Hong Kong (cost \$5,101,371)	<u>0.17</u>	<u>5,816,198</u>
Hungary		
Communication Services	0.00	60,855
Energy	0.01	284,156
Financials	0.04	1,255,596
Total Hungary (cost \$1,334,819)	<u>0.05</u>	<u>1,600,607</u>
Indonesia		
Energy	0.02	533,252
Total Indonesia (cost \$604,831)	<u>0.02</u>	<u>533,252</u>
Ireland		
Financials	0.09	3,109,826
Total Ireland (cost \$3,195,028)	<u>0.09</u>	<u>3,109,826</u>
Israel		
Energy	0.03	801,265
Financials	0.21	7,128,002
Information Technology	0.15	4,966,557
Materials	0.00	114,897
Total Israel (cost \$14,012,101)	<u>0.39</u>	<u>13,010,721</u>
Italy		
Consumer Discretionary	0.01	321,213
Energy	0.25	8,435,576
Financials	4.60	154,428,031
Industrials	0.15	5,157,730
Total Italy (cost \$110,666,962)	<u>5.01</u>	<u>168,342,550</u>
Japan		
Communication Services	0.06	1,965,997
Consumer Discretionary	2.18	73,325,485
Consumer Staples	0.08	2,553,483
Energy	1.34	45,092,647
Financials	2.96	99,427,758
Healthcare	0.68	22,799,500

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Japan (continued)		
Industrials	2.63 % \$	88,396,836
Information Technology	3.45	115,919,878
Materials	0.35	11,572,945
Utilities	2.75	92,294,320
Total Japan (cost \$473,639,135)	<u>16.48</u>	<u>553,348,849</u>
Jersey		
Financials	<u>0.01</u>	<u>411,602</u>
Total Jersey (cost \$418,625)	<u>0.01</u>	<u>411,602</u>
Luxembourg		
Communication Services	0.01	297,340
Materials	<u>0.76</u>	<u>25,429,188</u>
Total Luxembourg (cost \$30,058,197)	<u>0.77</u>	<u>25,726,528</u>
Malaysia		
Consumer Discretionary	<u>0.06</u>	<u>1,975,473</u>
Total Malaysia (cost \$2,004,430)	<u>0.06</u>	<u>1,975,473</u>
Mauritius		
Consumer Staples	<u>0.00</u>	<u>155,510</u>
Total Mauritius (cost \$175,754)	<u>0.00</u>	<u>155,510</u>
Mexico		
Consumer Discretionary	0.01	228,070
Financials	<u>0.01</u>	<u>184,270</u>
Total Mexico (cost \$403,625)	<u>0.02</u>	<u>412,340</u>
Netherlands		
Consumer Discretionary	1.08	36,248,492
Financials	2.42	81,247,129
Industrials	0.68	22,629,261
Information Technology	3.49	117,307,088
Materials	<u>0.00</u>	<u>64,727</u>
Total Netherlands (cost \$215,176,350)	<u>7.67</u>	<u>257,496,697</u>
Norway		
Energy	0.89	29,819,142
Industrials	<u>0.12</u>	<u>4,059,017</u>
Total Norway (cost \$31,980,976)	<u>1.01</u>	<u>33,878,159</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Pakistan		
Energy	0.02 %	\$ 517,246
Total Pakistan (cost \$560,176)	<u>0.02</u>	<u>517,246</u>
Philippines		
Energy	0.00	69,287
Total Philippines (cost \$72,982)	<u>0.00</u>	<u>69,287</u>
Poland		
Consumer Discretionary	0.01	454,877
Energy	0.18	6,004,281
Financials	0.27	8,878,372
Information Technology	0.01	156,932
Utilities	0.00	138,668
Total Poland (cost \$12,655,108)	<u>0.47</u>	<u>15,633,130</u>
Portugal		
Energy	0.03	1,035,103
Financials	0.01	416,461
Industrials	0.00	97,311
Total Portugal (cost \$1,144,444)	<u>0.04</u>	<u>1,548,875</u>
Russia		
Energy	0.01	233,160
Financials	0.01	344,833
Materials	0.00	771
Total Russia (cost \$169,528,476)	<u>0.02</u>	<u>578,764</u>
Saudi Arabia		
Consumer Discretionary	0.01	236,711
Total Saudi Arabia (cost \$201,424)	<u>0.01</u>	<u>236,711</u>
Singapore		
Industrials	0.03	1,033,876
Information Technology	0.00	58,540
Total Singapore (cost \$828,034)	<u>0.03</u>	<u>1,092,416</u>
Slovenia		
Healthcare	0.02	692,327
Total Slovenia (cost \$367,116)	<u>0.02</u>	<u>692,327</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
South Africa		
Consumer Discretionary	0.02 % \$	764,662
Energy	<u>0.01</u>	<u>383,705</u>
Total South Africa (cost \$1,103,945)	<u>0.03</u>	<u>1,148,367</u>
South Korea		
Communication Services	0.29	9,935,719
Consumer Discretionary	1.57	52,560,746
Consumer Staples	0.54	18,067,439
Energy	0.05	1,738,152
Financials	2.13	71,520,645
Industrials	0.67	22,508,023
Information Technology	4.27	143,446,143
Materials	<u>0.07</u>	<u>2,275,176</u>
Total South Korea (cost \$254,824,838)	<u>9.59</u>	<u>322,052,043</u>
Spain		
Communication Services	0.00	-
Energy	0.43	14,602,891
Financials	1.87	62,843,611
Information Technology	<u>0.01</u>	<u>338,930</u>
Total Spain (cost \$67,993,987)	<u>2.31</u>	<u>77,785,432</u>
Sweden		
Communication Services	0.05	1,638,895
Consumer Discretionary	0.03	1,014,044
Financials	0.94	31,503,785
Healthcare	0.01	377,211
Industrials	0.04	1,350,402
Information Technology	<u>0.05</u>	<u>1,842,365</u>
Total Sweden (cost \$35,829,524)	<u>1.12</u>	<u>37,726,702</u>
Switzerland		
Financials	1.03	34,572,128
Healthcare	2.28	76,703,416
Industrials	0.60	20,168,581
Information Technology	0.04	1,462,092
Materials	<u>0.15</u>	<u>4,941,561</u>
Total Switzerland (cost \$134,205,256)	<u>4.10</u>	<u>137,847,778</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Taiwan		
Industrials	0.07 % \$	2,442,550
Information Technology	<u>3.76</u>	<u>126,250,399</u>
Total Taiwan (cost \$111,004,451)	<u>3.83</u>	<u>128,692,949</u>
Thailand		
Energy	0.17	5,739,756
Financials	0.06	1,858,548
Industrials	<u>0.00</u>	<u>73,875</u>
Total Thailand (cost \$8,095,905)	<u>0.23</u>	<u>7,672,179</u>
Turkey		
Communication Services	0.01	498,620
Consumer Discretionary	0.00	157,675
Consumer Staples	0.00	75,558
Energy	0.14	4,615,281
Financials	2.44	81,996,435
Industrials	<u>0.25</u>	<u>8,438,126</u>
Total Turkey (cost \$45,924,731)	<u>2.84</u>	<u>95,781,695</u>
United Kingdom		
Communication Services	0.23	7,771,904
Consumer Discretionary	0.02	580,521
Energy	2.39	80,159,282
Financials	1.59	53,397,465
Healthcare	0.04	1,513,743
Industrials	0.07	2,271,198
Information Technology	0.01	311,902
Materials	<u>0.44</u>	<u>14,923,990</u>
Total United Kingdom (cost \$146,555,092)	<u>4.79</u>	<u>160,930,005</u>
Total Common Stocks (cost \$2,915,786,572)	<u>95.04</u>	<u>3,191,803,523</u>
Preferred Stocks		
Brazil		
Energy	1.35	45,456,955
Financials	<u>0.92</u>	<u>30,957,496</u>
Total Brazil (cost \$81,326,483)	<u>2.27</u>	<u>76,414,451</u>
Colombia		
Financials	<u>0.05</u>	<u>1,498,109</u>
Total Colombia (cost \$1,541,581)	<u>0.05</u>	<u>1,498,109</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Preferred Stocks (continued)		
Germany		
Consumer Discretionary	0.80 % \$	26,856,145
Consumer Staples	0.09	2,934,563
Healthcare	0.00	44,211
Total Germany (cost \$50,980,985)	<u>0.89</u>	<u>29,834,919</u>
South Korea		
Consumer Discretionary	0.13	4,320,430
Consumer Staples	0.00	153,885
Financials	0.02	803,634
Industrials	0.03	878,527
Information Technology	0.53	17,689,943
Total South Korea (cost \$20,840,186)	<u>0.71</u>	<u>23,846,419</u>
Total Preferred Stocks (cost \$154,689,235)	<u>3.92</u>	<u>131,593,898</u>
Warrants		
Canada		
Information Technology	-	-
Total Canada (cost \$0)	<u>-</u>	<u>-</u>
Total Warrants (cost \$0)	<u>-</u>	<u>-</u>
Total Investments in Securities, at fair value (cost \$3,070,475,807)	<u>98.96 % \$</u>	<u>3,323,397,421</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value

Forward Foreign Currency Contracts

<u>Currency</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
AED/USD	- % \$	-	(0.00) % \$	(14)
AUD/USD	0.07	2,312,722	(0.22)	(6,977,920)
BHD/USD	0.00	189	(0.00)	(10,648)
BRL/USD	0.98	32,517,612	(0.08)	(2,473,422)
CAD/USD	0.03	840,487	(0.00)	(133,940)
CHF/USD	0.17	5,737,751	(0.00)	(163,395)
CLP/USD	0.07	2,343,501	(0.00)	(21,960)
CNH/USD	0.05	1,570,285	(0.00)	(4,717)
CNY/USD	0.02	621,666	(0.00)	(7,323)
COP/USD	0.04	1,285,740	(0.08)	(2,314,776)
CZK/USD	0.01	264,717	(0.00)	(148,330)
DKK/USD	0.09	2,888,893	(0.00)	(2,654)
EGP/USD	0.01	326,802	(0.00)	(68,108)
EUR/USD	0.30	10,126,385	(0.00)	(88,966)
GBP/USD	0.01	210,264	(0.04)	(1,332,811)
HKD/USD	0.01	225,984	(0.00)	(120,817)
HUF/USD	0.01	415,550	(0.01)	(193,848)
IDR/USD	0.07	2,361,265	(0.00)	(6,498)
ILS/USD	0.01	330,478	-	-
INR/USD	-	-	(0.01)	(200,209)
JPY/USD	2.53	85,109,506	-	-
KRW/USD	0.35	11,774,442	(0.02)	(746,034)
KWD/USD	0.00	6	-	-
KZT/USD	-	-	(0.01)	(366,204)
MXN/USD	0.05	1,831,491	(0.06)	(2,176,868)
NOK/USD	0.00	126,037	(0.00)	(159,385)
NZD/USD	0.03	939,501	(0.03)	(1,174,362)
OMR/USD	-	-	(0.00)	(22,011)
PEN/USD	0.00	15,292	(0.00)	(19,905)
PHP/USD	0.01	346,355	(0.00)	(13,626)
PLN/USD	0.01	422,933	(0.01)	(321,504)
QAR/USD	-	-	(0.00)	(16,841)
RON/USD	0.00	34,211	(0.00)	(2,356)
SAR/USD	0.00	324	(0.00)	(35,671)
SEK/USD	0.04	1,284,148	(0.02)	(610,827)
SGD/USD	0.01	476,042	-	-
THB/USD	0.00	110,853	(0.00)	(4,976)
TRY/USD	0.00	25,419	(0.07)	(2,217,475)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

<u>Currency</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
TWD/USD	0.16 % \$	5,367,509	- % \$	-
ZAR/USD	0.00	11,073	(0.00)	(56,954)
USD/AED	0.00	21	(0.00)	(938)
USD/AUD	0.29	9,838,686	(0.11)	(3,830,299)
USD/BHD	0.00	18	(0.00)	(1,171)
USD/BRL	0.01	412,703	(0.80)	(26,651,649)
USD/CAD	0.00	15,363	(0.05)	(1,712,929)
USD/CHF	0.14	4,730,966	(0.28)	(9,504,192)
USD/CLP	0.02	620,924	(0.02)	(519,698)
USD/CNH	0.00	588	(0.15)	(5,074,911)
USD/CNY	-	-	(0.02)	(680,801)
USD/COP	0.08	2,757,381	(0.07)	(2,362,678)
USD/CZK	-	-	(0.01)	(174,918)
USD/DKK	0.01	495,277	(0.03)	(968,451)
USD/EGP	-	-	(0.00)	(1,005)
USD/EUR	0.19	6,436,974	(0.14)	(4,761,816)
USD/GBP	0.42	13,788,114	(0.03)	(1,126,385)
USD/HKD	0.00	1,305	(0.01)	(337,211)
USD/HUF	-	-	(0.00)	(1,022)
USD/IDR	-	-	(0.10)	(3,210,701)
USD/ILS	-	-	(0.01)	(261,888)
USD/INR	0.03	842,491	(0.00)	(7,953)
USD/JPY	-	-	(4.16)	(139,310,544)
USD/KRW	0.02	597,971	(0.36)	(12,007,097)
USD/KWD	-	-	(0.00)	(2)
USD/KZT	0.00	18,998	(0.00)	(163,331)
USD/MAD	-	-	(0.00)	(65,722)
USD/MXN	0.00	162,129	(0.13)	(4,498,034)
USD/NOK	0.00	56,471	(0.07)	(2,482,317)
USD/NZD	0.08	2,805,170	(0.00)	(152,132)
USD/OMR	0.00	20	(0.00)	(1,595)
USD/PEN	0.00	21,810	(0.00)	(110,896)
USD/PHP	0.00	21,013	(0.02)	(515,783)
USD/PLN	-	-	(0.00)	(14,649)
USD/RON	-	-	(0.00)	(198)
USD/RSD	-	-	(0.00)	(1)
USD/SAR	-	-	(0.00)	(83)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ACWI EX US FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

<u>Currency</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
USD/SEK	0.05 % \$	1,519,466	(0.03) % \$	(1,061,998)
USD/SGD	-	-	(0.02)	(786,839)
USD/THB	0.00	6,568	(0.00)	(66,347)
USD/TRY	0.00	14,307	-	-
USD/TWD	-	-	(0.24)	(7,923,380)
USD/ZAR	<u>0.02</u>	<u>713,979</u>	<u>-</u>	<u>-</u>
Total Unrealized Gain (Loss) on Forward Foreign Currency Contracts	<u>6.50 % \$</u>	<u>218,134,146</u>	<u>(7.52) % \$</u>	<u>(252,566,919)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value		
Common Stocks		
Australia		
Communication Services	0.11 % \$	1,706,110
Consumer Discretionary	1.26	20,300,935
Energy	0.35	5,640,482
Financials	0.34	5,430,379
Industrials	0.30	4,746,909
Information Technology	0.10	1,665,854
Materials	0.04	653,281
Utilities	0.03	438,670
Total Australia (cost \$36,114,485)	<u>2.53</u>	<u>40,582,620</u>
Austria		
Energy	0.02	309,225
Financials	0.93	15,002,735
Materials	0.02	260,640
Total Austria (cost \$11,911,277)	<u>0.97</u>	<u>15,572,600</u>
Belgium		
Communication Services	0.08	1,335,087
Information Technology	0.04	613,277
Materials	0.08	1,281,472
Total Belgium (cost \$5,060,515)	<u>0.20</u>	<u>3,229,836</u>
Bermuda		
Consumer Discretionary	0.34	5,461,328
Energy	0.34	5,433,339
Financials	0.49	7,894,010
Industrials	0.38	6,188,746
Information Technology	0.05	851,233
Real Estate	0.06	1,014,056
Total Bermuda (cost \$26,614,218)	<u>1.66</u>	<u>26,842,712</u>
Brazil		
Consumer Discretionary	0.30	4,884,189
Consumer Staples	0.44	7,110,846
Energy	1.98	31,832,386
Financials	1.77	28,380,824
Industrials	0.29	4,713,715
Materials	0.02	246,201
Utilities	0.11	1,724,135
Total Brazil (cost \$78,297,607)	<u>4.91</u>	<u>78,892,296</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Canada		
Communication Services	0.03 % \$	446,644
Consumer Discretionary	1.40	22,449,885
Consumer Staples	0.10	1,560,112
Energy	1.92	30,858,629
Financials	0.63	10,191,425
Healthcare	0.01	108,390
Industrials	1.23	19,712,641
Information Technology	2.71	43,583,166
Materials	2.94	47,212,070
Utilities	0.01	227,373
Total Canada (cost \$155,329,004)	<u>10.98</u>	<u>176,350,335</u>
Cayman Islands		
Communication Services	0.70	11,255,817
Consumer Discretionary	1.20	19,368,824
Consumer Staples	0.21	3,316,607
Financials	0.00	60,493
Healthcare	0.07	1,101,191
Industrials	0.15	2,379,658
Information Technology	0.45	7,287,987
Materials	0.05	862,374
Total Cayman Islands (cost \$48,572,122)	<u>2.83</u>	<u>45,632,951</u>
Chile		
Communication Services	0.06	1,007,501
Consumer Discretionary	0.06	1,020,093
Consumer Staples	0.17	2,764,738
Financials	0.09	1,472,488
Industrials	0.11	1,694,556
Materials	0.03	404,143
Utilities	0.00	31,355
Total Chile (cost \$7,882,329)	<u>0.52</u>	<u>8,394,874</u>
China		
Communication Services	0.23	3,682,349
Consumer Discretionary	2.98	47,899,611
Energy	3.24	52,158,470
Financials	5.11	82,181,510
Healthcare	0.23	3,728,123
Industrials	1.48	23,847,538
Information Technology	1.25	20,031,695

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
China (continued)		
Materials	1.22 % \$	19,607,121
Utilities	<u>0.11</u>	<u>1,763,521</u>
Total China (cost \$232,349,872)	<u>15.85</u>	<u>254,899,938</u>
Cyprus		
Energy	<u>0.16</u>	<u>2,639,241</u>
Total Cyprus (cost \$1,887,014)	<u>0.16</u>	<u>2,639,241</u>
Czech Republic		
Financials	<u>0.03</u>	<u>434,298</u>
Total Czech Republic (cost \$456,095)	<u>0.03</u>	<u>434,298</u>
Denmark		
Consumer Discretionary	0.57	9,113,590
Financials	0.03	546,469
Healthcare	1.61	25,819,388
Industrials	<u>0.42</u>	<u>6,712,333</u>
Total Denmark (cost \$28,575,574)	<u>2.63</u>	<u>42,191,780</u>
Finland		
Financials	0.36	5,824,923
Industrials	0.82	13,222,003
Information Technology	0.06	939,051
Materials	<u>0.06</u>	<u>945,681</u>
Total Finland (cost \$19,958,721)	<u>1.30</u>	<u>20,931,658</u>
France		
Communication Services	0.21	3,368,714
Energy	0.32	5,223,830
Financials	0.18	2,960,110
Information Technology	<u>0.12</u>	<u>1,997,815</u>
Total France (cost \$12,479,854)	<u>0.83</u>	<u>13,550,469</u>
Germany		
Consumer Discretionary	1.43	22,935,131
Consumer Staples	0.03	432,409
Financials	0.96	15,398,876
Healthcare	0.30	4,846,199
Industrials	0.52	8,393,302
Information Technology	0.67	10,767,751

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Germany (continued)		
Materials	0.05 % \$	875,424
Utilities	<u>0.02</u>	<u>273,390</u>
Total Germany (cost \$68,474,631)	<u>3.98</u>	<u>63,922,482</u>
Greece		
Consumer Discretionary	0.02	263,222
Energy	0.00	64,865
Financials	0.17	2,652,901
Industrials	<u>0.24</u>	<u>3,847,231</u>
Total Greece (cost \$5,765,423)	<u>0.43</u>	<u>6,828,219</u>
Hong Kong		
Financials	0.12	1,888,191
Industrials	0.08	1,270,609
Information Technology	0.09	1,429,308
Materials	0.01	218,467
Real Estate	0.06	922,835
Utilities	<u>0.01</u>	<u>85,573</u>
Total Hong Kong (cost \$6,443,944)	<u>0.37</u>	<u>5,814,983</u>
Hungary		
Energy	0.01	147,779
Financials	0.46	7,331,021
Healthcare	<u>0.05</u>	<u>880,145</u>
Total Hungary (cost \$6,541,595)	<u>0.52</u>	<u>8,358,945</u>
Indonesia		
Consumer Discretionary	0.05	728,352
Energy	<u>0.11</u>	<u>1,831,223</u>
Total Indonesia (cost \$3,222,009)	<u>0.16</u>	<u>2,559,575</u>
Ireland		
Financials	<u>0.08</u>	<u>1,287,722</u>
Total Ireland (cost \$1,287,128)	<u>0.08</u>	<u>1,287,722</u>
Israel		
Communication Services	0.26	4,113,271
Consumer Discretionary	0.08	1,356,957
Energy	0.13	2,051,843
Financials	0.42	6,766,307
Healthcare	0.06	939,364

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Israel (continued)		
Industrials	0.03 % \$	440,274
Information Technology	1.20	19,288,443
Materials	0.22	3,521,442
Total Israel (cost \$44,637,069)	<u>2.40</u>	<u>38,477,901</u>
Italy		
Energy	0.27	4,364,368
Financials	2.71	43,581,499
Industrials	0.72	11,517,731
Materials	0.01	103,752
Total Italy (cost \$38,809,326)	<u>3.71</u>	<u>59,567,350</u>
Japan		
Communication Services	0.71	11,430,519
Consumer Discretionary	4.11	66,100,866
Consumer Staples	1.05	16,815,894
Energy	1.18	19,013,918
Financials	2.04	32,834,651
Healthcare	1.53	24,571,630
Industrials	3.81	61,184,417
Information Technology	5.22	83,884,040
Materials	0.67	10,784,081
Real Estate	0.02	255,595
Utilities	2.27	36,512,651
Total Japan (cost \$324,792,552)	<u>22.61</u>	<u>363,388,262</u>
Jersey		
Communication Services	0.13	2,148,064
Financials	0.17	2,724,729
Industrials	0.10	1,664,270
Materials	0.44	7,079,422
Total Jersey (cost \$13,109,479)	<u>0.84</u>	<u>13,616,485</u>
Luxembourg		
Communication Services	0.01	188,587
Consumer Discretionary	0.02	279,991
Materials	0.43	6,965,500
Total Luxembourg (cost \$8,565,831)	<u>0.46</u>	<u>7,434,078</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Malaysia		
Consumer Discretionary	0.25 % \$	4,004,351
Utilities	<u>0.07</u>	<u>1,146,800</u>
Total Malaysia (cost \$4,793,408)	<u>0.32</u>	<u>5,151,151</u>
Mauritius		
Consumer Staples	<u>0.01</u>	<u>124,655</u>
Total Mauritius (cost \$116,073)	<u>0.01</u>	<u>124,655</u>
Mexico		
Consumer Discretionary	0.06	1,028,735
Consumer Staples	0.01	203,602
Financials	<u>0.01</u>	<u>91,496</u>
Total Mexico (cost \$1,433,842)	<u>0.08</u>	<u>1,323,833</u>
Netherlands		
Communication Services	0.13	2,084,882
Consumer Discretionary	0.59	9,411,509
Consumer Staples	0.00	73
Energy	0.06	950,719
Financials	1.16	18,663,204
Healthcare	0.06	1,016,133
Industrials	0.99	15,889,800
Information Technology	<u>2.74</u>	<u>44,056,306</u>
Total Netherlands (cost \$86,786,701)	<u>5.73</u>	<u>92,072,626</u>
New Zealand		
Consumer Staples	0.05	749,965
Information Technology	<u>0.07</u>	<u>1,116,822</u>
Total New Zealand (cost \$1,281,622)	<u>0.12</u>	<u>1,866,787</u>
Norway		
Communication Services	0.11	1,727,276
Consumer Discretionary	0.05	853,677
Energy	1.27	20,469,018
Financials	0.06	914,211
Industrials	0.26	4,164,642
Information Technology	0.05	730,003
Materials	<u>0.17</u>	<u>2,733,424</u>
Total Norway (cost \$26,266,557)	<u>1.97</u>	<u>31,592,251</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Pakistan		
Energy	0.19 % \$	2,979,605
Financials	0.03	413,219
Materials	0.11	1,813,190
Utilities	0.01	87,439
Total Pakistan (cost \$4,706,811)	<u>0.34</u>	<u>5,293,453</u>
Peru		
Materials	0.02	284,946
Total Peru (cost \$270,745)	<u>0.02</u>	<u>284,946</u>
Philippines		
Industrials	0.02	275,055
Total Philippines (cost \$234,814)	<u>0.02</u>	<u>275,055</u>
Poland		
Energy	0.01	204,818
Financials	0.11	1,770,216
Information Technology	0.03	527,587
Materials	0.42	6,738,252
Utilities	0.00	67,832
Total Poland (cost \$7,644,089)	<u>0.57</u>	<u>9,308,705</u>
Portugal		
Communication Services	0.00	40,200
Consumer Discretionary	0.05	753,826
Consumer Staples	0.06	897,876
Energy	0.03	467,272
Financials	0.02	358,576
Total Portugal (cost \$2,373,852)	<u>0.16</u>	<u>2,517,750</u>
Russia		
Consumer Staples	0.00	273
Energy	0.00	32,400
Financials	0.01	110,389
Materials	0.00	613
Total Russia (cost \$34,593,055)	<u>0.01</u>	<u>143,675</u>
Singapore		
Consumer Discretionary	0.19	3,043,855
Consumer Staples	0.00	4,346
Financials	0.03	490,091

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Singapore (continued)		
Healthcare	0.07 % \$	1,096,403
Industrials	<u>0.20</u>	<u>3,176,564</u>
Total Singapore (cost \$8,665,704)	<u>0.49</u>	<u>7,811,259</u>
Slovenia		
Financials	0.01	195,352
Healthcare	<u>0.04</u>	<u>566,167</u>
Total Slovenia (cost \$540,903)	<u>0.05</u>	<u>761,519</u>
South Africa		
Consumer Discretionary	0.16	2,639,609
Energy	0.00	29,410
Information Technology	<u>0.11</u>	<u>1,737,574</u>
Total South Africa (cost \$3,625,388)	<u>0.27</u>	<u>4,406,593</u>
South Korea		
Communication Services	1.45	23,248,637
Consumer Discretionary	1.08	17,426,464
Consumer Staples	0.72	11,564,200
Energy	0.01	102,130
Financials	1.99	32,211,714
Healthcare	0.02	251,211
Industrials	1.20	19,224,106
Information Technology	1.76	28,432,355
Materials	0.07	1,142,189
Utilities	<u>0.04</u>	<u>564,850</u>
Total South Korea (cost \$121,330,848)	<u>8.34</u>	<u>134,167,856</u>
Spain		
Communication Services	-	-
Energy	0.39	6,344,184
Financials	1.76	28,246,772
Information Technology	<u>0.02</u>	<u>344,953</u>
Total Spain (cost \$23,802,280)	<u>2.17</u>	<u>34,935,909</u>
Sweden		
Communication Services	0.38	6,137,021
Consumer Discretionary	0.40	6,497,989
Consumer Staples	0.05	828,613
Financials	1.40	22,566,213
Industrials	0.39	6,346,484

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Sweden (continued)		
Information Technology	0.88 % \$	14,117,302
Materials	<u>0.02</u>	<u>292,324</u>
Total Sweden (cost \$51,589,612)	<u>3.52</u>	<u>56,785,946</u>
Switzerland		
Consumer Discretionary	0.12	1,965,925
Consumer Staples	0.03	508,853
Energy	-	-
Financials	0.40	6,430,294
Healthcare	1.17	18,829,772
Industrials	0.81	12,949,343
Information Technology	0.43	6,940,907
Materials	<u>0.15</u>	<u>2,418,283</u>
Total Switzerland (cost \$50,577,161)	<u>3.11</u>	<u>50,043,377</u>
Taiwan		
Industrials	0.02	377,171
Information Technology	<u>3.98</u>	<u>64,063,287</u>
Total Taiwan (cost \$55,630,346)	<u>4.00</u>	<u>64,440,458</u>
Thailand		
Energy	0.37	5,937,927
Financials	0.90	14,525,180
Healthcare	<u>0.01</u>	<u>162,210</u>
Total Thailand (cost \$23,149,359)	<u>1.28</u>	<u>20,625,317</u>
Turkey		
Communication Services	0.11	1,816,446
Consumer Staples	0.01	131,215
Energy	0.02	251,157
Financials	0.19	3,025,379
Healthcare	0.08	1,335,677
Industrials	<u>0.44</u>	<u>7,086,273</u>
Total Turkey (cost \$6,546,411)	<u>0.85</u>	<u>13,646,147</u>
United Arab Emirates		
Real Estate	<u>0.01</u>	<u>149,219</u>
Total United Arab Emirates (cost \$145,320)	<u>0.01</u>	<u>149,219</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
United Kingdom		
Communication Services	1.28 % \$	20,645,089
Consumer Discretionary	0.16	2,580,469
Consumer Staples	0.30	4,748,496
Energy	1.25	20,093,638
Financials	2.02	32,692,813
Healthcare	0.68	10,861,817
Industrials	2.21	35,559,225
Information Technology	0.46	7,339,293
Materials	1.08	17,303,366
Utilities	0.00	27,450
Total United Kingdom (cost \$128,666,695)	<u>9.44</u>	<u>151,851,656</u>
Total Common Stocks (cost \$1,831,909,270)	<u>123.84</u>	<u>1,990,981,753</u>
Preferred Stocks		
Brazil		
Energy	0.92	14,811,855
Financials	0.62	9,992,280
Industrials	0.00	60,544
Total Brazil (cost \$22,842,683)	<u>1.54</u>	<u>24,864,679</u>
Colombia		
Financials	0.02	281,907
Total Colombia (cost \$263,403)	<u>0.02</u>	<u>281,907</u>
Germany		
Consumer Discretionary	1.15	18,465,806
Consumer Staples	0.04	635,397
Total Germany (cost \$26,324,458)	<u>1.19</u>	<u>19,101,203</u>
South Korea		
Consumer Discretionary	0.47	7,520,780
Consumer Staples	0.05	802,439
Financials	0.00	72,837
Information Technology	0.39	6,271,564
Total South Korea (cost \$13,874,858)	<u>0.91</u>	<u>14,667,620</u>
Total Preferred Stocks (cost \$63,305,402)	<u>3.66</u>	<u>58,915,409</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Warrants		
Canada		
Information Technology	- %	\$ -
Total Canada (cost \$0)	-	-
Thailand		
Financials	-	-
Total Thailand (cost \$0)	-	-
Total Warrants (cost \$0)	-	-
Short-term investment funds (cost \$1,357,225)	0.08	1,357,225
Total Investments in Securities, at fair value (cost \$1,896,571,890)	127.58 %	\$ 2,051,254,387

