

**State Universities Retirement System
of the State of Illinois**
(A Component Unit of the State of Illinois)
Compliance Examination
For the Year Ended June 30, 2020
Performed as Special Assistant Auditors for
the Auditor General, State of Illinois

**State Universities Retirement System
of the State of Illinois**
Compliance Examination
For the Year Ended June 30, 2020

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**State Universities Retirement System
of the State of Illinois**
Compliance Examination
For the Year Ended June 30, 2020

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Other Reports Issued under a Separate Cover

The System's financial statements as of and for the year ended June 30, 2020, which includes the Independent Auditor's Report, Management Discussion and Analysis, Basic Financial Statements and Notes to the Financial Statements, Required Supplementary Information Other than Management Discussion and Analysis, Supplementary Information, and the Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of the Financial Statements performed in accordance with *Government Auditing Standards* have been issued under a separate cover.

**State Universities Retirement System
of the State of Illinois**
For the Year Ended June 30, 2020

System Officials

Executive Director	Mr. Martin Noven
Chief Financial Officer	Ms. Tara Myers
Chief Investment Officer	Mr. Doug Wesley
General Counsel	Ms. Bianca Green
Director of Internal Audit	Ms. Jacqueline Hohn

Board Officers

Chairperson	Mr. John Atkinson
Vice Chairperson	Mr. Colin Van Meter
Treasurer	Mr. John Lyons

Board Members

Board of Trustees	Mr. Aaron Ammons Mr. Richard Figueroa Ms. Jamie-Clare Flaherty Mr. J. Fred Giertz Mr. Scott Hendrie Mr. Steven Rock Mr. Antonio Vasquez Mr. Mitchell Vogel
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System Office Location

1901 Fox Drive
Champaign, Illinois 61820



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800-275-7877 • 217-378-8800 • (Fax) 217-378-9800
www.surs.org

Martin Noven, Executive Director

MANAGEMENT ASSERTION LETTER

January 26, 2021

BKD, LLP
Certified Public Accountant
225 North Water Street, Suite 400
Decatur, IL 62523

Ladies and Gentlemen:

We are responsible for the identification of, and compliance with, all aspects of laws, regulations, contracts, or grant agreements that could have a material effect on the operations of the State Universities Retirement System. We are responsible for and we have established and maintained an effective system of internal controls over compliance requirements. We have performed an evaluation of the State Universities Retirement System's compliance with the following specified requirements during the year ended June 30, 2020. Based on this evaluation, we assert that during the year ended June 30, 2020 the State Universities Retirement System has materially complied with the specified requirements listed below.

- A. The State Universities Retirement System has obligated, expended, received, and used public funds of the State in accordance with the purpose for which such funds have been appropriated or otherwise authorized by law.
- B. The State Universities Retirement System has obligated, expended, received, and used public funds of the State in accordance with any limitations, restrictions, conditions, or mandatory directions imposed by law upon such obligation, expenditure, receipt, or use.
- C. The State Universities Retirement System has complied, in all material respects, with applicable laws and regulations, including the State uniform accounting system, in its financial and fiscal operations.
- D. State revenues and receipts collected by the State Universities Retirement System are in accordance with applicable laws and regulations and the accounting and recordkeeping of such revenues and receipts is fair, accurate, and in accordance with law.
- E. Money or negotiable securities or similar assets handled by the State Universities Retirement System on behalf of the State or held in trust by the State Universities Retirement System have been properly and legally administered, and the accounting and recordkeeping relating thereto is proper, accurate, and in accordance with law.

Yours truly,

State Universities Retirement System

SIGNED ORIGINAL ON FILE

Martin Noven, Executive Director

SIGNED ORIGINAL ON FILE

Bianca Green, General Counsel

SIGNED ORIGINAL ON FILE

Tara Myers, Chief Financial Officer

Compliance Report

**State Universities Retirement System
of the State of Illinois
Compliance Report Summary
For the Year Ended June 30, 2020**

The compliance testing performed during this examination was conducted in accordance with *Government Auditing Standards* and the Illinois State Auditing Act.

Accountant's Reports

The Independent Accountant's Report on State Compliance, on Internal Control Over Compliance, and on Supplementary Information for State Compliance Purposes does not contain scope limitations or disclaimers, but does contain a modified opinion on compliance.

Summary of Findings

Number of	Current Report	Prior Report
Findings	1	—
Repeated findings	—	—
Prior recommendations implemented or not repeated	—	—

Schedule of Findings

Item No.	Page	Last Reported	Description	Finding Type
Findings (State Compliance)				
2020-001	10	2020	Noncompliance with the Illinois Pension Code	Material Noncompliance

Exit Conference

The System waived a formal exit conference in a correspondence from Jackie Hohn, Chief Internal Auditor, on January 20, 2021. The response to the recommendation was provided by Jackie Hohn, Chief Internal Auditor, in correspondence dated January 25, 2021.

**Independent Accountant's Report on State Compliance,
on Internal Control over Compliance, and on Supplementary
Information for State Compliance Purposes**

Honorable Frank J. Mautino
Auditor General
State of Illinois

and

The Board of Trustees
State Universities Retirement System of Illinois
Champaign, Illinois

Compliance

As Special Assistant Auditors for the Auditor General, we have examined compliance by the State of Illinois, State Universities Retirement System (System) with the specified requirements listed below, as more fully described in the *Audit Guide for Financial Audits and Compliance Attestation Engagements of Illinois State Agencies (Audit Guide)* as adopted by the Auditor General, during the year ended June 30, 2020. Management of the System is responsible for compliance with the specified requirements. Our responsibility is to express an opinion on the System's compliance with the specified requirements based on our examination.

The specified requirements are:

- A. The System has obligated, expended, received and used public funds of the State in accordance with the purpose for which such funds have been appropriated or otherwise authorized by law.
- B. The System has obligated, expended, received and used public funds of the State in accordance with any limitations, restrictions, conditions or mandatory directions imposed by law upon such obligation, expenditure, receipt or use.
- C. The System has complied, in all material respects, with applicable laws and regulations, including the State uniform accounting system, in its financial and fiscal operations.
- D. State revenues and receipts collected by the System are in accordance with applicable laws and regulations and the accounting and recordkeeping of such revenues and receipts is fair, accurate and in accordance with law.
- E. Money or negotiable securities or similar assets handled by the System on behalf of the State or held in trust by the System have been properly and legally administered and the accounting and recordkeeping relating thereto is proper, accurate and in accordance with law.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants, the standards applicable to attestation engagements contained in *Government Auditing Standards* issued by the Comptroller General of the United States; the Illinois State Auditing Act (Act), and the *Audit Guide*. Those standards, the Act, and the *Audit Guide* require that we plan and perform the examination to obtain reasonable assurance about whether the System complied with the specified requirements in all material respects. An examination involves performing procedures to obtain evidence about whether the System complied with the specified requirements. The nature, timing and extent of the procedures selected depend on our judgement, including an assessment of the risks of material noncompliance with the specified requirements, whether due to fraud or error. We believe that the evidence we obtained is sufficient and appropriate to provide a reasonable basis for our opinion.

Our examination does not provide a legal determination on the System's compliance with the specified requirements.

Our examination disclosed material noncompliance with the following specified requirements applicable to the System during the year ended June 30, 2020. As described in the accompanying Schedule of Findings as item 2020-001, the System had not complied, in all material respects, with applicable laws and regulations.

In our opinion, except for the material deviation from the specified requirements described in the preceding paragraph, the System complied with the specified requirements during the year ended June 30, 2020, in all material respects.

The System's response to the compliance finding identified in our examination is described in the accompanying Schedule of Findings. The System's response was not subjected to the procedures applied in the examination and, accordingly, we express no opinion on the response.

The purpose of this report is solely to describe the scope of our testing and the results of that testing in accordance with the requirements of the *Audit Guide*. Accordingly, this report is not suitable for any other purpose.