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value		
Common Stocks		
Australia		
Consumer Discretionary	(0.19) % \$	(3,084,389)
Energy	(0.22)	(3,497,610)
Financials	(0.10)	(1,613,214)
Information Technology	(0.01)	(220,673)
Materials	(1.59)	(25,636,406)
Real Estate	(0.14)	(2,192,026)
Total Australia (proceeds \$54,245,713)	<u>(2.25)</u>	<u>(36,244,318)</u>
Belgium		
Healthcare	(0.07)	(1,205,681)
Utilities	(0.28)	(4,448,073)
Total Belgium (proceeds \$6,917,643)	<u>(0.35)</u>	<u>(5,653,754)</u>
Bermuda		
Healthcare	(0.00)	(8,910)
Total Bermuda (proceeds \$95,450)	<u>(0.00)</u>	<u>(8,910)</u>
Brazil		
Materials	(0.02)	(311,084)
Total Brazil (proceeds \$358,400)	<u>(0.02)</u>	<u>(311,084)</u>
Canada		
Consumer Discretionary	(0.05)	(761,344)
Consumer Staples	(0.05)	(871,327)
Energy	(3.09)	(49,663,054)
Healthcare	(0.14)	(2,284,814)
Industrials	(0.39)	(6,300,531)
Information Technology	(0.05)	(752,309)
Materials	(1.23)	(19,852,115)
Real Estate	(0.34)	(5,438,135)
Total Canada (proceeds \$102,550,286)	<u>(5.34)</u>	<u>(85,923,629)</u>
Cayman Islands		
Communication Services	(0.17)	(2,735,395)
Consumer Discretionary	(0.85)	(13,702,368)
Consumer Staples	(0.01)	(175,347)
Healthcare	(0.15)	(2,463,025)
Industrials	(0.06)	(1,042,628)
Information Technology	(0.07)	(1,141,184)
Total Cayman Islands (proceeds \$49,390,157)	<u>(1.31)</u>	<u>(21,259,947)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
China		
Consumer Discretionary	(0.03) %	\$ (522,104)
Healthcare	<u>(0.04)</u>	<u>(599,176)</u>
Total China (proceeds \$2,309,477)	<u>(0.07)</u>	<u>(1,121,280)</u>
Cyprus		
Consumer Discretionary	(0.00)	(347)
Real Estate	<u>(0.00)</u>	<u>(100)</u>
Total Cyprus (proceeds \$1,754,962)	<u>(0.00)</u>	<u>(447)</u>
Denmark		
Healthcare	(0.89)	(14,299,149)
Utilities	<u>(0.03)</u>	<u>(498,149)</u>
Total Denmark (proceeds \$11,144,062)	<u>(0.92)</u>	<u>(14,797,298)</u>
France		
Healthcare	<u>(0.17)</u>	<u>(2,655,885)</u>
Total France (proceeds \$3,490,970)	<u>(0.17)</u>	<u>(2,655,885)</u>
Germany		
Consumer Discretionary	(0.24)	(3,809,824)
Financials	(0.40)	(6,387,863)
Healthcare	(0.43)	(6,875,305)
Industrials	(0.17)	(2,787,144)
Information Technology	<u>(0.01)</u>	<u>(168,131)</u>
Total Germany (proceeds \$24,075,996)	<u>(1.25)</u>	<u>(20,028,267)</u>
Guernsey		
Consumer Discretionary	<u>(0.16)</u>	<u>(2,589,469)</u>
Total Guernsey (proceeds \$2,797,196)	<u>(0.16)</u>	<u>(2,589,469)</u>
India		
Financials	<u>(1.78)</u>	<u>(28,555,379)</u>
Total India (proceeds \$27,369,481)	<u>(1.78)</u>	<u>(28,555,379)</u>
Isle of Man		
Consumer Discretionary	<u>(0.38)</u>	<u>(6,040,908)</u>
Total Isle of Man (proceeds \$6,795,242)	<u>(0.38)</u>	<u>(6,040,908)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Israel		
Consumer Discretionary	(0.28) %	\$ (4,447,935)
Healthcare	(0.25)	(4,060,899)
Industrials	(0.07)	(1,068,291)
Information Technology	(0.05)	(807,857)
Real Estate	(0.23)	(3,682,423)
Utilities	(0.00)	(75,553)
Total Israel (proceeds \$16,169,624)	<u>(0.88)</u>	<u>(14,142,958)</u>
Italy		
Healthcare	(0.22)	(3,565,516)
Utilities	(0.03)	(475,488)
Total Italy (proceeds \$4,597,292)	<u>(0.25)</u>	<u>(4,041,004)</u>
Japan		
Communication Services	(0.31)	(5,046,634)
Consumer Discretionary	(1.22)	(19,629,836)
Consumer Staples	(0.01)	(171,820)
Financials	(0.46)	(7,470,270)
Healthcare	(0.61)	(9,844,750)
Industrials	(0.39)	(6,300,515)
Information Technology	(2.64)	(42,478,520)
Materials	(0.04)	(717,763)
Real Estate	(0.13)	(2,133,731)
Total Japan (proceeds \$120,702,623)	<u>(5.81)</u>	<u>(93,793,839)</u>
Jersey		
Industrials	(0.14)	(2,205,879)
Materials	(0.04)	(685,390)
Total Jersey (proceeds \$3,698,134)	<u>(0.18)</u>	<u>(2,891,269)</u>
Mexico		
Communication Services	(0.00)	(55,676)
Materials	(0.01)	(99,092)
Total Mexico (proceeds \$153,024)	<u>(0.01)</u>	<u>(154,768)</u>
Netherlands		
Consumer Discretionary	(1.28)	(20,570,896)
Consumer Staples	(0.33)	(5,277,478)
Healthcare	(1.81)	(29,035,280)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Netherlands (continued)		
Industrials	(0.04) %	\$ (600,477)
Materials	<u>(0.16)</u>	<u>(2,629,982)</u>
Total Netherlands (proceeds \$66,424,904)	<u>(3.62)</u>	<u>(58,114,113)</u>
Norway		
Industrials	(0.08)	(1,247,254)
Information Technology	<u>(0.06)</u>	<u>(1,003,817)</u>
Total Norway (proceeds \$4,773,561)	<u>(0.14)</u>	<u>(2,251,071)</u>
Portugal		
Utilities	<u>(0.75)</u>	<u>(12,048,982)</u>
Total Portugal (proceeds \$12,109,298)	<u>(0.75)</u>	<u>(12,048,982)</u>
Spain		
Utilities	<u>(0.31)</u>	<u>(4,950,012)</u>
Total Spain (proceeds \$5,520,101)	<u>(0.31)</u>	<u>(4,950,012)</u>
Sweden		
Industrials	(1.28)	(20,553,901)
Real Estate	<u>(0.28)</u>	<u>(4,437,099)</u>
Total Sweden (proceeds \$31,174,481)	<u>(1.56)</u>	<u>(24,991,000)</u>
Switzerland		
Consumer Staples	(0.11)	(1,707,702)
Healthcare	(0.20)	(3,162,495)
Information Technology	<u>(0.01)</u>	<u>(194,834)</u>
Total Switzerland (proceeds \$10,835,601)	<u>(0.32)</u>	<u>(5,065,031)</u>
Thailand		
Utilities	<u>(0.02)</u>	<u>(358,858)</u>
Total Thailand (proceeds \$497,497)	<u>(0.02)</u>	<u>(358,858)</u>
United Kingdom		
Communication Services	(0.10)	(1,538,462)
Consumer Discretionary	(0.07)	(1,136,463)
Consumer Staples	(0.13)	(2,011,783)
Healthcare	(0.35)	(5,685,115)
Industrials	(0.26)	(4,191,790)
Information Technology	(0.10)	(1,533,780)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
United Kingdom (continued)		
Materials	(0.04) %	\$ (675,254)
Utilities	<u>(0.06)</u>	<u>(986,317)</u>
Total United Kingdom (proceeds \$37,158,043)	<u>(1.11)</u>	<u>(17,758,964)</u>
United States		
Healthcare	(0.04)	(581,740)
Materials	<u>(0.08)</u>	<u>(1,306,989)</u>
Total United States (proceeds \$7,965,886)	<u>(0.12)</u>	<u>(1,888,729)</u>
Total Common Stocks (proceeds \$615,075,104)	<u>(29.08)</u>	<u>(467,641,173)</u>
Preferred Stocks		
Germany		
Healthcare	<u>(0.28)</u>	<u>(4,447,112)</u>
Total Germany (proceeds \$5,212,011)	<u>(0.28)</u>	<u>(4,447,112)</u>
Total Preferred Stocks (proceeds \$5,212,011)	<u>(0.28)</u>	<u>(4,447,112)</u>
Exchange-Traded Funds ⁽¹⁾		
United States		
Financials	<u>(0.14)</u>	<u>(2,263,508)</u>
Total United States (proceeds \$1,913,712)	<u>(0.14)</u>	<u>(2,263,508)</u>
Total Exchange-Traded Funds (proceeds \$1,913,712)	<u>(0.14)</u>	<u>(2,263,508)</u>
Warrants		
Australia		
Consumer Discretionary	<u>-</u>	<u>-</u>
Total Australia (proceeds \$0)	<u>-</u>	<u>-</u>
Thailand		
Industrials	<u>(0.00)</u>	<u>(80)</u>
Total Thailand (proceeds \$440)	<u>(0.00)</u>	<u>(80)</u>
Total Warrants (proceeds \$440)	<u>(0.00)</u>	<u>(80)</u>
Total Securities Sold Short , at fair value (proceeds \$622,201,258)	<u>(29.50) %</u>	<u>\$ (474,351,873)</u>

(1) Country classification for exchange-traded funds is not based on the portfolio composition of each exchange-traded fund.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value

Forward Foreign Currency Contracts

Currency	Percentage of Net Assets	Unrealized Gain	Percentage of Net Assets	Unrealized Loss
AUD/USD	0.13 % \$	2,028,210	(0.31) % \$	(4,862,565)
BHD/USD	0.00	2,095	(0.00)	(56,232)
BRL/USD	0.60	9,596,993	(0.06)	(1,027,146)
CAD/USD	0.07	1,068,883	(0.02)	(390,603)
CHF/USD	0.14	2,171,995	(0.02)	(301,733)
CLP/USD	0.01	138,296	(0.01)	(207,543)
CNH/USD	0.01	194,674	(0.00)	(75)
CNY/USD	0.01	125,529	(0.00)	(7,168)
COP/USD	0.05	833,605	-	-
CZK/USD	0.05	773,141	(0.00)	(4,561)
DKK/USD	0.03	469,458	(0.00)	(3,560)
EGP/USD	0.00	13,181	(0.00)	(32,751)
EUR/USD	0.26	4,139,072	(0.00)	(3,182)
GBP/USD	0.01	145,675	(0.09)	(1,472,452)
HKD/USD	0.00	15,968	(0.00)	(47,253)
HUF/USD	0.02	323,144	(0.00)	(31,779)
IDR/USD	0.02	259,706	(0.00)	(2,376)
ILS/USD	0.05	871,787	-	-
INR/USD	-	-	(0.00)	(22,823)
JPY/USD	3.26	52,540,779	(0.00)	(13,436)
KRW/USD	0.18	2,940,784	(0.01)	(112,727)
KWD/USD	0.00	739	-	-
KZT/USD	0.00	6,974	-	-
MXN/USD	0.01	153,903	-	-
NOK/USD	0.00	60,756	(0.02)	(378,047)
NZD/USD	0.01	205,219	(0.07)	(1,176,902)
PEN/USD	-	-	(0.00)	(399)
PHP/USD	0.00	6,561	-	-
PLN/USD	0.02	310,928	(0.00)	(33,008)
QAR/USD	-	-	(0.00)	(575)
RON/USD	0.00	3	-	-
SAR/USD	0.00	5	(0.00)	(1,918)
SEK/USD	0.05	773,920	(0.04)	(591,374)
SGD/USD	0.00	69,237	(0.00)	(3,089)
THB/USD	0.01	100,080	(0.00)	(38,235)
TRY/USD	0.00	10,315	(0.02)	(330,674)
TWD/USD	0.04	719,198	-	-
ZAR/USD	-	-	(0.05)	(727,651)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

Currency	Percentage of Net Assets	Unrealized Gain	Percentage of Net Assets	Unrealized Loss
USD/AED	0.00 % \$	2	(0.00) % \$	(416)
USD/AUD	0.46	7,325,651	(0.07)	(1,064,171)
USD/BHD	-	-	(0.00)	(7,868)
USD/BRL	0.01	81,050	(0.29)	(4,567,511)
USD/CAD	0.00	34,503	(0.12)	(1,849,679)
USD/CHF	0.08	1,259,787	(0.16)	(2,495,081)
USD/CLP	0.00	6,367	-	-
USD/CNH	0.00	736	(0.08)	(1,287,359)
USD/CNY	-	-	(0.01)	(96,128)
USD/COP	-	-	(0.05)	(857,982)
USD/CZK	-	-	(0.03)	(548,220)
USD/DKK	0.00	12,283	(0.06)	(918,212)
USD/EUR	0.12	1,955,017	(0.26)	(4,250,972)
USD/GBP	0.17	2,666,551	(0.03)	(524,851)
USD/HKD	0.00	18,877	(0.00)	(7,067)
USD/HUF	-	-	(0.00)	(14,812)
USD/IDR	0.00	1,855	(0.02)	(293,016)
USD/ILS	-	-	(0.00)	(6,235)
USD/INR	0.01	239,756	(0.00)	(8,899)
USD/JPY	-	-	(5.02)	(80,580,209)
USD/KRW	0.01	115,196	(0.13)	(2,103,434)
USD/KWD	-	-	(0.00)	(1,085)
USD/MAD	-	-	(0.01)	(103,907)
USD/MXN	0.00	5,030	(0.02)	(328,726)
USD/NOK	0.00	22,605	(0.08)	(1,218,490)
USD/NZD	0.04	664,070	(0.02)	(249,352)
USD/PEN	-	-	(0.00)	(13,215)
USD/PHP	0.00	5,655	(0.00)	(67,140)
USD/PLN	0.00	12,906	(0.00)	(50,224)
USD/QAR	-	-	(0.00)	(2)
USD/RON	-	-	(0.00)	(7)
USD/SEK	0.03	472,222	(0.04)	(672,723)
USD/SGD	-	-	(0.01)	(83,822)
USD/THB	0.00	4,563	(0.00)	(52,108)
USD/TWD	-	-	(0.07)	(1,098,923)
USD/ZAR	0.03	459,187	-	-
Total Unrealized Gain (Loss) on				
Forward Foreign Currency				
Contracts	6.00 % \$	96,434,682	(7.30) % \$	(117,303,683)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Futures Contracts

	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
Exchange-Traded Futures				
Equity Index – Long Exposure	0.00 %	\$ 46,624	(0.05) %	\$ (777,868)
Equity Index – Short Exposure	<u>-</u>	<u>-</u>	<u>(0.12)</u>	<u>(1,922,132)</u>
Total Unrealized Gain (Loss) on Futures Contracts	<u>0.00 %</u>	<u>\$ 46,624</u>	<u>(0.17) %</u>	<u>\$ (2,700,000)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value		
Common Stocks		
Australia		
Communication Services	0.49 % \$	4,585,125
Consumer Discretionary	1.79	16,869,009
Energy	0.05	443,456
Financials	0.38	3,595,521
Industrials	1.11	10,429,194
Information Technology	0.12	1,100,763
Materials	0.29	2,705,414
Utilities	0.02	161,747
Total Australia (cost \$34,825,691)	<u>4.25</u>	<u>39,890,229</u>
Austria		
Energy	0.12	1,086,383
Financials	0.83	7,796,164
Industrials	0.01	105,363
Materials	0.07	614,084
Total Austria (cost \$7,557,520)	<u>1.03</u>	<u>9,601,994</u>
Belgium		
Communication Services	0.01	116,894
Total Belgium (cost \$174,769)	<u>0.01</u>	<u>116,894</u>
Bermuda		
Communication Services	0.06	600,009
Consumer Discretionary	0.17	1,558,982
Financials	0.13	1,203,044
Industrials	0.48	4,481,792
Utilities	0.01	70,606
Total Bermuda (cost \$8,461,265)	<u>0.85</u>	<u>7,914,433</u>
Brazil		
Consumer Staples	0.21	1,942,195
Energy	0.79	7,458,383
Financials	0.38	3,591,207
Total Brazil (cost \$10,908,111)	<u>1.38</u>	<u>12,991,785</u>
Canada		
Consumer Discretionary	0.12	1,156,297
Consumer Staples	0.09	835,309
Energy	1.94	18,231,320

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Canada (continued)		
Industrials	1.07 % \$	10,066,927
Information Technology	1.35	12,699,210
Materials	2.19	20,582,312
Total Canada (cost \$58,350,277)	<u>6.76</u>	<u>63,571,375</u>
Cayman Islands		
Communication Services	0.40	3,799,250
Consumer Discretionary	0.72	6,825,754
Consumer Staples	0.13	1,244,851
Energy	0.01	60,961
Healthcare	0.02	226,936
Industrials	0.17	1,559,948
Information Technology	0.04	398,142
Materials	0.03	320,338
Total Cayman Islands (cost \$15,878,387)	<u>1.52</u>	<u>14,436,180</u>
Chile		
Industrials	0.01	48,752
Materials	0.01	72,730
Utilities	0.01	103,032
Total Chile (cost \$239,383)	<u>0.03</u>	<u>224,514</u>
China		
Communication Services	0.17	1,647,579
Consumer Discretionary	1.51	14,233,453
Energy	1.97	18,527,249
Financials	1.92	18,073,835
Healthcare	0.21	1,987,725
Industrials	1.84	17,326,918
Information Technology	1.07	10,098,447
Materials	1.36	12,784,553
Real Estate	0.04	331,444
Utilities	0.16	1,520,859
Total China (cost \$85,377,968)	<u>10.25</u>	<u>96,532,062</u>
Cyprus		
Energy	0.24	2,218,449
Materials	0.09	857,656
Total Cyprus (cost \$2,734,754)	<u>0.33</u>	<u>3,076,105</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Denmark		
Consumer Discretionary	0.80 % \$	7,544,386
Financials	0.32	3,007,961
Healthcare	2.98	28,061,475
Industrials	0.35	3,298,646
Total Denmark (cost \$19,896,889)	<u>4.45</u>	<u>41,912,468</u>
Finland		
Consumer Discretionary	0.07	670,926
Financials	0.46	4,371,300
Industrials	0.43	4,009,537
Information Technology	0.26	2,478,791
Materials	0.17	1,604,966
Total Finland (cost \$11,324,085)	<u>1.39</u>	<u>13,135,520</u>
France		
Communication Services	0.29	2,768,314
Consumer Staples	0.01	88,688
Energy	0.62	5,873,780
Financials	2.28	21,435,464
Industrials	0.07	703,926
Information Technology	0.10	947,030
Materials	0.03	301,534
Utilities	0.07	637,800
Total France (cost \$30,170,537)	<u>3.47</u>	<u>32,756,536</u>
Germany		
Communication Services	0.07	672,832
Consumer Discretionary	1.45	13,629,483
Consumer Staples	0.37	3,491,025
Financials	1.14	10,699,104
Healthcare	0.26	2,408,690
Industrials	0.96	9,050,637
Information Technology	2.31	21,776,949
Materials	0.20	1,909,644
Utilities	0.22	2,080,341
Total Germany (cost \$61,142,169)	<u>6.98</u>	<u>65,718,705</u>
Greece		
Communication Services	0.02	205,089
Total Greece (cost \$212,222)	<u>0.02</u>	<u>205,089</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Hong Kong		
Financials	0.09 % \$	853,683
Industrials	0.56	5,266,952
Real Estate	0.22	2,064,284
Total Hong Kong (cost \$8,557,295)	<u>0.87</u>	<u>8,184,919</u>
Indonesia		
Utilities	0.07	688,945
Total Indonesia (cost \$582,483)	<u>0.07</u>	<u>688,945</u>
Ireland		
Consumer Staples	0.11	1,034,394
Financials	0.10	953,670
Total Ireland (cost \$1,614,991)	<u>0.21</u>	<u>1,988,064</u>
Israel		
Communication Services	0.04	344,839
Consumer Discretionary	0.09	844,242
Energy	0.01	109,406
Financials	0.78	7,345,331
Healthcare	0.12	1,124,172
Information Technology	0.68	6,410,405
Materials	0.06	537,091
Total Israel (cost \$18,468,401)	<u>1.78</u>	<u>16,715,486</u>
Italy		
Communication Services	0.03	270,574
Energy	0.12	1,102,465
Financials	4.60	43,265,947
Industrials	0.69	6,478,482
Information Technology	0.04	416,697
Materials	0.05	424,835
Total Italy (cost \$29,903,953)	<u>5.53</u>	<u>51,959,000</u>
Japan		
Communication Services	1.33	12,508,002
Consumer Discretionary	5.58	52,527,177
Consumer Staples	1.47	13,807,729
Energy	0.93	8,719,898
Financials	3.70	34,864,271
Healthcare	2.37	22,340,460
Industrials	5.48	51,583,310

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Japan (continued)		
Information Technology	7.13 % \$	67,225,013
Materials	0.97	9,148,439
Real Estate	0.08	782,532
Utilities	1.66	15,670,586
Total Japan (cost \$261,113,894)	<u>30.70</u>	<u>289,177,417</u>
Jersey		
Communication Services	0.05	459,542
Financials	0.17	1,646,996
Industrials	0.69	6,464,320
Materials	0.69	6,512,916
Total Jersey (cost \$13,091,450)	<u>1.60</u>	<u>15,083,774</u>
Kazakhstan		
Financials	0.28	2,665,605
Total Kazakhstan (cost \$2,203,612)	<u>0.28</u>	<u>2,665,605</u>
Luxembourg		
Communication Services	0.11	1,036,025
Consumer Discretionary	0.08	752,358
Materials	0.58	5,501,100
Total Luxembourg (cost \$7,578,842)	<u>0.77</u>	<u>7,289,483</u>
Mexico		
Communication Services	0.03	290,551
Consumer Discretionary	0.04	418,179
Total Mexico (cost \$792,228)	<u>0.07</u>	<u>708,730</u>
Netherlands		
Communication Services	0.06	593,044
Consumer Discretionary	0.92	8,620,498
Energy	0.09	892,557
Financials	1.49	14,067,531
Healthcare	0.12	1,106,189
Industrials	1.01	9,498,851
Information Technology	3.64	34,253,050
Real Estate	0.02	183,650
Total Netherlands (cost \$65,512,243)	<u>7.35</u>	<u>69,215,370</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
New Zealand		
Consumer Staples	0.15 % \$	1,421,570
Information Technology	<u>0.04</u>	<u>415,118</u>
Total New Zealand (cost \$1,218,584)	<u>0.19</u>	<u>1,836,688</u>
 Norway		
Communication Services	0.18	1,737,141
Consumer Staples	0.02	192,233
Energy	1.54	14,458,087
Financials	0.15	1,456,138
Industrials	0.31	2,905,701
Materials	<u>0.08</u>	<u>723,236</u>
Total Norway (cost \$19,325,142)	<u>2.28</u>	<u>21,472,536</u>
 Pakistan		
Energy	<u>0.00</u>	<u>7,477</u>
Total Pakistan (cost \$6,717)	<u>0.00</u>	<u>7,477</u>
 Panama		
Financials	<u>0.04</u>	<u>397,038</u>
Total Panama (cost \$476,917)	<u>0.04</u>	<u>397,038</u>
 Portugal		
Communication Services	0.01	111,949
Consumer Staples	0.03	308,218
Energy	0.06	538,644
Financials	0.11	996,976
Materials	<u>0.02</u>	<u>212,489</u>
Total Portugal (cost \$1,648,851)	<u>0.23</u>	<u>2,168,276</u>
 Russia		
Energy	0.00	8,349
Financials	<u>0.00</u>	<u>5,872</u>
Total Russia (cost \$5,118,584)	<u>0.00</u>	<u>14,221</u>
 Singapore		
Consumer Discretionary	0.01	56,869
Consumer Staples	0.48	4,482,629
Financials	0.56	5,264,366
Healthcare	0.01	100,418
Industrials	0.20	1,905,638

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Singapore (continued)		
Real Estate	0.02 % \$	161,437
Utilities	<u>0.25</u>	<u>2,359,151</u>
Total Singapore (cost \$13,839,816)	<u>1.53</u>	<u>14,330,508</u>
 South Africa		
Industrials	<u>0.02</u>	<u>141,461</u>
Total South Africa (cost \$127,647)	<u>0.02</u>	<u>141,461</u>
 South Korea		
Communication Services	0.20	1,841,435
Consumer Discretionary	0.29	2,747,354
Consumer Staples	0.16	1,534,003
Financials	0.54	5,130,469
Information Technology	0.09	836,416
Materials	0.10	936,686
Utilities	<u>0.05</u>	<u>453,119</u>
Total South Korea (cost \$12,676,194)	<u>1.43</u>	<u>13,479,482</u>
 Spain		
Consumer Discretionary	0.09	820,868
Energy	0.96	9,029,511
Financials	2.20	20,730,210
Industrials	0.02	178,292
Information Technology	<u>0.20</u>	<u>1,868,265</u>
Total Spain (cost \$22,671,327)	<u>3.47</u>	<u>32,627,146</u>
 Sweden		
Communication Services	0.52	4,869,093
Consumer Discretionary	0.79	7,429,905
Consumer Staples	0.00	43,746
Financials	1.49	14,073,214
Healthcare	0.07	676,685
Industrials	0.56	5,279,783
Information Technology	<u>1.00</u>	<u>9,430,957</u>
Total Sweden (cost \$36,658,347)	<u>4.43</u>	<u>41,803,383</u>
 Switzerland		
Consumer Discretionary	0.07	670,777
Consumer Staples	0.37	3,489,598
Financials	1.37	12,895,321
Healthcare	3.30	31,053,047

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Switzerland (continued)		
Industrials	0.92 % \$	8,660,415
Information Technology	0.56	5,238,708
Materials	0.52	4,888,488
Total Switzerland (cost \$67,648,660)	<u>7.11</u>	<u>66,896,354</u>
Taiwan		
Consumer Discretionary	0.01	117,473
Information Technology	0.17	1,555,052
Total Taiwan (cost \$1,480,794)	<u>0.18</u>	<u>1,672,525</u>
Thailand		
Consumer Discretionary	0.01	95,353
Energy	0.12	1,091,323
Financials	0.22	2,039,789
Healthcare	0.02	181,537
Total Thailand (cost \$3,300,881)	<u>0.37</u>	<u>3,408,002</u>
Turkey		
Information Technology	0.01	76,940
Total Turkey (cost \$80,867)	<u>0.01</u>	<u>76,940</u>
United Kingdom		
Communication Services	1.67	15,728,952
Consumer Discretionary	0.40	3,808,340
Consumer Staples	0.16	1,484,290
Energy	1.95	18,350,496
Financials	2.95	27,819,695
Healthcare	1.24	11,716,027
Industrials	2.63	24,730,122
Information Technology	0.36	3,429,500
Materials	1.51	14,178,183
Utilities	0.02	225,731
Total United Kingdom (cost \$104,712,116)	<u>12.89</u>	<u>121,471,336</u>
Total Common Stocks (cost \$1,047,664,863)	<u>126.13</u>	<u>1,187,564,055</u>
Preferred Stocks		
Brazil		
Energy	0.27	2,557,926
Financials	0.15	1,444,588
Total Brazil (cost \$3,732,433)	<u>0.42</u>	<u>4,002,514</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Preferred Stocks (continued)		
Germany		
Consumer Discretionary	0.94 % \$	8,796,659
Consumer Staples	<u>0.32</u>	<u>3,056,844</u>
Total Germany (cost \$13,960,638)	<u>1.26</u>	<u>11,853,503</u>
South Korea		
Consumer Discretionary	0.12	1,122,224
Financials	<u>0.09</u>	<u>842,773</u>
Total South Korea (cost \$1,588,916)	<u>0.21</u>	<u>1,964,997</u>
Total Preferred Stocks (cost \$19,281,987)	<u>1.89</u>	<u>17,821,014</u>
Rights		
Italy		
Industrials	<u>0.01</u>	<u>105,614</u>
Total Italy (cost \$89,446)	<u>0.01</u>	<u>105,614</u>
Total Rights (cost \$89,446)	<u>0.01</u>	<u>105,614</u>
Warrants		
Canada		
Information Technology	<u>-</u>	<u>-</u>
Total Canada (cost \$0)	<u>-</u>	<u>-</u>
Total Warrants (cost \$0)	<u>-</u>	<u>-</u>
Short-Term Investment Funds (cost \$768,137)	<u>0.08</u>	<u>768,137</u>
Total Investments in Securities, at fair value (cost \$1,067,804,433)	<u><u>128.11</u> % \$</u>	<u><u>1,206,258,820</u></u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value		
Common Stocks		
Argentina		
Utilities	(0.01) %	\$ (47,859)
Total Argentina (proceeds \$47,431)	(0.01)	(47,859)
Australia		
Consumer Discretionary	(0.16)	(1,485,992)
Energy	(0.14)	(1,296,711)
Financials	(0.14)	(1,313,553)
Healthcare	(0.02)	(174,271)
Industrials	(0.05)	(513,169)
Information Technology	(0.03)	(288,121)
Materials	(0.94)	(8,854,227)
Real Estate	(0.05)	(437,840)
Total Australia (proceeds \$18,303,456)	(1.53)	(14,363,884)
Austria		
Materials	(0.03)	(302,455)
Total Austria (proceeds \$265,552)	(0.03)	(302,455)
Bermuda		
Energy	(0.01)	(97,125)
Total Bermuda (proceeds \$97,162)	(0.01)	(97,125)
Brazil		
Industrials	(0.03)	(301,312)
Materials	(0.02)	(199,259)
Total Brazil (proceeds \$721,981)	(0.05)	(500,571)
Canada		
Communication Services	(0.00)	(22,693)
Consumer Discretionary	(0.03)	(309,648)
Consumer Staples	(0.02)	(158,058)
Energy	(3.59)	(33,828,491)
Healthcare	(0.18)	(1,651,251)
Industrials	(0.25)	(2,384,109)
Information Technology	(0.02)	(148,768)
Materials	(1.01)	(9,489,070)
Real Estate	(0.38)	(3,543,974)
Total Canada (proceeds \$62,502,540)	(5.48)	(51,536,062)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Cayman Islands		
Communication Services	(0.27) %	\$ (2,521,342)
Consumer Discretionary	(0.69)	(6,512,519)
Consumer Staples	(0.06)	(575,729)
Energy	(0.03)	(293,571)
Financials	(0.00)	(28,531)
Healthcare	(0.52)	(4,857,601)
Industrials	(0.05)	(431,386)
Information Technology	(0.08)	(771,497)
Materials	(0.00)	(25,672)
Real Estate	(0.01)	(108,582)
Total Cayman Islands (proceeds \$45,681,276)	<u>(1.71)</u>	<u>(16,126,430)</u>
China		
Consumer Discretionary	(0.19)	(1,773,646)
Healthcare	(0.07)	(667,870)
Materials	(0.00)	(33,140)
Total China (proceeds \$4,957,120)	<u>(0.26)</u>	<u>(2,474,656)</u>
Cyprus		
Consumer Discretionary	(0.00)	(485)
Total Cyprus (proceeds \$1,568,184)	<u>(0.00)</u>	<u>(485)</u>
Denmark		
Healthcare	(0.49)	(4,584,789)
Utilities	(0.00)	(33,075)
Total Denmark (proceeds \$4,255,513)	<u>(0.49)</u>	<u>(4,617,864)</u>
France		
Healthcare	(0.05)	(478,351)
Industrials	(0.01)	(134,820)
Utilities	(0.02)	(197,826)
Total France (proceeds \$3,389,389)	<u>(0.08)</u>	<u>(810,997)</u>
Germany		
Communication Services	(0.01)	(48,551)
Consumer Discretionary	(0.31)	(2,913,995)
Financials	(0.12)	(1,142,587)
Healthcare	(0.32)	(3,035,307)
Industrials	(0.19)	(1,800,430)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Germany (continued)		
Information Technology	(0.02) %	\$ (169,297)
Real Estate	<u>(0.01)</u>	<u>(75,686)</u>
Total Germany (proceeds \$11,489,244)	<u>(0.98)</u>	<u>(9,185,853)</u>
Greece		
Industrials	<u>(0.02)</u>	<u>(225,202)</u>
Total Greece (proceeds \$232,589)	<u>(0.02)</u>	<u>(225,202)</u>
Guernsey		
Consumer Discretionary	<u>(0.20)</u>	<u>(1,913,832)</u>
Total Guernsey (proceeds \$1,959,661)	<u>(0.20)</u>	<u>(1,913,832)</u>
Hong Kong		
Real Estate	<u>(0.01)</u>	<u>(68,128)</u>
Total Hong Kong (proceeds \$99,438)	<u>(0.01)</u>	<u>(68,128)</u>
India		
Consumer Discretionary	(0.03)	(248,327)
Financials	(3.04)	(28,650,478)
Healthcare	<u>(0.01)</u>	<u>(53,409)</u>
Total India (proceeds \$25,347,903)	<u>(3.08)</u>	<u>(28,952,214)</u>
Ireland		
Healthcare	<u>(0.11)</u>	<u>(1,032,721)</u>
Total Ireland (proceeds \$1,052,461)	<u>(0.11)</u>	<u>(1,032,721)</u>
Isle of Man		
Consumer Discretionary	<u>(0.10)</u>	<u>(944,447)</u>
Total Isle of Man (proceeds \$1,149,137)	<u>(0.10)</u>	<u>(944,447)</u>
Israel		
Consumer Discretionary	(0.36)	(3,415,691)
Healthcare	(0.19)	(1,790,039)
Industrials	(0.13)	(1,232,737)
Information Technology	(0.06)	(598,771)
Real Estate	(0.12)	(1,096,147)
Utilities	<u>(0.03)</u>	<u>(248,936)</u>
Total Israel (proceeds \$11,427,869)	<u>(0.89)</u>	<u>(8,382,321)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Italy		
Healthcare	(0.10) % \$	(921,218)
Industrials	(0.02)	(151,084)
Utilities	(0.00)	(42,379)
Total Italy (proceeds \$1,388,401)	<u>(0.12)</u>	<u>(1,114,681)</u>
Japan		
Communication Services	(0.67)	(6,340,922)
Consumer Discretionary	(0.82)	(7,753,513)
Consumer Staples	(0.03)	(318,568)
Financials	(0.45)	(4,266,463)
Healthcare	(1.17)	(11,039,697)
Industrials	(0.29)	(2,708,951)
Information Technology	(2.27)	(21,351,658)
Materials	(0.39)	(3,708,544)
Real Estate	(0.18)	(1,670,528)
Total Japan (proceeds \$74,012,114)	<u>(6.27)</u>	<u>(59,158,844)</u>
Jersey		
Consumer Discretionary	(0.01)	(49,320)
Industrials	(0.03)	(254,077)
Materials	(0.09)	(817,370)
Total Jersey (proceeds \$2,036,964)	<u>(0.13)</u>	<u>(1,120,767)</u>
Mexico		
Consumer Staples	(0.07)	(631,667)
Industrials	(0.05)	(514,532)
Materials	(0.02)	(185,481)
Real Estate	(0.10)	(913,463)
Total Mexico (proceeds \$2,682,818)	<u>(0.24)</u>	<u>(2,245,143)</u>
Netherlands		
Consumer Discretionary	(0.55)	(5,180,781)
Consumer Staples	(0.14)	(1,339,943)
Healthcare	(0.97)	(9,178,039)
Industrials	(0.07)	(640,545)
Total Netherlands (proceeds \$20,858,355)	<u>(1.73)</u>	<u>(16,339,308)</u>
New Zealand		
Healthcare	(0.01)	(65,310)
Total New Zealand (proceeds \$73,137)	<u>(0.01)</u>	<u>(65,310)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Norway		
Healthcare	(0.02) % \$	(188,468)
Industrials	(0.15)	(1,386,835)
Information Technology	(0.01)	(57,944)
Total Norway (proceeds \$5,547,085)	<u>(0.18)</u>	<u>(1,633,247)</u>
Poland		
Communication Services	(0.26)	(2,424,699)
Consumer Staples	(0.02)	(198,045)
Total Poland (proceeds \$2,154,376)	<u>(0.28)</u>	<u>(2,622,744)</u>
Portugal		
Utilities	(0.48)	(4,495,495)
Total Portugal (proceeds \$4,852,427)	<u>(0.48)</u>	<u>(4,495,495)</u>
Singapore		
Information Technology	(0.01)	(58,487)
Total Singapore (proceeds \$60,663)	<u>(0.01)</u>	<u>(58,487)</u>
South Africa		
Materials	(0.07)	(658,111)
Real Estate	(0.04)	(330,739)
Total South Africa (proceeds \$811,759)	<u>(0.11)</u>	<u>(988,850)</u>
Spain		
Energy	(0.00)	(36,182)
Healthcare	(0.00)	(28,783)
Industrials	(0.02)	(225,313)
Utilities	(0.22)	(2,068,565)
Total Spain (proceeds \$2,657,441)	<u>(0.24)</u>	<u>(2,358,843)</u>
Sweden		
Communication Services	(0.05)	(514,162)
Consumer Staples	(0.02)	(203,543)
Healthcare	(0.15)	(1,451,424)
Industrials	(0.61)	(5,759,564)
Information Technology	(0.04)	(421,796)
Real Estate	(0.32)	(3,044,190)
Total Sweden (proceeds \$13,608,413)	<u>(1.19)</u>	<u>(11,394,679)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Switzerland		
Consumer Staples	(0.12) % \$	(1,106,913)
Healthcare	<u>(0.14)</u>	<u>(1,277,261)</u>
Total Switzerland (proceeds \$1,703,404)	<u>(0.26)</u>	<u>(2,384,174)</u>
Thailand		
Communication Services	(0.01)	(82,952)
Information Technology	(0.01)	(121,524)
Utilities	<u>(0.19)</u>	<u>(1,808,694)</u>
Total Thailand (proceeds \$2,832,062)	<u>(0.21)</u>	<u>(2,013,170)</u>
United Kingdom		
Communication Services	(0.00)	(27,945)
Consumer Discretionary	(0.02)	(143,154)
Consumer Staples	(0.03)	(288,854)
Energy	(0.08)	(780,613)
Healthcare	(0.51)	(4,829,233)
Industrials	(0.05)	(430,410)
Information Technology	(0.02)	(208,352)
Materials	(0.39)	(3,676,078)
Utilities	<u>(0.01)</u>	<u>(52,649)</u>
Total United Kingdom (proceeds \$13,897,263)	<u>(1.11)</u>	<u>(10,437,288)</u>
United States		
Financials	(0.00)	(24,354)
Materials	<u>(0.05)</u>	<u>(439,386)</u>
Total United States (proceeds \$779,631)	<u>(0.05)</u>	<u>(463,740)</u>
Total Common Stocks (proceeds \$344,504,219)	<u>(27.66)</u>	<u>(260,477,876)</u>
Preferred Stocks		
Germany		
Healthcare	<u>(0.07)</u>	<u>(668,229)</u>
Total Germany (proceeds \$729,548)	<u>(0.07)</u>	<u>(668,229)</u>
Total Preferred Stocks (proceeds \$729,548)	<u>(0.07)</u>	<u>(668,229)</u>

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Exchange-Traded Funds⁽¹⁾		
United States		
Equity Index	(2.14) %	\$ (20,127,194)
Total United States (proceeds \$16,585,355)	<u>(2.14)</u>	<u>(20,127,194)</u>
Total Exchange-Traded Funds (proceeds \$16,585,355)	<u>(2.14)</u>	<u>(20,127,194)</u>
Warrants		
Australia		
Consumer Discretionary	-	-
Total Australia (proceeds \$0)	<u>-</u>	<u>-</u>
Total Warrants (proceeds \$0)	<u>-</u>	<u>-</u>
Total Securities Sold Short , at fair value (proceeds \$361,819,122)	<u>(29.87) %</u>	<u>\$ (281,273,299)</u>

(1) Country classification for exchange-traded funds is not based on the portfolio composition of each exchange-traded fund.

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value

Forward Foreign Currency Contracts

Currency	Percentage of Net Assets	Unrealized Gain	Percentage of Net Assets	Unrealized Loss
AUD/USD	0.07 % \$	663,040	(0.09) % \$	(817,227)
BHD/USD	0.00	448	(0.00)	(25,897)
BRL/USD	0.54	5,067,744	(0.03)	(292,607)
CAD/USD	0.05	506,030	(0.02)	(173,447)
CHF/USD	0.03	308,999	(0.01)	(47,664)
CLP/USD	0.02	221,844	(0.02)	(160,668)
CNH/USD	0.03	240,651	(0.00)	(2,223)
CNY/USD	0.02	166,802	(0.00)	(7,654)
COP/USD	0.03	294,231	(0.00)	(21,760)
CZK/USD	0.01	92,598	(0.00)	(19,854)
DKK/USD	0.03	257,069	(0.00)	(4,591)
EGP/USD	0.00	37,053	(0.01)	(50,389)
EUR/USD	0.12	1,174,779	(0.00)	(6,158)
GBP/USD	0.00	27,094	(0.03)	(303,513)
HKD/USD	0.00	25,954	(0.00)	(27,662)
HUF/USD	0.01	87,579	(0.00)	(10,827)
IDR/USD	0.02	160,583	-	-
ILS/USD	0.03	271,048	(0.00)	(498)
INR/USD	-	-	(0.00)	(14,387)
JPY/USD	0.94	8,872,093	(0.00)	(3,527)
KRW/USD	0.14	1,353,474	(0.00)	(34,536)
KWD/USD	0.00	1,104	(0.00)	(297)
KZT/USD	0.01	101,109	-	-
MAD/USD	0.00	1,798	(0.00)	(341)
MXN/USD	0.01	56,217	(0.02)	(234,736)
NOK/USD	-	-	(0.09)	(845,557)
NZD/USD	0.02	188,184	(0.01)	(80,605)
PEN/USD	0.00	6,787	-	-
PHP/USD	0.03	260,519	(0.00)	(3,349)
PLN/USD	0.01	127,001	(0.01)	(70,906)
SAR/USD	0.00	2,756	(0.00)	(6,935)
SEK/USD	0.09	876,993	(0.00)	(33,856)
SGD/USD	0.01	55,672	(0.00)	(1,295)
THB/USD	0.01	14,920	(0.00)	(1,163)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

<u>Currency</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
TRY/USD	0.00 %	\$ 1,294	(0.04) %	\$ (415,672)
TWD/USD	0.07	687,003	-	-
ZAR/USD	0.00	4,786	(0.01)	(137,897)
USD/AED	0.00	18	(0.00)	(4)
USD/AUD	0.27	2,495,538	(0.04)	(373,734)
USD/BHD	0.01	23	(0.00)	(3,953)
USD/BRL	0.00	40,942	(0.48)	(4,435,552)
USD/CAD	0.00	23,009	(0.11)	(1,030,636)
USD/CHF	0.05	464,803	(0.15)	(1,397,911)
USD/CLP	0.00	8,857	(0.02)	(219,870)
USD/CNH	0.00	1,596	(0.07)	(673,883)
USD/CNY	-	-	(0.02)	(224,388)
USD/COP	0.01	83,962	(0.03)	(285,140)
USD/CZK	-	-	(0.02)	(177,377)
USD/DKK	0.00	17,759	(0.04)	(416,746)
USD/EGP	0.00	6,129	(0.00)	(17,350)
USD/EUR	0.11	1,048,527	(0.19)	(1,747,149)
USD/GBP	0.09	859,597	(0.02)	(154,893)
USD/HKD	0.00	12,478	(0.00)	(11,132)
USD/HUF	-	-	(0.00)	(346)
USD/IDR	0.00	256	(0.02)	(172,262)
USD/ILS	-	-	(0.00)	(32,464)
USD/INR	0.01	85,521	(0.00)	(1,580)
USD/JPY	-	-	(2.08)	(19,539,838)
USD/KRW	0.00	9,268	(0.18)	(1,665,528)
USD/KWD	-	-	(0.00)	(659)
USD/KZT	-	-	(0.00)	(12,566)
USD/MAD	0.00	13,200	(0.00)	(1,465)
USD/MXN	0.00	23,137	(0.03)	(143,735)
USD/NOK	0.01	69,678	(0.08)	(798,288)
USD/NZD	0.02	145,920	(0.01)	(79,539)
USD/PHP	0.00	3,098	(0.03)	(273,911)
USD/PLN	0.01	61,689	(0.00)	(25,602)
USD/RON	-	-	(0.00)	(1)
USD/SAR	-	-	(0.00)	(225)
USD/SEK	0.02	216,084	(0.08)	(725,250)
USD/SGD	-	-	(0.00)	(29,699)

See accompanying notes to financial statements.

ARROWSTREET INTERNATIONAL EQUITY – EAFE ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

Currency	Percentage of Net Assets		Unrealized Gain		Percentage of Net Assets		Unrealized Loss
USD/THB	0.00 %	\$	475		- %	\$	-
USD/TRY	0.00		4,431		-		-
USD/TWD	-		-		(0.06)		(531,224)
USD/ZAR	0.02		174,107		-		-
Total Unrealized Gain (Loss) on Forward Foreign Currency Contracts							
	2.98 %	\$	28,085,358		(4.15) %	\$	(39,061,598)

Futures Contracts

	Percentage of Net Assets		Unrealized Gain		Percentage of Net Assets		Unrealized Loss
Exchange-Traded Futures							
Equity Index – Long Exposure	- %	\$	-		(0.05) %	\$	(452,518)
Equity Index – Short Exposure	-		-		(0.12)		(1,161,282)
Total Unrealized Gain (Loss) on Futures Contracts							
	- %	\$	-		(0.17) %	\$	(1,613,800)

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value		
Common Stocks		
Australia		
Consumer Discretionary	0.22 % \$	33,837,745
Energy	0.07	10,538,241
Information Technology	0.00	390,609
Total Australia (cost \$36,362,746)	<u>0.29</u>	<u>44,766,595</u>
Austria		
Energy	0.03	4,224,738
Financials	0.09	13,986,636
Information Technology	0.00	188,383
Materials	0.01	1,075,907
Total Austria (cost \$16,630,725)	<u>0.13</u>	<u>19,475,664</u>
Belgium		
Communication Services	0.01	791,787
Information Technology	0.00	63,918
Materials	0.01	1,144,384
Total Belgium (cost \$1,695,422)	<u>0.02</u>	<u>2,000,089</u>
Bermuda		
Communication Services	0.11	16,327,555
Consumer Discretionary	0.23	34,365,673
Consumer Staples	0.00	257,879
Energy	0.03	4,458,009
Financials	0.01	769,879
Healthcare	0.00	542,580
Industrials	0.05	7,543,283
Information Technology	0.00	538,858
Utilities	0.00	720,008
Total Bermuda (cost \$47,870,187)	<u>0.43</u>	<u>65,523,724</u>
Brazil		
Consumer Discretionary	0.01	991,160
Energy	0.50	76,532,899
Financials	0.70	106,959,619
Materials	0.01	1,547,463
Total Brazil (cost \$167,048,463)	<u>1.22</u>	<u>186,031,141</u>
Canada		
Communication Services	0.00	87,680
Consumer Discretionary	0.06	8,412,565

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Canada (continued)		
Energy	1.63 % \$	247,307,268
Financials	0.24	36,237,403
Industrials	0.11	16,314,621
Information Technology	1.26	192,082,880
Materials	0.80	120,926,152
Total Canada (cost \$578,007,675)	<u>4.10</u>	<u>621,368,569</u>
Cayman Islands		
Communication Services	1.15	175,511,114
Consumer Discretionary	1.31	199,151,183
Consumer Staples	0.07	10,863,073
Financials	0.00	160,526
Healthcare	0.01	1,463,981
Industrials	0.08	12,332,833
Information Technology	0.03	4,255,421
Materials	0.00	157,788
Total Cayman Islands (cost \$411,965,225)	<u>2.65</u>	<u>403,895,919</u>
Chile		
Communication Services	0.00	42,903
Consumer Staples	0.01	864,420
Financials	0.13	19,253,534
Total Chile (cost \$20,009,657)	<u>0.14</u>	<u>20,160,857</u>
China		
Communication Services	0.08	12,766,994
Consumer Discretionary	1.21	184,680,044
Consumer Staples	0.00	221,350
Energy	3.44	523,589,791
Financials	2.93	445,469,137
Healthcare	0.01	1,436,185
Industrials	0.71	107,284,390
Information Technology	0.82	123,964,154
Materials	0.77	116,798,876
Utilities	0.02	2,853,928
Total China (cost \$1,242,193,048)	<u>9.99</u>	<u>1,519,064,849</u>
Cyprus		
Energy	0.07	10,016,102
Total Cyprus (cost \$8,564,845)	<u>0.07</u>	<u>10,016,102</u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Czech Republic		
Financials	0.02 % \$	2,576,801
Total Czech Republic (cost \$2,526,432)	<u>0.02</u>	<u>2,576,801</u>
Denmark		
Consumer Discretionary	0.04	5,964,803
Financials	0.07	11,087,778
Healthcare	0.03	4,559,610
Industrials	0.14	20,761,687
Total Denmark (cost \$45,605,841)	<u>0.28</u>	<u>42,373,878</u>
Egypt		
Financials	0.00	58,053
Total Egypt (cost \$48,131)	<u>0.00</u>	<u>58,053</u>
Finland		
Financials	0.64	97,509,343
Information Technology	0.06	9,060,338
Total Finland (cost \$99,387,463)	<u>0.70</u>	<u>106,569,681</u>
France		
Communication Services	0.24	37,157,110
Consumer Staples	0.00	397,504
Energy	0.43	65,019,015
Financials	0.74	112,000,087
Healthcare	0.02	2,613,604
Industrials	0.17	25,429,529
Materials	0.01	1,060,127
Total France (cost \$218,323,546)	<u>1.61</u>	<u>243,676,976</u>
Germany		
Consumer Discretionary	1.16	177,019,424
Financials	0.73	110,757,567
Industrials	0.25	38,414,018
Information Technology	0.16	23,838,753
Materials	0.04	6,691,249
Utilities	0.03	3,816,800
Total Germany (cost \$337,881,588)	<u>2.37</u>	<u>360,537,811</u>
Greece		
Consumer Discretionary	0.00	432,960
Energy	0.02	3,243,079

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Greece (continued)		
Financials	0.09 % \$	14,338,505
Industrials	0.01	821,003
Materials	0.00	129,996
Total Greece (cost \$18,239,683)	<u>0.12</u>	<u>18,965,543</u>
Guernsey		
Information Technology	0.10	14,601,225
Total Guernsey (cost \$12,325,374)	<u>0.10</u>	<u>14,601,225</u>
Hong Kong		
Financials	0.01	1,685,638
Industrials	0.09	14,282,363
Information Technology	0.03	4,284,541
Materials	0.00	195,384
Real Estate	0.01	1,229,029
Utilities	0.00	120,807
Total Hong Kong (cost \$22,751,182)	<u>0.14</u>	<u>21,797,762</u>
Hungary		
Communication Services	0.00	166,943
Energy	0.00	529,993
Financials	0.02	3,034,057
Total Hungary (cost \$2,911,919)	<u>0.02</u>	<u>3,730,993</u>
Indonesia		
Energy	0.01	1,012,314
Total Indonesia (cost \$1,128,231)	<u>0.01</u>	<u>1,012,314</u>
Ireland		
Healthcare	0.56	84,792,080
Industrials	0.44	66,376,333
Information Technology	0.44	66,959,648
Total Ireland (cost \$212,812,875)	<u>1.44</u>	<u>218,128,061</u>
Israel		
Communication Services	0.01	1,159,685
Energy	0.00	676,417
Financials	0.19	28,708,857
Healthcare	0.02	3,634,361

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Israel (continued)		
Information Technology	0.43 % \$	64,647,486
Materials	<u>0.01</u>	<u>1,850,603</u>
Total Israel (cost \$97,259,151)	<u>0.66</u>	<u>100,677,409</u>
 Italy		
Communication Services	0.01	1,449,101
Consumer Discretionary	0.01	875,806
Energy	0.51	77,039,084
Financials	2.14	324,986,613
Industrials	<u>0.08</u>	<u>11,804,112</u>
Total Italy (cost \$290,130,143)	<u>2.75</u>	<u>416,154,716</u>
 Japan		
Communication Services	0.11	17,442,793
Consumer Discretionary	2.12	321,536,085
Consumer Staples	0.09	13,863,214
Energy	0.60	90,484,897
Financials	1.47	223,098,304
Healthcare	0.51	78,118,525
Industrials	1.43	217,641,676
Information Technology	2.80	426,078,918
Materials	0.21	32,663,474
Utilities	<u>0.34</u>	<u>51,220,796</u>
Total Japan (cost \$1,316,004,874)	<u>9.68</u>	<u>1,472,148,682</u>
 Jersey		
Industrials	0.18	27,993,463
Materials	<u>0.36</u>	<u>55,269,680</u>
Total Jersey (cost \$77,181,734)	<u>0.54</u>	<u>83,263,143</u>
 Kazakhstan		
Financials	<u>0.04</u>	<u>5,498,664</u>
Total Kazakhstan (cost \$3,278,745)	<u>0.04</u>	<u>5,498,664</u>
 Luxembourg		
Communication Services	0.72	110,076,120
Energy	0.03	4,215,093
Materials	<u>0.20</u>	<u>30,632,647</u>
Total Luxembourg (cost \$94,747,684)	<u>0.95</u>	<u>144,923,860</u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Malaysia		
Consumer Discretionary	0.00 %	\$ 736,328
Total Malaysia (cost \$744,776)	<u>0.00</u>	<u>736,328</u>
Mexico		
Financials	0.01	1,340,067
Total Mexico (cost \$1,586,892)	<u>0.01</u>	<u>1,340,067</u>
Netherlands		
Communication Services	0.00	77,521
Consumer Discretionary	0.23	35,237,975
Financials	0.38	57,985,317
Healthcare	0.03	4,603,478
Industrials	0.22	33,766,853
Information Technology	1.37	207,829,594
Materials	0.00	107,599
Total Netherlands (cost \$319,888,573)	<u>2.23</u>	<u>339,608,337</u>
New Zealand		
Information Technology	0.09	13,715,953
Total New Zealand (cost \$12,360,635)	<u>0.09</u>	<u>13,715,953</u>
Norway		
Energy	0.82	124,555,549
Financials	0.02	2,899,463
Industrials	0.04	5,835,832
Materials	0.20	30,188,384
Total Norway (cost \$161,112,508)	<u>1.08</u>	<u>163,479,228</u>
Philippines		
Energy	0.00	82,857
Total Philippines (cost \$93,184)	<u>0.00</u>	<u>82,857</u>
Poland		
Energy	0.00	553,147
Financials	0.10	14,863,779
Information Technology	0.00	188,513
Total Poland (cost \$9,451,016)	<u>0.10</u>	<u>15,605,439</u>
Portugal		
Communication Services	0.00	106,852
Consumer Staples	0.00	105,413

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Portugal (continued)		
Energy	0.03 % \$	3,803,608
Financials	0.01	2,241,761
Industrials	0.00	69,147
Total Portugal (cost \$4,018,915)	<u>0.04</u>	<u>6,326,781</u>
Puerto Rico		
Financials	0.04	6,177,624
Total Puerto Rico (cost \$5,410,504)	<u>0.04</u>	<u>6,177,624</u>
Russia		
Consumer Staples	0.00	2,291
Energy	0.00	266,361
Financials	0.00	587,137
Materials	0.00	78,325
Utilities	0.00	67,803
Total Russia (cost \$219,729,158)	<u>0.00</u>	<u>1,001,917</u>
Singapore		
Consumer Discretionary	0.09	14,194,105
Financials	0.05	7,940,816
Industrials	0.10	14,776,379
Materials	0.00	68,260
Total Singapore (cost \$38,296,518)	<u>0.24</u>	<u>36,979,560</u>
Slovenia		
Financials	0.00	174,894
Healthcare	0.00	650,175
Total Slovenia (cost \$390,425)	<u>0.00</u>	<u>825,069</u>
South Africa		
Consumer Discretionary	0.03	4,378,132
Financials	0.14	21,113,700
Information Technology	0.00	58,376
Total South Africa (cost \$22,487,937)	<u>0.17</u>	<u>25,550,208</u>
South Korea		
Communication Services	0.16	24,363,616
Consumer Discretionary	0.37	56,377,375
Energy	0.00	288,961
Financials	0.85	129,533,470
Industrials	0.03	4,681,904

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
South Korea (continued)		
Information Technology	1.22 % \$	185,376,413
Materials	<u>0.00</u>	<u>156,354</u>
Total South Korea (cost \$374,522,331)	<u>2.63</u>	<u>400,778,093</u>
Spain		
Consumer Discretionary	0.09	13,001,670
Energy	0.11	17,460,434
Financials	0.85	129,867,435
Industrials	0.01	1,350,835
Information Technology	<u>0.01</u>	<u>1,689,807</u>
Total Spain (cost \$112,400,968)	<u>1.07</u>	<u>163,370,181</u>
Sweden		
Communication Services	0.13	20,132,976
Consumer Discretionary	0.22	33,994,514
Financials	0.50	75,388,869
Healthcare	0.00	77,891
Information Technology	0.30	46,270,954
Materials	<u>0.03</u>	<u>3,977,023</u>
Total Sweden (cost \$163,277,550)	<u>1.18</u>	<u>179,842,227</u>
Switzerland		
Financials	0.24	36,224,081
Industrials	0.30	45,363,182
Information Technology	0.43	65,688,471
Materials	<u>0.06</u>	<u>8,450,388</u>
Total Switzerland (cost \$143,810,776)	<u>1.03</u>	<u>155,726,122</u>
Taiwan		
Consumer Discretionary	0.04	5,766,364
Industrials	0.29	43,550,175
Information Technology	<u>3.56</u>	<u>541,581,081</u>
Total Taiwan (cost \$320,369,052)	<u>3.89</u>	<u>590,897,620</u>
Thailand		
Energy	0.08	12,743,608
Financials	0.15	23,419,510
Healthcare	0.02	2,815,445
Materials	<u>0.00</u>	<u>40,943</u>
Total Thailand (cost \$42,271,190)	<u>0.25</u>	<u>39,019,506</u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Common Stocks (continued)		
Turkey		
Communication Services	0.02 % \$	2,628,356
Consumer Discretionary	0.00	180,996
Financials	0.05	7,191,346
Industrials	0.07	11,057,041
Total Turkey (cost \$10,265,627)	<u>0.14</u>	<u>21,057,739</u>
United Kingdom		
Communication Services	0.32	48,039,833
Consumer Discretionary	0.06	9,033,283
Energy	1.23	186,458,285
Financials	0.76	116,146,727
Healthcare	0.42	63,653,468
Industrials	0.50	75,466,791
Information Technology	0.14	21,312,449
Materials	0.51	77,436,779
Total United Kingdom (cost \$491,734,698)	<u>3.94</u>	<u>597,547,615</u>
United States		
Communication Services	8.23	1,250,714,933
Consumer Discretionary	14.27	2,168,740,051
Consumer Staples	5.55	843,943,757
Energy	1.27	193,753,529
Financials	7.44	1,131,276,619
Healthcare	9.05	1,374,983,662
Industrials	2.83	430,330,143
Information Technology	17.93	2,724,872,461
Materials	1.47	223,039,564
Real Estate	0.12	18,658,916
Utilities	0.08	12,862,350
Total United States (cost \$8,436,173,755)	<u>68.24</u>	<u>10,373,175,985</u>
Total Common Stocks (cost \$16,273,289,577)	<u>126.84</u>	<u>19,281,843,537</u>
Preferred Stocks		
Brazil		
Energy	0.45	67,751,463
Financials	0.23	34,832,161
Total Brazil (cost \$90,477,284)	<u>0.68</u>	<u>102,583,624</u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Investments in Securities, at fair value (continued)		
Preferred Stocks (continued)		
Germany		
Consumer Discretionary	0.25 %	\$ 37,670,287
Total Germany (cost \$46,010,890)	<u>0.25</u>	<u>37,670,287</u>
Russia		
Energy	0.01	483,015
Total Russia (cost \$26,964,031)	<u>0.01</u>	<u>483,015</u>
South Korea		
Consumer Discretionary	0.02	2,481,595
Financials	0.00	390,283
Information Technology	0.08	12,653,508
Total South Korea (cost \$14,512,113)	<u>0.10</u>	<u>15,525,386</u>
Total Preferred Stocks (cost \$177,964,318)	<u>1.04</u>	<u>156,262,312</u>
Warrants		
Thailand		
Communication Services	0.00	102
Financials	0.00	485
Total Thailand (cost \$0)	<u>0.00</u>	<u>587</u>
United States		
Energy	0.00	728,745
Total United States (cost \$0)	<u>0.00</u>	<u>728,745</u>
Total Warrants (cost \$0)	<u>0.00</u>	<u>729,332</u>
Short-Term Investment Funds (cost \$44,469,240)	<u>0.29</u>	<u>44,469,240</u>
Total Investments in Securities, at fair value (cost \$16,495,723,135)	<u>128.17 %</u>	<u>\$ 19,483,304,421</u>

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value		
Common Stocks		
Australia		
Materials	(0.01) %	\$ (1,512,182)
Total Australia (proceeds \$2,700,568)	(0.01)	(1,512,182)
Bermuda		
Energy	(0.07)	(10,024,321)
Healthcare	(0.23)	(36,021,873)
Total Bermuda (proceeds \$47,678,523)	(0.30)	(46,046,194)
Canada		
Energy	(1.35)	(206,198,372)
Industrials	(0.03)	(3,896,831)
Materials	(0.07)	(10,972,036)
Total Canada (proceeds \$184,749,620)	(1.45)	(221,067,239)
Cayman Islands		
Consumer Discretionary	(0.32)	(48,851,942)
Consumer Staples	(0.00)	(17,583)
Information Technology	(0.01)	(875,262)
Total Cayman Islands (proceeds \$192,255,917)	(0.33)	(49,744,787)
Cyprus		
Consumer Discretionary	(0.00)	(261)
Total Cyprus (proceeds \$1,301,690)	(0.00)	(261)
Finland		
Energy	(0.02)	(2,507,826)
Total Finland (proceeds \$5,604,925)	(0.02)	(2,507,826)
India		
Financials	(0.66)	(100,475,897)
Information Technology	(0.01)	(1,954,485)
Total India (proceeds \$89,697,007)	(0.67)	(102,430,382)
Israel		
Consumer Discretionary	(0.03)	(4,260,673)
Total Israel (proceeds \$3,936,749)	(0.03)	(4,260,673)
Japan		
Communication Services	(0.01)	(1,046,563)
Consumer Discretionary	(0.02)	(2,527,706)

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
Japan (continued)		
Financials	(0.01) %	\$ (1,283,384)
Information Technology	(0.05)	(9,480,474)
Total Japan (proceeds \$16,800,700)	(0.09)	(14,338,127)
Jersey		
Consumer Discretionary	(0.33)	(49,290,831)
Healthcare	(0.01)	(1,238,705)
Materials	(0.03)	(4,964,824)
Total Jersey (proceeds \$69,376,647)	(0.37)	(55,494,360)
Netherlands		
Consumer Discretionary	(0.29)	(44,535,019)
Energy	(0.01)	(1,648,863)
Healthcare	(0.09)	(12,931,957)
Total Netherlands (proceeds \$85,821,295)	(0.39)	(59,115,839)
Portugal		
Utilities	(0.01)	(1,426,663)
Total Portugal (proceeds \$1,589,098)	(0.01)	(1,426,663)
Switzerland		
Energy	(0.18)	(27,943,671)
Healthcare	(0.21)	(31,066,497)
Total Switzerland (proceeds \$65,738,027)	(0.39)	(59,010,168)
United Kingdom		
Consumer Staples	(0.02)	(2,879,268)
Energy	(0.14)	(21,016,666)
Healthcare	(0.05)	(7,973,096)
Total United Kingdom (proceeds \$45,634,928)	(0.21)	(31,869,030)
United States		
Communication Services	(1.75)	(266,671,869)
Consumer Discretionary	(4.54)	(690,430,770)
Consumer Staples	(0.32)	(49,099,262)
Energy	(0.95)	(144,387,217)
Financials	(1.69)	(256,497,943)
Healthcare	(6.98)	(1,059,182,799)
Industrials	(2.23)	(339,378,335)
Information Technology	(6.25)	(950,094,220)

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

	<u>Percentage of Net Assets</u>	<u>Fair Value</u>
Securities Sold Short , at fair value (continued)		
Common Stocks (continued)		
United States (continued)		
Materials	(0.90) %	\$ (137,237,974)
Real Estate	(0.04)	(6,692,926)
Utilities	(0.01)	(1,620,957)
Total United States (proceeds \$4,738,794,168)	<u>(25.66)</u>	<u>(3,901,294,272)</u>
Total Common Stocks (proceeds \$5,551,679,862)	<u>(29.93)</u>	<u>(4,550,118,003)</u>
Exchange-Traded Funds ⁽¹⁾		
United States		
Equity Index	(0.07)	(10,326,328)
Total United States (proceeds \$9,974,069)	<u>(0.07)</u>	<u>(10,326,328)</u>
Total Exchange-Traded Funds (proceeds \$9,974,069)	<u>(0.07)</u>	<u>(10,326,328)</u>
Warrants		
United States		
Materials	-	-
Total United States (proceeds \$0)	<u>-</u>	<u>-</u>
Total Warrants (proceeds \$0)	<u>-</u>	<u>-</u>
Total Securities Sold Short , at fair value (proceeds \$5,561,653,931)	<u>(30.00) %</u>	<u>\$ (4,560,444,331)</u>

(1) Country classification for exchange-traded funds is not based on the portfolio composition of each exchange-traded fund.

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value

Forward Foreign Currency Contracts

<u>Currency</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
AED/USD	0.00 % \$	96	- % \$	-
AUD/USD	0.06	8,708,930	(0.10)	(13,212,358)
BHD/USD	-	-	(0.00)	(60,977)
BRL/USD	0.86	131,141,225	(0.02)	(2,410,922)
CAD/USD	0.03	5,237,405	(0.02)	(2,810,999)
CHF/USD	0.03	5,145,666	(0.00)	(160,795)
CLP/USD	0.00	44,320	(0.04)	(5,455,127)
CNH/USD	0.00	640,029	(0.00)	(40,875)
CNY/USD	0.03	3,838,065	(0.00)	(14,308)
COP/USD	0.01	1,665,791	(0.02)	(2,348,188)
CZK/USD	0.01	804,629	(0.01)	(799,559)
DKK/USD	0.03	4,747,595	(0.00)	(248,569)
EGP/USD	0.00	448,668	(0.00)	(370,181)
EUR/USD	0.09	14,342,092	(0.00)	(339,880)
GBP/USD	0.00	335,587	(0.04)	(6,607,845)
HKD/USD	0.00	441,353	(0.00)	(293,211)
HUF/USD	0.03	4,292,993	(0.00)	(750,099)
IDR/USD	0.00	42,924	(0.00)	(202,022)
ILS/USD	0.02	3,384,225	-	-
INR/USD	-	-	(0.00)	(298,408)
JPY/USD	1.01	152,604,268	(0.00)	(222,176)
KRW/USD	0.16	23,957,053	(0.01)	(1,525,739)
KWD/USD	0.00	11,265	(0.00)	(1,892)
KZT/USD	0.00	254,912	(0.00)	(115,292)
MAD/USD	-	-	(0.00)	(9)
MXN/USD	0.03	4,283,611	(0.02)	(2,558,981)
NOK/USD	-	-	(0.01)	(1,196,375)
NZD/USD	0.01	1,442,442	(0.03)	(5,319,604)
OMR/USD	-	-	(0.00)	(13,068)
PEN/USD	0.01	1,944,615	(0.00)	(195,904)
PHP/USD	0.00	449,161	-	-
PLN/USD	0.01	1,940,515	(0.00)	(512,702)
RON/USD	0.00	149,561	-	-
SAR/USD	0.00	643	(0.00)	(14,920)
SEK/USD	0.01	1,235,318	(0.03)	(4,764,726)
SGD/USD	0.01	2,120,487	(0.00)	(45,125)
THB/USD	0.01	1,055,251	(0.00)	(82,533)
TRY/USD	0.00	24,724	(0.02)	(3,333,852)
TWD/USD	0.13	19,358,536	(0.00)	(142,433)
ZAR/USD	0.00	91,052	(0.02)	(2,627,979)

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

Currency	Percentage of Net Assets	Unrealized Gain	Percentage of Net Assets	Unrealized Loss
USD/AED	0.00 %	\$ 3,361	(0.00) %	\$ (18,125)
USD/AUD	0.16	24,866,570	(0.03)	(4,928,951)
USD/BHD	0.00	1	(0.00)	(1,059)
USD/BRL	0.00	42,036	(0.73)	(109,019,278)
USD/CAD	0.00	632,208	(0.03)	(4,941,445)
USD/CHF	0.03	4,127,196	(0.07)	(11,336,628)
USD/CLP	0.01	1,062,225	(0.03)	(4,117,248)
USD/CNH	0.00	12,272	(0.06)	(9,458,402)
USD/CNY	-	-	(0.03)	(4,947,439)
USD/COP	0.00	21,648	(0.04)	(6,259,258)
USD/CZK	0.00	284,721	(0.00)	(36,826)
USD/DKK	0.00	680,356	(0.02)	(1,848,089)
USD/EGP	-	-	(0.00)	(47,044)
USD/EUR	0.07	9,974,707	(0.03)	(4,852,220)
USD/GBP	0.22	31,476,834	(0.01)	(1,093,918)
USD/HKD	0.00	68,995	(0.00)	(325,531)
USD/HUF	0.00	242,178	(0.00)	(1)
USD/IDR	0.00	203,749	(0.00)	(477,300)
USD/ILS	-	-	(0.00)	(121,746)
USD/INR	0.01	765,837	(0.00)	(41,176)
USD/JPY	-	-	(1.94)	(293,979,304)
USD/KRW	0.01	1,056,911	(0.19)	(29,365,491)
USD/KWD	0.00	7,658	-	-
USD/MAD	-	-	(0.00)	(113,097)
USD/MXN	0.00	18,550	(0.04)	(5,051,458)
USD/NOK	0.00	113,229	(0.03)	(4,063,074)
USD/NZD	0.06	8,384,807	(0.00)	(310,600)
USD/PEN	0.00	193,943	(0.01)	(1,904,627)
USD/PHP	0.00	14,922	(0.00)	(388,360)
USD/PLN	0.00	18,765	(0.00)	(247,857)
USD/RSD	-	-	(0.00)	(6)
USD/SEK	0.03	4,846,077	(0.02)	(2,496,130)
USD/SGD	0.00	17,603	(0.02)	(3,709,916)
USD/THB	0.00	894	(0.00)	(581,454)
USD/TRY	0.00	18	-	-

See accompanying notes to financial statements.

ARROWSTREET GLOBAL EQUITY – ALPHA EXTENSION FUND
CONDENSED SCHEDULE OF INVESTMENTS (continued)
June 30, 2024

Financial Derivative Instruments, at fair value (continued)

Forward Foreign Currency Contracts (continued)

<u>Currency</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
USD/TWD	0.00 %	\$ 124,657	(0.08) %	\$ (12,549,637)
USD/ZAR	0.01	1,160,011	-	-
Total Unrealized Gain (Loss) on Forward Foreign Currency Contracts	<u>3.20 %</u>	<u>\$ 486,607,946</u>	<u>(3.80) %</u>	<u>\$ (577,730,328)</u>

Futures Contracts

	<u>Percentage of Net Assets</u>	<u>Unrealized Gain</u>	<u>Percentage of Net Assets</u>	<u>Unrealized Loss</u>
Exchange-Traded Futures				
Equity Index – Long Exposure	0.01 %	\$ 1,545,505	(0.05) %	\$ (7,340,203)
Equity Index – Short Exposure	-	-	(0.02)	(3,674,913)
Total Unrealized Gain (Loss) on Futures Contracts	<u>0.01 %</u>	<u>\$ 1,545,505</u>	<u>(0.07) %</u>	<u>\$ (11,015,116)</u>

See accompanying notes to financial statements.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS
June 30, 2024

1. ORGANIZATION AND BUSINESS

The Arrowstreet US Group Trust (the “Group Trust”) is a group trust designed to permit qualified employee benefit plans and certain governmental plans to commingle their assets for investment purposes in multiple investment funds as described below, each of which is a separate trust (each, an “Investment Fund,” collectively the “Investment Funds”). The Group Trust and each Investment Fund are established pursuant to the Agreement of Trust, dated as of February 24, 2015 (as amended from time to time, the “Agreement of Trust”), between Arrowstreet Capital, Limited Partnership, as the investment manager (the “Investment Manager”) and The Bank of New York Mellon, as trustee (the “Trustee”).

The Group Trust currently consists of the following Investment Funds:

Investment Fund	Commencement Date	Benchmark
Arrowstreet International Equity – ACWI ex US Fund (“ACWI ex US Fund”)	May 15, 2013	MSCI All Country World ex US Investable Market Index, Net (unhedged), in U.S. Dollars.
Arrowstreet International Equity – Alpha Extension Fund (“International Alpha Extension Fund”)	May 15, 2015	MSCI All Country World ex US Investable Market Index, Net (unhedged), in U.S. Dollars.
Arrowstreet International Equity – EAFE Alpha Extension Fund (“International EAFE Alpha Extension Fund”)	August 3, 2015	MSCI Europe, Australasia and Far East Index, Net (unhedged), in U.S. Dollars.
Arrowstreet Global Equity – Alpha Extension Fund (“Global Alpha Extension Fund”)	July 16, 2012	MSCI All Country World Investable Market Index, Net (unhedged), in U.S. Dollars.
Arrowstreet Global Equity – Small Cap Fund	Not yet commenced	MSCI All Country World (ACWI) Small Cap Index, Net (unhedged), in U.S. Dollars.