Internal Control Over Compliance

Management of the System is responsible for establishing and maintaining effective internal control over compliance with the specified requirements (internal control). In planning and performing our examination, we considered the System's internal control to determine the examination procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the System's compliance with the specified requirements and to test and report on the System's internal control in accordance with the *Audit Guide*, but not for the purpose of expressing an opinion on the effectiveness of the System's internal control. Accordingly, we do not express an opinion on the effectiveness of the System's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with the specified requirements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that material noncompliance with the specified requirements will not be prevented,

or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our examination, we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

As required by the *Audit Guide*, immaterial findings excluded from this report have been reported in a separate letter.

The purpose of this report is solely to describe the scope of our testing of internal control and the results of that testing based on the requirements of the *Audit Guide*. Accordingly, this report is not suitable for any other purpose.

Supplementary Information for State Compliance Purposes

As Special Assistant Auditors for the Auditor General, we have audited the financial statements of the System as of and for the year ended June 30, 2020 (not presented herein), and have issued our report thereon dated December 11, 2020, which contained an unmodified opinion on those financial statements. Our audit was conducted for the purpose of forming an opinion on the basic financial statements that collectively comprise the System's basic financial statements. We have not performed any procedures with respect to the audited financial statements subsequent to December 11, 2020. The accompanying supplementary information for the year ended June 30, 2020 in Schedules 1 through 14 and the Investment Listing (Schedule 15), is presented for purposes of additional analysis and is not a required part of the basic financial statements of the System. Such information is the responsibility of System management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The accompanying supplementary information for the year ended June 30, 2020, in Schedules 1 through 14 and the Investment Listing (Schedule 15), has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the accompanying supplementary information for the year ended June 30, 2020, in Schedules 1 through 14 and the Investment Listing (Schedule 15), is fairly stated in all material respects in relation to the basic financial statements as a whole for the year ended June 30, 2020.

We have also previously audited, in accordance with auditing standards generally accepted in the United States of America, the System's basic financial statements as of and for the year ended June 30, 2019, and have issued our report thereon dated December 11, 2019, which contained an unmodified opinion on those financial statements. The accompanying supplementary information for the year ended June 30, 2019 in Schedules 1 through 12 is the responsibility of System management and was derived from and relates directly to the underlying accounting and other records used to prepare the June 30, 2019 financial statements. The accompanying supplementary information for the year ended June 30, 2019 in Schedules 1 through 12, has been subjected to the auditing procedures applied in the audit of the June 30, 2019 basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the

accompanying supplementary information for the year ended June 30, 2019 in Schedules 1 through 12, is fairly stated in all material respects in relation to the basic financial statements as a whole for the year ended June 30, 2019.

The accompanying supplementary information in the Analysis of Operations Section is presented for the purposes of additional analysis and is not a required part of the basic financial statements. Such information has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on it.

SIGNED ORIGINAL ON FILE

Decatur, Illinois

January 26, 2021, except for our report on Supplementary Information for State Compliance Purposes, as to which the date is December 11, 2020.

**Independent Auditor's Report on Internal Control over
Financial Reporting and on Compliance and Other Matters
Based on an Audit of the Financial Statements Performed
in Accordance With *Government Auditing Standards***

The Honorable Frank J. Mautino
Auditor General
State of Illinois
and
The Board of Trustees
State Universities Retirement System of the State of Illinois

As Special Assistant Auditors for the Auditor General, we have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the State Universities Retirement System of the State of Illinois (System), a component unit of the State of Illinois, as of and for the year ended June 30, 2020, and the related notes to the financial statements, which collectively comprise the System's basic financial statements, and have issued our report thereon dated December 11, 2020.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the System's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Internal Control Over Financial Reporting

Management of the System is responsible for establishing and maintaining effective internal control over financial reporting (internal control).

In planning and performing our audit of the financial statements, we considered the System's internal control to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the System's internal control. Accordingly, we do not express an opinion on the effectiveness of the System's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatement on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the System's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the System's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the System's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

SIGNED ORIGINAL ON FILE

Decatur, Illinois
December 11, 2020

State Universities Retirement System of the State of Illinois

Schedule of Findings Current Findings – State Compliance June 30, 2020

2020-001. Finding – Noncompliance with the Illinois Pension Code

The State Universities Retirement System (System) has not adopted administrative rules regarding the determination of whether any person is an employee under § 15-107 of the Illinois Pension Code (Code) (40 ILCS 5/15-107).

During testing, we noted Public Act 99-0897, which was effective on January 1, 2017, amended the Code to require the System adopt administrative rules regarding the determination of whether any person is an employee under § 15-107. Further, we noted the proper conclusion of whether a person is an “employee” under § 15-107 determines whether that person will participate in either the System’s defined benefit pension plan or self-managed plan (now known as the Retirement Savings Plan).

The Code (40 ILCS 5/15-107(k)) requires the System’s Board of Trustees to promulgate rules with respect to determining whether any person is an employee within the meaning of § 15-107.

System officials indicated they began the process to create said rules in 2017 but have not formally adopted said rules due to delays caused in large part by (1) the time needed to research the various interpretations of “employee” used by the System’s employers and carefully draft several iterations of the proposed rule, (2) time lost when one of the Legal Department staff members and one of the System’s three staff attorneys unexpectedly separated, and (3) other competing time-sensitive priorities of the System’s legal staff, including, but not limited to, work performed in advance of and after the selection of a recordkeeper and investment services for the § 401(a) and § 457(b) plans and work performed in advance of, and after, the passage of Public Acts 100-0023, 100-0587, 100-0624, and 100-769.

Failure to adopt administrative rules determining whether any person is an employee within the meaning of § 15-107 delayed congruence among the System’s employers in determining whether new persons are eligible to participate in either the System’s defined benefit pension plan or self-managed plan (now, Retirement Savings Plan). (Finding Code 2020-001)

Recommendation

We recommend the System’s Board of Trustees promulgate rules with respect to determining whether any person is an employee within the meaning of § 15-107.

System Response

The System agrees with the finding that currently there is not a Joint Committee on Administrative Rules (JCAR) rule in place that defines an employee in accordance with the Code. Staff of the System began working on gathering information from employers and drafting the rule in late 2016. Due to the complicated nature of the rule, each employer having a different policy, and competing priorities, drafting the definition has taken several years. Currently there is a draft that has been circulated for employer comment and staff are currently working to have a final draft rule in place by the end of 2021.

**Supplementary Information
for State Compliance Purposes**

Fiscal Schedules and Analysis

Schedule 1**State Universities Retirement System
of the State of Illinois****Summary Schedule of Appropriations and Expenditures
Expenditure Authority for Fiscal Year 2020
For the Years Ended June 30, 2020 and 2019**

	Appropriations 2020	Expenditures 2020	Appropriations 2019	Expenditures 2019
Appropriations made to the State Universities Retirement System from the State General Revenue Fund (0001):				
40 ILCS 15/1.1(b) continuing appropriation Public Act # 101-0007	\$1,639,692,000	\$1,639,692,000		
Public Act # 100-587			\$1,440,154,000	\$1,440,154,000
40 ILCS 15/1.4 continuing appropriation Public Act # 101-0007	4,431,113	4,431,113 *		
Public Act # 100-587			4,390,811	4,390,811 *
State Universities Retirement System from the State Pension Fund (0054):				
Public Act # 101-0007	<u>215,000,000</u>	<u>215,000,000</u>		
Public Act # 100-587			<u>215,000,000</u>	<u>215,000,000</u>
Total appropriations	<u>\$1,859,123,113</u>	<u>\$1,859,123,113</u>	<u>\$1,659,544,811</u>	<u>\$1,659,544,811</u>

* Transferred to the Community College Health Insurance Security Fund as the State's contribution for community college benefit recipient's health benefits.

Note: PA 88-0593 is the legislation that gave SURS continuing appropriation authority. Vouchers are submitted under this statute when the State does not appropriate an amount equal to the certified amount. This allows SURS to bill the State for the payments required.