The Investment Manager, a Massachusetts limited partnership, is responsible for managing the investment and reinvestment of each Investment Fund’s assets. The Investment Manager is a registered investment advisor under the United States Investment Advisers Act of 1940, as amended, and is regulated by the United States Securities and Exchange Commission.

The investment objective of each Investment Fund is to produce returns in excess of the equity market as specified by the relevant benchmark over rolling five year periods.

The strategy of the Investment Funds is to invest primarily in long positions (and short positions where allowed by the relevant investment guidelines) of equity securities of issuers within the Investment Fund’s benchmark that are publicly traded on stock exchanges and/or regulated markets worldwide.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

2. SIGNIFICANT ACCOUNTING POLICIES

The financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (“U.S. GAAP”). Each Investment Fund is an investment company and accordingly follows the investment company accounting and reporting guidance of the Financial Accounting Standards Board’s Accounting Standards Codification (“FASB ASC”) Topic 946, *Financial Services—Investment Companies*. Statement of Cash Flows has not been included in the financial statements for the ACWI ex US Fund under the exemption allowed under FASB ASC Topic 230, *Statement of Cash Flows*, Subtopic 10, Section 15.

The following is a summary of significant accounting policies followed by the Investment Funds in the preparation of the financial statements.

Use of Estimates

The preparation of the financial statements in conformity with U.S. GAAP requires management to make certain estimates and assumptions that could affect the reported amounts and disclosures in the financial statements. Actual results could differ from these estimates and such differences could be material to the financial statements.

Fair value estimates are made at a specific point in time, based on market conditions and information about the financial instrument. These estimates are subjective in nature and involve uncertainties and matters of significant judgment and therefore cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

Valuation of Investments in Securities and Derivative Contracts

The following valuation methods are used to determine the fair value of investments in securities and derivative contracts.

The value of portfolio investments of each Investment Fund is calculated as of each valuation day (the “Valuation Day”) as defined in the Confidential Offering Memorandum in accordance with the procedures set forth below.

The value of assets listed or traded on a stock exchange or a regulated market for which market quotations are readily available may be reported at the last traded prices as of the close of business on the Valuation Day or the last recorded trade price if there were no transactions on the Valuation Day. Where assets are listed on several exchanges, the relevant market shall be the one which constitutes the main market for such investment as established by pricing vendors utilized by the Trustee for its clients generally. The value of assets listed or traded on a regulated market but acquired or traded at a premium or at a discount outside or off the relevant stock exchange or on an over-the-counter market may be reported taking into account the level of premium or discount as of the close of business on the Valuation Day.

The value of cash, money market mutual funds and similar short-term liquid assets shall be reported at amortized cost with interest accrued, where applicable, as of the close of business on the Valuation Day.

The value of units or shares in mutual funds, private funds and other investment pools shall be reported at the latest available net asset value per unit/share or, if listed or traded on a regulated market, at the latest traded price.

The value of any exchange-traded derivative instruments shall be reported based on the relevant settlement price on the applicable exchange as of the close of business on the Valuation Day. A futures contract shall be valued as the difference between the open price on trade date and the closing price as of the close of business on the Valuation Day (on the primary exchange on which such contracts are traded), multiplied by the contract size, net of fees as applicable.

The value of over-the-counter derivatives such as forward foreign currency contracts will be reported based on prices received by the Trustee from pricing vendors using underlying asset prices, indices, reference rates, bid/ask spreads, exchange rates or other inputs or a combination of these factors on the Valuation Day.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

2. SIGNIFICANT ACCOUNTING POLICIES (continued)

Valuation of Investments in Securities and Derivative Contracts (continued)

In the event that (a) an asset or liability is not addressed by the valuation rules set out above, (b) it is considered impracticable or undesirable to carry out a valuation of a specific asset in accordance with the valuation rules set out above, (c) a tolerance check or price challenge results from the use of a secondary vendor under the Trustee's pricing guidelines applicable at the time to its clients generally and/or to the Group Trust, or (d) the Investment Manager indicates to the Trustee that it believes such valuation is not representative of an investment's fair market value, then the applicable asset or liability values will be reported by the Trustee based on an alternative method designated by the Investment Manager, acting in a manner consistent with the Investment Manager's fiduciary duties under the Agreement of Trust and applicable law. The Group Trust has engaged Lincoln Partners Advisors LLC for the purpose of determining the pricing for certain "hard-to-price" securities.

Securities Sold Short

The International Alpha Extension Fund, the International EAFE Alpha Extension Fund and the Global Alpha Extension Fund (each an "Alpha Extension Fund," collectively the "Alpha Extension Funds") sell securities which they do not own in anticipation of a decline in the market price of such securities. Upon entering into a short position, proceeds are recorded as cash and an offsetting liability for the securities borrowed or sold is established. The liability is marked-to-market while it remains open to reflect the current settlement obligation. The security sold short is generally borrowed in order to make delivery to the buyer and the borrowed security will be replaced by purchasing it at the market price at the time of replacement. Until the security is replaced, the Alpha Extension Funds are required to pay any dividends declared by the issuer of the security and certain stock borrowing and other fees, which are reflected in the Statement of Operations as "dividends on securities sold short" and "interest expense", respectively. A gain or loss is realized when a closing purchase is executed by the Alpha Extension Funds.

BNP Paribas Securities Corp. (and BNP Paribas), Citigroup Global Markets Inc. (and Citicorp Securities Services Inc. and Citibank, N.A.), J.P. Morgan Securities LLC (and JPMorgan Chase Bank, N.A.), BofA Securities, Inc. and UBS Securities LLC (and UBS AG) and State Street Bank and Trust Company are the prime brokers (collectively the "Prime Brokers") for the Alpha Extension Funds.

Cash and Foreign Cash

Cash and foreign cash represent unrestricted domestic and foreign cash balances, respectively, on deposit at the Trustee. Cash may also include cash balances held in the Group Trust dealing account, the account established in the name of the Group Trust for the purposes of effecting cash additions to, and withdrawals from, an Investment Fund.

Due from/to brokers

Due from/to brokers consists of unrestricted cash and foreign currency balances at each Investment Fund's Prime Brokers, futures commission merchants and various counterparties, as applicable. Due from/to brokers in the Statement of Assets and Liabilities include amounts on a net basis for each counterparty/broker.

Deposits for collateral

Deposits for collateral consists of restricted cash and foreign currency balances at each Investment Fund's Trustee, Prime Brokers, futures commission merchants and various counterparties, as applicable, to satisfy margin or collateral requirements. Deposits for collateral in the Statement of Assets and Liabilities include amounts on a net basis for each counterparty/broker.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

2. SIGNIFICANT ACCOUNTING POLICIES (continued)

Allocation of Income and Expenses

In the event any fee or expense is attributable to more than one Investment Fund, such fee or expense will generally be allocated among the relevant Investment Funds on a pro rata basis in accordance with the net asset value of the relevant Investment Funds that corresponds with the timing of when such fee or expense was incurred, or in such other manner as the Investment Manager may reasonably determine.

Security Transactions and Related Investment Income and Expenses

Security transactions are recorded on trade date (the date the order to buy or sell is executed). Realized gains and losses on investments are calculated on the specific identification basis. Interest income and expense are recorded on the accrual basis. Dividend income and expense are recorded on ex-date, except for dividends of certain foreign securities where the dividend may not be known until after the ex-date. In those cases, dividend income and expense, net of withholding taxes, are recorded when the Investment Funds become aware of the dividends.

Transaction Costs

Transaction costs are costs incurred to acquire financial assets or liabilities at fair value. They include fees and commissions paid to agents, brokers, and dealers. All transaction costs, other than those payable to the Prime Brokers and Trustee, when incurred, are immediately recognized in the Statement of Operations as “Net realized gain/(loss) and net increase/(decrease) in unrealized gain/loss on investments in securities, derivatives, and foreign currency transactions.” Transaction costs payable to the Prime Brokers are recognized in the Statement of Operations as part of “Prime broker fees” and transaction costs payable to the Trustee are recognized in the Statement of Operations as part of “Trustee fees.”

Foreign Currency Transactions

The accounting records of the Investment Funds are maintained in U.S. Dollars. Investments and other assets and liabilities denominated in a foreign currency are translated into U.S. Dollars at the prevailing rates of exchange at each period-end. Purchases and sales of securities, income receipts, and expense payments are translated into U.S. Dollars at the prevailing exchange rate on the respective dates of the transactions. Net realized and unrealized gains and losses on forward foreign currency contracts represent net gains and losses from the disposition of forward foreign currency contracts. Net realized and unrealized gains and losses on foreign currency transactions represent currency gains and losses realized between the trade and settlement dates on securities transactions and the difference between the amount of net investment income accrued and received. That portion of both realized and unrealized gains and losses on investments that results from fluctuations in foreign currency exchange rates is not separately disclosed and is included as “net realized gain/(loss) on investments in securities” and “net increase/(decrease) in unrealized gain/loss on investments in securities,” respectively, in the Statement of Operations.

Taxation

The Group Trust and each Investment Fund is generally exempt from federal income taxation under Section 501(a) of the Internal Revenue Code of 1986, as amended, by qualifying as a “group trust,” as defined in Revenue Ruling 81-100, as amended. The Group Trust and each Investment Fund is subject to taxation on unrelated business income at the applicable trust rates.

The Investment Funds follow the U.S. GAAP provisions for uncertainty in income taxes which clarify the accounting for uncertainty in income taxes recognized in an entity’s financial statements. These provisions require entities to determine whether it is more likely than not that a tax position will be sustained upon examination by the appropriate taxing authorities before any part of the benefit can be recorded in the financial statements. It also provides guidance on the recognition, measurement and classification of income tax uncertainties, along with any related interest and penalties. As of and for the year ended June 30, 2024, the Investment Funds had no uncertain tax positions that would require additional financial statement recognition, de-recognition, or disclosure. The Investment Funds are subject to examination by U.S. federal and state tax authorities for returns filed for the tax years for which the applicable statutes of limitations have not yet expired.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

2. SIGNIFICANT ACCOUNTING POLICIES (continued)

Taxation (continued)

The Investment Funds recognize interest and penalties, if any, related to unrecognized tax positions as net realized gain/(loss) or net increase/(decrease) in unrealized gain/loss on investments in securities in the Statement of Operations. The Investment Funds have considered the major tax jurisdictions where they make investments. Capital gains taxes payable, if any, are recorded in the Statement of Assets and Liabilities.

3. FINANCIAL DERIVATIVE INSTRUMENTS

Each Investment Fund may invest in forward foreign currency contracts, primarily investing in currency exposures within its benchmark and opportunistically outside of its benchmark, and futures contracts for the purposes of equitizing cash, risk control, market access and return enhancement. Such contracts are subject to the limits set forth in each Investment Fund's investment guidelines as detailed in the Confidential Offering Memorandum.

A forward foreign currency contract is a firm commitment to buy or sell a specified quantity of foreign currency at a specified delivery date, unless the contract closes before the specified delivery date. The terms of forward foreign currency contracts are not standardized and represent over-the-counter contracts; therefore, forward foreign currency contracts can generally be terminated or closed-out only by agreement of both parties to the contracts. Changes in the value of the contract are recorded as unrealized gains and losses. Realized gains or losses, equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed, are recorded upon delivery or receipt of the currency or, if a forward foreign currency contract is offset by entering into another forward foreign currency contract with the same broker, upon settlement of the net gain or loss. Non-deliverable forward foreign currency contracts are settled with the counterparty in U.S. Dollars without the delivery of foreign currency. Forward foreign currency contracts are not offset in the Statement of Assets and Liabilities.

A futures contract is an agreement between two parties to buy or sell specified underlying instrument(s) at specified price(s) on a future date. Upon entering into a futures contract, an Investment Fund is required to deposit with the futures commission merchants an amount of cash equal to a certain percentage of the contract amount, known as initial margin. Subsequent payments, known as variation margin, are made or received by an Investment Fund depending on the fluctuations of the value of the contract. Changes in the value of the contract are recorded as unrealized gains and losses. Realized gains or losses, equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed, are recorded when the contract is closed.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

3. FINANCIAL DERIVATIVE INSTRUMENTS (continued)

The following tables summarize the fair value of derivative instruments (not designated as hedging instruments) held as of June 30, 2024 and the related location in the accompanying Statement of Assets and Liabilities:

Asset derivative by primary underlying risk:			
Fund	Forward foreign		Total
	currency contracts⁽¹⁾ (Currency risk)	Futures contracts⁽²⁾ (Equity risk)	
ACWI ex US Fund	\$ 218,134,146	\$ -	\$ 218,134,146
International Alpha Extension Fund	96,434,682	46,624	96,481,306
International EAFE Alpha Extension Fund	28,085,358	-	28,085,358
Global Alpha Extension Fund	486,607,946	1,545,505	488,153,451

Liability derivative by primary underlying risk:			
Fund	Forward foreign		Total
	currency contracts⁽³⁾ (Currency risk)	Futures contracts⁽⁴⁾ (Equity risk)	
ACWI ex US Fund	\$ 252,566,919	\$ -	\$ 252,566,919
International Alpha Extension Fund	117,303,683	2,700,000	120,003,683
International EAFE Alpha Extension Fund	39,061,598	1,613,800	40,675,398
Global Alpha Extension Fund	577,730,328	11,015,116	588,745,444

Each of the above derivative instruments is located in the following Statement of Assets and Liabilities accounts:

- (1) Unrealized gain on forward foreign currency contracts
- (2) Unrealized gain on futures contracts
- (3) Unrealized loss on forward foreign currency contracts
- (4) Unrealized loss on futures contracts

Additionally, the following tables summarize the amount of net realized gain/(loss) and net increase/(decrease) in unrealized gain/loss on derivative instruments recognized in the Investment Funds' earnings during the year ended June 30, 2024 and the related location in the accompanying Statement of Operations:

Net realized gain/(loss) by primary underlying risk:			
Fund	Forward foreign		Total
	currency contracts⁽¹⁾ (Currency risk)	Futures contracts⁽²⁾ (Equity risk)	
ACWI ex US Fund	\$ 200,201,176	\$ 2,604,428	\$ 202,805,604
International Alpha Extension Fund	19,552,504	48,049,371	67,601,875
International EAFE Alpha Extension Fund	11,067,250	26,116,865	37,184,115
Global Alpha Extension Fund	271,551,666	462,396,828	733,948,494

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

3. FINANCIAL DERIVATIVE INSTRUMENTS (continued)

Fund	Net increase/(decrease) in unrealized gain/loss by primary underlying risk:		
	Forward foreign currency contracts⁽³⁾ (Currency risk)	Futures contracts⁽⁴⁾ (Equity risk)	Total
ACWI ex US Fund	\$ (161,159,328)	\$ -	\$ (161,159,328)
International Alpha Extension Fund	(18,167,361)	(7,808,176)	(25,975,537)
International EAFE Alpha Extension Fund	(14,729,192)	(2,956,828)	(17,686,020)
Global Alpha Extension Fund	(177,209,095)	(53,950,949)	(231,160,044)

Each of the above derivative instruments is located in the following Statement of Operations accounts:

- (1) Net realized gain/(loss) on forward foreign currency contracts
- (2) Net realized gain/(loss) on futures contracts
- (3) Net increase/(decrease) in unrealized gain/loss on forward foreign currency contracts
- (4) Net increase/(decrease) in unrealized gain/loss on futures contracts

These instruments are subject to various risks similar to non-derivative instruments including market, credit, liquidity and operation risks which are disclosed in Note 8 to the financial statements. The Investment Manager manages these risks along with the risks associated with its investing activities as part of its risk management policies.

For the year ended June 30, 2024, the average month-end volumes of the Investment Funds' derivative activities are presented below for notional values.

Fund	Average notional amount of contracts held at month-end Long Exposure	
	Forward foreign currency contracts	Futures contracts
ACWI ex US Fund	\$ 12,549,415,712	\$ 7,148,379
International Alpha Extension Fund	5,009,679,054	317,830,009
International EAFE Alpha Extension Fund	2,468,648,616	159,512,301
Global Alpha Extension Fund	24,088,855,661	2,632,216,648

Fund	Average notional amount of contracts held at month-end Short Exposure	
	Forward foreign currency contracts	Futures contracts
ACWI ex US Fund	\$ 12,579,843,235	\$ -
International Alpha Extension Fund	5,141,191,030	21,474,530
International EAFE Alpha Extension Fund	2,541,158,133	13,309,905
Global Alpha Extension Fund	26,596,497,527	26,323,653

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

3. FINANCIAL DERIVATIVE INSTRUMENTS (continued)

The Group Trust generally enters into master netting agreements and collateral agreements with certain counterparties. The agreements seek to provide the Investment Funds with the right, in the event of a default by the counterparty, to net a counterparty's rights and obligations under the agreement and to liquidate and setoff collateral against any net amount owed by the counterparty. However, in certain circumstances, the Investment Funds may not have such an agreement in place.

The following tables summarize the net fair value of the Investment Funds' derivative instruments subject to master netting agreements for which the Investment Funds have the right to offset in the Statement of Assets and Liabilities, related cash collateral received/pledged as of June 30, 2024 and the corresponding location in the accompanying Statement of Assets and Liabilities. The Investment Funds have elected not to offset such derivative instruments in the Statement of Assets and Liabilities.

Derivative Assets for forward foreign currency contracts	<u>Gross amounts not offset in the Statement of Assets and Liabilities</u>			
	Gross amounts of assets presented in the Statement of		Cash	
	Assets and Liabilities	Financial Instruments	Collateral Received ⁽¹⁾	Net Assets
ACWI ex US Fund	\$ 218,134,146	\$ 211,911,050	\$ 5,879,963	\$ 343,133
International Alpha Extension Fund	96,434,682	94,326,011	1,930,000	178,671
International EAFE Alpha Extension Fund	28,085,358	28,085,358	-	-
Global Alpha Extension Fund	486,607,946	474,102,216	12,505,730	-

Derivative Liabilities for forward foreign currency contracts	<u>Gross amounts not offset in the Statement of Assets and Liabilities</u>			
	Gross amounts of liabilities presented in the Statement of		Cash	
	Assets and Liabilities	Financial Instruments	Collateral Pledged ⁽¹⁾	Net Liabilities
ACWI ex US Fund	\$ 252,566,919	\$ 211,911,050	\$ 38,311,895	\$ 2,343,974
International Alpha Extension Fund	117,303,683	94,326,011	21,513,921	1,463,751
International EAFE Alpha Extension Fund	39,061,598	28,085,358	9,593,610	1,382,630
Global Alpha Extension Fund	577,730,328	474,102,216	94,487,905	9,140,207

⁽¹⁾ In some instances, cash collateral received and/or pledged may be more than the amount shown due to overcollateralization.

The Investment Funds follow the U.S. GAAP provisions for disclosures about derivative instruments and hedging activities which require disclosures to enable investors to better understand how those instruments and activities are accounted for; how and why they are used; and their effects on an entity's financial position, financial performance, and cash flows. The disclosure requirements distinguish between derivatives which are accounted for as "hedges" and those that do not qualify for such accounting. The Investment Funds' positions reflect derivatives at fair value, which do not qualify as hedges, and recognize changes in fair value through the Statement of Operations.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

4. FAIR VALUE MEASUREMENTS

FASB ASC Topic 820, *Fair Value Measurement* (“ASC 820”), establishes a framework for measuring fair value. The framework establishes a hierarchy for fair value measurement based upon the transparency of inputs to the valuation of an asset or liability. Inputs may be observable or unobservable and refer to the assumptions that market participants would use in pricing the asset or liability. Observable inputs are inputs that reflect the assumptions market participants would use in pricing the asset or liability developed based on market data obtained from sources independent of the reporting entity. Unobservable inputs are inputs that reflect the reporting entity’s own assumptions about the assumptions market participants would use in pricing the asset or liability developed based on the best information available in the circumstances.

The fair value hierarchy is categorized into the three levels based on inputs as follows:

Level 1 – Valuation based on unadjusted quoted prices in active markets or exchanges for an identical asset or liability.

Level 2 – Valuation based on quoted prices in markets that are not active or inputs that are observable either directly or indirectly, and fair value is determined through use of models or other valuation methodologies.

Level 3 – Valuation based on inputs that are unobservable and significant to the overall fair value measurement.

The following fair value hierarchy tables present information about the Investment Funds’ financial assets and liabilities measured at fair value at June 30, 2024:

ACWI ex US Fund

	<u>Fair Value Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
<u>Assets</u>				
Common stocks	\$ 3,191,803,523	\$ 3,191,224,759	\$ -	\$ 578,764
Preferred stocks	131,593,898	131,593,898	-	-
Warrants	-	-	-	-
Forward foreign currency contracts	218,134,146	-	218,134,146	-
	<u>\$ 3,541,531,567</u>	<u>\$ 3,322,818,657</u>	<u>\$ 218,134,146</u>	<u>\$ 578,764</u>
<u>Liabilities</u>				
Forward foreign currency contracts	\$ 252,566,919	\$ -	\$ 252,566,919	\$ -
	<u>\$ 252,566,919</u>	<u>\$ -</u>	<u>\$ 252,566,919</u>	<u>\$ -</u>

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

4. FAIR VALUE MEASUREMENTS (continued)

International Alpha Extension Fund

	<u>Fair Value Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
<u>Assets</u>				
Common stocks	\$ 1,990,981,753	\$ 1,990,838,005	\$ -	\$ 143,748
Preferred stocks	58,915,409	58,915,409	-	-
Warrants	-	-	-	-
Short-term investment funds	1,357,225	1,357,225	-	-
Forward foreign currency contracts	96,434,682	-	96,434,682	-
Futures contracts	46,624	46,624	-	-
	<u>\$ 2,147,735,693</u>	<u>\$ 2,051,157,263</u>	<u>\$ 96,434,682</u>	<u>\$ 143,748</u>
<u>Liabilities</u>				
Common stocks	\$ 467,641,173	\$ 466,953,754	\$ -	\$ 687,419
Preferred stocks	4,447,112	4,447,112	-	-
Exchange-traded funds	2,263,508	2,263,508	-	-
Warrants	80	80	-	-
Forward foreign currency contracts	117,303,683	-	117,303,683	-
Futures contracts	2,700,000	2,700,000	-	-
	<u>\$ 594,355,556</u>	<u>\$ 476,364,454</u>	<u>\$ 117,303,683</u>	<u>\$ 687,419</u>

International EAFE Alpha Extension Fund

	<u>Fair Value Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
<u>Assets</u>				
Common stocks	\$ 1,187,564,055	\$ 1,187,488,873	\$ -	\$ 75,182
Preferred stocks	17,821,014	17,821,014	-	-
Rights	105,614	105,614	-	-
Warrants	-	-	-	-
Short-term investment funds	768,137	768,137	-	-
Forward foreign currency contracts	28,085,358	-	28,085,358	-
	<u>\$ 1,234,344,178</u>	<u>\$ 1,206,183,638</u>	<u>\$ 28,085,358</u>	<u>\$ 75,182</u>
<u>Liabilities</u>				
Common stocks	\$ 260,477,876	\$ 259,627,217	\$ -	\$ 850,659
Preferred stocks	668,229	668,229	-	-
Exchange-traded funds	20,127,194	20,127,194	-	-
Warrants	-	-	-	-
Forward foreign currency contracts	39,061,598	-	39,061,598	-
Futures contracts	1,613,800	1,613,800	-	-
	<u>\$ 321,948,697</u>	<u>\$ 282,036,440</u>	<u>\$ 39,061,598</u>	<u>\$ 850,659</u>

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

4. FAIR VALUE MEASUREMENTS (continued)

Global Alpha Extension Fund

	<u>Fair Value Total</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
<u>Assets</u>				
Common stocks	\$ 19,281,843,537	\$ 19,280,841,618	\$ -	\$ 1,001,919
Preferred stocks	156,262,312	155,779,297	-	483,015
Warrants	729,332	729,332	-	-
Short-term investment funds	44,469,240	44,469,240	-	-
Forward foreign currency contracts	486,607,946	-	486,607,946	-
Futures contracts	1,545,505	1,545,505	-	-
	<u>\$ 19,971,457,872</u>	<u>\$ 19,483,364,992</u>	<u>\$ 486,607,946</u>	<u>\$ 1,484,934</u>
<u>Liabilities</u>				
Common stocks	\$ 4,550,118,003	\$ 4,550,117,742	\$ -	\$ 261
Exchange-traded funds	10,326,328	10,326,328	-	-
Warrants	-	-	-	-
Forward foreign currency contracts	577,730,328	-	577,730,328	-
Futures contracts	11,015,116	11,015,116	-	-
	<u>\$ 5,149,189,775</u>	<u>\$ 4,571,459,186</u>	<u>\$ 577,730,328</u>	<u>\$ 261</u>

Level 3 investments at the beginning and/or end of the year in relation to net assets were not significant and accordingly, a reconciliation of Level 3 assets for the year ended June 30, 2024 is not presented for the Investment Funds.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

5. CAPITAL STOCK

A unitholder's beneficial interest in an Investment Fund is represented by units in such Investment Fund, each representing an undivided proportionate interest in all assets and liabilities of such Investment Fund, and each without priority or preference over other units of such Investment Fund.

A unitholder is permitted to make an addition to an Investment Fund as of the 1st and 15th calendar day of each month (provided that if any such day is not a business day then the next following business day), or on any other date as determined in the discretion of the Investment Manager (each such day, a "Dealing Day"). The minimum initial addition to an Investment Fund is \$10 million unless such minimum is waived by the Investment Manager. A unitholder is permitted to voluntarily withdraw all or a portion of its units as of a Dealing Day, provided that prior notice is executed, received and completed in good order as determined by the Investment Manager in accordance with the timelines provided in the Confidential Offering Memorandum.

A unitholder making an addition or withdrawal may be subject to addition or withdrawal fees as described in the Confidential Offering Memorandum. The addition or withdrawal fee is paid to the applicable Investment Fund and reduces the number of units issued in connection with an addition and reduces the proceeds payable in connection with a withdrawal.

The net asset value per unit for each Investment Fund will represent the U.S. Dollar value of one unit of such Investment Fund calculated by dividing the net asset value of such Investment Fund by the number of units of such Investment Fund then outstanding. The initial net asset value per unit for each Investment Fund is \$100. Details of the units outstanding and net asset value per unit as of June 30, 2024 are disclosed in the Statement of Assets and Liabilities.

An Investment Fund may accept portfolio securities rather than cash as payment for the purchase of Investment Fund units ("in-kind addition"). The cost basis of contributed securities is equal to the market value of the securities on the date of contribution. During the year ended June 30, 2024, International Alpha Extension Fund and Global Alpha Extension Fund accepted \$292,220,961 and \$333,655,707 of in-kind additions, respectively.

An Investment Fund may distribute portfolio securities rather than cash as payment for a withdrawal of Investment Fund units ("in-kind withdrawal"). An Investment Fund recognizes gains and losses on in-kind withdrawals equal to the difference between the value of distributed securities on the date of withdrawal and the cost of those securities. During the year ended June 30, 2024, ACWI ex US Fund realized net gains of \$57,011,542 on \$352,475,740 of in-kind withdrawals.

Amounts received in advance for Dealing Days subsequent to year end, in accordance with the Confidential Offering Memorandum, are recorded as "additions received in advance" in the Statement of Assets and Liabilities.

Although the Group Trust retains the right to distribute in the form of a dividend any income from its investments and any proceeds from any gains realized on the sale of its investments, the Group Trust intends generally to follow a policy of retaining and reinvesting within the relevant Investment Fund all of the net income and capital gains realized by that Investment Fund, if any. There have been no dividends declared in respect of any Investment Fund to date.

6. RELATED PARTY TRANSACTIONS AND EXPENSES

The Investment Manager is entitled to investment management fees and where applicable, performance fees if certain performance objectives are achieved. These fees are not payable out of the Investment Funds' assets but are payable directly by each unitholder to the Investment Manager under a separate agreement with each unitholder.

To the extent that expenses to be borne by an Investment Fund are paid by the Investment Manager or its affiliates, the Investment Fund will reimburse the Investment Manager or its affiliates (as applicable) for such expenses. Amounts reimbursable to the Investment Manager are recorded in the Statement of Assets and Liabilities as "payable to affiliate", represent such expenses borne by the Investment Fund and paid by the Investment Manager for insurance and external pricing vendor fees and are expected to be reimbursed to the Investment Manager in the next fiscal year.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

7. TRUSTEE AND PRIME BROKERS

The Group Trust has retained the Trustee to provide certain day-to-day administrative and accounting services, including maintaining the official accounting records of the Group Trust and calculating the net asset value. For these services the Trustee is entitled to receive an administration fee based on the net assets of the Group Trust and certain fixed fees for its services. Each Investment Fund is charged its proportionate share of the total fees based on its net asset value as of the month-end in which such fees were incurred. The Trustee shall also be entitled to be reimbursed by the Investment Funds for all reasonable out-of-pocket expenses incurred by it for the benefit of the Investment Funds in the performance of its duties. The Trustee also serves as custodian of the Group Trust. For these services the Trustee is entitled to receive out of the assets of the Investment Funds transaction and custody charges which are charged at normal commercial rates.

The Group Trust has retained the Prime Brokers to provide prime brokerage services to the Alpha Extension Funds. Such services consist primarily of lending securities to the Alpha Extension Funds, which are used by the Alpha Extension Funds to engage in short sales of securities. The borrowing of securities by the Alpha Extension Funds is secured by collateral in the form of cash and/or securities maintained by the Alpha Extension Funds in the accounts with the Prime Brokers. In the case of State Street Bank and Trust Company ("State Street"), the collateral may be structured such that the Alpha Extension Funds enter into transactions to lend securities to State Street in exchange for cash collateral used solely to satisfy the margin requirements for the securities borrowed. The Prime Brokers hold certain cash balances and securities of the Alpha Extension Funds and are entitled to receive transaction and custody charges which are charged at normal commercial rates. As of June 30, 2024, the following amounts were required to be pledged as collateral to satisfy margin requirements for securities sold short, currency exposure, regulatory minimums, and/or other amounts required by the Prime Brokers and such amounts were met with investments in securities and deposits for collateral:

Fund	Assets pledged as collateral to the Prime Brokers
International Alpha Extension Fund	\$ 279,908,480
International EAFE Alpha Extension Fund	161,993,451
Global Alpha Extension Fund	2,564,140,646

For securities loaned to State Street, the initial cash collateral received by the Alpha Extension Funds at the beginning of each transaction shall have a value equal to at least 102% (for loans of U.S. securities) or 105% (for loans of non-U.S. securities) of the current day's market value of the loaned securities. Income from securities lending allocated to the Alpha Extension Funds is presented as "securities lending income" in the Statement of Operations. The risks associated with lending securities include, but are not limited to, possible delays in receiving additional collateral or in the recovery of the loaned securities. The following is a summary of outstanding loans of securities which are subject to offset as of June 30, 2024:

Fund	Outstanding Loans of Securities⁽¹⁾	Cash Collateral Received⁽²⁾	Net Amount
International Alpha Extension Fund	\$ 1,353,607	\$ 1,353,607	\$ -
Global Alpha Extension Fund	30,827,954	30,827,954	-

⁽¹⁾ The outstanding loans of securities as of June 30, 2024 have a contractual maturity of overnight and continuous.

⁽²⁾ Cash collateral received is more than the amount shown due to overcollateralization. Excess cash collateral is not reflected in the table above.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

8. FINANCIAL RISKS

Market and Geopolitical Risk

The value of the securities an Investment Fund holds may change due to economic and other events that affect markets generally, as well as those that affect particular regions, countries, industries, companies or governments. These price movements, sometimes called volatility, may be greater or less depending on the types of securities an Investment Fund owns and the markets in which the securities trade. The increasing interconnectivity between global economies and financial markets increases the likelihood that events or conditions in one region or financial market may adversely impact issuers in a different country, region or financial market. Securities in an Investment Fund's portfolio may underperform due to inflation (or expectations for inflation), interest rates, and global demand for particular products or resources.

The occurrence of global events may also result in market volatility and may have long term effects on both the U.S. and global financial markets. War, terrorism, geopolitical uncertainties, public health issues and other business interruptions have caused and could cause damage or disruption to international commerce and the global economy, and thus could have a material adverse effect on the Investment Funds. The business operations of the service providers of the Investment Funds are subject to interruption by, among others, natural disasters, whether as a result of climate change or otherwise, fire, power shortages, nuclear power plant accidents and other industrial accidents, terrorist attacks and other hostile acts, labor disputes, public health issues and other events beyond their control. Such events could decrease returns for the Investment Funds. Should major public health issues, including pandemics, arise, the Investment Funds could be adversely affected by market downturns. Any such events could have a significant adverse impact on the fair value and risk profile of an Investment Fund's portfolio.

Credit Risk

Credit risk is the risk that an issuer or counterparty will be unable or unwilling to meet a commitment that it has entered into with the Investment Funds. Financial assets, which potentially expose the Investment Funds to credit risk, consist principally of cash due from brokers and receivables from investments sold. The Investment Funds' cash balances are with high credit quality, well-established financial institutions. The extent of the Investment Funds' exposure to credit risk in respect of these financial assets approximates their carrying values as recorded in the Statement of Assets and Liabilities.

During the year, securities were held at and securities transactions were cleared through the Trustee for the Investment Funds. The Alpha Extension Funds also utilized the Prime Brokers for this purpose. Each Investment Fund is subject to credit risk to the extent that the Prime Brokers or Trustee, including sub-custodians of each, may be unable to fulfill their obligations either to return the Investment Funds' securities or repay amounts owed.

Credit risk exposure on certain derivative financial instruments is mitigated for the Investment Funds by entering into International Foreign Exchange Master Agreements with the relevant counterparties, including entering into an International Swaps and Derivative Association Master Agreement with certain of the Prime Brokers. These agreements generally provide for a single net settlement of all financial instruments covered by the applicable agreement in the event of default on, or termination of, any one derivative contract.

Emerging Market Risks

Investment Funds may, to the extent authorized by their respective investment guidelines, invest in emerging market countries. These markets may be less liquid and levels of volatility in price movements may be greater than those experienced in more developed economies and markets. In addition, reporting standards and market practices may not provide the same degree of information as would generally apply internationally and therefore may increase risk. Lastly, an issuer may default on payments and such circumstances could mean that unitholders may not receive payment back on repurchase or otherwise the amount originally invested.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

8. FINANCIAL RISKS (continued)

Frontier Market Risks

Investment Funds may, to the extent authorized by their respective investment guidelines, invest in securities of companies in frontier markets. Frontier market countries often have smaller economies and/or less developed capital markets than traditional emerging market countries, and as a result the risks of investing in emerging market countries may be magnified in frontier market countries. For instance, the political and economic structures in frontier market countries may be in their infancy and developing rapidly, or may experience significant upheaval, causing a high risk of instability. Trade barriers and other protectionist measures may also have significant adverse effects on the economies of frontier countries as such economies may be largely supported by international trade. Furthermore, frontier market economies may be controlled by a few sectors which could lead to related investments being concentrated into a few sectors.