Schedule 2

**State Universities Retirement System
of the State of Illinois**

**Comparative Schedules of Revenues and Expenses
For the Years Ended June 30, 2020 and 2019**

	2020	2019	Amount	2020 from 2019
				Percent
Revenues				
Contributions:				
Members	\$ 378,095,400	\$ 368,588,213	\$ 9,507,187	2.6%
Federal, trust fund, other	62,347,188	58,133,608	4,213,580	7.2%
State of Illinois:				
General Revenue Fund	1,639,692,000	1,440,154,000	199,538,000	13.9%
Pension Fund	<u>215,000,000</u>	<u>215,000,000</u>	<u>—</u>	0.0%
	<u>2,295,134,588</u>	<u>2,081,875,821</u>	<u>213,258,767</u>	<u>10.2%</u>
Investment income:				
Interest	191,342,519	155,798,932	35,543,587	22.8%
Dividends	200,038,867	237,287,406	(37,248,539)	(15.7)%
Net appreciation in fair value of investments	437,310,669	958,763,679	(521,453,010)	(54.4)%
Securities lending	<u>5,597,401</u>	<u>5,191,144</u>	<u>406,257</u>	<u>7.89%</u>
	<u>834,289,456</u>	<u>1,357,041,161</u>	<u>(522,751,705)</u>	<u>(38.5)%</u>
Less investment expense				
Asset management expense	67,967,190	64,109,736	3,857,454	6.0%
Securities lending expense	<u>504,180</u>	<u>468,824</u>	<u>35,356</u>	<u>7.5%</u>
Net investment income	<u>765,818,086</u>	<u>1,292,462,601</u>	<u>(526,644,515)</u>	<u>(40.7)%</u>
Total	<u>3,060,952,674</u>	<u>3,374,338,422</u>	<u>(313,385,748)</u>	<u>(9.3)%</u>
Expenses				
Benefits:				
Retirement	2,515,333,192	2,397,664,079	117,669,113	4.9%
Portable Lump Sum Refund – ER match	8,968,907	9,669,566	(700,659)	(7.2)%
Disability and DRA	22,712,313	23,081,090	(368,777)	(1.6)%
Survivors	185,412,944	174,497,186	10,915,758	6.3%
Death	4,357,549	5,213,471	(855,922)	(16.4)%
Reversionary	4,138,234	3,907,351	230,883	5.9%
Beneficiary	<u>3,197,535</u>	<u>3,164,116</u>	<u>33,419</u>	<u>1.1%</u>
	<u>2,744,120,674</u>	<u>2,617,196,859</u>	<u>126,923,815</u>	<u>(4.8)%</u>
Refunds of contributions	104,409,976	115,051,659	(10,641,683)	(9.2)%
Administrative expenses	<u>19,234,313</u>	<u>16,662,874</u>	<u>2,571,439</u>	<u>15.4%</u>
Total	<u>2,867,764,963</u>	<u>2,748,911,392</u>	<u>118,853,571</u>	<u>4.3%</u>
Excess (Deficiency) of Revenues over (under) Expenses	\$ 193,187,711	\$ 625,427,030	\$ (432,239,319)	(69.1)%

Note: See analysis on page 30.

Schedule 3

**State Universities Retirement System
of the State of Illinois**

Schedule of Administrative Expenses

For the Years Ended June 30, 2020 and 2019

	2020	2019	Variance	
			Amount	Percent
Defined Benefit Plan				
Personnel Services:				
Salary and wages	\$ 9,590,891	\$ 8,258,578	\$ 1,332,313	16.1%
Retirement contributions	1,143,873	953,693	190,180	19.9%
Insurance and payroll taxes	<u>2,588,201</u>	<u>2,522,758</u>	<u>65,443</u>	2.6%
	<u>13,322,965</u>	<u>11,735,029</u>	<u>1,587,936</u>	<u>13.5%</u>
Professional Services:				
Computer services	1,826,155	976,790	849,365	87.0%
Medical consultation	4,126	4,422	(296)	(6.7)%
Technical and actuarial	680,461	977,335	(296,874)	(30.4)%
Legal services	<u>288,490</u>	<u>220,495</u>	<u>67,995</u>	30.8%
	<u>2,799,232</u>	<u>2,179,042</u>	<u>620,190</u>	<u>28.5%</u>
Communications:				
Postage	152,641	151,547	1,094	0.7%
Printing and copying	52,561	45,765	6,796	14.8%
Telephone	<u>194,016</u>	<u>131,253</u>	<u>62,763</u>	47.8%
	<u>399,218</u>	<u>328,565</u>	<u>70,653</u>	<u>21.5%</u>
Other Services:				
Equipment repairs, rental and maintenance	88,380	56,144	32,236	57.4%
Building operations, maintenance and office rental	265,350	341,138	(75,788)	(22.2)%
Surety bonds and insurance	470,152	401,732	68,420	17.0%
Memberships and subscriptions	85,896	78,160	7,736	9.9%
Transportation, travel and conferences	86,985	150,733	(63,748)	(42.3)%
Education	39,431	38,402	1,029	2.7%
EDP supplies and equipment	98,094	83,452	14,642	17.5%
Office supplies	<u>43,550</u>	<u>49,426</u>	<u>(5,876)</u>	(11.9)%
	<u>1,177,838</u>	<u>1,199,187</u>	<u>(21,349)</u>	<u>(1.8)%</u>
Depreciation and amortization	<u>770,022</u>	<u>641,766</u>	<u>128,256</u>	<u>20.0%</u>
Total administrative expenses-defined benefit plan	<u>\$ 18,469,275</u>	<u>\$ 16,083,589</u>	<u>\$ 2,385,686</u>	<u>14.8%</u>

Schedule 3**State Universities Retirement System
of the State of Illinois****Schedule of Administrative Expenses (Continued)****For the Years Ended June 30, 2020 and 2019**

	2020	2019	Variance	
			Amount	Percent
Self-Managed Plan				
Salary and wages	\$ 268,279	\$ 288,693	\$ (20,414)	(7.1)%
Retirement contributions	34,428	35,971	(1,543)	(4.3)%
Insurance and payroll taxes	75,994	91,465	(15,471)	(16.9)%
Technical and actuarial	374,987	152,839	222,148	145.3%
Postage	6,491	7,168	(677)	(9.4)%
Membership and subscriptions	600	600	—	0.0%
Transportation, travel and conferences	2,737	1,287	1,450	112.7%
Printing and copying	<u>1,522</u>	<u>1,262</u>	<u>260</u>	<u>20.6%</u>
Total administrative expenses-self-managed plan	<u>765,038</u>	<u>579,285</u>	<u>185,753</u>	<u>32.1%</u>
Total Administrative Expenses	\$ 19,234,313	\$ 16,662,874	\$ 2,571,439	15.4%

Note: See analysis on pages 30 and 31.

Schedule 4

**State Universities Retirement System
of the State of Illinois**

**Schedule of Changes in Property
For the Year Ended June 30, 2020**

	Balance at June 30, 2019	Additions/ Transfers In	Deletions/ Transfers Out	Balance at June 30, 2020
Assets				
Land and land improvements	\$ 533,609	\$ 1,851	\$ —	\$ 535,460
Office building	8,363,517	3,826,626	—	12,190,143
Information system equipment and software	16,409,081	612,177	337,043	16,684,215
Furniture and fixtures	907,937	276,275	128,976	1,055,236
Construction in progress	<u>3,725,866</u>	<u>903,055</u>	<u>4,197,119</u>	<u>431,802</u>
Total capital assets	<u>29,940,010</u>	<u>5,619,984</u>	<u>4,663,138</u>	<u>30,896,856</u>
Allowance for Depreciation				
Land improvements	3,170	231	—	3,401
Office building	4,172,868	442,297	—	4,615,165
Information system equipment and software	15,154,553	273,413	276,412	15,151,554
Furniture and fixtures	<u>813,209</u>	<u>54,079</u>	<u>128,976</u>	<u>738,312</u>
Total allowance for depreciation	<u>20,143,800</u>	<u>770,020</u>	<u>405,388</u>	<u>20,508,432</u>
Net Capital Assets	\$ 9,796,210	\$ 4,849,964	\$ 4,257,750	\$ 10,388,424

Note: These balances were obtained from System records and have been reconciled to the System's quarterly *Agency Report of State Property* reports submitted to the Office of State Comptroller for the year ended June 30, 2020.

**State Universities Retirement System
of the State of Illinois**
Schedule of Investment Portfolio
For the Years Ended June 30, 2020 and 2019

	2020			
	Cost		Fair Value	
	Amount	Percentage of Portfolio	Amount	Percentage of Portfolio
Equities				
Common stocks				
U.S. equities	\$ 5,196,788,428	31.3%	\$ 6,588,888,194	31.0%
Non-U.S. equities	1,950,874,870	11.8%	2,126,427,682	10.0%
Commingled funds	—	0.0%	—	0.0%
Preferred stock	<u>1,118,307</u>	<u>0.0%</u>	<u>1,181,848</u>	<u>0.0%</u>
Total equities	<u>7,148,781,605</u>	<u>43.1%</u>	<u>8,716,497,725</u>	<u>41.0%</u>
Fixed Income				
Government obligations				
Government agencies	182,164,949	1.1%	183,570,200	0.9%
U.S. government	1,839,625,424	11.1%	2,021,241,014	9.5%
Corporate obligations	975,203,003	5.9%	991,351,747	4.7%
Miscellaneous				
Asset backed	131,504,575	0.8%	130,030,797	0.6%
Short-term investments*	112,851,670	0.7%	85,397,449	0.4%
Commingled funds	510,739,991	3.1%	468,936,428	2.2%
Mortgage backed	697,721,996	4.2%	714,572,038	3.3%
Municipal bonds	47,858,252	0.3%	48,433,746	0.2%
Non-U.S. bonds	757,620,864	4.6%	741,401,512	3.5%
Options	(61,132)	0.0%	(49,715)	0.0%
Swaps	<u>5,772,350</u>	<u>0.0%</u>	<u>2,169,022</u>	<u>0.0%</u>
Total fixed income	<u>5,261,001,942</u>	<u>31.8%</u>	<u>5,387,054,238</u>	<u>25.3%</u>
Cash and Cash Equivalents*	120,323,178	0.7%	120,323,178	0.6%
Real Estate	1,083,175,847	6.5%	1,132,349,076	5.3%
Hedge Funds	2,887,548,474	17.4%	2,910,196,814	13.7%
Commodities	82,500,000	0.5%	118,500,269	0.6%
Self-Managed Plan Funds	—	0.0%	<u>2,884,738,092</u>	<u>13.5%</u>
Total Investments	<u>\$16,583,331,046</u>	<u>100.0%</u>	<u>\$21,269,659,392</u>	<u>100.0%</u>

*Does not include commercial paper and short term bills and notes with maturities less than 90 days. These securities are reported in Cash instead of in Investments.

Schedule 5

	2019			
	Cost		Fair Value	
	Amount	Percentage of Portfolio	Amount	Percentage of Portfolio
Equities				
Common stocks				
U.S. equities	\$ 6,645,335,961	41.1%	\$ 8,418,014,245	39.0%
Non-U.S. equities	2,789,958,838	17.2%	3,352,805,363	15.5%
Commingled funds	82,003,951	0.5%	152,781,728	0.7%
Preferred stock	1,100,140	0.0%	1,160,953	0.0%
Total equities	<u>9,518,398,890</u>	<u>58.8%</u>	<u>11,924,762,289</u>	<u>55.2%</u>
Fixed Income				
Government obligations				
Government agencies	81,395,017	0.5%	82,666,407	0.4%
U.S. government	1,563,340,511	9.6%	1,635,425,572	7.7%
Corporate obligations	681,125,279	4.2%	701,036,437	3.2%
Miscellaneous				
Asset backed	133,545,123	0.8%	138,669,914	0.6%
Short-term investments*	(9,465,296)	(0.1)%	(16,536,336)	(0.1)%
Commingled funds	1,053,138,834	6.5%	1,130,192,719	5.2%
Mortgage backed	752,260,502	4.6%	761,014,593	3.5%
Municipal bonds	22,735,858	0.1%	24,252,877	0.1%
Non-U.S. bonds	375,052,677	2.3%	377,792,176	1.7%
Options	(762,116)	0.0%	309,247	0.0%
Swaps	<u>10,214,828</u>	<u>0.1%</u>	<u>3,303,129</u>	<u>0.0%</u>
Total fixed income	<u>4,662,581,217</u>	<u>28.6%</u>	<u>4,838,126,735</u>	<u>22.3%</u>
Cash and Cash Equivalents*	42,015,852	0.3%	42,021,692	0.2%
Real Estate	1,059,154,553	6.5%	1,195,261,337	5.5%
Hedge Funds	617,000,000	3.8%	687,291,975	3.2%
Commodities	327,948,509	2.0%	352,460,283	1.6%
Self-Managed Plan Funds	<u>—</u>	<u>0.0%</u>	<u>2,592,580,384</u>	<u>12.0%</u>
Total Investments	<u>\$16,227,099,021</u>	<u>100.0%</u>	<u>\$21,632,504,695</u>	<u>100.0%</u>

*Does not include commercial paper and short term bills and notes with maturities less than 90 days. These securities are reported in Cash instead of in Investments.

Schedule 6

**State Universities Retirement System
of the State of Illinois**

Schedule of Investment Expenses

For the Years Ended June 30, 2020 and 2019

	2020	2019
Investment Manager		
Adams Street Partners	\$ 6,338,526	\$ 5,726,967
Alinda Capital Partners	117,227	202,057
AQR Capital Management	722,613	389,838
Aksia TorreyCove Partners	572,917	—
ARP Investments	329,312	—
Aspect Capital	367,890	—
Ativo Capital Management	762,789	778,271
Basis Investment Group	451,234	696,788
Bivium Capital Partners	443,081	—
BlackRock Institutional Trust Company	1,447,923	1,622,806
Blackstone Property Partners	1,584,065	—
Blue Vista Capital Management	464,827	415,772
Brookfield Asset Management	941,147	1,078,021
Campbell & Company	271,242	—
Carlyle Property Partners	956,202	236,484
CastleArk Management	363,171	746,868
Channing Capital Management	465,232	495,672
Credit Suisse Asset Management	105,139	—
Colchester Global Investors	734,302	702,562
Crow Holdings	589,784	715,198
Denali Advisors	232,140	240,563
Dune Capital Management	2,068,218	1,369,813
EARNEST Partners	1,473,724	708,461
Fairview Capital Partners	375,000	373,481
Fidelity Institutional Asset Management	369,511	978,875
Franklin Templeton Real Estate Advisors	442,583	475,830
Garcia Hamilton & Associates	500,968	444,677
Gladius Capital Management	1,351,470	2,172,763
GlobeFlex Capital	987,423	916,192
Heitman Capital Management	1,641,575	1,616,806
Invesco	477,882	1,467,812
JP Morgan Asset Management	1,977,271	1,918,478
KKR Prisma	88,829	1,269,503
LM Capital Group	417,886	286,519
Lombard Odier Asset Management	242,920	—
LongTail Alpha	190,437	—
Long Wharf RE Partners	643,974	—
Macquarie Capital	1,448,825	1,487,387
Matarin Capital Management	610,750	659,792
Mesirov Financial Investment Management	838,743	1,221,185
Mondrian Investment Partners	1,395,156	1,324,814
Muller and Monroe Asset Management	821,196	1,055,299

Schedule 6

**State Universities Retirement System
of the State of Illinois**

Schedule of Investment Expenses

For the Years Ended June 30, 2020 and 2019

	2020	2019
Investment Manager (Continued)		
Neuberger Berman	\$ 3,360,483	\$ 1,398,098
Northern Trust Asset Management	619,865	514,842
Oaktree Capital Management	207,363	157,404
Pacific Alternative Asset Management Company	281,133	1,811,710
Pacific Investment Management Company	5,125,616	4,741,627
Pantheon Ventures	3,319,004	3,166,384
Parametric Clifton	384,390	422,896
Piedmont Investment Advisors	573,788	1,043,783
Progress Investment Management Company	2,002,484	2,377,489
Prudential Fixed Income	1,339,683	1,227,509
Pugh Capital Management	415,677	251,173
Ramirez Asset Management	245,032	—
RhumbLine Advisers	189,704	155,054
Smith Graham & Company	25,999	176,642
State Street Global Advisors	12,410	77,992
StepStone Real Estate	207,487	288,751
Strategic Global Advisors	1,067,276	1,088,569
T. Rowe Price	3,378,284	3,377,875
TCW Metropolitan West Asset Management	135,719	889,327
UBS Realty Investors	427,255	1,048,099
Wellington Management Company	3,230,093	2,575,935
Xponance	<u>753,326</u>	<u>—</u>
	<u>63,927,175</u>	<u>60,586,713</u>
Master Trustee & Custodian		
The Northern Trust Company	<u>1,075,000</u>	<u>1,075,000</u>
Investment Consultant, Measurement & Counsel		
Aksia TorreyCove Partners	277,846	—
Callan LLC	305,250	225,000
Faegre Drinker Biddle & Reath	25,427	—
Ice Miller, LLP	141,743	35,111
K&L Gates	56,280	—
Mayer Brown, LLP	3,445	2,102
Meketa Investment Group	496,333	526,583
Morgan, Lewis & Bockius LLP	33,395	—
NEPC	—	15,000
Squire Patton Boggs	<u>20,012</u>	<u>59,211</u>
Total Consultant, Measurement & Counsel fees	<u>1,359,731</u>	<u>863,007</u>