Restricted and Illiquid Securities Risk

The Investment Funds may invest in securities that are, or may in the future become, restricted or illiquid. Any securities that are thinly traded or whose resale is restricted can be difficult to sell at a desired time and price. Some of these securities may be new and complex and traded only among institutions. The markets for these securities are still developing and may not function as efficiently as established markets.

Currency Risk

Each Investment Fund may invest in assets that are denominated in a currency other than U.S. Dollars. Accordingly, the value of a unitholder's investment may be affected favorably or unfavorably by fluctuations in the rates of the different currencies. Each Investment Fund may engage in currency transactions either on a spot (i.e., cash) basis at the rate prevailing in the currency exchange market, or by entering into forward foreign currency contracts to purchase or sell currencies. In entering a forward foreign currency contract, an Investment Fund is dependent upon the creditworthiness and good faith of the counterparty. Spot and forward foreign currency contracts involve the risk that anticipated currency movements will not be accurately predicted, which may result in unlimited losses to an Investment Fund. Using forward foreign currency contracts to partially or fully protect the value of an Investment Fund's portfolio securities against a change in the value of a currency does not eliminate fluctuations in the underlying prices of the securities. For example, a decline in the value of long positions in underlying securities, coupled with an unanticipated increase in the value of the relevant currency, could expose a fully or partially hedged portfolio to unlimited losses. Forward foreign currency contracts simply establish a rate of exchange that can be achieved at some future point in time. Each Investment Fund may also use forward foreign currency contracts to actively manage currency exposure independent of the underlying Investment Fund's portfolio investments. This may expose the applicable Investment Fund to additional risks of currency fluctuations.

Risks Relating to Short Sales

The Alpha Extension Funds may engage in short sales of equity securities. The use of short sales will involve distinct investment risks, and additional transaction costs. The potential loss from an uncovered short position in an equity security is unlimited. The Alpha Extension Funds may not be able to close out a short position at any particular time or at the desired price. The use of short sales increases the market exposure of the Alpha Extension Funds and allows the Alpha Extension Funds to leverage their portfolios. Such leverage will exaggerate the effect of any increase or decrease in the value of the Alpha Extension Funds' assets and, therefore, may increase the volatility of the Alpha Extension Funds. The transaction costs associated with short sales may exceed the income received through short sales. There can be no assurance that the Alpha Extension Funds will be able to leverage their investments through short sales effectively.

ARROWSTREET US GROUP TRUST
NOTES TO FINANCIAL STATEMENTS (continued)
June 30, 2024

8. FINANCIAL RISKS (continued)

Risks Associated with Financial Derivative Instruments

Financial derivative instruments involve risks different from, and in certain cases greater than, the risks presented by more traditional investments. Each Investment Fund may enter transactions in over-the-counter markets that expose it to the credit of its counterparties and their ability to satisfy the terms of such contracts. Where an Investment Fund employs derivative contracts, it will be exposed to the risk that the counterparty may default on its obligations to perform under the relevant contract. In the event of a bankruptcy or insolvency of a counterparty, an Investment Fund could experience delays in liquidating the position and may incur significant losses. There is also a possibility that ongoing derivative transactions will be terminated unexpectedly as a result of events outside the control of an Investment Fund, for instance, bankruptcy, supervening illegality or a change in the tax or accounting laws relative to those transactions at the time the agreement was originated. In accordance with standard industry practice and where agreed with the applicable counterparty, an Investment Fund may net exposures on a counterparty by counterparty basis.

Since many financial derivative instruments have a leverage component, adverse changes in the value or level of the underlying asset, rate or index can result in a loss substantially greater than the amount invested in the derivative itself. Certain financial derivative instruments have the potential for unlimited loss regardless of the size of the initial investment. If there is a default by the other party to any such transaction, there will be contractual remedies; however, exercising such contractual rights may involve delays or costs which could result in the value of the total assets of the related portfolio being less than if the transaction had not been effected. Derivatives do not always perfectly or even highly correlate or track the value of the securities, rates or indices they are designed to track. Consequently, an Investment Fund's use of derivative techniques may not always be an effective means of, and sometimes could be counter-productive to, such Investment Fund's investment objective. An adverse price movement in a derivative position may require cash payments of variation margin by an Investment Fund that might in turn require, if there is insufficient cash available in the portfolio, the sale of an Investment Fund's investments under disadvantageous conditions. Also, there are legal risks involved in using financial derivative instruments which may result in loss due to the unexpected application of a law or regulation or because contracts are not legally enforceable or documented correctly.

9. INDEMNIFICATIONS

In the normal course of business, the Investment Funds enter into contracts that contain a variety of representations and warranties. The Investment Funds' maximum exposure under these arrangements for a breach of a representation or warranty is unknown, as this would involve future claims that may be made against the Investment Funds that have not yet occurred. However, based on experience, management expects the risk of loss in respect of any such breach to be remote.

10. SUBSEQUENT EVENTS

The Investment Funds have evaluated subsequent events through September 10, 2024, the date the financial statements were available for issuance, and have not identified any events that require disclosure and/or recognition in the financial statements.

**5500 Acquisitions & Dispositions of Assets within Plan Year**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M2574E

Status: FINAL

GT-ACWI EX US

GT_ACWIEXUS_CAAG * - GTZG94000000

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
824551105	SHIN-ETSU CHEMICAL CO LTD ADR	4,281.000	-70,742.45	81,995.11
99F285C4C	NASDAQ 100 E-MINI FUTURE (CME) EXP MAR 24	882.000	0.00	490,610.00
99F285I3C	NASDAQ 100 E-MINI IND FUT CME EXP SEP 23	17.000	0.00	70,310.00
99F734C4D	MSCI EAFE FUTURE (NYF) EXP MAR 24	408.000	0.00	333,999.99
99F740C4D	MSCI EMGMKT FUTURE (NYF) EXP MAR 24	602.000	0.00	297,700.01
AA6088204	BEACH ENERGY LTD	251,612.000	-256,351.80	245,814.04
AA6185497	CSL LTD	4,833.000	-900,729.00	937,079.39
AA6211798	COCHLEAR LTD	1,060.000	-198,754.05	235,568.14
AA6215039	COMMONWEALTH BANK OF AUSTRALIA	16,985.000	-1,190,676.10	1,115,103.53
AA6981234	WOOLWORTHS GROUP LTD	52,857.000	-1,229,287.63	1,143,934.79
AAB84LB48	YANCOAL AUSTRALIA LTD	332,414.000	-1,133,447.56	1,145,214.74
AABP5HL05	HELIA GROUP LTD	48,430.000	-118,311.51	118,050.41
AABYWR0T4	COLES GROUP LTD	66,257.000	-670,129.31	732,629.64
EBB04M8J8	EURONAV NV	103,451.000	-1,864,858.38	1,837,261.05
ED4031974	ADIDAS AG	13,752.000	-2,929,415.76	3,425,632.31
ED5334583	RHEINMETALL AG	10,605.000	-3,775,899.96	5,857,350.81
ED5497109	VOLKSWAGEN AG	1,140.000	-151,428.93	153,623.84
ED7021964	DEUTSCHE BOERSE AG	3,387.000	-690,628.89	681,072.74
ED7101063	PORSCHE AUTOMOBIL HOLDING SE	18,084.000	-960,248.12	877,668.88
EDB54C012	K+S AG	55,381.000	-801,622.22	806,109.97
EDB88MHC8	HUGO BOSS AG	16,197.000	-1,041,379.11	1,003,008.88
EDF222C4S	DAX INDEX FUTURE (EUX) EXP MAR 24	819.000	0.00	-667,003.94
EDF222L3S	DAX INDEX FUTURE (EUX) EXP DEC 23	234.000	0.00	690,503.66
EDF316C4S	EURO STOXX 50 FUTURE (EUX) EXP MAR 24	2,302.000	0.00	-121,305.91
EDF316F4S	EURO STOXX 50 FUTURE (EUX) EXP JUN 24	2,338.000	0.00	472,884.02
EDF316I3S	EURO STOXX 50 FUTURE (EUX) EXP SEP 23	1,008.000	0.00	222,742.28
EDF316L3S	EURO STOXX 50 FUTURE (EUX) EXP DEC 23	3,835.000	0.00	668,398.67
EG5263256	KGHM POLSKA MIEDZ SA	108,375.000	-2,840,910.11	2,949,313.32
EIB15CPD6	PIAGGIO & C SPA	18,348.000	-70,557.49	67,333.42
EIBLC8J16	MFE-MEDIAFOREUROPE EUR0.06 A	26,470.000	-62,949.86	54,968.05
EIBMHVLR8	TENARIS S.A. USD1	586,506.000	-9,311,128.05	9,958,492.71
ENBLRB269	UNILEVER PLC	38,832.000	-1,850,991.50	1,920,596.30
EP5973995	SONAE SGPS SA	116,984.000	-116,168.57	116,375.74
ES7147899	TEMENOS AG	8,888.000	-686,808.25	595,947.73
ESBLPLD33	SANDOZ GROUP AG	68,318.600	-1,451,880.10	1,824,037.16
ESBPF0548	AMS-OSRAM AG	58,369.000	-452,941.76	373,301.79
ETB03MQ19	BORUSAN BIRLESİK BORU FABRIKAL	20,326.000	-456,688.29	458,415.80
ETB03MRJ9	DOGUS OTOMOTIV SERVİS VE TİCAR	8,301.000	-73,128.03	73,713.53
ETB9J4ZK1	PEGASUS HAVA TASİMACILIĞI AŞ	2,980.000	-70,782.67	76,343.31

**5500 Acquisitions & Dispositions of Assets within Plan Year**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M2574E

Status: FINAL

GT-ACWI EX US

GT_ACWIEXUS_CAAG * - GTZG94000000

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
EXB4T3BW4	GLENCORE PLC	1,970,824.000	-11,772,351.43	11,296,620.40
EXF210C4X	FTSE 100 INDEX FUTURE (ICF) EXP MAR 24	1,153.000	0.00	-771,356.11
EXF210F4X	FTSE 100 INDEX FUTURE (ICF) EXP JUN 24	235.000	0.00	187,484.42
EXF210I3X	FTSE 100 INDEX FUTURE (ICF) EXP SEP 23	265.000	0.00	-10,830.94
FA6103362	ZYXEL GROUP CORP	40,000.000	-68,878.21	48,236.94
FA6156774	SERCOMM CORP	35,000.000	-143,029.95	136,576.16
FA6186797	CHIN-POON INDUSTRIAL CO LTD	57,000.000	-61,979.27	83,076.70
FA6288197	AUO CORP	2,491,000.000	-1,622,026.22	1,406,739.05
FA6324505	EVERGREEN MARINE CORP TAIWAN L	153,000.000	-490,966.65	828,791.96
FA6328936	HANNSTAR BOARD CORP	44,000.000	-83,237.56	75,598.61
FA6672481	WISTRON CORP	361,000.000	-1,467,311.98	1,088,169.49
FA6740148	TAIWAN SURFACE MOUNTING TECHNO	30,000.000	-86,313.39	89,178.75
FAB3KHQ80	WOWPRIME CORP	10,000.000	-82,645.07	77,067.80
FAB3M1XS1	NUVOTON TECHNOLOGY CORP	220,000.000	-1,002,564.12	849,273.61
FABDRZRW7	MITAC HOLDINGS CORP	1,265,000.000	-1,575,409.09	1,714,948.13
FC6026692	ANHUI GUJING DISTILLERY CO LTD CN/200596	11,800.000	-196,955.16	157,756.04
FCB54L8N7	ASIAN STAR ANCHOR CHAIN CO LTD CN/601890	1,633,500.000	-2,524,424.80	2,231,217.58
FCBD58071	BAOXINIAO HOLDING CO LTD	4,412,000.000	-3,742,109.09	3,847,566.87
FCBD5C7P5	NINGBO HUAXIANG ELECTRONIC CO	2,318,200.000	-4,655,106.45	4,226,101.09
FCBD5CJ23	BEIJING NEW BUILDING MATERIALS	377,800.000	-1,469,989.00	1,479,592.42
FCBD5CJK3	YUNNAN COPPER CO LTD	3,957,630.000	-7,722,495.78	7,187,855.59
FCBD5CLJ3	BEIJING ULTRAPOWER SOFTWARE CO	887,100.000	-1,494,165.30	1,098,555.64
FCBD5CN44	HITHINK ROYALFLUSH INFORMATION	43,034.000	-815,397.42	795,987.77
FCBD5LX35	SHANGHAI YAOJI TECHNOLOGY CO L	1,495,507.000	-6,720,757.69	4,759,456.24
FCBD5LZZ2	GANSU ENERGY CHEMICAL CO LTD	4,550,200.000	-2,039,949.18	2,132,420.64
FCBD5M054	RAINBOW DIGITAL COMMERCIAL CO	2,458,400.000	-2,164,102.14	1,932,046.08
FCBD5M138	GUANGDONG CHJ INDUSTRY CO LTD	510,600.000	-481,826.71	379,513.70
FCBD5M278	JIANGLING MOTORS CORP LTD	328,600.000	-770,787.33	733,827.99
FCBD6QWQ3	HENAN SHENHUO COAL & POWER CO	2,234,872.000	-4,976,498.04	5,173,622.98
FCBD73L77	TOPSEC TECHNOLOGIES GROUP INC	3,941,013.000	-3,962,010.64	3,156,153.10
FCBD761B3	EOPOLINK TECHNOLOGY INC LTD	162,768.000	-1,392,734.73	1,189,956.91
FCBFF1YW8	SHANGHAI DAIMAY AUTOMOTIVE INT	58,650.000	-142,242.88	138,291.19
FCBFYQHF8	BANK OF CHENGDU CO LTD	512,900.000	-827,589.17	864,401.66
FCBHQPMS8	WONDERSHARE TECHNOLOGY GROUP C	61,000.000	-875,986.44	810,226.62
FCBHWLWF0	GIGADEVICE SEMICONDUCTOR INC	76,523.000	-687,105.12	842,899.57
FCBK4XS14	MAXSCEND MICROELECTRONICS CO L	37,100.000	-703,533.64	633,163.63
FCBK92GH5	ZHONGYUAN ENVIRONMENT-PROTECTI	176,700.000	-185,590.44	183,590.08
FCBLCWHB5	ZHEJIANG TIANZHEN TECHNOLOGY C CN/301356	31,780.000	-102,314.17	84,202.47
FCBMXTYM4	SHANGHAI AIKO SOLAR ENERGY CO	452,389.000	-861,385.39	940,351.50

**5500 Acquisitions & Dispositions of Assets within Plan Year**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M2574E

Status: FINAL

GT-ACWI EX US

GT_ACWIEXUS_CAAG * - GTZG94000000

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
FCBNHPQ21	JIANGSU CHANGBAO STEELTUBE CO	2,003,800.000	-1,914,904.42	1,561,981.82
FCBNHSV94	FUJIAN APEX SOFTWARE CO LTD	27,600.000	-225,438.56	157,714.72
FCBNR4NP9	SHENZHEN TRANSSION HOLDINGS CO	21,536.000	-409,995.91	400,935.96
FCBP3R2D9	SAIC MOTOR CORP LTD	450,400.000	-936,209.52	934,494.63
FCBP3R2Y3	BAOSHAN IRON & STEEL CO LTD	199,200.000	-167,600.93	161,995.03
FCBP3R3D8	CHINA RAILWAY GROUP LTD	5,109,002.000	-5,449,791.58	4,135,986.94
FCBP3R3G1	HAIER SMART HOME CO LTD	516,773.000	-1,750,027.52	2,079,763.26
FCBP3R4H8	TBEA CO LTD	146,640.000	-347,345.73	334,099.98
FCBP3R5S3	YANKUANG ENERGY GROUP CO LTD	34,500.000	-85,107.98	92,535.68
FCBP3R6L7	XIAMEN C & D INC	3,486,714.000	-4,820,635.87	4,773,071.03
FCBP3R6Y9	GUANGSHEN RAILWAY CO LTD	1,616,800.000	-664,207.76	586,072.50
FCBP3R702	YUNNAN CHIHONG ZINC&GERMANIUM	1,209,500.000	-931,717.44	945,248.77
FCBP3R777	BEIQI FOTON MOTOR CO LTD	11,606,200.000	-5,640,846.39	4,638,768.87
FCBP3R9K6	MAANSHAN IRON & STEEL CO LTD	2,471,654.000	-917,674.91	864,159.34
FCBP3RBY3	DASHANG CO LTD	49,474.000	-122,666.16	121,484.78
FCBP3RC63	WOLONG ELECTRIC GROUP CO LTD	3,724,877.000	-8,058,092.72	7,527,062.08
FCBP3RCJ5	JANGHO GROUP CO LTD	592,420.000	-765,595.05	578,511.71
FCBP3RD39	HUAXIN CEMENT CO LTD	352,100.000	-677,691.12	712,872.94
FCBP3RGR3	COSCO SHIPPING SPECIALIZED CAR	300,100.000	-220,783.17	242,633.16
FCBP3RJM1	SHENZHEN HEUNGKONG HOLDING CO	5,554,500.000	-1,650,049.58	1,323,123.08
FCBQWRB94	SOUTHERN PUBLISHING & MEDIA CO	2,052,820.000	-5,565,059.92	3,597,902.40
FCBRS7705	NEW TREND INTERNATIONAL LOGIS-	155,400.000	-395,361.71	399,625.08
FCBYW5MY8	BANK OF JIANGSU CO LTD	2,504,000.000	-2,420,777.29	2,455,676.07
FH6081696	BEIJING ENTERPRISES HOLDINGS L HK/00392	31,500.000	-104,890.78	110,471.60
FHB01FLR9	PING AN INSURANCE GROUP CO OF HK/02318	241,500.000	-1,365,274.91	1,233,901.15
FHB04KP83	ZTE CORP HK/00763	101,400.000	-320,412.28	192,495.22
FHB0RJCG7	MINH GROUP LTD HK/00425	406,000.000	-1,215,990.81	683,400.62
FHB1VRCG2	CMOC GROUP LTD HK/03993	414,000.000	-216,461.02	222,463.75
FHB56HH45	SANY HEAVY EQUIPMENT INTERNATI HK/00631	148,000.000	-221,550.99	112,651.00
FHBM94GQ6	NEW WORLD DEVELOPMENT CO LTD HK/00017	2,518,000.000	-3,044,716.69	3,032,467.55
FHBMVXJ27	BAIRONG INC HK/06608	39,500.000	-62,713.06	46,255.37
FHBZ169C9	CHINA INTERNATIONAL CAPITAL CO HK/03908	195,600.000	-419,635.37	240,780.87
FJ6111770	SAIZERIYA CO LTD	4,300.000	-171,515.72	149,186.09
FJ6250727	DAIKIN INDUSTRIES LTD	17,500.000	-2,698,023.49	2,510,608.72
FJ6300019	ADASTRIA CO LTD	3,500.000	-88,425.79	81,176.85
FJ6332434	FAST RETAILING CO LTD	2,800.000	-739,704.01	741,493.12
FJ6335171	MITSUBISHI UFJ FINANCIAL GROUP	388,200.000	-3,585,465.16	3,617,385.40
FJ6563020	SUMITOMO MITSUI FINANCIAL GROU	38,100.000	-1,949,837.09	1,948,648.19
FJ6565033	TAKEUCHI MANUFACTURING CO LTD	4,900.000	-149,494.84	147,456.14

**5500 Acquisitions & Dispositions of Assets within Plan Year**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M2574E

Status: FINAL

GT-ACWI EX US

GT_ACWIEXUS_CAAG * - GTZG94000000

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
FJ6610409	MURATA MANUFACTURING CO LTD	78,600.000	-1,558,100.35	1,570,514.80
FJ6640687	NIDEC CORP	21,200.000	-802,327.23	866,666.29
FJ6641024	NITTETSU MINING CO LTD	1,400.000	-51,912.37	51,884.53
FJ6651189	NTN CORP	197,400.000	-377,806.09	365,868.72
FJ6659661	HYAKUGO BANK LTD/THE	13,300.000	-51,194.52	47,538.32
FJ6770625	SOFTBANK GROUP CORP	23,600.000	-1,034,328.24	1,068,237.56
FJ6804929	SHINKO ELECTRIC INDUSTRIES CO	10,500.000	-440,398.92	409,257.95
FJ6865508	SUZUKI MOTOR CORP	92,700.000	-3,607,520.61	3,327,472.12
FJ6869302	TDK CORP	28,600.000	-1,118,643.38	1,012,781.61
FJ6870409	TAKASHIMAYA CO LTD	21,000.000	-317,174.45	277,661.93
FJ6870904	TAKARA STANDARD CO LTD	5,500.000	-72,534.64	66,567.67
FJ6900289	TOSOH CORP	9,300.000	-114,611.98	122,777.74
FJB0J7D93	DAIICHI SANKYO CO LTD	22,500.000	-670,475.96	688,530.13
FJBMTVX73	SOCIONEXT INC	441,800.000	-10,132,753.45	10,809,520.68
FJBQQD164	SKYLARK HOLDINGS CO LTD	49,500.000	-835,999.84	774,865.24
FJF242I3V	TOPIX INDEX FUTURE (OSE) EXP SEP 23	428.000	0.00	782,183.07
FK6203863	SUNGWOO HITECH CO LTD	109,978.000	-952,469.22	699,048.93
FK6405864	HMM CO LTD	180,345.000	-2,253,155.35	2,192,401.64
FKB3LF568	HYUNDAI WIA CORP	2,059.000	-86,498.03	86,643.05
FZ6455536	ICL GROUP LTD	70,811.000	-468,149.20	335,868.65
LB2196288	VALE SA	81,800.000	-1,151,010.72	980,158.03
LB2645516	GERDAU SA	1,327,600.000	-7,329,911.07	5,821,803.58
LBB1XFXM6	VULCABRAS AZALEIA SA	14,800.000	-62,716.36	59,195.54
LBBJK28J5	ENAUTA PARTICIPACOES SA	14,700.000	-51,431.74	45,781.83
LBBL66B20	RAIZEN SA	1,532,600.000	-1,323,285.46	1,173,299.29
LC2718303	SOCIEDAD QUIMICA Y MINERA DE C	10,639.000	-751,775.08	707,591.63
NC2009826	AGNICO EAGLE MINES LIMITED	81,350.000	-4,786,284.86	4,616,911.79
NC2381092	TELUS CORP	83,018.000	-1,506,791.55	1,444,624.27
NC2492519	MANULIFE FINANCIAL CORP	225,596.000	-4,730,561.25	5,479,175.19
NC2521804	LOBLAW COMPANIES LTD	7,122.000	-692,179.23	788,903.01
NC2554722	CREW ENERGY INC	21,689.000	-105,293.00	89,125.63
NC2583952	METRO INC	12,724.000	-644,058.01	691,446.97
NC2879327	TECK RESOURCES LTD CL B SUB-VTG	71,963.000	-3,138,149.63	3,095,706.34
NCB188TH2	BCE INC NEW	85,619.000	-3,533,777.67	3,192,550.57
NCB4XF9J0	MEG ENERGY CORP	43,767.000	-817,330.38	829,377.03
NCB55SGV5	SECURE ENERGY SERVICES INC	34,872.000	-192,995.94	203,966.78
NCB682FM8	CINEPLEX INC	9,826.000	-66,438.24	59,289.97
NCBD9P7F5	FRONTERA ENERGY CORP	5,594.000	-47,370.78	36,024.84
NCBGM8DW7	H&R REIT UNIT NEW	19,648.000	-146,980.62	137,846.29

**5500 Acquisitions & Dispositions of Assets within Plan Year**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M2574E

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GT-ACWI EX US

GT_ACWIEXUS_CAAG * - GTZG94000000

Security ID	Security Description	Shares	Cost of Acquisitions	Proceeds of Dispositions
NCBGMG7B2	BITFARMS LTD	644,207.000	-1,418,597.68	1,384,460.26
NCBMBQR01	CANADIAN PACIFIC KANSAS CITY LTD	8,995.000	-684,385.77	707,371.34
NCBR85389	CONSTELLATION SOFTWARE INC RT 29-SEP-2023	3,060.000	0.00	103.98
SDB1WT5G0	DSV A/S	39,014.000	-6,617,475.00	6,324,897.86
SDBGJRHX6	NORDEA BANK ABP	37,288.000	-404,997.26	461,011.99
SDBN4MYF8	VESTAS WIND SYSTEMS A/S	40,837.000	-1,123,725.00	1,080,689.47
SFBPRBWM4	SSAB AB	12,016.000	-90,260.43	72,048.51
SN5258249	SUBSEA 7 SA	33,387.000	-457,566.48	463,728.18
SNBMHDM59	FRONTLINE PLC	7,719.000	-165,293.21	151,043.62
SNBQN1C50	AKER SOLUTIONS ASA	37,231.000	-156,748.05	151,654.03
SS5659908	ASTRAZENECA PLC	15,679.000	-2,076,217.97	2,092,977.17
SSB17H0S0	SSAB AB	33,635.000	-257,490.34	200,633.09
SSB17H3F5	SSAB AB	87,492.000	-663,458.28	639,050.07
SSB1QH836	VOLVO AB	885,927.000	-22,764,735.95	23,412,258.66
SSBF17YL5	ARJO AB	30,707.000	-126,534.17	134,525.41
SSBJXSCH9	EVOLUTION AB	107,172.000	-12,879,422.86	11,932,072.50
SSBMVMKS4	BETSSON AB	18,303.000	-4,273.06	4,271.19
SSBR85Z76	BETSSON AB	18,303.000	-150,566.51	201,510.05
SSBSBGVK1	ACADEMEDIA AB RTS	11,934.000	-3,002.03	802.05
SSBYSXJH4	SCANDIC HOTELS GROUP AB	10,074.000	-45,351.18	59,188.32

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
INTEREST-BEARING CASH							
	GTZF94000102	AA9123453	AUD (AUSTRALIAN DOLLARS)	122,183.740	81,258.29	81,600.41	342.12
	GTZF94000102	EG9123456	PLN (POLISH ZLOTY)	566,884.360	140,874.94	141,014.26	139.32
	GTZF94000102	EK9123457	RON (ROMANIAN LEU)	1.070	0.23	0.23	0.00
	GTZF94000102	EM9123453	HUF (HUNGARIAN FORINT)	23,813,168.480	66,146.82	64,624.32	-1,522.50
	GTZF94000102	ES9123450	CHF (SWISS FRANC)	13,348.590	14,936.88	14,854.87	-82.01
	GTZF94000102	ET9123458	TRY (NEW TURKISH LIRA)	1,837,015.850	56,027.44	56,034.77	7.33
	GTZF94000102	EX9123459	GBP (GREAT BRITISH POUNDS)	378,267.980	478,136.14	478,168.55	32.41
	GTZF94000102	FA9123458	TWD (TAIWAN DOLLAR)	2,108,200.000	65,086.00	64,984.66	-101.34
	GTZF94000102	FB9123456	THB (THAI BAHT)	423,472.510	11,540.68	11,539.55	-1.13
	GTZF94000102	FH9123453	HKD (HONG KONG DOLLARS)	11,010,052.970	1,410,207.37	1,410,207.36	-0.01
	GTZF94000102	FJ9123459	JPY (JAPANESE YEN)	1,089,520,805.000	6,809,337.23	6,773,099.78	-36,237.45
	GTZF94000102	FK9123456	KRW (SOUTH KOREAN WON)	113,563,041.000	81,801.60	82,501.28	699.68
	GTZF94000102	FM9123452	SGD (SINGAPORE DOLLARS)	42,437.620	31,383.92	31,313.50	-70.42
	GTZF94000102	FW9123450	SAR (SAUDI ARABIAN RIYAL)	582,151.280	155,186.41	155,174.13	-12.28
	GTZF94000102	FZ9123453	ILS (ISRAELI SHEKEL)	336,022.170	90,064.54	89,196.80	-867.74
	GTZF94000102	KS9123453	ZAR (SOUTH AFRICAN RAND)	379,688.480	20,739.50	20,793.45	53.95
	GTZF94000102	LB9123459	BRL (BRAZILIAN REAL)	162,414.650	29,135.42	29,240.46	105.04
	GTZF94000102	LC9123457	CLP (CHILEAN PESO)	311,108,500.000	339,267.87	329,590.21	-9,677.66
	GTZF94000102	LM9123455	MXN (MEXICAN PESO)	167,537.330	9,941.68	9,162.31	-779.37
	GTZF94000102	NC9123455	CAD (CANADIAN DOLLARS)	380,050.150	277,553.11	277,743.38	190.27
	GTZF94000102	SD9123458	DKK (DANISH KRONE)	843,924.770	123,075.62	121,284.93	-1,790.69
	GTZF94000102	SN9123456	NOK (NORWEGIAN KRONE)	2,849,550.390	267,725.45	267,626.24	-99.21
	GTZF94000102	SS9123455	SEK (SWEDISH KRONA)	1,254,901.040	118,497.87	118,496.44	-1.43
	GTZF94000102	XC9123454	CHINESE R YUAN HK (CNH) 0.000%	15,018,233.090	2,057,052.69	2,057,052.69	0.00
	GTZF94000102	XX9123458	EUR (EURO)	287,879.350	307,316.10	308,534.69	1,218.59
	GTZF94000302	AA9123487	AUD CURRENCY AT BROKER	1.650	1.10	1.10	0.00
	GTZF94000302	EX9123483	GBP CURRENCY AT BROKER 0.000%	187.540	237.92	237.07	-0.85
	GTZF94000302	FJ9123483	JPY CURRENCY AT BROKER	-15,791.990	-109.43	-98.17	11.26
	GTZF94000302	XX9123482	EUR CURRENCY AT BROKER	298.670	320.68	320.10	-0.58
TOTAL INTEREST-BEARING CASH				13,042,744.07	12,994,299.37	-48,444.70	
CORPORATE STOCK - PREFERRED							
	GTZF94000102	ED5076705	HENKEL AG & CO KGAA	32,902.000	2,553,287.19	2,934,563.43	381,276.24
	GTZF94000102	ED5169211	DRAEGERWERK AG & CO KGAA	830.000	45,061.06	44,210.76	-850.30
	GTZF94000102	ED5497166	VOLKSWAGEN AG	237,744.000	33,223,162.75	26,856,144.71	-6,367,018.04
	GTZF94000102	FK6148274	HYUNDAI MOTOR CO	4,529.000	377,058.69	602,769.75	225,711.06
	GTZF94000102	FK6152482	HYUNDAI MOTOR CO	677.000	55,335.57	89,463.32	34,127.75
	GTZF94000102	FK6155261	SAMSUNG FIRE & MARINE INSURANC	3,972.000	516,678.11	803,633.63	286,955.52
	GTZF94000102	FK6346936	LG H&H CO LTD	1,389.000	155,764.77	153,884.81	-1,879.96
	GTZF94000102	FK6451025	HYUNDAI MOTOR CO	26,247.000	2,153,192.87	3,466,547.96	1,313,355.09
	GTZF94000102	FK6520969	LG ELECTRONICS INC	4,569.000	188,980.79	161,649.28	-27,331.51

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

Security ID		Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
GTZF94000102	FK6773816	SAMSUNG ELECTRONICS CO LTD	382,865.000	17,288,711.86	17,689,943.47	401,231.61
GTZF94000102	FKBD05645	HANWHA CORP	80,245.000	862,263.01	878,526.56	16,263.55
GTZF94000102	LB2684531	PETROLEO BRASILEIRO SA	6,635,700.000	41,707,858.04	45,456,955.20	3,749,097.16
GTZF94000102	LBB00FM53	BANCO BRADESCO SA	10,048,000.000	32,399,784.55	22,431,599.87	-9,968,184.68
GTZF94000102	LBB037HR6	ITAU UNIBANCO HOLDING SA	1,452,800.000	8,975,122.68	8,458,722.64	-516,400.04
GTZF94000102	LBB23F8S2	BANCO DO ESTADO DO RIO GRANDE	32,700.000	70,983.07	67,172.63	-3,810.44
GTZF94000102	LLBJ62LW5	BANCOLOMBIA SA	182,171.000	1,542,545.85	1,498,108.78	-44,437.07
TOTAL CORPORATE STOCK - PREFERRED				142,115,790.86	131,593,896.80	-10,521,894.06
CORPORATE STOCK - COMMON						
GTZF94000102	00215W100	ASE TECHNOLOGY HOLDING CO LTD ADR	303,813.000	2,690,599.80	3,469,544.46	778,944.66
GTZF94000102	055622104	BP PLC ADR	1,084,644.000	42,746,786.67	39,155,648.40	-3,591,138.27
GTZF94000102	059460303	BANCO BRADESCO SA ADR	1,375,998.000	4,273,907.60	3,082,235.52	-1,191,672.08
GTZF94000102	05946K101	BANCO BILBAO VIZCAYA ARGENTARI ADR	72,097.000	550,684.44	723,132.91	172,448.47
GTZF94000102	05964H105	BANCO SANTANDER SA ADR	150,447.000	558,537.38	696,569.61	138,032.23
GTZF94000102	06738E204	BARCLAYS PLC ADR	240,539.000	1,783,905.34	2,576,172.69	792,267.35
GTZF94000102	11284V105	BROOKFIELD RENEWABLE CORP	20,200.000	590,265.84	573,276.00	-16,989.84
GTZF94000102	12532H104	CGI INC	33,348.000	3,487,125.68	3,328,463.88	-158,661.80
GTZF94000102	136375102	CANADIAN NATIONAL RAILWAY CO	24,205.000	2,865,658.92	2,859,336.65	-6,322.27
GTZF94000102	16965P202	CHIPMOS TECHNOLOGIES INC ADR	3,436.000	73,703.04	89,713.96	16,010.92
GTZF94000102	249906108	DESCARTES SYSTEMS GROUP INC/TH	4,130.000	330,854.30	399,949.20	69,094.90
GTZF94000102	25609L105	DOCEBO INC	2,289.000	112,253.94	88,424.07	-23,829.87
GTZF94000102	29250N105	ENBRIDGE INC	196,130.000	6,900,238.01	6,980,266.70	80,028.69
GTZF94000102	29446M102	EQUINOR ASA ADR	564,531.000	15,083,210.72	16,123,005.36	1,039,794.64
GTZF94000102	368287207	GAZPROM PJSC ADR	1,770,093.000	506,246.60	35,401.86	-470,844.74
GTZF94000102	37733W204	GSK PLC ADR	39,318.000	1,507,869.75	1,513,743.00	5,873.25
GTZF94000102	423403104	HELLO GROUP INC ADR	20,853.000	202,956.90	127,620.36	-75,336.54
GTZF94000102	42550U208	HENKEL AG & CO KGAA ADR	21,927.000	440,927.23	488,752.83	47,825.60
GTZF94000102	46591M109	JOYY INC ADR	5,828.000	223,496.10	175,364.52	-48,131.58
GTZF94000102	471115402	JARDINE MATHESON HOLDINGS LTD ADR	2,399.000	103,690.06	84,924.60	-18,765.46
GTZF94000102	48241A105	KB FINANCIAL GROUP INC ADR	15,934.000	574,956.59	902,023.74	327,067.15
GTZF94000102	55315J102	MMC NORILSK NICKEL PJSC ADR	115,154.000	144,863.73	115.15	-144,748.58
GTZF94000102	559222401	MAGNA INTERNATIONAL INC	11,551.000	624,425.82	483,986.90	-140,438.92
GTZF94000102	706327103	PEMBINA PIPELINE CORP	7,490.000	267,646.66	277,729.20	10,082.54
GTZF94000102	71654V408	PETROLEO BRASILEIRO SA ADR	640,135.000	8,830,510.40	9,275,556.15	445,045.75
GTZF94000102	722304102	PDD HOLDINGS INC ADR	106,564.000	13,449,875.53	14,167,683.80	717,808.27
GTZF94000102	803054204	SAP SE ADR	18,857.000	3,188,982.90	3,803,645.47	614,662.57
GTZF94000102	824596100	SHINHAN FINANCIAL GROUP CO LTD ADR	9,122.000	233,879.78	317,536.82	83,657.04
GTZF94000102	861012102	STMICROELECTRONICS NV	120,433.000	5,353,004.72	4,730,608.24	-622,396.48
GTZF94000102	867224107	SUNCOR ENERGY INC	143,926.000	5,201,382.90	5,483,580.60	282,197.70
GTZF94000102	874039100	TAIWAN SEMICONDUCTOR MANUFACTU ADR	411,583.000	67,773,351.99	71,537,241.23	3,763,889.24
GTZF94000102	891160509	TORONTO-DOMINION BANK/THE	72,987.000	4,331,987.59	4,011,365.52	-320,622.07