Schedule 6**State Universities Retirement System
of the State of Illinois****Schedule of Investment Expenses****For the Years Ended June 30, 2020 and 2019**

	2020	2019
Investment Administrative Expenses		
Personnel	\$ 1,472,597	\$ 1,432,724
Resources and travel	65,732	77,205
Performance measurement and database	<u>66,955</u>	<u>75,087</u>
	<u>1,605,284</u>	<u>1,585,016</u>
Total Investment Expenses	<u>\$ 67,967,190</u>	<u>\$ 64,109,736</u>

Investment expenses include fees paid to the System's master trustee, various investment managers and their investment consultant and investment brokerage firms. Fees are negotiated based primarily on market values and the manager's portfolio performance. A graduated scale is used for most managers based upon various increments per million dollars of market value. Investment expenses also include administrative expenses relating to the operation of the Investment Division of the System.

Schedule 7

**State Universities Retirement System
of the State of Illinois
Selected Account Balances
For the Years Ended June 30, 2020 and 2019**

	Defined Benefit Plan	Self-Managed Plan	Totals	
			2020	2019
Assets				
Cash and short-term investments	\$ 1,266,766,677	\$ —	\$ 1,266,766,677	\$ 819,413,471
Receivables				
Members	11,158,593	4,559,763	15,718,356	17,067,516
State of Illinois	116,889,698	2,074,606	118,964,304	152,988,640
Federal, trust funds, and other	6,687,733	28,535	6,716,268	6,983,445
Pending investment sales	1,952,064,461	—	1,952,064,461	360,501,773
Interest and dividends	<u>47,440,102</u>	<u>—</u>	<u>47,440,102</u>	<u>47,226,953</u>
Total receivables	<u>2,134,240,587</u>	<u>6,662,904</u>	<u>2,140,903,491</u>	<u>584,768,327</u>
Prepaid expenses	<u>133,923</u>	<u>—</u>	<u>133,923</u>	<u>147,246</u>
Investments, at fair value				
Equity investments	6,684,436,960	48,304,182	6,732,741,142	10,512,849,950
Fixed income investments	5,467,304,396	40,073,020	5,507,377,416	4,880,148,427
Real estate investments	1,124,007,562	8,341,514	1,132,349,076	1,195,261,337
Alternative investments	4,977,446,278	35,007,388	5,012,453,666	2,451,664,597
Mutual fund and variable annuities	<u>—</u>	<u>2,884,738,092</u>	<u>2,884,738,092</u>	<u>2,592,580,384</u>
Total investments	<u>18,253,195,196</u>	<u>3,016,464,196</u>	<u>21,269,659,392</u>	<u>21,632,504,695</u>
Securities lending collateral	<u>1,381,940,165</u>	<u>—</u>	<u>1,381,940,165</u>	<u>878,205,520</u>
Capital assets, at cost, net of accumulated depreciation of \$20,508,432 and \$20,143,800, respectively	<u>10,388,424</u>	<u>—</u>	<u>10,388,424</u>	<u>9,796,210</u>
Total assets	<u>23,046,664,972</u>	<u>3,023,127,100</u>	<u>26,069,792,072</u>	<u>23,924,835,469</u>
Liabilities				
Benefits payable	12,718,437	—	12,718,437	10,467,190
Refunds payable	3,601,916	—	3,601,916	5,200,177
Securities lending collateral	1,381,486,080	—	1,381,486,080	876,550,517
Payable to brokers for unsettled trades	2,013,885,643	—	2,013,885,643	483,348,912
Reverse repurchase agreements	512,000	—	512,000	85,456,713
Administrative expenses payable	<u>17,445,290</u>	<u>—</u>	<u>17,445,290</u>	<u>16,856,965</u>
Total liabilities	<u>3,429,649,366</u>	<u>—</u>	<u>3,429,649,366</u>	<u>1,477,880,474</u>
Plan Net Position	\$ 19,617,015,606	\$ 3,023,127,100	\$ 22,640,142,706	\$ 22,446,954,995

State Universities Retirement System of the State of Illinois

For the Years Ended June 30, 2020 and 2019

Rate of Return

Schedule 8

Performance of SURS' Defined Benefit Plan investment portfolio resulted in a market rate of return, net of investment management fees, of 2.6% and 6.0% for fiscal years 2020 and 2019, respectively.

Revenues and Expenses

Schedule 9

SURS defined benefit plan is financed by employee member contributions, employer contributions (State appropriations and contributions from trust and federal funds) and investment earnings. All cash received from these sources is deposited with the Northern Trust Company, which acts as the System's Master Trustee. SURS Self-Managed Plan is financed by employee and employer contributions and investment earnings; the assets are held by the two Service Providers approved by SURS Board of Trustees: Fidelity and TIAA.

Approximately 99.3% of the total expenses for fiscal year 2020 and approximately 99.4% for fiscal year 2019 are related to benefits and refunds to members. Benefits include retirement, disability, and survivor payments. Details of benefit recipients, benefit expenses, and summaries of new benefit payments and of average benefit payments can be found in the SURS Comprehensive Annual Financial Report (CAFR) for the year ended June 30, 2020.

Employer Contributions

Schedule 10

Contributions received from federal grants, trust funds, and other such sources were \$58.1 million and \$62.3 million for the periods ending June 30, 2019 and 2020, respectively. The amount varies from year to year, depending on the level of federal and grant funding obtained by the universities and community colleges, as well as the normal cost rate established by the actuary.

Investment Income

Schedule 11

Investment income decreased from \$1.357 billion in fiscal year 2019 to \$834.3 billion in fiscal year 2020. The DB plan investment returns for these years were 6.0% and 2.6%, respectively, net of fees. In general, the System's investment strategy has been to maintain the investment allocation as stated by the Board of Trustees. The portfolio policy allocation as of June 30, 2020 consists of 44.0% global equity, 14.0% credit fixed income, 5.0% core real estate, 6.0% options strategies, 8.0% private equity, 3.0% non-core real assets, 6.0% treasury inflation protected securities, 8.0% core fixed income, 2.1% systematic trend following, 1.8% alternative risk premia, and 2.1% long duration. A more detailed explanation of the System's investment portfolio and performance can be obtained from the 2020 CAFR.

**State Universities Retirement System
of the State of Illinois**
For the Years Ended June 30, 2020 and 2019

Member Contributions

Schedule 12

Employee contributions are established by the Illinois Pension Code as 8% of earnings for both the defined benefit and self-managed plans. Police officers and fire fighters contribute 9.5% of earnings for the defined benefit plan and 8% for the Self-Managed Plan. Employee contributions are collected through payroll deductions and are submitted by the participating employers directly to the System for credit to each participant's accumulated contributions account for those in the defined benefit plan, or to be transmitted daily to the Service Providers for the members in the Self-Managed Plan. The number of members having contributions credited to their accounts at June 30, 2020 and 2019 are as follows:

	2020	2019
Current Members – Defined Benefit Plan		
Active members (currently contributing)	63,206	62,589
Inactive members (not currently contributing)	<u>83,744</u>	<u>83,044</u>
Total Current Members – Defined Benefit Plan	<u><u>146,950</u></u>	<u><u>145,633</u></u>
Current Members – Self-Managed Plan		
Active members (currently contributing)	13,129	12,531
Inactive members (not currently contributing)	<u>10,280</u>	<u>10,033</u>
Total	<u><u>23,409</u></u>	<u><u>22,564</u></u>

Member payrolls totaled \$3.51 billion and \$3.64 billion for the fiscal years ended June 30, 2019 and 2020, respectively.