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	90400P101	ULTRAPAR PARTICIPACOES SA ADR	17,162.000	67,446.66	67,103.42	-343.24
	GTZF94000102	91912E105	VALE SA ADR	262,566.000	2,963,535.70	2,932,862.22	-30,673.48
	GTZF94000102	92763W103	VIPSHOP HOLDINGS LTD ADR	57,584.000	1,021,780.88	749,743.68	-272,037.20
	GTZF94000102	981064108	WOORI FINANCIAL GROUP INC ADR	1,929.000	51,986.55	61,805.16	9,818.61
	GTZF94000102	AA6681966	NEW HOPE CORP LTD	72,804.000	271,748.72	237,276.10	-34,472.62
	GTZF94000102	AA6948837	WESFARMERS LTD	50,126.000	2,065,603.26	2,182,007.99	116,404.73
	GTZF94000102	AAB01C7R2	SUPER RETAIL GROUP LTD	16,306.000	124,062.24	151,914.97	27,852.73
	GTZF94000102	AAB1XQXC8	WHITEHAVEN COAL LTD	115,687.000	512,473.77	591,050.96	78,577.19
	GTZF94000102	AABD20RS5	ACCENT GROUP LTD	48,125.000	59,791.68	62,191.45	2,399.77
	GTZF94000102	AABSXN8D2	OOH!MEDIA LTD	72,264.000	66,503.94	65,153.04	-1,350.90
	GTZF94000102	D18190898	DEUTSCHE BANK AG	285,319.000	3,560,744.57	4,547,984.86	987,240.29
	GTZF94000102	DV5157233	KRKA DD NOVO MESTO	4,681.000	589,390.72	692,326.92	102,936.20
	GTZF94000102	EA4422336	UNIQA INSURANCE GROUP AG	14,992.000	120,218.59	127,898.70	7,680.11
	GTZF94000102	EA4651454	OMV AG	17,925.000	759,561.84	781,124.09	21,562.25
	GTZF94000102	EA5289833	ERSTE GROUP BANK AG	40,823.000	1,425,747.83	1,935,590.70	509,842.87
	GTZF94000102	EA5699379	WIENERBERGER AG	12,072.000	369,302.28	400,565.62	31,263.34
	GTZF94000102	EAB0704T7	RAIFFEISEN BANK INTERNATIONAL	19,794.000	313,563.09	344,094.64	30,531.55
	GTZF94000102	EAB0BKSS4	VIENNA INSURANCE GROUP AG WIEN	3,864.000	100,964.19	126,307.88	25,343.69
	GTZF94000102	EABZ1GZ00	BAWAG GROUP AG	10,722.000	510,783.04	679,136.04	168,353.00
	GTZF94000102	EBB00D9P7	PROXIMUS SADP	312,160.000	2,219,909.94	2,492,453.23	272,543.29
	GTZF94000102	ED4352099	FRESENIUS SE & CO KGAA	60,351.000	1,853,164.67	1,803,311.42	-49,853.25
	GTZF94000102	ED4598584	CONTINENTAL AG	28,511.000	2,138,117.13	1,616,447.54	-521,669.59
	GTZF94000102	ED4617855	DEUTSCHE POST AG	249,358.000	9,273,943.32	10,099,356.21	825,412.89
	GTZF94000102	ED4768963	RWE AG	191,903.000	8,732,302.55	6,571,221.69	-2,161,080.86
	GTZF94000102	ED4846280	SAP SE	71,988.000	12,392,933.58	14,622,062.90	2,229,129.32
	GTZF94000102	ED5002461	HENKEL AG & CO KGAA	11,357.000	790,580.95	894,023.47	103,442.52
	GTZF94000102	ED5069213	BAYER AG	51,880.000	1,575,295.81	1,466,791.05	-108,504.76
	GTZF94000102	ED5117384	BILFINGER SE	4,175.000	162,246.42	219,700.71	57,454.29
	GTZF94000102	ED5120677	HEIDELBERG MATERIALS AG	10,650.000	1,032,623.26	1,105,116.79	72,493.53
	GTZF94000102	ED5129074	FRESENIUS MEDICAL CARE AG	34,981.000	1,261,568.97	1,340,674.11	79,105.14
	GTZF94000102	ED5231482	ALLIANZ SE	35,185.000	9,943,881.58	9,785,621.41	-158,260.17
	GTZF94000102	ED5294126	MUENCHENER RUECKVERSICHERUNGS-	16,204.000	6,776,647.33	8,110,219.48	1,333,572.15
	GTZF94000102	ED5529026	MERCEDES-BENZ GROUP AG	67,410.000	5,424,500.07	4,664,967.32	-759,532.75
	GTZF94000102	ED5727976	SIEMENS AG	49,971.000	9,050,062.33	9,303,821.15	253,758.82
	GTZF94000102	ED5750358	DEUTSCHE BANK AG	2,495,135.000	29,722,241.06	39,866,391.24	10,144,150.18
	GTZF94000102	ED5756025	BAYERISCHE MOTOREN WERKE AG	26,743.000	3,777,581.10	2,533,130.79	-1,244,450.31
	GTZF94000102	ED5842353	DEUTSCHE TELEKOM AG	525,188.000	11,958,143.00	13,216,193.21	1,258,050.21
	GTZF94000102	ED5889503	INFINEON TECHNOLOGIES AG	74,647.000	2,753,461.96	2,744,500.25	-8,961.71
	GTZF94000102	EDB4YVF55	BRENNTAG SE	75,291.000	6,158,676.91	5,080,439.42	-1,078,237.49
	GTZF94000102	EDB90LKT5	COMMERZBANK AG	88,987.000	1,058,236.08	1,352,849.23	294,613.15
	GTZF94000102	EDBP6VLQ6	DAIMLER TRUCK HOLDING AG	40,804.000	1,702,471.14	1,625,506.81	-76,964.33
	GTZF94000102	EDBZBWTJ4	HORNBACH HOLDING AG & CO KGAA	2,777.000	183,310.11	234,230.86	50,920.75
	GTZF94000102	EE4476219	INDRA SISTEMAS SA	16,377.000	231,020.91	338,930.08	107,909.17

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	EE5474007	BANKINTER SA	381,659.000	3,098,759.52	3,119,362.17	20,602.65
	GTZF94000102	EE5501908	BANCO BILBAO VIZCAYA ARGENTARI	669,236.000	5,208,595.76	6,707,756.44	1,499,160.68
	GTZF94000102	EE5669358	REPSOL SA	924,688.000	14,233,586.02	14,602,891.35	369,305.33
	GTZF94000102	EE5705947	BANCO SANTANDER SA	4,839,386.000	23,249,443.17	22,460,623.03	-788,820.14
	GTZF94000102	EEB1G40S5	MAPFRE SA	128,635.000	255,203.47	296,960.26	41,756.79
	GTZF94000102	EEB1X8QN0	BANCO DE SABADELL SA	5,309,667.000	8,456,867.38	10,245,989.41	1,789,122.03
	GTZF94000102	EEB283W91	CAIXABANK SA	3,498,576.000	17,838,274.46	18,534,267.01	695,992.55
	GTZF94000102	EEB9JHSH0	LET'S GOWEX SA	7,635.000	0.00	0.00	0.00
	GTZF94000102	EF4457083	DERICHEBOURG SA	13,249.000	73,574.21	60,348.37	-13,225.84
	GTZF94000102	EF5671732	SANOFI SA	8,893.000	952,762.23	857,224.68	-95,537.55
	GTZF94000102	EF5962339	STMICROELECTRONICS NV	93,614.000	4,059,601.98	3,698,695.11	-360,906.87
	GTZF94000102	EF5966512	SOCIETE GENERALE SA	626,060.000	15,089,227.91	14,707,877.33	-381,350.58
	GTZF94000102	EF7309687	BNP PARIBAS SA	94,990.000	7,030,819.76	6,060,483.35	-970,336.41
	GTZF94000102	EFB0C2CQ3	ENGIE SA	434,843.000	6,278,849.65	6,214,683.21	-64,166.44
	GTZF94000102	EFB15C551	TOTALENERGIES SE	176,278.000	12,726,461.30	11,775,754.25	-950,707.05
	GTZF94000102	EFBLGWF92	VALLOUREC SACA	75,713.000	1,105,419.53	1,188,374.50	82,954.97
	GTZF94000102	EFBM8H5Y8	DASSAULT SYSTEMES SE	498,269.000	23,201,740.86	18,850,898.97	-4,350,841.89
	GTZF94000102	EFBMD8F96	STELLANTIS NV	94,685.000	1,841,940.67	1,874,919.51	32,978.84
	GTZF94000102	EG5473111	BANK POLSKA KASA OPIEKI SA	21,854.000	615,852.59	913,290.13	297,437.54
	GTZF94000102	EG5810064	ORLEN SA	356,589.000	5,626,728.88	6,004,280.90	377,552.02
	GTZF94000102	EG5978952	ASSECO POLAND SA	7,881.000	155,662.82	156,931.89	1,269.07
	GTZF94000102	EG7127970	LPP SA	107.000	479,031.26	454,877.43	-24,153.83
	GTZF94000102	EGB03NGS7	POWSZECHNA KASA OSZCZEDNOSCI B	86,457.000	1,292,890.24	1,353,185.77	60,295.53
	GTZF94000102	EGB4PTLY3	KRUK SA	1,388.000	158,449.78	159,721.60	1,271.82
	GTZF94000102	EGB5P7L44	TAURON POLSKA ENERGIA SA	140,771.000	149,140.24	138,668.22	-10,472.02
	GTZF94000102	EGB63DG23	POWSZECHNY ZAKLAD UBEZPIECZEN	466,896.000	4,421,630.18	5,985,950.38	1,564,320.20
	GTZF94000102	EGBZ059D3	XTB SA	26,162.000	267,354.08	466,224.47	198,870.39
	GTZF94000102	EH5051600	HELLENIC TELECOMMUNICATIONS OR	223,058.000	3,840,857.64	3,212,998.81	-627,858.83
	GTZF94000102	EH5475650	HELLENIQ ENERGY HOLDINGS S.A.	6,717.000	57,380.17	56,151.77	-1,228.40
	GTZF94000102	EH5898661	METLEN ENERGY & METALS SA	47,396.000	1,671,643.97	1,770,771.67	99,127.70
	GTZF94000102	EH5996234	MOTOR OIL HELLAS CORINTH REFIN	8,174.000	208,976.40	205,345.76	-3,630.64
	GTZF94000102	EH7107251	OPAP SA	14,727.000	262,062.12	231,072.82	-30,989.30
	GTZF94000102	EHB1ZBHG9	AEGEAN AIRLINES SA	9,539.000	134,977.03	119,409.58	-15,567.45
	GTZF94000102	EHBG087C1	NATIONAL BANK OF GREECE SA	84,537.000	561,558.83	705,250.09	143,691.26
	GTZF94000102	EHBJ8PD99	TITAN CEMENT INTERNATIONAL SA	3,030.000	57,321.35	94,986.52	37,665.17
	GTZF94000102	EBHNC0DB5	PIRAEUS FINANCIAL HOLDINGS SA	113,541.000	487,257.09	414,467.86	-72,789.23
	GTZF94000102	EHBYZ43T0	EUROBANK ERGASIAS SERVICES AND	258,607.000	425,749.62	560,144.51	134,394.89
	GTZF94000102	EBHZ1MXR5	ALPHA SERVICES AND HOLDINGS SA	254,938.000	417,206.03	416,265.60	-940.43
	GTZF94000102	EI4056715	GENERALI	877,400.000	18,402,108.21	21,900,831.85	3,498,723.64
	GTZF94000102	EI4076838	INTESA SANPAOLO SPA	6,881,387.000	20,298,635.55	25,599,064.14	5,300,428.59
	GTZF94000102	EI4115222	BANCA POPOLARE DI SONDRIO SPA	61,489.000	255,994.45	440,217.58	184,223.13
	GTZF94000102	EI4116097	BPER BANCA SPA	1,620,421.000	7,062,332.75	8,198,895.58	1,136,562.83
	GTZF94000102	EI4253379	DANIELI & C OFFICINE MECCANICH	53,964.000	1,288,372.83	1,541,327.19	252,954.36

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEUXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	EI4574816	MEDIOBANCA BANCA DI CREDITO FI	412,809.000	4,932,298.90	6,056,839.95	1,124,541.05
	GTZF94000102	EI5898610	IMMSI SPA	656,536.000	358,525.20	321,212.78	-37,312.42
	GTZF94000102	EI5962341	STMICROELECTRONICS NV	116,462.000	5,107,805.96	4,602,669.23	-505,136.73
	GTZF94000102	EI7135250	CREDITO EMILIANO SPA	10,318.000	88,153.50	102,842.34	14,688.84
	GTZF94000102	EI7145051	ENI SPA	233,248.000	3,610,010.29	3,588,263.79	-21,746.50
	GTZF94000102	EI7242080	BANCA IFIS SPA	26,164.000	419,281.33	544,841.82	125,560.49
	GTZF94000102	EIB019M67	AZIMUT HOLDING SPA	14,412.000	318,750.92	340,122.26	21,371.34
	GTZF94000102	EIB04F676	SARAS SPA	20,930.000	30,535.68	36,316.97	5,781.29
	GTZF94000102	EIB0DJNG9	LEONARDO SPA	155,641.000	1,824,827.72	3,616,402.68	1,791,574.96
	GTZF94000102	EIB7SF139	UNIPOL GRUPPO SPA	70,634.000	376,908.75	702,514.46	325,605.71
	GTZF94000102	EIBK93RS5	BANCA MONTE DEI PASCHI DI SIEN	109,744.000	386,141.10	515,755.51	129,614.41
	GTZF94000102	EIBKRWS92	CEMENTIR HOLDING NV	6,480.000	60,268.83	64,726.84	4,458.01
	GTZF94000102	EIBLLJ384	ANIMA HOLDING SPA	24,146.000	107,402.92	120,593.70	13,190.78
	GTZF94000102	EIBMD8KX1	STELLANTIS NV	1,383,144.000	26,707,944.97	27,379,643.23	671,698.26
	GTZF94000102	EIBMY36H0	SAIPEM SPA	1,876,637.000	4,632,485.26	4,810,995.40	178,510.14
	GTZF94000102	EIBNGN9Z1	FINECOBANK BANCA FINECO SPA	124,590.000	1,807,032.25	1,858,728.31	51,696.06
	GTZF94000102	EIBYMD5K9	BANCO BPM SPA	193,374.000	904,895.02	1,246,392.99	341,497.97
	GTZF94000102	EIBYMXPS6	UNICREDIT SPA	2,257,719.000	54,014,104.71	83,734,076.26	29,719,971.55
	GTZF94000102	EIBYWP844	BANCA MEDIOLANUM SPA	213,111.000	2,111,544.01	2,354,821.67	243,277.66
	GTZF94000102	EIBYYN706	POSTE ITALIANE SPA	55,810.000	633,967.83	711,491.90	77,524.07
	GTZF94000102	EM4577463	MAGYAR TELEKOM TELECOMMUNICATI	21,479.000	25,412.57	60,854.59	35,442.02
	GTZF94000102	EM7320150	OTP BANK NYRT	25,248.000	1,013,776.08	1,255,595.54	241,819.46
	GTZF94000102	EMBD5ZXH2	MOL HUNGARIAN OIL & GAS PLC	36,382.000	299,788.76	284,155.56	-15,633.20
	GTZF94000102	EN5165290	ASM INTERNATIONAL NV	3,741.000	2,233,458.04	2,853,902.84	620,444.80
	GTZF94000102	EN5228650	RANDSTAD NV	27,665.000	1,452,529.86	1,255,082.97	-197,446.89
	GTZF94000102	EN5671511	WOLTERS KLUWER NV	117,141.000	16,069,691.77	19,434,500.17	3,364,808.40
	GTZF94000102	ENB929F49	ASML HOLDING NV	98,145.000	74,793,369.71	101,421,212.60	26,627,842.89
	GTZF94000102	ENBD9PNF3	ASR NEDERLAND NV	17,443.000	915,850.61	832,093.76	-83,756.85
	GTZF94000102	ENBNG8PQ5	NN GROUP NV	477,758.000	18,179,942.20	22,248,013.58	4,068,071.38
	GTZF94000102	ENBP6MXT5	SHELL PLC	236,209.000	7,840,722.69	8,504,809.28	664,086.59
	GTZF94000102	ENBPH0Y29	AEGON LTD	3,753,414.000	24,508,413.13	23,203,057.35	-1,305,355.78
	GTZF94000102	ENBYPBS65	ARCELORMITTAL SA	1,110,285.000	29,857,192.79	25,429,187.66	-4,428,005.13
	GTZF94000102	ENBYQP139	ABN AMRO BANK NV	1,973,832.000	33,454,256.77	32,472,225.75	-982,031.02
	GTZF94000102	ENBYWLC62	RELX PLC	44,241.000	1,603,596.03	2,036,960.93	433,364.90
	GTZF94000102	ENBZ1HM46	ADYEN NV	271.000	425,981.70	323,322.54	-102,659.16
	GTZF94000102	ENBZ57394	ING GROEP NV	1,483,081.000	22,512,033.17	25,371,472.29	2,859,439.12
	GTZF94000102	EP7025471	MOTA-ENGIL SGPS SA	12,292.000	62,277.48	45,344.74	-16,932.74
	GTZF94000102	EPB1FW752	GALP ENERGIA SGPS SA	48,976.000	783,900.27	1,035,103.35	251,203.08
	GTZF94000102	EPBGQYC40	CTT-CORREIOS DE PORTUGAL SA	11,572.000	43,945.69	51,965.60	8,019.91
	GTZF94000102	EPBZCNN37	BANCO COMERCIAL PORTUGUES SA	1,154,427.000	276,581.79	416,460.75	139,878.96
	GTZF94000102	ES5983816	ZURICH INSURANCE GROUP AG	15,373.000	7,876,309.21	8,196,310.15	320,000.94
	GTZF94000102	ES7103066	NOVARTIS AG	387,002.000	38,206,583.79	41,417,741.31	3,211,157.52
	GTZF94000102	ES7108891	ABB LTD	314,250.000	16,054,733.29	17,457,556.20	1,402,822.91

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEUXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
GTZF94000102	ES7110384	ROCHE HOLDING AG	127,085.000	37,754,876.82	35,285,674.94	-2,469,201.88
GTZF94000102	ES7110756	HOLCIM AG	55,771.000	4,962,824.90	4,941,561.34	-21,263.56
GTZF94000102	ESB119QG7	PARTNERS GROUP HOLDING AG	526.000	660,221.09	675,499.67	15,278.58
GTZF94000102	ESB18ZRK2	LOGITECH INTERNATIONAL SA	11,928.000	946,188.04	1,153,774.49	207,586.45
GTZF94000102	ESB28PS96	U-BLOX HOLDING AG	693.000	73,058.86	72,647.01	-411.85
GTZF94000102	ESB545MG7	SWISS RE AG	30,573.000	3,766,665.51	3,793,556.09	26,890.58
GTZF94000102	ESBF41XY3	LANDIS+GYR GROUP AG	2,917.000	238,948.87	235,671.27	-3,277.60
GTZF94000102	ESBMBQHZ0	SGS SA	11,607.000	973,487.70	1,033,340.75	59,853.05
GTZF94000102	ESBRJL171	UBS GROUP AG	572,560.000	15,097,068.38	16,853,118.18	1,756,049.80
GTZF94000102	ETB03MN79	AKBANK TAS	420,709.000	328,870.82	821,950.40	493,079.58
GTZF94000102	ETB03MNW4	ANADOLU ANONIM TURK SIGORTA SI	26,760.000	55,725.25	87,340.28	31,615.03
GTZF94000102	ETB03MVJ4	KOC HOLDING AS	1,211,080.000	5,089,393.31	8,378,389.74	3,288,996.43
GTZF94000102	ETB03MY85	TURKIYE SINAI KALKINMA BANKASI	168,412.000	45,147.77	60,206.77	15,059.00
GTZF94000102	ETB03MYM4	TURK TRAKTOR VE ZIRAAT MAKINEL	2,099.000	32,571.18	59,736.36	27,165.18
GTZF94000102	ETB03MYN2	TURKCELL ILETISIM HIZMETLERI A	162,490.000	466,785.79	498,619.54	31,833.75
GTZF94000102	ETB03MYP7	TURKIYE GARANTI BANKASI AS	12,521,825.000	15,722,913.78	42,931,752.53	27,208,838.75
GTZF94000102	ETB03MYS1	TURKIYE IS BANKASI AS	41,407,477.000	8,914,563.00	20,019,476.28	11,104,913.28
GTZF94000102	ETB03MYT9	TURKIYE PETROL RAFINERILERI AS	914,230.000	4,475,108.35	4,615,280.94	140,172.59
GTZF94000102	ETB03MZJ0	YAPI VE KREDI BANKASI AS	651,724.000	359,876.74	671,931.64	312,054.90
GTZF94000102	ETB03N0C1	HACI OMER SABANCI HOLDING AS	4,437,746.000	8,106,443.13	13,062,744.45	4,956,301.32
GTZF94000102	ETB0N6YC9	TURKIYE VAKIFLAR BANKASI TAO	6,452,203.000	2,895,938.34	4,337,747.71	1,441,809.37
GTZF94000102	ETB1VYN47	IS YATIRIM MENKUL DEGERLER AS	2,753.000	1,560.76	3,285.11	1,724.35
GTZF94000102	ETBF5M483	MAVI GIYIM SANAYI VE TICARET A	40,702.000	69,615.04	157,675.47	88,060.43
GTZF94000102	ETBFZCT28	SOK MARKETLER TICARET AS	39,287.000	72,753.43	75,557.68	2,804.25
GTZF94000102	EX0045610	ANTOFAGASTA PLC	559,527.000	15,805,026.75	14,923,989.50	-881,037.25
GTZF94000102	EX0798051	BP PLC	2,914,777.000	17,369,856.68	17,509,074.76	139,218.08
GTZF94000102	EX0870611	LLOYDS BANKING GROUP PLC	11,430,373.000	7,861,401.87	7,909,456.23	48,054.36
GTZF94000102	EX3091355	BT GROUP PLC	683,293.000	1,071,794.34	1,212,274.09	140,479.75
GTZF94000102	EX3134866	BARCLAYS PLC	16,156,561.000	29,781,696.60	42,664,709.80	12,883,013.20
GTZF94000102	EX5668283	COMMERCIAL INTERNATIONAL BANK GDR	148,887.000	175,696.26	221,246.08	45,549.82
GTZF94000102	EX99WL111	PHOSAGRO PJSC GDR	23.000	0.00	0.00	0.00
GTZF94000102	EX99WL2G7	PHOSAGRO PJSC GDR	3,663.000	7,589.74	10.99	-7,578.75
GTZF94000102	EXB0CL507	BANCO SANTANDER SA	12,847.000	48,063.19	58,950.81	10,887.62
GTZF94000102	EXB0KM9T9	STHREE PLC	12,013.000	61,626.75	62,564.81	938.06
GTZF94000102	EXB16D4P6	SAMSUNG ELECTRONICS CO LTD GDR	987.000	1,109,680.09	1,140,972.00	31,291.91
GTZF94000102	EXB82YXW2	VESUVIUS PLC	29,427.000	149,049.47	171,671.87	22,622.40
GTZF94000102	EXBF4HYT7	BANK OF GEORGIA GROUP PLC	4,845.000	180,170.95	247,126.18	66,955.23
GTZF94000102	EXBG11K35	REDROW PLC	37,576.000	286,419.44	316,823.81	30,404.37
GTZF94000102	EXBH4HKS0	VODAFONE GROUP PLC	6,811,304.000	6,158,731.10	6,006,454.16	-152,276.94
GTZF94000102	EXBJ1DLW8	MAN GROUP PLC/JERSEY	134,438.000	418,624.55	411,602.13	-7,022.42
GTZF94000102	EXBKDRYJ6	AIRTEL AFRICA PLC	364,367.000	598,237.91	553,176.19	-45,061.72
GTZF94000102	EXBL6C201	WICKES GROUP PLC	156,610.000	284,310.78	263,696.97	-20,613.81
GTZF94000102	EXBMV3M25	THUNGELA RESOURCES LTD	7,965.000	61,357.81	47,966.60	-13,391.21

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEUXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	EXBNYK8G7	DARKTRACE PLC	42,792.000	194,084.45	311,902.35	117,817.90
	GTZF94000102	EZBD1RP68	BANK OF IRELAND GROUP PLC	98,664.000	1,081,575.00	1,032,899.01	-48,675.99
	GTZF94000102	EZBF0L353	AIB GROUP PLC	392,602.000	2,113,453.33	2,076,926.61	-36,526.72
	GTZF94000102	FA6005856	ACER INC	775,000.000	848,810.61	1,119,206.87	270,396.26
	GTZF94000102	FA6051041	ASUSTEK COMPUTER INC	101,000.000	1,023,319.16	1,550,421.52	527,102.36
	GTZF94000102	FA6051421	REALTEK SEMICONDUCTOR CORP	49,000.000	747,819.42	824,684.43	76,865.01
	GTZF94000102	FA6094926	EVERLIGHT ELECTRONICS CO LTD	57,000.000	94,267.21	134,235.47	39,968.26
	GTZF94000102	FA6105136	UNITED INTEGRATED SERVICES CO	162,000.000	1,145,082.35	1,827,659.00	682,576.65
	GTZF94000102	FA6133450	MICRO-STAR INTERNATIONAL CO LT	94,000.000	532,710.43	515,759.13	-16,951.30
	GTZF94000102	FA6140570	CHICONY ELECTRONICS CO LTD	92,000.000	289,489.32	484,934.42	195,445.10
	GTZF94000102	FA6141016	QUANTA COMPUTER INC	279,000.000	2,191,471.06	2,683,229.79	491,758.73
	GTZF94000102	FA6141925	SUNREX TECHNOLOGY CORP	318,000.000	576,702.96	589,115.79	12,412.83
	GTZF94000102	FA6225744	COMPAL ELECTRONICS INC	577,000.000	587,828.06	617,169.36	29,341.30
	GTZF94000102	FA6241519	ELAN MICROELECTRONICS CORP	43,000.000	194,889.09	204,121.26	9,232.17
	GTZF94000102	FA6305728	TRIPOD TECHNOLOGY CORP	94,000.000	589,611.68	633,108.82	43,497.14
	GTZF94000102	FA6324513	EVERGREEN INTERNATIONAL STORAG	538,000.000	596,398.83	526,532.37	-69,866.46
	GTZF94000102	FA6346334	NOVATEK MICROELECTRONICS CORP	82,000.000	1,122,927.00	1,531,741.74	408,814.74
	GTZF94000102	FA6349536	GLOBAL BRANDS MANUFACTURE LTD	44,000.000	85,517.69	100,772.16	15,254.47
	GTZF94000102	FA6372488	MEDIATEK INC	590,000.000	16,681,818.13	25,461,214.59	8,779,396.46
	GTZF94000102	FA6438560	HON HAI PRECISION INDUSTRY CO	556,000.000	3,355,414.94	3,667,647.89	312,232.95
	GTZF94000102	FA6441572	VISUAL PHOTONICS EPITAXY CO LT	16,000.000	79,309.54	81,377.25	2,067.71
	GTZF94000102	FA6548756	ITE TECHNOLOGY INC	175,000.000	856,696.56	919,732.43	63,035.87
	GTZF94000102	FA6599676	POWERTECH TECHNOLOGY INC	98,000.000	391,417.72	567,914.55	176,496.83
	GTZF94000102	FA6718771	SITRONIX TECHNOLOGY CORP	14,000.000	119,665.73	111,554.64	-8,111.09
	GTZF94000102	FA6916623	UNITED MICROELECTRONICS CORP	1,277,000.000	1,939,997.88	2,192,528.07	252,530.19
	GTZF94000102	FAB02FKB9	GLOBAL MIXED MODE TECHNOLOGY I	37,000.000	309,070.18	348,427.17	39,356.99
	GTZF94000102	FAB04ZR59	FOXSEMICON INTEGRATED TECHNOLO	12,000.000	71,277.63	114,113.09	42,835.46
	GTZF94000102	FAB0BSM03	CHIPMOS TECHNOLOGIES INC	79,000.000	92,584.57	104,468.04	11,883.47
	GTZF94000102	FAB1Z81M4	FOCALTECH SYSTEMS CO LTD	29,000.000	114,098.94	77,055.62	-37,043.32
	GTZF94000102	FAB28SKW5	ARCADYAN TECHNOLOGY CORP	434,000.000	2,229,291.61	2,167,224.06	-62,067.55
	GTZF94000102	FAB28XZG3	RAYDIUM SEMICONDUCTOR CORP	74,000.000	942,469.30	937,502.88	-4,966.42
	GTZF94000102	FAB4PLX11	PEGATRON CORP	249,000.000	859,258.44	802,074.50	-57,183.94
	GTZF94000102	FAB734XQ1	ZHEN DING TECHNOLOGY HOLDING L	247,000.000	816,015.13	985,974.75	169,959.62
	GTZF94000102	FAB97NLT8	CHICONY POWER TECHNOLOGY CO LT	21,000.000	78,051.92	88,359.05	10,307.13
	GTZF94000102	FABFXZDY6	ASE TECHNOLOGY HOLDING CO LTD	503,000.000	1,784,632.92	2,612,564.13	827,931.21
	GTZF94000102	FB6492839	KRUNG THAI BANK PCL	1,466,638.000	667,804.48	675,418.83	7,614.35
	GTZF94000102	FB6693931	REGIONAL CONTAINER LINES PCL	95,124.000	65,476.05	73,875.17	8,399.12
	GTZF94000102	FB6888796	KASIKORNBANK PCL	189,461.000	653,359.40	647,928.49	-5,430.91
	GTZF94000102	FBB0305J9	THAI OIL PCL	1,255,407.000	1,913,841.48	1,813,109.12	-100,732.36
	GTZF94000102	FBB1359J2	PTT EXPLORATION & PRODUCTION P	649,343.000	3,006,880.14	2,689,560.25	-317,319.89
	GTZF94000102	FBBD0BDJ1	PTT PCL	1,224,457.000	1,194,546.09	1,084,402.29	-110,143.80
	GTZF94000102	FBBPH0716	SCB X PCL	190,685.000	578,782.75	535,201.45	-43,581.30
	GTZF94000102	FBBYYH5F2	BANGCHAK CORP PCL	149,418.000	153,745.70	152,685.47	-1,060.23

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FC6019010	INNER MONGOLIA YITAI COAL CO L CN/900948	157,900.000	215,849.30	283,588.40	67,739.10
	GTZF94000102	FC6835423	SHANGHAI BAOSIGHT SOFTWARE CO CN/900926	82,224.000	180,892.80	133,120.66	-47,772.14
	GTZF94000102	FCBD57ZZ3	GUANGDONG TCL SMART HOME APPLI	3,593,900.000	4,928,870.17	4,481,215.23	-447,654.94
	GTZF94000102	FCBD5CM86	ZHEJIANG SEMIR GARMENT CO LTD	3,375,479.000	2,919,233.77	2,699,063.86	-220,169.91
	GTZF94000102	FCBD5CMD5	TONGLING NONFERROUS METALS GRO	28,011,115.000	16,172,691.09	13,916,794.54	-2,255,896.55
	GTZF94000102	FCBD5CPN0	GREE ELECTRIC APPLIANCES INC O	7,537,058.000	38,245,763.74	40,682,821.39	2,437,057.65
	GTZF94000102	FCBD5CPP5	MIDEA GROUP CO LTD	61,300.000	561,890.32	544,153.98	-17,736.34
	GTZF94000102	FCBD5CPS9	PING AN BANK CO LTD	882,700.000	1,317,612.72	1,233,050.28	-84,562.44
	GTZF94000102	FCBD5M2M5	HISENSE HOME APPLIANCES GROUP	481,400.000	1,786,018.82	2,136,007.32	349,988.50
	GTZF94000102	FCBD8P9J5	BANK OF SHANGHAI CO LTD	4,332,449.000	2,989,464.53	4,328,841.63	1,339,377.10
	GTZF94000102	FCBJLWMG3	CHONGQING RURAL COMMERCIAL BAN	7,019,554.000	3,449,505.74	4,849,699.77	1,400,194.03
	GTZF94000102	FCBK4XS89	CNOOC ENERGY TECHNOLOGY & SERV	8,309,688.000	3,520,689.28	4,711,764.23	1,191,074.95
	GTZF94000102	FCBK71FP2	HITEVISION CO LTD	554,500.000	1,863,092.41	1,784,217.01	-78,875.40
	GTZF94000102	FCBKDQ803	AVARY HOLDING SHENZHEN CO LTD	1,481,430.000	7,802,952.91	8,106,420.51	303,467.60
	GTZF94000102	FCBMF7Q66	HUBEI CHUTIAN SMART COMMUNICAT	1,520,800.000	904,817.53	897,906.29	-6,911.24
	GTZF94000102	FCBNR4MR6	ANKER INNOVATIONS TECHNOLOGY C	271,456.000	2,576,320.92	2,660,370.04	84,049.12
	GTZF94000102	FCBNR4NT1	BEIJING ROBOROCK TECHNOLOGY CO	14,319.000	591,269.05	773,685.76	182,416.71
	GTZF94000102	FCBP3R1Q1	CHINESE UNIVERSE PUBLISHING AN	1,009,600.000	2,282,992.51	2,061,981.95	-221,010.56
	GTZF94000102	FCBP3R207	PETROCHINA CO LTD	15,031,901.000	15,528,568.53	21,349,869.34	5,821,300.81
	GTZF94000102	FCBP3R223	AGRICULTURAL BANK OF CHINA LTD	1,143,200.000	678,957.97	685,978.21	7,020.24
	GTZF94000102	FCBP3R249	CHINA PETROLEUM & CHEMICAL COR	40,168,050.000	35,188,719.37	34,938,112.95	-250,606.42
	GTZF94000102	FCBP3R272	CHINA MERCHANTS BANK CO LTD	146,700.000	690,918.46	690,288.81	-629.65
	GTZF94000102	FCBP3R298	INDUSTRIAL BANK CO LTD	1,454,451.000	3,041,015.28	3,527,009.39	485,994.11
	GTZF94000102	FCBP3R2B3	SHANGHAI PUDONG DEVELOPMENT BA	595,600.000	665,464.62	674,615.23	9,150.61
	GTZF94000102	FCBP3R2Q0	CHINA STATE CONSTRUCTION ENGIN	1,734,500.000	1,251,556.19	1,267,565.59	16,009.40
	GTZF94000102	FCBP3R2T4	HUAXIA BANK CO LTD	7,627,786.000	5,707,136.13	6,718,620.20	1,011,484.07
	GTZF94000102	FCBP3R2W7	BANK OF BEIJING CO LTD	31,743,000.000	20,152,680.09	25,513,053.13	5,360,373.04
	GTZF94000102	FCBP3R3P1	CHINA COAL ENERGY CO LTD	3,346,707.000	4,069,575.68	5,748,226.79	1,678,651.11
	GTZF94000102	FCBP3R405	ZIJIN MINING GROUP CO LTD	443,600.000	1,042,272.33	1,072,666.99	30,394.66
	GTZF94000102	FCBP3R4D7	ALUMINUM CORP OF CHINA LTD	16,480,400.000	18,230,367.19	17,305,888.59	-924,478.60
	GTZF94000102	FCBP3R4K1	METALLURGICAL CORP OF CHINA LT	4,032,508.000	1,845,173.92	1,720,436.11	-124,737.81
	GTZF94000102	FCBP3R4N5	CHINA CSSC HOLDINGS LTD	149,100.000	787,381.56	835,372.86	47,991.30
	GTZF94000102	FCBP3R4R6	JIANGXI COPPER CO LTD	4,238,284.000	13,098,105.83	13,812,534.32	714,428.49
	GTZF94000102	FCBP3R504	CHINA SOUTH PUBLISHING & MEDIA	2,346,608.000	4,036,721.17	4,011,102.50	-25,618.67
	GTZF94000102	FCBP3R553	COSCO SHIPPING HOLDINGS CO LTD	5,506,050.000	11,866,406.68	11,737,975.16	-128,431.52
	GTZF94000102	FCBP3R5T1	YUTONG BUS CO LTD	1,488,900.000	3,015,701.43	5,286,726.62	2,271,025.19
	GTZF94000102	FCBP3R975	JINNENG HOLDING SHANXI COAL IN	3,784,200.000	4,876,083.19	8,603,709.57	3,727,626.38
	GTZF94000102	FCBP3R9S9	SHANXI LANHUA SCI-TECH VENTURE	3,705,257.000	4,172,466.08	4,563,972.19	391,506.11
	GTZF94000102	FCBP3RCS5	ZHENGZHOU COAL MINING MACHINER	3,830,598.000	7,921,124.21	7,802,430.53	-118,693.68
	GTZF94000102	FCBP3RDL9	JIANGXI GANYUE EXPRESSWAY CO L	974,800.000	531,979.71	693,597.76	161,618.05
	GTZF94000102	FCBP3RG28	ANHUI HENGYUAN COAL INDUSTRY A	2,706,880.000	2,902,870.33	4,448,104.15	1,545,233.82
	GTZF94000102	FCBP3RH84	INNER MONGOLIA ERDOS RESOURCES	1,245,214.000	1,694,978.27	1,700,032.74	5,054.47
	GTZF94000102	FCBP3RKM9	GUANGXI WUZHOU COMMUNICATIONS	3,857,997.000	1,487,103.15	1,895,534.61	408,431.46

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FCBQ3RWZ5	SHANGHAI RURAL COMMERCIAL BANK	89,100.000	70,701.26	82,404.06	11,702.80
	GTZF94000102	FCBQWRB52	BEIJING CAISHIKOU DEPARTMENT S	946,100.000	1,809,477.06	1,657,551.62	-151,925.44
	GTZF94000102	FCBS7K376	HUAIBEI MINING HOLDINGS CO LTD	2,131,204.000	4,633,967.10	4,910,006.80	276,039.70
	GTZF94000102	FCBS7K3P6	SHANDONG XINCHAO ENERGY CORP L	26,748,047.000	9,841,970.44	6,699,850.05	-3,142,120.39
	GTZF94000102	FCBS7K3T8	HLA GROUP CORP LTD	303,969.000	298,534.84	386,547.51	88,012.67
	GTZF94000102	FCBS7K5P4	SHAANXI COAL INDUSTRY CO LTD	7,002,669.000	18,184,133.56	24,835,884.68	6,651,751.12
	GTZF94000102	FCBYW5QT5	SHENZHEN GOODIX TECHNOLOGY CO	15,895.000	152,540.77	150,395.50	-2,145.27
	GTZF94000102	FCBYW5QY4	HEXING ELECTRICAL CO LTD	458,200.000	1,592,082.66	2,953,118.40	1,361,035.74
	GTZF94000102	FH6000308	JIANGXI COPPER CO LTD HK/00358	132,894.000	205,149.56	265,195.65	60,046.09
	GTZF94000102	FH6002452	ASMPT LTD HK/00522	39,256.000	386,468.67	547,554.68	161,086.01
	GTZF94000102	FH6109893	YANKUANG ENERGY GROUP CO LTD HK/01171	287,825.200	432,610.67	411,421.12	-21,189.55
	GTZF94000102	FH6162694	SINOPEC KANTONS HOLDINGS LTD HK/00934	136,391.000	51,168.81	70,751.28	19,582.47
	GTZF94000102	FH6193780	TCL ELECTRONICS HOLDINGS LTD HK/01070	258,179.000	173,184.31	208,992.91	35,808.60
	GTZF94000102	FH6218082	LENOVO GROUP LTD HK/00992	827,730.000	837,990.28	1,168,325.51	330,335.23
	GTZF94000102	FH6226572	PETROCHINA CO LTD HK/00857	27,032,248.000	18,765,894.39	27,352,865.13	8,586,970.74
	GTZF94000102	FH6228826	SKYWORTH GROUP LTD HK/00751	170,444.000	79,031.36	67,239.74	-11,791.62
	GTZF94000102	FH6264045	CHINA TAIPING INSURANCE HOLDIN HK/00966	153,177.000	158,997.59	156,563.32	-2,434.27
	GTZF94000102	FH6282047	GIORDANO INTERNATIONAL LTD HK/00709	132,894.000	43,036.11	31,489.86	-11,546.25
	GTZF94000102	FH6291816	CHINA PETROLEUM & CHEMICAL COR HK/00386	4,629,250.000	2,606,406.60	3,000,231.19	393,824.59
	GTZF94000102	FH6354259	COSCO SHIPPING PORTS LTD HK/01199	215,078.000	127,895.20	148,483.54	20,588.34
	GTZF94000102	FH6398785	YUEXIU TRANSPORT INFRASTRUCTUR HK/01052	132,894.000	73,737.25	69,107.47	-4,629.78
	GTZF94000102	FH6416132	CHINA MERCHANTS PORT HOLDINGS HK/00144	537,166.000	746,847.85	799,481.12	52,633.27
	GTZF94000102	FH6425398	ALUMINUM CORP OF CHINA LTD HK/02600	2,637,379.000	1,825,718.86	1,800,500.82	-25,218.04
	GTZF94000102	FH6491317	KINGBOARD HOLDINGS LTD HK/00148	59,452.000	150,932.40	139,960.52	-10,971.88
	GTZF94000102	FH6527037	VSTEC S HOLDINGS LTD HK/00856	2,657,872.000	1,447,484.02	1,508,104.23	60,620.21
	GTZF94000102	FH6586538	YUE YUEN INDUSTRIAL HOLDINGS L HK/00551	76,938.000	99,332.64	148,802.90	49,470.26
	GTZF94000102	FH6659111	ORIENT OVERSEAS INTERNATIONAL HK/00316	31,912.000	427,985.50	517,874.12	89,888.62
	GTZF94000102	FH6706250	PICC PROPERTY & CASUALTY CO LT HK/02328	665,708.000	746,107.86	827,082.97	80,975.11
	GTZF94000102	FH6725292	ZIJIN MINING GROUP CO LTD HK/02899	1,204,785.000	2,604,470.36	2,543,081.79	-61,388.57
	GTZF94000102	FH6743956	WEICHAI POWER CO LTD HK/02338	222,072.000	401,542.99	424,950.13	23,407.14
	GTZF94000102	FH6928565	VTECH HOLDINGS LTD HK/00303	21,857.000	143,359.34	163,492.17	20,132.83
	GTZF94000102	FHB0190C9	TECHTRONIC INDUSTRIES CO LTD HK/00669	135,079.000	1,752,865.55	1,543,285.45	-209,580.10
	GTZF94000102	FHB01RQM9	PACIFIC BASIN SHIPPING LTD HK/02343	650,479.000	219,389.19	204,956.62	-14,432.57
	GTZF94000102	FHB09N7M1	CHINA SHENHUA ENERGY CO LTD HK/01088	412,670.000	1,254,690.53	1,900,182.71	645,492.18
	GTZF94000102	FHB0B8Z16	COSCO SHIPPING HOLDINGS CO LTD HK/01919	401,741.000	362,773.27	702,894.95	340,121.68
	GTZF94000102	FHB0B8Z24	BANK OF COMMUNICATIONS CO LTD HK/03328	3,212,178.000	2,113,399.41	2,522,049.74	408,650.33
	GTZF94000102	FHB0FXSY3	UNITED ENERGY GROUP LTD HK/00467	1,091,126.000	161,582.80	42,625.38	-118,957.42
	GTZF94000102	FHB0LMTQ6	CHINA CONSTRUCTION BANK CORP HK/00939	62,277,487.000	38,601,686.95	46,025,706.39	7,424,019.44
	GTZF94000102	FHB0M6DX2	CIMC ENRIC HOLDINGS LTD HK/03899	1,265,986.000	1,128,833.04	1,276,136.72	147,303.68
	GTZF94000102	FHB0MSW54	LONKING HOLDINGS LTD HK/03339	4,575,212.000	762,580.72	855,574.14	92,993.42
	GTZF94000102	FHB0PH5N6	DONGFENG MOTOR GROUP CO LTD HK/00489	1,454,835.000	661,951.34	415,539.37	-246,411.97
	GTZF94000102	FHB154562	BANK OF CHINA LTD HK/03988	69,561,544.000	27,555,545.77	34,302,321.44	6,746,775.67
	GTZF94000102	FHB1DN3X4	CHINA BLUECHEMICAL LTD HK/03983	129,396.000	29,060.68	36,793.19	7,732.51

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FHB1DYPZ1	CHINA MERCHANTS BANK CO LTD HK/03968	349,268.000	1,139,698.50	1,585,873.74	446,175.24
	GTZF94000102	FHB1G1QD8	INDUSTRIAL & COMMERCIAL BANK O HK/01398	74,409,924.000	38,671,971.45	44,222,410.46	5,550,439.01
	GTZF94000102	FHB1HVJ15	CHINA COMMUNICATIONS SERVICES HK/00552	279,776.000	137,806.63	150,864.18	13,057.55
	GTZF94000102	FHB1JNK84	CHINA COAL ENERGY CO LTD HK/01898	255,296.000	189,600.42	298,217.01	108,616.59
	GTZF94000102	FHB1P1JS3	FUFENG GROUP LTD HK/00546	208,958.000	106,303.38	142,117.35	35,813.97
	GTZF94000102	FHB1P70H4	UNITED LABORATORIES INTERNATIO HK/03933	134,642.000	112,364.88	142,102.37	29,737.49
	GTZF94000102	FHB1W0JF5	CHINA CITIC BANK CORP LTD HK/00998	7,701,300.000	3,596,891.27	4,941,915.75	1,345,024.48
	GTZF94000102	FHB1Z6564	STELLA INTERNATIONAL HOLDINGS HK/01836	364,895.000	623,340.47	740,315.19	116,974.72
	GTZF94000102	FHB28SXZ9	NETDRAGON WEBSOFT HOLDINGS LTD HK/00777	33,661.000	63,313.57	50,874.79	-12,438.78
	GTZF94000102	FHB296ZH4	SINOTRUK HONG KONG LTD HK/03808	85,244.000	158,806.65	221,642.70	62,836.05
	GTZF94000102	FHB297KM7	CHINA RAILWAY GROUP LTD HK/00390	494,854.000	326,331.03	273,179.39	-53,151.64
	GTZF94000102	FHB29SHS2	BYD ELECTRONIC INTERNATIONAL C HK/00285	92,239.000	344,571.61	460,757.87	116,186.26
	GTZF94000102	FHB2Q5H53	CHINA PACIFIC INSURANCE GROUP HK/02601	253,197.000	659,551.80	618,123.17	-41,428.63
	GTZF94000102	FHB2R2ZC4	CRRC CORP LTD HK/01766	180,980.000	99,074.12	116,830.08	17,755.96
	GTZF94000102	FHB3LX5R0	PAX GLOBAL TECHNOLOGY LTD HK/00327	82,184.000	62,293.98	61,684.84	-609.14
	GTZF94000102	FHB433990	GUANGZHOU AUTOMOBILE GROUP CO HK/02238	141,149.000	72,475.32	49,897.69	-22,577.63
	GTZF94000102	FHB44ZV93	CHINA HONGQIAO GROUP LTD HK/01378	3,143,546.000	4,281,576.75	4,759,166.14	477,589.39
	GTZF94000102	FHB544N72	ZOOMLION HEAVY INDUSTRY SCIENC HK/01157	1,069,011.000	660,245.92	691,460.10	31,214.18
	GTZF94000102	FHB5730Z4	NEW CHINA LIFE INSURANCE CO LT HK/01336	99,233.000	260,131.75	189,380.81	-70,750.94
	GTZF94000102	FHB57JY25	CHINA MINSHENG BANKING CORP LT HK/01988	1,222,271.000	452,224.04	422,692.79	-29,531.25
	GTZF94000102	FHB5NRRJ0	CHINA EVERBRIGHT BANK CO LTD HK/06818	376,823.000	108,191.28	117,283.59	9,092.31
	GTZF94000102	FHB60LZR9	AGRICULTURAL BANK OF CHINA LTD HK/01288	26,274,464.000	10,295,695.97	11,240,196.45	944,500.48
	GTZF94000102	FHB61X7R3	SITC INTERNATIONAL HOLDINGS CO HK/01308	1,650,678.000	2,721,521.16	4,482,205.81	1,760,684.65
	GTZF94000102	FHB63DLB4	FAR EAST HORIZON LTD HK/03360	208,083.000	157,381.03	135,392.27	-21,988.76
	GTZF94000102	FHB71SXC6	HAITONG SECURITIES CO LTD HK/06837	342,726.000	210,202.56	159,348.23	-50,854.33
	GTZF94000102	FHB890GY8	CHINA NONFERROUS MINING CORP L HK/01258	1,525,653.000	898,634.92	1,330,749.92	432,115.00
	GTZF94000102	FHB8RZJZ5	PEOPLE'S INSURANCE CO GROUP OF HK/01339	945,118.000	341,260.66	324,425.06	-16,835.60
	GTZF94000102	FHB92NYC1	SINOPEC ENGINEERING GROUP CO L HK/02386	191,909.000	85,465.94	132,734.15	47,268.21
	GTZF94000102	FHBD8GL19	POSTAL SAVINGS BANK OF CHINA C HK/01658	1,921,711.000	868,695.96	1,127,319.77	258,623.81
	GTZF94000102	FHBFRB2W7	IGG INC HK/00799	105,790.000	52,377.96	40,785.40	-11,592.56
	GTZF94000102	FHBGRCMZ4	YANCOAL AUSTRALIA LTD HK/03668	18,710.000	57,485.93	81,838.58	24,352.65
	GTZF94000102	FHBGY6SV2	CHINA CINDA ASSET MANAGEMENT C HK/01359	3,846,118.000	341,384.26	320,206.05	-21,178.21
	GTZF94000102	FHBHHD4Q1	MAOYAN ENTERTAINMENT HK/01896	19,409.000	23,891.02	20,012.10	-3,878.92
	GTZF94000102	FHBLD4QD1	HAIER SMART HOME CO LTD HK/06690	189,400.000	689,175.95	633,160.85	-56,015.10
	GTZF94000102	FHBLHKKZ0	WH GROUP LTD HK/00288	995,828.000	527,384.64	655,603.14	128,218.50
	GTZF94000102	FHBM93SF9	NETEASE INC HK/09999	152,846.000	3,582,190.86	2,918,940.83	-663,250.03
	GTZF94000102	FHBMCX2J9	HORIZON CONSTRUCTION DEVELOPME HK/09930	38,533.888	9,322.83	7,403.34	-1,919.49
	GTZF94000102	FHBMX5ZW2	SCICLONE PHARMACEUTICALS HOLDI HK/06600	33,661.000	46,324.31	80,709.83	34,385.52
	GTZF94000102	FHBW4NKK5	GF SECURITIES CO LTD HK/01776	289,401.000	409,102.73	239,826.89	-169,275.84
	GTZF94000102	FHBW9P811	CK HUTCHISON HOLDINGS LTD HK/00001	716,489.000	4,339,119.91	3,432,216.69	-906,903.22
	GTZF94000102	FHBWVFT07	HUATAI SECURITIES CO LTD HK/06886	145,658.000	180,160.24	161,004.76	-19,155.48
	GTZF94000102	FHBYP9J62	SSY GROUP LTD HK/02005	2,045,862.000	1,306,742.54	1,105,814.69	-200,927.85
	GTZF94000102	FHBYZJV16	BOC AVIATION LTD HK/02588	18,185.000	146,030.85	130,435.23	-15,595.62

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss
GTZF94000102	FJ6010709 AISIN CORP	14,787.000	471,233.65	481,960.98	10,727.33
GTZF94000102	FJ6022100 AMADA CO LTD	70,906.000	722,174.26	783,289.60	61,115.34
GTZF94000102	FJ6037736 AEON FINANCIAL SERVICE CO LTD	156,500.000	1,385,325.85	1,283,249.44	-102,076.41
GTZF94000102	FJ6045994 HURXLEY CORP	30,480.000	135,898.90	151,774.71	15,875.81
GTZF94000102	FJ6046927 TOMY CO LTD	152,041.000	1,859,416.19	2,994,317.42	1,134,901.23
GTZF94000102	FJ6055209 AGC INC	76,388.000	2,720,365.08	2,472,186.61	-248,178.47
GTZF94000102	FJ6057379 ASICS CORP	63,600.000	851,752.60	973,017.55	121,264.95
GTZF94000102	FJ6146503 BROTHER INDUSTRIES LTD	217,701.000	3,226,754.73	3,831,353.64	604,598.91
GTZF94000102	FJ6163284 COCA-COLA BOTTLERS JAPAN HOLDI	17,486.000	194,984.14	219,254.40	24,270.26
GTZF94000102	FJ6172327 CANON INC	97,592.000	2,753,348.54	2,641,524.17	-111,824.37
GTZF94000102	FJ6183555 CENTRAL JAPAN RAILWAY CO	65,048.000	1,640,883.84	1,404,399.54	-236,484.30
GTZF94000102	FJ6190642 KEIYO BANK LTD/THE	6,557.000	24,134.80	35,789.17	11,654.37
GTZF94000102	FJ6195609 CHUBU ELECTRIC POWER CO INC	553,344.000	6,702,678.38	6,539,269.98	-163,408.40
GTZF94000102	FJ6195864 CHUDENKO CORP	3,934.000	62,574.91	78,748.48	16,173.57
GTZF94000102	FJ6197308 CITIZEN WATCH CO LTD	229,154.000	1,301,132.60	1,531,397.21	230,264.61
GTZF94000102	FJ6248366 ROUND ONE CORP	23,868.000	97,402.17	122,559.79	25,157.62
GTZF94000102	FJ6250412 EXEDY CORP	3,497.000	58,503.09	64,087.75	5,584.66
GTZF94000102	FJ6251022 SCREEN HOLDINGS CO LTD	283,973.000	16,089,263.83	25,597,467.35	9,508,203.52
GTZF94000102	FJ6251444 DAIWA SECURITIES GROUP INC	132,107.000	971,712.78	1,007,679.30	35,966.52
GTZF94000102	FJ6270949 DISCO CORP	12,065.000	3,395,641.71	4,578,189.84	1,182,548.13
GTZF94000102	FJ6278306 DOWA HOLDINGS CO LTD	48,873.000	1,711,832.79	1,734,526.69	22,693.90
GTZF94000102	FJ6298544 EAST JAPAN RAILWAY CO	22,644.000	435,152.44	375,077.33	-60,075.11
GTZF94000102	FJ6302700 EBARA CORP	5,245.000	63,600.83	82,933.34	19,332.51
GTZF94000102	FJ6332863 FCC CO LTD	4,371.000	56,582.42	63,828.67	7,246.25
GTZF94000102	FJ6354859 FALCO HOLDINGS CO LTD	7,694.000	101,260.04	110,344.76	9,084.72
GTZF94000102	FJ6356409 SUBARU CORP	307,395.000	5,839,838.51	6,516,330.82	676,492.31
GTZF94000102	FJ6356946 FUJITSU LTD	123,276.000	1,790,931.86	1,928,917.69	137,985.83
GTZF94000102	FJ6408663 HANKYU HANSHIN HOLDINGS INC	9,268.000	307,565.86	246,247.87	-61,317.99
GTZF94000102	FJ6408820 HANWA CO LTD	192,259.000	6,029,470.12	7,362,398.78	1,332,928.66
GTZF94000102	FJ6414802 SEIKO GROUP CORP	3,322.000	61,428.97	101,502.12	40,073.15
GTZF94000102	FJ6421898 PAL GROUP HOLDINGS CO LTD	5,596.000	75,208.28	63,070.67	-12,137.61
GTZF94000102	FJ6431327 HOKKAIDO ELECTRIC POWER CO INC	1,022,185.000	9,156,990.04	7,587,274.15	-1,569,715.89
GTZF94000102	FJ6433125 HOKURIKU ELECTRIC POWER CO	21,071.000	106,829.19	133,412.99	26,583.80
GTZF94000102	FJ6435146 HONDA MOTOR CO LTD	2,145,620.000	22,200,657.01	22,942,101.76	741,444.75
GTZF94000102	FJ6437944 HORIBA LTD	4,197.000	239,011.35	338,661.33	99,649.98
GTZF94000102	FJ6439817 HOSIDEN CORP	91,539.000	1,141,011.99	1,224,617.26	83,605.27
GTZF94000102	FJ6451812 EIZO CORP	4,984.000	153,864.86	150,734.56	-3,130.30
GTZF94000102	FJ6457009 IINO KAIUN KAISHA LTD	176,521.000	1,076,097.60	1,404,618.21	328,520.61
GTZF94000102	FJ6467107 ISUZU MOTORS LTD	64,873.000	913,156.03	859,407.97	-53,748.06
GTZF94000102	FJ6467826 ITOCHU ENEX CO LTD	5,858.000	51,351.48	55,389.89	4,038.41
GTZF94000102	FJ6468154 IZUMI CO LTD	1,224.000	30,602.24	24,478.48	-6,123.76
GTZF94000102	FJ6468204 IWATANI CORP	14,164.000	751,262.80	823,635.83	72,373.03
GTZF94000102	FJ6470309 JAPAN PULP & PAPER CO LTD	1,311.000	44,082.47	49,551.66	5,469.19

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FJ6470580	NIPPON SHOKUBAI CO LTD	80,785.000	738,689.13	806,795.38	68,106.25
	GTZF94000102	FJ6482551	KAMEI CORP	25,442.000	249,517.16	374,844.84	125,327.68
	GTZF94000102	FJ6482668	KAMIGUMI CO LTD	11,104.000	247,091.50	228,692.98	-18,398.52
	GTZF94000102	FJ6482908	KANAMOTO CO LTD	3,934.000	59,662.56	72,536.64	12,874.08
	GTZF94000102	FJ6483484	KANSAI ELECTRIC POWER CO INC/T	314,661.000	3,937,161.06	5,285,428.59	1,348,267.53
	GTZF94000102	FJ6484680	KAWASAKI KISEN KAISHA LTD	1,006,800.000	14,564,527.79	14,645,729.56	81,201.77
	GTZF94000102	FJ6485000	KYB CORP	4,109.000	149,880.49	138,448.22	-11,432.27
	GTZF94000102	FJ6493749	KIRIN HOLDINGS CO LTD	162,532.000	2,341,442.84	2,094,547.08	-246,895.76
	GTZF94000102	FJ6496254	KOMERI CO LTD	105,528.000	2,202,780.23	2,292,803.49	90,023.26
	GTZF94000102	FJ6497088	JTEKT CORP	25,355.000	229,172.59	176,457.31	-52,715.28
	GTZF94000102	FJ6499555	KYOWA KIRIN CO LTD	27,890.000	369,777.25	476,363.15	106,585.90
	GTZF94000102	FJ6499803	KYUSHU ELECTRIC POWER CO INC	376,523.000	4,119,926.35	3,878,519.37	-241,406.98
	GTZF94000102	FJ6506268	LASERTEC CORP	115,408.000	26,255,921.09	25,892,545.19	-363,375.90
	GTZF94000102	FJ6506730	INFOCOM CORP	16,598.000	575,158.39	625,288.34	50,129.95
	GTZF94000102	FJ6513124	TOKIO MARINE HOLDINGS INC	404,189.000	11,349,279.94	15,088,617.45	3,739,337.51
	GTZF94000102	FJ6517513	ARATA CORP	2,973.000	62,867.36	65,241.14	2,373.78
	GTZF94000102	FJ6543790	JFE HOLDINGS INC	311,163.000	5,011,493.01	4,479,037.32	-532,455.69
	GTZF94000102	FJ6569464	MARUBENI CORP	128,981.000	2,177,078.23	2,385,819.81	208,741.58
	GTZF94000102	FJ6572708	PANASONIC HOLDINGS CORP	543,115.000	5,197,851.31	4,446,614.90	-751,236.41
	GTZF94000102	FJ6576246	MEIJI SHIPPING GROUP CO LTD	83,933.000	442,721.30	378,809.89	-63,911.41
	GTZF94000102	FJ6591807	CREDIT SAISON CO LTD	86,643.000	1,617,835.06	1,792,539.54	174,704.48
	GTZF94000102	FJ6594140	SOJITZ CORP	80,943.000	1,943,525.68	1,966,966.27	23,440.59
	GTZF94000102	FJ6597044	MITSUBISHI ELECTRIC CORP	729,516.000	9,467,596.46	11,643,866.56	2,176,270.10
	GTZF94000102	FJ6597341	MITSUI MINING & SMELTING CO LT	6,645.000	211,948.36	212,288.05	339.69
	GTZF94000102	FJ6597580	MITSUI OSK LINES LTD	436,975.000	12,437,043.20	13,088,061.67	651,018.47
	GTZF94000102	FJ6611449	MUSASHINO BANK LTD/THE	30,688.000	459,474.30	624,786.79	165,312.49
	GTZF94000102	FJ6616505	SEIKO EPSON CORP	129,134.000	1,903,118.53	2,006,128.77	103,010.24
	GTZF94000102	FJ6619509	NGK INSULATORS LTD	229,329.000	2,501,389.45	2,936,825.51	435,436.06
	GTZF94000102	FJ6619640	NHK SPRING CO LTD	439,423.000	3,159,175.34	4,380,298.38	1,221,123.04
	GTZF94000102	FJ6622800	MODEC INC	55,168.000	599,147.98	995,260.10	396,112.12
	GTZF94000102	FJ6638327	NISHIO HOLDINGS CO LTD	2,011.000	49,007.75	51,631.42	2,623.67
	GTZF94000102	FJ6639556	NINTENDO CO LTD	17,661.000	951,726.63	939,372.87	-12,353.76
	GTZF94000102	FJ6640067	NIPPON GAS CO LTD	13,114.000	212,151.23	197,085.02	-15,066.21
	GTZF94000102	FJ6642428	NOK CORP	64,436.000	889,883.51	857,023.66	-32,859.85
	GTZF94000102	FJ6642535	NIPPON SEIKI CO LTD	5,596.000	44,172.51	51,277.53	7,105.02
	GTZF94000102	FJ6642865	NISSAN MOTOR CO LTD	5,752,911.000	23,629,717.91	19,523,276.08	-4,106,441.83
	GTZF94000102	FJ6642923	NISSHINBO HOLDINGS INC	18,185.000	114,184.32	121,470.74	7,286.42
	GTZF94000102	FJ6643103	NOMURA HOLDINGS INC	2,504,257.000	9,445,857.70	14,353,630.54	4,907,772.84
	GTZF94000102	FJ6643897	NORITZ CORP	3,497.000	41,481.12	38,196.13	-3,284.99
	GTZF94000102	FJ6643962	NIPPON YUSEN KK	360,185.000	11,683,329.30	10,483,564.66	-1,199,764.64
	GTZF94000102	FJ6660107	ONO PHARMACEUTICAL CO LTD	109,462.000	1,861,637.02	1,494,674.18	-366,962.84
	GTZF94000102	FJ6661147	ORIX CORP	109,287.000	2,049,458.69	2,413,200.51	363,741.82
	GTZF94000102	FJ6661766	OSAKA GAS CO LTD	59,890.000	914,706.94	1,319,099.06	404,392.12

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEUXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FJ6666203	PACIFIC INDUSTRIAL CO LTD	4,984.000	50,756.44	46,723.06	-4,033.38
	GTZF94000102	FJ6687217	ALFRESA HOLDINGS CORP	22,644.000	370,525.50	310,112.73	-60,412.77
	GTZF94000102	FJ6689353	TOKYU CONSTRUCTION CO LTD	25,617.000	118,973.96	122,622.72	3,648.76
	GTZF94000102	FJ6711694	JAPAN PETROLEUM EXPLORATION CO	4,109.000	122,245.13	166,035.69	43,790.56
	GTZF94000102	FJ6738226	RICOH CO LTD	696,380.000	6,776,927.74	5,954,685.52	-822,242.22
	GTZF94000102	FJ6740347	NIPPON COKE & ENGINEERING CO L	626,611.000	532,061.71	479,131.88	-52,929.83
	GTZF94000102	FJ6743887	JAPAN EXCHANGE GROUP INC	335,906.000	5,937,239.28	7,834,883.39	1,897,644.11
	GTZF94000102	FJ6744299	T&D HOLDINGS INC	48,611.000	833,563.38	848,713.15	15,149.77
	GTZF94000102	FJ6744547	MITSUBISHI SHOKUHN CO LTD	1,836.000	47,063.89	62,318.54	15,254.65
	GTZF94000102	FJ6758455	RYOHIN KEIKAKU CO LTD	27,278.000	435,162.24	453,446.31	18,284.07
	GTZF94000102	FJ6769833	SAKATA INX CORP	2,098.000	17,592.80	23,528.48	5,935.68
	GTZF94000102	FJ6772803	SAN-AI OBLI CO LTD	6,732.000	70,703.81	86,336.67	15,632.86
	GTZF94000102	FJ6775434	SANKYO CO LTD	66,234.000	800,235.62	718,914.38	-81,321.24
	GTZF94000102	FJ6776788	SANWA HOLDINGS CORP	313,786.000	4,008,735.36	5,737,918.32	1,729,182.96
	GTZF94000102	FJ6804341	SHIKOKU ELECTRIC POWER CO INC	186,925.000	1,263,737.40	1,603,608.77	339,871.37
	GTZF94000102	FJ6804689	SHIONOGI & CO LTD	61,900.000	2,619,140.26	2,415,431.49	-203,708.77
	GTZF94000102	FJ6858479	SCSK CORP	2,273.000	35,533.57	45,400.65	9,867.08
	GTZF94000102	FJ6858503	SUMITOMO BAKELITE CO LTD	139,180.000	2,982,195.61	4,068,285.31	1,086,089.70
	GTZF94000102	FJ6858735	SUMITOMO HEAVY INDUSTRIES LTD	23,821.000	587,077.43	619,144.62	32,067.19
	GTZF94000102	FJ6858867	SUMITOMO FORESTRY CO LTD	19,277.000	567,284.63	613,206.59	45,921.96
	GTZF94000102	FJ6858941	SUMITOMO CORP	117,856.000	2,561,347.28	2,943,103.09	381,755.81
	GTZF94000102	FJ6858990	SUMITOMO RUBBER INDUSTRIES LTD	21,245.000	249,050.67	211,644.37	-37,406.30
	GTZF94000102	FJ6865565	SUZUKEN CO LTD/AICHI JAPAN	27,803.000	751,037.04	845,013.49	93,976.45
	GTZF94000102	FJ6870441	TAKEDA PHARMACEUTICAL CO LTD	507,094.000	15,827,417.72	13,151,785.52	-2,675,632.20
	GTZF94000102	FJ6870524	TAKASAGO THERMAL ENGINEERING C	19,322.000	322,178.14	687,068.52	364,890.38
	GTZF94000102	FJ6885076	TERUMO CORP	94,250.000	1,510,940.80	1,554,427.80	43,487.00
	GTZF94000102	FJ6894029	TOKAI RIKAI CO LTD	6,295.000	92,638.22	84,449.90	-8,188.32
	GTZF94000102	FJ6894870	TOKAI TOKYO FINANCIAL HOLDINGS	20,459.000	66,706.95	73,131.45	6,424.50
	GTZF94000102	FJ6894920	TOPRE CORP	4,197.000	52,689.75	55,130.31	2,440.56
	GTZF94000102	FJ6895166	TOBU RAILWAY CO LTD	35,147.000	938,961.38	591,791.94	-347,169.44
	GTZF94000102	FJ6895224	TOHO GAS CO LTD	8,918.000	158,767.29	216,380.42	57,613.13
	GTZF94000102	FJ6895240	TOHO ACETYLENE CO LTD	77,488.000	149,922.74	181,604.98	31,682.24
	GTZF94000102	FJ6895265	TOHOKU ELECTRIC POWER CO INC	58,141.000	360,040.58	524,628.02	164,587.44
	GTZF94000102	FJ6895406	TOKYO ELECTRIC POWER CO HOLDIN	9,168,609.000	41,209,196.67	49,371,188.03	8,161,991.36
	GTZF94000102	FJ6895448	TOKYO GAS CO LTD	514,963.000	11,350,121.11	11,060,532.19	-289,588.92
	GTZF94000102	FJ6895554	TOHO HOLDINGS CO LTD	30,338.000	558,469.60	792,869.30	234,399.70
	GTZF94000102	FJ6895679	TOKYO ELECTRON LTD	185,089.000	41,543,062.10	40,156,696.85	-1,386,365.25
	GTZF94000102	FJ6897022	TOPPAN HOLDINGS INC	49,485.000	1,189,171.42	1,363,713.85	174,542.43
	GTZF94000102	FJ6900180	TOYO TIRE CORP	11,933.000	197,760.24	190,537.80	-7,222.44
	GTZF94000102	FJ6900305	MAZDA MOTOR CORP	68,720.000	662,931.44	664,729.10	1,797.66
	GTZF94000102	FJ6900545	TOYOTA INDUSTRIES CORP	15,400.000	1,485,232.88	1,298,651.03	-186,581.85
	GTZF94000102	FJ6900552	TOYODA GOSEI CO LTD	8,131.000	169,295.40	142,972.36	-26,323.04
	GTZF94000102	FJ6900586	TOYOTA TSUSHO CORP	56,655.000	1,165,382.48	1,103,092.53	-62,289.95