Self-Managed Plan Investments

Schedule 13

The SMP participants have the ability to invest their account balances in more than 30 mutual funds and variable annuities. These investment options are offered by two providers: Fidelity Investments and Teachers Insurance and Annuity Association. As of June 30, 2020, the SMP had investments of \$3,016,464,196. A detailed schedule (unaudited) of the investment options and balances at June 30, 2020, is located in the Investment Section of The Comprehensive Annual Financial Report.

**State Universities Retirement System
of the State of Illinois**
For the Years Ended June 30, 2020 and 2019

Future Funding and Benefit Calculations

Schedule 14

Public Act 88-0593 was signed into law by Governor Edgar on August 22, 1994. This Act, which took effect on July 1, 1995, provides for a 15-year phase-in to a 35-year plan that requires the State to make continuing appropriations to meet the normal actuarially-determined cost of the System, plus amortize the unfunded liability. A significant difference between the 1989 and 1994 funding legislation is that the latter takes the form of a continuing appropriation. This legislative change removes the pension funding from the General Assembly's annual budget negotiations and requires that the actuarially determined annual funding become an automatic contribution. Ultimately, this funding plan is scheduled to increase the State's pension funding from its current level of 42.2% to 90% by fiscal year 2045.

Analysis of Operations

**State Universities Retirement System
of the State of Illinois**
Analysis of Operations (Unaudited)
For the Years Ended June 30, 2020 and 2019

System's Functions and Planning Program

The State Universities Retirement System (System) is the administrator of a cost-sharing, multiple-employer public employee retirement system established July 21, 1941 to provide retirement annuities and other benefits for staff members and employees of the state universities, certain affiliated organizations, and certain other state educational and scientific agencies and for survivors, dependents, and other beneficiaries of such employees. The System is included in the State of Illinois' financial reports as a pension trust fund. SURS is governed by Chapter 40, Act 5, Article 15 of the Illinois Compiled Statutes. These statutes assign the authority to establish and amend the benefit provisions of the Plan to the State Legislature. Operation of the System and the direction of its policies are the responsibility of the Board of Trustees of the System. It is also these statutes that define the scope of SURS' reporting entity. There are no statutory provisions for termination of the System. The Illinois Constitution provides that the pension obligation of the State shall be an enforceable contractual relationship, the benefits of which shall not be diminished or impaired.

As of June 30, 2020, the System's defined benefit plan had 146,950 active and inactive participants and 69,172 annuity benefit recipients, while the Self-Managed Plan had 23,409 active and inactive participants and 1,007 annuity benefit recipients.

As of June 30, 2020, management of the System is vested in an eleven-member Board of Trustees; five of which are appointed by the Governor, and six of which are elected members of whom four are active-elected members and two are annuitant-elected members. The term of office of a trustee is six years.

The administration of the detailed affairs of the System is vested in the Executive Director. General policy relating to the administration of the System is stated in the minutes of the Board meetings. The System's official office is located at 1901 Fox Drive, Champaign, Illinois.

Program planning activities of the System are under the direct supervision of the Executive Director and involve coordination between the governing Board and other administrative staff of the System. Periodic status reviews are performed by the Executive Director and his administrative staff to determine the progress made toward accomplishing established goals and objectives. The status of and achievement of these goals and objectives are monitored quarterly by the Board of Directors.

Major Initiatives

In March of 2020, SURS closed to the public and most of the staff began working from home to protect their health. Our staff has risen to the work challenges caused by the coronavirus outbreak and will continue to change and adapt when necessary. As we have adopted new working conditions, our members have seen the same excellent service, delivery of benefits and fiduciary responsibility they have come to expect. Benefit checks are going out on time, our call center is fully operational and retirement counselors are conducting appointments remotely.

**State Universities Retirement System
of the State of Illinois**
Analysis of Operations (Unaudited)
For the Years Ended June 30, 2020 and 2019

Although we are coping with the COVID-19 pandemic, we continue to move forward with major initiatives and changes at SURS.

- The following changes occurred to SURS Board of Trustees in fiscal year 2020.
 - In August 2019, Mitchell Vogel, SURS annuitant and former board member, was selected to fill a vacancy on the SURS Board of Trustees by the elected SURS trustees. The vacancy was created when elected annuitant board member John Engstrom resigned after the June 2019 board meeting.
 - In March 2020, Gov. Pritzker appointed Scott Hendrie to the board. Trustee Hendrie's term will expire in June 2021.
- SURS staff worked diligently to complete IT, administration and member service projects.
 - Several new software packages were implemented to assist the administrative support teams.
 - Sage Intacct – a cloud-based financial management and services software
 - ADP – cloud-based human capital management solution
 - Agiloft - software for contract lifecycle management that will be used for legal and compliance
 - A pension administration system assessment was done by the consulting firm Linea. This was the first step of many as SURS moves forward with the replacement of the pension administration system.
 - Renovations to the Champaign headquarters began. The call center and the counselor offices are being restructured to make more room for the growing staff. Just under 6,000 sq. ft. are being renovated.
 - New security and life safety tool updates, such as perimeter and interior monitoring of the main office, were completed.
 - Work continued on the redesign of the Self-Managed Plan (SMP) and implementation of a new supplemental plan. On Sept. 1, 2020, we launched the redesigned SMP, renamed the SURS Retirement Savings Plan (RSP). The new SURS Deferred Compensation Plan (DCP) will be rolled out in 2021.

**State Universities Retirement System
of the State of Illinois**
Analysis of Operations (Unaudited)
For the Years Ended June 30, 2020 and 2019

System Funding Progress

The actuarial accrued liability of SURS at June 30, 2020 amounted to \$47.6 billion. The actuarial value of assets is \$20.1 billion, resulting in an unfunded liability of \$27.5 billion.

The actuarial value of assets is used to evaluate funding progress and to set future employer contributions. The actuarial value of assets is based on a smoothed investment income rate. Investment income in excess or shortfall of the expected 6.75% rate on fair value is smoothed over a five-year period with 20% of a year's excess or shortfall being recognized each year beginning with the current year. The use of this actuarial method was implemented as required by Public Act 96-0043, which was signed into law on July 15, 2009.

The projected required contribution rates and amounts are as follows:

Fiscal Year	Percentage of Payroll	Assumed Payroll (in billions)	Required Contribution (in millions)
2022	43.8%	\$ 4.89	\$ 2,142.0
2023	44.5%	4.98	2,215.4
2024	45.2%	5.08	2,298.6
2025	45.4%	5.18	2,355.0
2026	45.7%	5.29	2,416.9

Actuarial Assumptions

The experience review for the years June 30, 2014 to June 30, 2017 was performed February 2018 and the assumptions adopted as of June 30, 2019. Public Act 96-0889 caps Tier 2 members' earnings at \$115,929 in 2020 and future cost of living adjustments at the less of 3% or 0.5% of the increase in the Consumer Price Index. This modification of Tier 2 members' earnings decreases the anticipated amount of future payroll and contributions. The actuarial assumptions and methods used are in accordance with actuarial standards and are set by the Board.

The funding objective is to provide employer and employee contributions sufficient to provide the benefits of SURS when due and to achieve an asset value equal to 90% of the Actuarial Accrued Liability by the end of fiscal year 2045. The financing objective of SURS and the funding process to reach that objective are set out in Section 15-155 of the SURS Article of the Illinois Pension Code.

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The statutory funding policy set out in Section 15-155 of the Illinois Pension Code results in lower near-term contribution requirements than the Actuarially Determined Contribution (ADC). The actuary and SURS recommend funding the ADC. In addition, the actuary does not certify that the funding method in the statute complies with generally accepted actuarial standards for the funding of retirement systems.

The statutory funding policy of this plan does not follow the actuary's recommendation. Continually funding the plan below the ADC creates the risk that ultimately benefit obligations cannot be met from the trust and will require a greater amount of funding from other state resources.