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FJ6900594	TOYOTA BOSHOKU CORP	145,134.000	2,575,474.42	1,922,218.04	-653,256.38
	GTZF94000102	FJ6906708	TSUBAKIMOTO CHAIN CO	3,147.000	79,799.04	121,881.20	42,082.16
	GTZF94000102	FJB02Q325	ELECTRIC POWER DEVELOPMENT CO	293,328.000	4,271,019.68	4,577,893.58	306,873.90
	GTZF94000102	FJB064D86	GUNGHO ONLINE ENTERTAINMENT IN	5,858.000	114,497.17	98,744.05	-15,753.12
	GTZF94000102	FJB0N9WZ5	UACJ CORP	2,798.000	70,452.07	66,879.96	-3,572.11
	GTZF94000102	FJB10RB16	INPEX CORP	1,382,968.000	15,422,002.29	20,349,902.61	4,927,900.32
	GTZF94000102	FJB1BSCX1	MIXI INC	10,404.000	190,386.85	195,972.40	5,585.55
	GTZF94000102	FJB1FF8P7	IDEMITSU KOSAN CO LTD	1,058,777.000	4,120,994.72	6,855,130.37	2,734,135.65
	GTZF94000102	FJB1P1JR1	TS TECH CO LTD	64,436.000	864,828.32	763,289.82	-101,538.50
	GTZF94000102	FJB1TK236	SKY PERFECT JSAT HOLDINGS INC	19,759.000	78,059.90	106,619.50	28,559.60
	GTZF94000102	FJB249GF4	DOUTOR NICHIRETS HOLDINGS CO LT	3,759.000	54,797.89	52,344.65	-2,453.24
	GTZF94000102	FJB2Q4CS7	MS&AD INSURANCE GROUP HOLDINGS	830,491.000	9,858,284.76	18,457,076.94	8,598,792.18
	GTZF94000102	FJB3CY5L7	JVCKENWOOD CORP	20,021.000	100,847.60	115,998.83	15,151.23
	GTZF94000102	FJB3ZC076	MEGMILK SNOW BRAND CO LTD	2,798.000	37,788.05	45,241.81	7,453.76
	GTZF94000102	FJB54LCZ0	FINANCIAL PARTNERS GROUP CO LT	8,044.000	95,665.39	111,913.92	16,248.53
	GTZF94000102	FJB5LTM91	OTSUKA HOLDINGS CO LTD	39,169.000	1,401,728.63	1,648,477.78	246,749.15
	GTZF94000102	FJB601QS7	DAI-ICHI LIFE HOLDINGS INC	88,479.000	1,885,799.07	2,364,060.37	478,261.30
	GTZF94000102	FJB627LW8	ENEOS HOLDINGS INC	421,675.000	1,443,096.59	2,166,831.80	723,735.21
	GTZF94000102	FJB62G7K0	SOMPO HOLDINGS INC	1,184,079.000	18,426,725.09	25,284,790.89	6,858,065.80
	GTZF94000102	FJBD57ZM7	NISHI-NIPPON FINANCIAL HOLDING	348,136.000	3,089,594.35	4,384,704.42	1,295,110.07
	GTZF94000102	FJBHHDV38	WINGARC1ST INC	1,836.000	39,678.46	30,953.82	-8,724.64
	GTZF94000102	FJBKGHM17	MARUHA NICHIRO CORP	6,732.000	96,893.05	132,120.63	35,227.58
	GTZF94000102	FJBKSHP60	NIPPON EXPRESS HOLDINGS INC	17,486.000	948,422.03	806,034.40	-142,387.63
	GTZF94000102	FJBKY6H33	SEIBU HOLDINGS INC	23,606.000	337,976.33	325,341.93	-12,634.40
	GTZF94000102	FJBLSKXP2	RYOYO RYOSAN HOLDINGS INC	577.000	13,220.15	10,603.08	-2,617.07
	GTZF94000102	FJBYSJJ48	COSMO ENERGY HOLDINGS CO LTD	260,454.000	10,139,032.13	13,114,990.99	2,975,958.86
	GTZF94000102	FJBYS8140	JAPAN POST HOLDINGS CO LTD	209,220.000	2,105,547.89	2,074,511.43	-31,036.46
	GTZF94000102	FJBYS8165	JAPAN POST BANK CO LTD	147,625.000	1,600,700.93	1,394,480.87	-206,220.06
	GTZF94000102	FK6093231	CHEIL WORLDWIDE INC	22,977.000	316,148.50	307,138.89	-9,009.61
	GTZF94000102	FK6098230	BINGGRAE CO LTD	44,371.000	2,573,283.75	3,142,877.80	569,594.05
	GTZF94000102	FK6113617	DAOU TECHNOLOGY INC	26,719.000	355,874.87	366,864.48	10,989.61
	GTZF94000102	FK6150494	YOUNGONE HOLDINGS CO LTD	849.000	53,253.26	50,946.15	-2,307.11
	GTZF94000102	FK6155253	SAMSUNG FIRE & MARINE INSURANC	26,816.000	4,680,818.88	7,578,220.91	2,897,402.03
	GTZF94000102	FK6155931	DB INSURANCE CO LTD	7,179.000	406,445.94	597,163.29	190,717.35
	GTZF94000102	FK6178636	SJG SEJONG	20,937.000	154,943.78	85,177.75	-69,766.03
	GTZF94000102	FK6224877	SK TELECOM CO LTD	35,339.000	1,249,799.01	1,322,163.45	72,364.44
	GTZF94000102	FK6249650	MIRAE ASSET SECURITIES CO LTD	32,367.000	177,599.10	172,122.32	-5,476.78
	GTZF94000102	FK6251201	DAISHIN SECURITIES CO LTD	16,237.000	176,498.41	200,293.63	23,795.22
	GTZF94000102	FK6290902	LG UPLUS CORP	30,313.000	237,131.46	216,253.96	-20,877.50
	GTZF94000102	FK6352710	DAESANG CORP	3,185.000	51,187.23	65,134.56	13,947.33
	GTZF94000102	FK6378210	LS ELECTRIC CO LTD	37,928.000	4,402,619.11	6,075,642.32	1,673,023.21
	GTZF94000102	FK6397509	SHINHAN FINANCIAL GROUP CO LTD	117,405.000	3,029,462.03	4,106,828.31	1,077,366.28
	GTZF94000102	FK6408447	SAMSUNG SECURITIES CO LTD	8,983.000	245,427.88	259,733.60	14,305.72

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FK6449540	HYUNDAI MOBIS CO LTD	8,200.000	1,446,894.33	1,498,219.70	51,325.37
	GTZF94000102	FK6450266	SK HYNIX INC	115,932.000	12,281,285.37	19,918,569.07	7,637,283.70
	GTZF94000102	FK6451058	HYUNDAI MOTOR CO	15,698.000	2,334,069.89	3,364,263.50	1,030,193.61
	GTZF94000102	FK6462972	INDUSTRIAL BANK OF KOREA	776,775.000	6,095,590.48	7,911,647.26	1,816,056.78
	GTZF94000102	FK6490924	KIA CORP	388,969.000	26,125,118.25	36,537,361.15	10,412,242.90
	GTZF94000102	FK6499321	KUMHO PETROCHEMICAL CO LTD	9,371.000	943,749.78	997,349.16	53,599.38
	GTZF94000102	FK6505317	KT CORP	238,294.000	5,805,633.43	6,474,531.86	668,898.43
	GTZF94000102	FK6520738	LG ELECTRONICS INC	14,603.000	1,404,166.81	1,176,514.53	-227,652.28
	GTZF94000102	FK6537088	NH INVESTMENT & SECURITIES CO	20,015.000	145,063.77	184,518.91	39,455.14
	GTZF94000102	FK6537112	LX INTERNATIONAL CORP	16,766.000	377,997.93	371,494.99	-6,502.94
	GTZF94000102	FK6560395	NAVER CORP	12,997.000	1,672,790.24	1,575,879.91	-96,910.33
	GTZF94000102	FK6568612	HYUNDAI DEPARTMENT STORE CO LT	7,803.000	291,950.03	276,066.83	-15,883.20
	GTZF94000102	FK6654586	KOREA INVESTMENT HOLDINGS CO L	8,982.000	351,740.81	456,767.04	105,026.23
	GTZF94000102	FK6661110	DOOSAN CO LTD	19,499.000	1,339,404.48	3,073,942.47	1,734,537.99
	GTZF94000102	FK6771729	SAMSUNG ELECTRONICS CO LTD	1,696,684.000	98,420,078.00	100,457,469.87	2,037,391.87
	GTZF94000102	FK6771836	SAMYANG FOODS CO LTD	30,574.000	11,791,815.80	14,859,426.28	3,067,610.48
	GTZF94000102	FK6805048	SHINSEGAE INC	6,997.000	1,060,221.69	797,551.03	-262,670.66
	GTZF94000102	FK6896831	HYOSUNG CORP	1,289.000	60,467.47	55,249.53	-5,217.94
	GTZF94000102	FKB00VS67	KIWOOM SECURITIES CO LTD	2,499.000	167,655.78	228,568.12	60,912.34
	GTZF94000102	FKB01LXY1	HYUNDAI MARINE & FIRE INSURANC	89,169.000	2,101,239.25	2,234,892.58	133,653.33
	GTZF94000102	FKB01RJV0	GS HOLDINGS CORP	6,697.000	186,274.88	228,179.59	41,904.71
	GTZF94000102	FKB01T145	KOREAN REINSURANCE CO	162,846.000	721,961.22	944,068.81	222,107.59
	GTZF94000102	FKB0CSXQ1	HANMI SEMICONDUCTOR CO LTD	173,602.000	19,366,120.75	21,730,197.04	2,364,076.29
	GTZF94000102	FKB0RNRF7	HANA FINANCIAL GROUP INC	205,379.000	6,110,012.60	9,056,666.77	2,946,654.17
	GTZF94000102	FKB0V3XR3	HYUNDAI GLOVIS CO LTD	36,859.000	5,103,797.57	5,864,234.46	760,436.89
	GTZF94000102	FKB0WGPZ4	LOTTE SHOPPING CO LTD	7,902.000	426,140.19	364,530.95	-61,609.24
	GTZF94000102	FKB12C0T5	SAMSUNG LIFE INSURANCE CO LTD	11,211.000	572,610.65	720,794.20	148,183.55
	GTZF94000102	FKB39Z8L2	SK INC	43,415.000	5,823,222.35	4,992,802.45	-830,419.90
	GTZF94000102	FKB3BDFS5	POONGSAN CORP	26,771.000	881,767.99	1,231,096.13	349,328.14
	GTZF94000102	FKB3DF0Y1	KB FINANCIAL GROUP INC	351,163.000	12,725,713.17	20,026,362.35	7,300,649.18
	GTZF94000102	FKB3S98W5	BNK FINANCIAL GROUP INC	583,688.000	3,069,827.72	3,591,598.97	521,771.25
	GTZF94000102	FKB4WRJD8	MERITZ FINANCIAL GROUP INC	164,277.000	5,173,980.21	9,440,106.84	4,266,126.63
	GTZF94000102	FKB62B9W0	HANWHA LIFE INSURANCE CO LTD	42,099.000	82,431.17	91,752.24	9,321.07
	GTZF94000102	FKB66CTX0	FILA HOLDINGS CORP	105,228.000	3,222,217.97	3,065,486.10	-156,731.87
	GTZF94000102	FKB68N346	DGB FINANCIAL GROUP INC	172,055.000	949,296.13	1,002,456.02	53,159.89
	GTZF94000102	FKB7T5KQ2	HANKOOK TIRE & TECHNOLOGY CO L	10,303.000	268,981.34	338,318.54	69,337.20
	GTZF94000102	FKBB96Z38	JB FINANCIAL GROUP CO LTD	15,802.000	101,577.02	168,064.81	66,487.79
	GTZF94000102	FKBCDYQ30	NHN CORP	2,637.000	49,231.75	39,751.35	-9,480.40
	GTZF94000102	FKBD4HFS2	HD HYUNDAI CONSTRUCTION EQUIPM	18,168.000	911,054.95	725,927.88	-185,127.07
	GTZF94000102	FKBD4HFT0	HD HYUNDAI CO LTD	32,115.000	1,459,939.14	1,738,152.44	278,213.30
	GTZF94000102	FKBGHWH98	WOORI FINANCIAL GROUP INC	84,313.000	753,818.41	899,787.59	145,969.18
	GTZF94000102	FKBLH03L5	SILICON2 CO LTD	26,455.000	889,945.99	903,294.33	13,348.34
	GTZF94000102	FKBMTXTY2	DONGKUK STEEL MILL CO LTD/NEW	6,584.000	53,319.11	46,731.32	-6,587.79

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEUXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	FKBQJZQJ5	HL MANDO CO LTD	117,661.000	4,171,377.96	3,752,500.15	-418,877.81
	GTZF94000102	FKBRS2KY9	SAMSUNG SDS CO LTD	1,844.000	171,993.80	198,934.92	26,941.12
	GTZF94000102	FKBYQ1MZ3	DOUBLEUGAMES CO LTD	10,466.000	278,096.61	350,513.96	72,417.35
	GTZF94000102	FKBYX9GP7	DOOSAN BOBCAT INC	30,067.000	1,420,617.64	1,120,549.70	-300,067.94
	GTZF94000102	FL6230849	UNITED TRACTORS TBK PT	170,401.000	255,962.00	228,676.66	-27,285.34
	GTZF94000102	FLB3BQFC9	ADARO ENERGY INDONESIA TBK PT	1,787,594.000	265,690.48	304,574.75	38,884.27
	GTZF94000102	FM6164475	GOLDEN AGRI-RESOURCES LTD	780,575.000	141,727.68	155,510.24	13,782.56
	GTZF94000102	FM6353367	UMS INTEGRATION LTD	67,234.000	66,121.94	58,539.84	-7,582.10
	GTZF94000102	FM6472118	JARDINE MATHESON HOLDINGS LTD	62,775.000	3,176,707.84	2,220,979.50	-955,728.34
	GTZF94000102	FM6603738	COMFORTDELGRO CORP LTD	285,984.000	300,596.52	282,765.95	-17,830.57
	GTZF94000102	FMB1VT039	YANGZIJIANG SHIPBUILDING HOLDI	341,939.000	378,991.76	620,675.11	241,683.35
	GTZF94000102	FN6269819	DRB-HICOM BHD	1,182,000.000	348,814.38	340,756.76	-8,057.62
	GTZF94000102	FNB1VXJL8	GENTING BHD	1,380,400.000	1,200,733.58	1,378,205.41	177,471.83
	GTZF94000102	FNB1VXKN2	GENTING MALAYSIA BHD	395,800.000	231,802.54	213,945.95	-17,856.59
	GTZF94000102	FNBGLKMM8	BERMAZ AUTO BHD	80,000.000	41,933.49	42,564.92	631.43
	GTZF94000102	FPBQ13Z05	SEMIRARA MINING & POWER CORP	120,500.000	72,981.81	69,287.14	-3,694.67
	GTZF94000102	FQB02VH23	PAKISTAN PETROLEUM LTD	1,229,182.000	560,175.98	517,245.84	-42,930.14
	GTZF94000102	FWBF12ZV8	LEEJAM SPORTS CO JSC	3,919.000	201,423.53	236,711.11	35,287.58
	GTZF94000102	FZ6075805	BANK HAPOALIM BM	160,184.000	1,309,915.69	1,416,364.68	106,448.99
	GTZF94000102	FZ6076423	BANK LEUMI LE-ISRAEL BM	460,385.000	3,452,027.64	3,751,810.23	299,782.59
	GTZF94000102	FZ6123811	FIRST INTERNATIONAL BANK OF IS	8,472.000	357,011.87	321,140.79	-35,871.08
	GTZF94000102	FZ6219643	DELEK GROUP LTD	1,233.000	183,610.77	130,232.19	-53,378.58
	GTZF94000102	FZ6270935	DISCOUNT INVESTMENT CORP LTD	0.040	0.04	0.03	-0.01
	GTZF94000102	FZ6410705	HAREL INSURANCE INVESTMENTS &	15,915.000	103,189.96	127,710.36	24,520.40
	GTZF94000102	FZ6451279	ISRAEL DISCOUNT BANK LTD	148,825.000	659,818.99	742,307.75	82,488.76
	GTZF94000102	FZ6460593	PHOENIX FINANCIAL LTD	18,769.000	183,634.28	171,388.19	-12,246.09
	GTZF94000102	FZ6577875	MENORA MIVTACHIM HOLDINGS LTD	2,900.000	73,293.36	69,667.13	-3,626.23
	GTZF94000102	FZ6647132	NICE LTD	6,845.000	1,277,528.24	1,119,453.31	-158,074.93
	GTZF94000102	FZ6889676	ISRAEL CORP LTD	514.000	135,076.33	114,896.85	-20,179.48
	GTZF94000102	FZ6916701	MIZRAHI TEFAHOT BANK LTD	15,577.000	556,631.36	527,613.40	-29,017.96
	GTZF94000102	FZB1S0581	OIL REFINERIES LTD	2,905,652.000	864,034.55	671,033.46	-193,001.09
	GTZF94000102	G89479102	TORM PLC	305,457.000	11,251,261.51	11,842,567.89	591,306.38
	GTZF94000102	H42097107	UBS GROUP AG	171,078.000	5,151,021.65	5,053,644.12	-97,377.53
	GTZF94000102	IC7440626	ERSTE GROUP BANK AG	4,829.000	170,419.50	228,133.92	57,714.42
	GTZF94000102	IR4767986	SBERBANK OF RUSSIA PJSC	9,761,972.000	2,001,913.17	97,336.77	-1,904,576.40
	GTZF94000102	IRB59L4L4	GAZPROM PJSC	12,701,900.000	1,816,300.68	126,650.83	-1,689,649.85
	GTZF94000102	IRB59SNS3	LUKOIL PJSC	437,483.000	1,908,721.16	4,362.15	-1,904,359.01
	GTZF94000102	IRB59SS17	ROSNEFT OIL CO PJSC	2,302,613.000	950,297.36	22,959.39	-927,337.97
	GTZF94000102	IRB5B1TP9	VTB BANK PJSC	21,346,550,000.000	477,017.86	247,496.23	-229,521.63
	GTZF94000102	IRB5B1TX2	MMC NORILSK NICKEL PJSC	6,185,000.000	778,232.61	645.39	-777,587.22
	GTZF94000102	IRB5BHQP7	SURGUTNEFTEGAS PJSC	4,391,300.000	106,715.95	43,785.72	-62,930.23
	GTZF94000102	KS6113481	TRUWORTHS INTERNATIONAL LTD	28,133.000	112,646.84	143,715.57	31,068.73
	GTZF94000102	KS6418807	EXXARO RESOURCES LTD	28,236.000	245,313.01	275,246.88	29,933.87

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	KSB06KZ98	WOOLWORTHS HOLDINGS LTD/SOUTH	70,164.000	268,857.07	237,389.48	-31,467.59
	GTZF94000102	KSBM9HB17	THUNGELA RESOURCES LTD	9,910.000	76,186.43	60,491.16	-15,695.27
	GTZF94000102	KSBYXW419	MR PRICE GROUP LTD	34,012.000	265,117.75	383,557.01	118,439.26
	GTZF94000102	LB2328592	BANCO DO BRASIL SA	2,823,000.000	14,483,675.37	13,534,461.55	-949,213.82
	GTZF94000102	LB2682360	PETROLEO BRASILEIRO SA	3,133,300.000	21,643,597.20	22,744,764.27	1,101,167.07
	GTZF94000102	LBB00FM87	BANCO BRADESCO SA	221,700.000	550,063.94	447,036.16	-103,027.78
	GTZF94000102	LBB03DN13	ITAU UNIBANCO HOLDING SA	234,500.000	1,242,859.76	1,179,582.14	-63,277.62
	GTZF94000102	LBB0FHTN7	ULTRAPAR PARTICIPACOES SA	1,994,900.000	7,840,651.74	7,772,081.12	-68,570.62
	GTZF94000102	LBB1V74X4	JBS S/A	51,500.000	277,375.82	299,851.47	22,475.65
	GTZF94000102	LBB4V5RY5	BANCO SANTANDER BRASIL SA	554,600.000	3,561,160.61	2,752,805.77	-808,354.84
	GTZF94000102	LBB9N3SQ4	BB SEGURIDADE PARTICIPACOES SA	781,400.000	4,993,347.20	4,639,626.24	-353,720.96
	GTZF94000102	LBBG36ZK8	B3 SA - BRASIL BOLSA BALCAO	3,395,800.000	9,280,203.46	6,254,270.72	-3,025,932.74
	GTZF94000102	LBBMDWWN4	CAIXA SEGURIDADE PARTICIPACOES	742,200.000	1,611,867.53	1,912,139.27	300,271.74
	GTZF94000102	LBBPBLV87	VIBRA ENERGIA SA	1,361,100.000	5,997,148.17	5,126,378.31	-870,769.86
	GTZF94000102	LC2069350	BANCO DE CREDITO E INVERSIONES	63,223.000	1,830,104.40	1,773,599.30	-56,505.10
	GTZF94000102	LC2174317	CAP SA	10,271.000	76,189.83	64,312.00	-11,877.83
	GTZF94000102	LC2196336	CIA SUD AMERICANA DE VAPORES S	26,890,943.000	1,871,956.11	1,702,468.36	-169,487.75
	GTZF94000102	LC2297621	EMPRESA NACIONAL DE TELECOMUNI	18,888.000	75,942.90	55,768.04	-20,174.86
	GTZF94000102	LC2309251	COLBUN SA	1,131,651.000	172,516.33	146,011.33	-26,505.00
	GTZF94000102	LC2771674	FALABELLA SA	110,114.000	264,845.51	338,417.41	73,571.90
	GTZF94000102	LCB00R3L1	CENCOSUD SA	701,643.000	1,418,244.24	1,319,401.53	-98,842.71
	GTZF94000102	LCBYMLZD9	ENEL CHILE SA	20,442,473.000	1,375,845.42	1,149,980.25	-225,865.17
	GTZF94000102	LM2563012	ALSEA SAB DE CV	65,572.000	222,117.45	228,070.29	5,952.84
	GTZF94000102	LMBHWQZW0	GENTERA SAB DE CV	148,631.000	181,507.91	184,269.76	2,761.85
	GTZF94000102	M22465104	CHECK POINT SOFTWARE TECHNOLOG	9,593.000	1,204,793.94	1,582,845.00	378,051.06
	GTZF94000102	M2682V108	CYBERARK SOFTWARE LTD	4,297.000	968,992.38	1,174,885.74	205,893.36
	GTZF94000102	M6158M104	ITURAN LOCATION AND CONTROL LT	2,049.000	52,011.69	50,487.36	-1,524.33
	GTZF94000102	M98068105	WIX.COM LTD	6,531.000	597,999.07	1,038,886.17	440,887.10
	GTZF94000102	N00985106	AERCAP HOLDINGS NV	20,812.000	1,812,073.10	1,939,678.40	127,605.30
	GTZF94000102	N82405106	STELLANTIS NV	352,339.000	6,941,110.97	6,993,929.15	52,818.18
	GTZF94000102	NC2024643	BARRICK GOLD CORP	442,018.000	7,504,265.08	7,371,542.93	-132,722.15
	GTZF94000102	NC2107620	MARTINREA INTERNATIONAL INC	6,055.000	60,630.09	50,887.93	-9,742.16
	GTZF94000102	NC2141942	DESCARTES SYS GROUP INC	7,266.000	588,258.81	703,846.46	115,587.65
	GTZF94000102	NC2169059	ROGERS COMMUNICATIONS INC CL B	141,929.000	5,542,020.53	5,248,370.23	-293,650.30
	GTZF94000102	NC2170529	CANADIAN IMPERIAL BK OF COMM	63,756.000	3,107,059.52	3,030,896.92	-76,162.60
	GTZF94000102	NC2180635	CANADIAN NATIONAL RAILWAY CO	35,726.000	4,434,109.59	4,220,751.39	-213,358.20
	GTZF94000102	NC2260825	OPEN TEXT CORPORATION	64,766.000	2,879,480.31	1,944,376.28	-935,104.03
	GTZF94000102	NC2314002	EMPIRE CO LTD CL A NON-VTG	19,300.000	536,008.08	493,237.11	-42,770.97
	GTZF94000102	NC2446648	IAMGOLD CORP	151,079.000	546,052.08	567,505.43	21,453.35
	GTZF94000102	NC2466141	ENBRIDGE INC	26,497.000	944,669.25	942,455.51	-2,213.74
	GTZF94000102	NC2754389	ROYAL BANK OF CANADA	112,351.000	11,993,415.99	11,958,872.48	-34,543.51
	GTZF94000102	NC2826948	NEW GOLD INC	157,143.000	295,090.35	310,071.33	14,980.98
	GTZF94000102	NC2869963	TRICAN WELL SERVICE LTD	28,147.000	85,279.90	99,147.54	13,867.64

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	NCB01NXQ3	CENTERRA GOLD INC	94,925.000	656,622.92	638,221.22	-18,401.70
	GTZF94000102	NCB03Z841	KINROSS GOLD CORP	5,427,182.000	42,027,511.19	45,175,286.31	3,147,775.12
	GTZF94000102	NCB15C4L4	CONSTELLATION SOFTWARE INC	2,205.000	4,583,073.15	6,352,063.00	1,768,989.85
	GTZF94000102	NCB3NB1P6	SUNCOR ENERGY INC NEW	49,791.000	1,923,866.33	1,897,614.39	-26,251.94
	GTZF94000102	NCB418WK2	WHITECAP RESOURCES INC	129,487.000	817,943.71	947,246.59	129,302.88
	GTZF94000102	NCB57FG09	CENOVUS ENERGY INC	156,019.000	3,157,027.16	3,065,992.56	-91,034.60
	GTZF94000102	NCB5TZQH3	AUTOCANADA INC	3,293.000	56,797.24	46,277.92	-10,519.32
	GTZF94000102	NCBJ2L578	CGI INC CL A SUB VTG	75,035.000	7,977,773.19	7,487,871.71	-489,901.48
	GTZF94000102	NCBJMY6G7	TC ENERGY CORP	140,538.000	5,457,147.80	5,326,342.45	-130,805.35
	GTZF94000102	NCBPP2FH8	ADENTRA INC	1,974.000	52,463.24	53,766.20	1,302.96
	GTZF94000102	NCBR52TP3	CONSTELLATION SOFTWARE INC WT 31-MAR-2040	3,060.000	0.00	0.00	0.00
	GTZF94000102	NCBSCB6L7	CELESTICA INC	112,234.000	2,643,068.03	6,425,557.47	3,782,489.44
	GTZF94000102	NCBTF8CF5	RESTAURANT BRANDS INTL INC	36,102.000	2,739,643.10	2,543,379.11	-196,263.99
	GTZF94000102	NCBX865C3	SHOPIFY INC CL A SUB VTG	135,686.000	10,766,538.43	8,965,082.96	-1,801,455.47
	GTZF94000102	NCBZ3DNP9	ALAMOS GOLD INC NEW CL A	44,110.000	734,220.88	691,782.51	-42,438.37
	GTZF94000102	NCBZ57CN7	CES ENERGY SOLUTIONS CORP	34,036.000	101,191.90	191,527.90	90,336.00
	GTZF94000102	SD4253045	AP MOLLER - MAERSK A/S	1,486.000	2,067,194.87	2,585,155.65	517,960.78
	GTZF94000102	SD4253052	AP MOLLER - MAERSK A/S	386.000	670,995.51	655,704.06	-15,291.45
	GTZF94000102	SD4588820	DANSKE BANK A/S	19,895.000	539,508.81	593,287.42	53,778.61
	GTZF94000102	SDB0386J3	JYSKE BANK A/S	5,130.000	418,049.39	408,441.84	-9,607.55
	GTZF94000102	SDB1WP651	D/S NORDEN A/S	2,769.000	120,250.91	120,657.76	406.85
	GTZF94000102	SDB44XTX3	PANDORA A/S	8,338.000	1,186,879.36	1,259,411.63	72,532.27
	GTZF94000102	SDBBL4QM9	MATAS A/S	4,678.000	67,289.66	77,986.84	10,697.18
	GTZF94000102	SDBP6KMJ0	NOVO NORDISK A/S	339,481.000	30,312,454.89	49,061,839.90	18,749,385.01
	GTZF94000102	SDBPXW7F9	SVITZER GROUP A/S	4,282.000	122,775.20	159,724.23	36,949.03
	GTZF94000102	SDBZ3CNK5	TORM PLC	80,510.000	2,740,254.88	3,147,181.75	406,926.87
	GTZF94000102	SF4525181	WARTSILA OYJ ABP	41,992.000	822,067.11	810,088.67	-11,978.44
	GTZF94000102	SFB09M9D1	KONE OYJ	47,330.000	2,191,422.68	2,337,958.00	146,535.32
	GTZF94000102	SFBD3CWG8	TOKMANNI GROUP CORP	6,290.000	101,717.26	88,311.13	-13,406.13
	GTZF94000102	SFBFM0SV0	NORDEA BANK ABP	761,382.000	8,285,102.46	9,069,964.03	784,861.57
	GTZF94000102	SN5208244	KONGSBERG GRUPPEN ASA	8,844.000	561,937.13	722,637.24	160,700.11
	GTZF94000102	SN7133606	EQUINOR ASA	449,206.000	12,407,525.55	12,823,307.19	415,781.64
	GTZF94000102	SNB1L95G4	AKER BP ASA	34,142.000	901,857.94	872,829.53	-29,028.41
	GTZF94000102	SNB4PKZG6	STOLT-NIELSEN LTD	10,546.000	371,557.67	500,185.96	128,628.29
	GTZF94000102	SNB55WMQ1	WALLENIIUS WILHELMSEN ASA	118,089.000	1,281,989.36	1,207,785.12	-74,204.24
	GTZF94000102	SNBD44K22	OKEANIS ECO TANKERS CORP	20,255.000	576,924.86	648,692.65	71,767.79
	GTZF94000102	SNBDX87W0	ODFJELL DRILLING LTD	13,248.000	45,977.72	72,290.10	26,312.38
	GTZF94000102	SNBF20GN6	MPC CONTAINER SHIPS ASA	33,150.000	46,792.29	70,082.79	23,290.50
	GTZF94000102	SNBGLPC93	BW LPG LTD	242,095.000	4,929,719.04	4,508,799.09	-420,919.95
	GTZF94000102	SNBJK0P81	HAFNIA LTD	53,887.000	329,459.77	453,971.72	124,511.95
	GTZF94000102	SNBMFDP25	HOEGH AUTOLINERS ASA	174,229.000	1,625,752.93	2,058,512.15	432,759.22
	GTZF94000102	SS4813340	SKANDINAVISKA ENSKILDA BANKEN	670,593.000	7,940,171.46	9,909,898.25	1,969,726.79
	GTZF94000102	SS4846522	SWEDBANK AB	637,485.000	10,926,165.02	13,128,692.42	2,202,527.40

**Schedule of Investments at End of Plan Year at Revalued Cost**

Arrowstreet International Equity - ACWI ex US Fund

EIN: 45-6500555 PN: 003

7/1/2023 - 6/30/2024

Report ID: M1102E

Status: FINAL

GT_ACWIEXUS_CAAG * - GTZG94000000

GT-ACWI EX US

	Security ID	Security Description	Shares	Cost	Market Value	Unrealized Gain/Loss	
	GTZF94000102	SS5687438	H & M HENNES & MAURITZ AB	60,838.000	1,081,731.86	963,106.52	-118,625.34
	GTZF94000102	SS5959373	TELEFONAKTIEBOLAGET LM ERICSSO	296,520.000	1,758,796.58	1,842,365.21	83,568.63
	GTZF94000102	SS5978381	TELIA CO AB	230,727.000	537,990.30	619,399.88	81,409.58
	GTZF94000102	SS7113813	ABB LTD	30,216.000	1,710,099.46	1,677,683.90	-32,415.56
	GTZF94000102	SS7332686	ALFA LAVAL AB	29,024.000	1,025,618.89	1,271,934.28	246,315.39
	GTZF94000102	SSB00L2M1	MILLICOM INTERNATIONAL CELLULA	12,205.000	201,004.34	297,339.99	96,335.65
	GTZF94000102	SSB1HP077	LINDAB INTERNATIONAL AB	3,664.000	65,529.13	78,468.32	12,939.19
	GTZF94000102	SSB1VSK57	INDUSTRIVARDEN AB	31,960.000	1,116,165.74	1,079,195.48	-36,970.26
	GTZF94000102	SSB97C732	TELE2 AB	101,187.000	835,603.70	1,019,494.71	183,891.01
	GTZF94000102	SSBDHFV61	ACADEMEDIA AB	10,434.000	48,999.56	50,937.45	1,937.89
	GTZF94000102	SSBMV7PQ6	INVESTOR AB	215,648.000	5,504,749.80	5,909,335.95	404,586.15
	GTZF94000102	SSBXDZ9Q8	SVENSKA HANDELSBANKEN AB	154,910.000	1,613,921.58	1,476,663.76	-137,257.82
	GTZF94000102	SSBYZF9J2	NORDEA BANK ABP	1,073,673.000	11,168,261.65	12,784,476.71	1,616,215.06
	GTZF94000102	SSBZ1N264	ATTENDO AB	91,204.000	367,751.42	377,210.55	9,459.13
	GTZF94000102	Y8162K204	STAR BULK CARRIERS CORP	131,269.000	2,688,210.52	3,200,338.22	512,127.70
TOTAL CORPORATE STOCK - COMMON				2,822,816,351.53	3,191,803,524.35	368,987,172.82	
GRAND TOTAL				2,977,974,886.46	3,336,391,720.52	358,416,834.06	

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