The funded status of the plan as of June 30, 2020, the most recent valuation date, is as follows (in millions):

Actuarial Valuation Date	Actuarial Value of Assets*	Actuarial Accrued Liability (AAL) – Projected Unit Credit	Funded Ratio	Unfunded Actuarial Accrued Liability (UAAL)	Covered Payroll	Unfunded Actuarial Accrued Liability as a Percentage of Covered Payroll
6/30/20	\$ 20,091.7	\$ 47,580.5	42.2%	\$ 27,488.8	\$ 3,642.6	754.6%

*If calculated using the market value of assets of \$19,617.0, the funding ratio would be 41.2%.

Locally Held Funds

The System uses a locally held fund, "State Universities Retirement System" (pension trust fund No. 1178), held at the Northern Trust Company in Chicago, Illinois to account for and process all transactions of the System. The Illinois State Treasurer is not the legal custodian of the System's assets.

Average Number of System Employees

The average number of SURS employees for the last two fiscal years are as follows:

	2020	2019
Administration and human resources	14	13
Investments and accounting	17	15
Member services	82	75
Support services and information systems	41	31
Self-managed plan	3	3
Total	157	137

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***Schedule of Investment Commissions
For the Years Ended June 30, 2020 and 2019***

	2020	2019
Domestic		
Loop Capital Markets	\$ 106,533	\$ 146,633
Goldman Sachs	60,679	33,459
Penserra Securities	50,361	46,657
Barclays	39,938	46,609
Sturdivant and Company	32,413	—
Cabrera Capital Markets	22,911	—
Williams Capital Group	22,208	56,012
Robert W. Baird & Company	21,746	68,227
Siebert Brandford Shank & Company	21,259	—
Stifel, Nicolaus & Company	20,061	43,233
BNY Mellon	—	35,871
JP Morgan Chase & Company	—	33,592
CAPIS (Capital Institutional Services)	—	33,557
All Others	<u>259,328</u>	<u>495,571</u>
Total Domestic Commissions	<u>657,437</u>	<u>1,039,421</u>
International		
UBS	195,351	137,745
Loop Capital Markets	171,618	160,762
North South Capital	144,929	159,455
Instinet	120,395	108,131
Fig Group LLC	118,804	155,720
Credit Suisse	84,566	86,826
Penserra Securities	79,591	66,180
ITG (Investment Technology Group)	61,737	108,380
Morgan Stanley	59,668	—
Macquarie Securities	57,138	—
Goldman Sachs	—	77,689
Cabrera Capital Markets	—	76,685
All Others	<u>406,200</u>	<u>521,493</u>
Total International Commissions	<u>1,499,997</u>	<u>1,659,066</u>

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**Schedule of Investment Commissions (Continued)
For the Years Ended June 30, 2020 and 2019**

	2020	2019
Global		
JP Morgan Chase & Company	\$ 72,803	\$ 64,131
Credit Suisse	54,443	32,511
UBS	41,362	37,409
Morgan Stanley	41,151	88,478
Sanford C. Bernstein	41,083	65,136
Goldman Sachs	40,087	39,538
Jefferies & Company	36,471	—
Bank of America Securities	34,134	36,172
Cabrera Capital Markets	32,241	33,326
Instinet	26,592	
Citigroup Global Markets	—	39,259
CLSA	—	30,210
All Others	<u>363,694</u>	<u>436,931</u>
Total Global Commissions	<u>784,061</u>	<u>903,101</u>
Total Commissions	<u>\$ 2,941,495</u>	<u>\$ 3,601,588</u>
Fixed Income		
Williams Capital Group	\$ 1,212,171,584	\$ —
Goldman Sachs	743,365,166	591,143,702
Cabrera Capital Markets	723,301,741	349,878,436
JP Morgan Chase & Company	699,206,511	608,957,283
Loop Capital Markets	644,226,403	376,679,296
Citigroup Global Markets	600,270,550	567,124,392
Bank of America Securities	449,743,563	293,944,420
Wells Fargo Advisors	447,049,238	—
Morgan Stanley	410,162,689	425,614,855
Barclays	286,563,139	274,181,691
CastleOak Securities	—	1,534,356,147
Nomura	—	317,603,824
All Others	<u>3,259,366,616</u>	<u>2,754,332,065</u>
Total Fixed Income Market Value Traded	<u>9,475,427,200</u>	<u>8,093,816,111</u>
Total Market Value Traded	<u>\$ 9,475,427,200</u>	<u>\$ 8,093,816,111</u>

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Description of Reserves

Participants' Contributions

This reserve accumulates the contributions made by participants plus earned interest. Under the traditional option, participants contribute 8% of their gross earnings; 6.5% of the 8% contributions are designated for retirement annuities, 0.5% for automatic annual increases, and 1% for survivor benefits. Police officers and firefighters contribute 9.5% of earnings; the additional 1.5% is a normal retirement contribution. Under the portable option, the participants contribute the same percent of earnings as above, but there is no contribution for survivor benefits. Instead, 1% of earnings is contributed to fund an enhanced refund which allows for the distribution of member earnings, all interest earned, and a one-to-one match of employer contributions. The refund available under the traditional option is member contributions plus interest at 4.5%.

Interest is credited annually to the participants' accounts based on the balance at the beginning of the academic year. The credited interest rate is determined by the Board of Trustees and was 6.5% for the year ended June 30, 2020. Upon retirement or death, the participants' accumulated contributions are transferred to the appropriate reserve accounts for payment of benefits.

Benefits from Employee and Employer Contributions

This reserve accumulates employer contributions from State Appropriations and federal and trust funds with designated uses of paying retirement and reversionary annuities for benefits in force, death and survivor benefits, disability benefits, variations in actuarial experience, and the administrative costs of the System. The reserve also accumulates participant contributions transferred when the participant retires or dies: the amount of investment income earned but not yet distributed to the participant contribution reserve according to the effective interest rate. The final component of this reserve is the difference between the total net assets of the System and the actuarial requirement to fund the System's benefits. The amount presented in this report is computed using a unit credit actuarial method. Illinois statutes provide that any potential unfunded liability be an obligation of the State of Illinois. The System must annually have an actuarial determination of its liabilities and reserves, and the amount and distribution of the required employer contribution.

Self-Managed Plan

This account holds employee contributions of 8% of earnings, employer contributions of 7.6% of earnings, and the investment gains or losses earned to date. The Board authorized a change in the percentage retained by SURS for disability benefits from 0.3% to 0.25% effective July 1, 2018. This plan is a defined contribution plan with the System acting as sponsor. All contributions are placed with Service Providers approved by the Board of Trustees, with individual investment options offered by these providers chosen by the member.

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Analysis of Revenues and Expenses (Schedule 2)

The System Statement of Plan Net Position and Statement of Changes in Plan Net Position have been analyzed for fluctuations greater than \$1 million and 20% from the previous year, as follows:

Interest

The category of investment income increased by \$35.5 million or 22.8%, resulting from the System's \$549 million or 11.3% increase in fixed income investments from fiscal year 2019 to fiscal year 2020.

Net appreciation in fair value of investments

Net appreciation of the System's investments decreased by \$521.5 million or 54.4%. Of this amount, a decrease of \$582.5 million was attributable to the defined benefit (DB) plan and an increase of \$61.0 million to the SMP. The DB plan's equity portfolio, at \$89.7 million, was the largest contributor to this year-over-year fluctuation. The DB plan's year-over-year change is reflected in the overall decrease in investment return from 6.0% in fiscal year 19 to 2.6% in fiscal year 20.

Analysis of Administrative Expense (Schedule 3)

Administrative expenses reflect all costs incurred to manage the day-to-day operations of the System. Detail costs relating to benefit and refunds paid to recipients and administrative costs relating to investment expenses have been separated from the Schedule of Administrative Expenses. The total administrative expenses of \$19.2 million are 0.7% of the total expenses of \$2.9 billion for fiscal year 2020. Fluctuations greater than \$50,000 and 20% were analyzed as follows:

Computer services: Defined Benefit

Professional computer services increased by \$849.4 thousand, or 87.0%, from fiscal year 2019 to fiscal year 2020. There were new software systems implemented in the current year that had significant expenses related to them (ADP, Sage, Intacct, and Agiloft). There were also consultants performing the pension system assessment as well as other consultants performing various work for SURS.

Technical and actuarial: Defined Benefit

Technical and actuarial services decreased by \$296.9 thousand, or 30.4%. A portion of the decrease was related to actuarial services required to create the numerous tables needed for the estimator to calculate the accelerated pension benefit buyouts in fiscal year 2019. The remaining decrease is for the Board approved hiring of a third-party to conduct an internal operations review of the System's processes in fiscal year 2019.

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Legal services: Defined Benefit

Legal services increased by \$68.0 thousand, or 30.8%. Much of the increase is due to Board fiduciary counsel needs in fiscal year 2020.

Telephone: Defined Benefit

Telephone expenses increased by \$62.8 thousand, or 47.8%. There were contract issues with the telephone system provider. The contract expired and while it was being resolved, the System had to pay a larger month-to-month amount. There was also an increase in cost due to the opening of the 1801 Fox Drive building for phone and internet services.

Building operations, maintenance and office rental: Defined Benefit

Building operations and maintenance expenses decreased by \$75.8 thousand, or 22.2%. SURS basically shut down the buildings mid-March due to COVID-19. Since then, there have been very few staff in the buildings which has helped reduce the overall building cost including utilities.

Transportation, travel and conferences: Defined Benefit

Transportation and travel expenses decreased by \$63.7 thousand, or 42.3%. The decrease is due to COVID-19 causing staff to travel less in 2020 compared to 2019.

Technical and actuarial: Self-Managed Plan

Technical and actuarial increased \$222.1 thousand, or 145.3%. The increase is due to the additional cost incurred related to the redesign of the Self-Managed Plan and the implementation of a new supplemental plan (SURS Deferred Compensation Plan).

Schedule of Accounts Receivable

	2020	2019
Employees:		
Salary deductions (1)	\$ 12,629,708	\$ 14,106,177
Overpaid benefits (2)	<u>3,088,648</u>	<u>2,961,339</u>
Total employees receivables	<u>15,718,356</u>	<u>17,067,516</u>
Employers:		
State appropriation receivable (3)	118,964,304	152,988,640
Federal, trust funds, and other (4)	6,386,638	6,519,832
SMP forfeiture receivable (5)	<u>329,630</u>	<u>463,613</u>
Total	<u>125,680,572</u>	<u>159,972,085</u>
	\$ 141,398,928	\$ 177,039,601

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- (1) Salary deductions receivable decreased by approximately \$1.5 million or 10.5 percent from fiscal year 2019. These salary deductions are remitted by the employers after each pay period. Most employers pay on a bi-weekly basis, so the size of the final pay periods which must be accrued varies each year.
- (2) Overpaid benefits receivable represent benefits which have been overpaid to a member and are due back to the System. The majority of this receivable relates to disability payments made to members who later received worker's compensation benefits. Thus, some of the disability benefits received from the System must be repaid. The System records the receivable as soon as they are notified by the employer of the worker's compensation payment. If the member does not repay the overpayment prior to retirement or withdrawing from the System, the refund or retirement annuity is reduced by the amount of the overpayment plus interest. Because of this, an aging of the accounts receivable is not available and an allowance for doubtful accounts is not necessary. All other receivable amounts are expected to be collected within one year or less.
- (3) The full amount of state appropriation payments due for fiscal year 2020 were received by the end of July 2020.
- (4) The contributions related to federal, trust and other funds are remitted by the employers with the same procedures used for remittance of the employee contributions. In addition, the timing in which the SMP contributions are remitted on to the providers can result in temporary receivables which vary from year to year based on the status of the transfers at year end.
- (5) This receivable represents member account forfeitures of the employer matching funds due back to the System from the SMP providers. These forfeitures are the employer contributions for members who were not vested at the time of termination. Each month the providers remit back to SURS the forfeitures from the prior month, where they are held as an asset of the SMP to be offset against future employer contributions.

Retirement Benefits

Benefits have increased from \$2.34 billion to \$2.46 billion for the periods ended June 30, 2019 and 2020, respectively, for an increase of \$108.3 million or 4.6%. Approximately 2.0% is due to an increase in the average number of defined benefit plan recipients from 57,890 to 59,060, and 2.6% is due to an increase in the average benefit payment.

Survivors' Benefits

Benefits have increased from \$174.5 million to \$185.4 million for the periods ending June 30, 2019 and 2020, respectively. This increase of \$10.9 million or 6.3% is due to a 2.1% increase in the number of recipients, and an increase in the average monthly benefit of 4.2% reflecting the 3% automatic annual increase and higher average annuity payments related to higher ending salary rates for the deceased member.

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Disability Benefits Defined Benefit Plan

Benefits decreased from \$17.3 million to \$16.9 million for the periods ending June 30, 2019 and 2020, respectively. This decrease of \$0.4 million or 2.1% represents a decrease of 2.7% in the number of recipients and a 0.6% increase in average benefits paid, which are dependent upon the level of earnings of the disabled member.

Disability Retirement Allowance Benefits

Benefits decreased from \$4.08 million to \$3.97 million for the periods ended June 30, 2019 and 2020, respectively. This is a decrease of \$113.9 thousand or 2.8%. There was a decrease of 2.1% in the number of recipients and a decrease of 0.7% in the average monthly benefit, from \$895 to \$889.

Benefit Costs

The System's costs to recipients include retirement, disability, survivors, and death benefits. The following is the benefit cost per monthly annuity recipient for the years ended June 30, 2020 and 2019.

Average Monthly Benefit Cost per Recipient-Defined Benefit Plan

	Number	Amount Paid (in millions)	Average Monthly Benefit
<u>Retirement</u>			
2020	59,060	\$ 2,456.5	\$ 3,466.16
2019	57,890	\$ 2,348.2	\$ 3,380.29
<u>Survivors</u>			
2020	9,157	\$ 185.4	\$ 1,687.35
2019	8,973	\$ 174.5	\$ 1,620.58
<u>Disabilities</u>			
2020	583	\$ 16.9	\$ 2,422.52
2019	599	\$ 17.3	\$ 2,408.14
<u>Disability Retirement Allowance</u>			
2020	372	\$ 4.0	\$ 888.68
2019	380	\$ 4.1	\$ 894.94

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Schedule of Changes in Reserves

	Defined Benefit Plan			
	Participant's Contribution	Benefits from Employee and Employer Contributions	Self-Managed Plan	Total
Balance, June 30, 2019	\$ 6,594,083,564	\$13,123,264,397	\$ 2,729,607,034	\$22,446,954,995
Revenue:				
Contributions	282,367,290	1,838,786,080	173,981,218	2,295,134,588
Investment income	—	396,978,787	—	396,978,787
Net appreciation in fair value of investments	—	213,670,350	223,640,319	437,310,669
Total increases	<u>282,367,290</u>	<u>2,449,435,217</u>	<u>397,621,537</u>	<u>3,129,424,044</u>
Expenses:				
Benefit payments	—	(2,676,192,703)	(67,927,971)	(2,744,120,674)
Refunds	(69,001,514)	—	(35,408,462)	(104,409,976)
Administrative and investment expenses	—	(86,940,645)	(765,038)	(87,705,683)
Interest credit to reserves, net of forfeits	382,058,055	(382,058,055)	—	—
Transfers	<u>(538,557,290)</u>	<u>538,557,290</u>	<u>—</u>	<u>—</u>
Total decreases	<u>(225,500,749)</u>	<u>(2,606,634,113)</u>	<u>(104,101,471)</u>	<u>(2,936,236,333)</u>
Net increase (decrease)	<u>56,866,541</u>	<u>(157,198,896)</u>	<u>293,520,066</u>	<u>193,187,711</u>
Balance, June 30, 2020	\$ 6,650,950,105	\$12,966,065,501	\$ 3,023,127,100	\$22,640,142,706

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Schedule of Contributions/Deductions and Effect on Investments

Below is a schedule of contributions received by the System's defined benefit plan, expenditures for benefits and operations and the effect of these transactions on the System's investments.

	2020	2019
Contributions		
Members/participants	\$ 282,367,290	\$ 280,017,618
State of Illinois	1,785,817,785	1,592,639,155
Federal/trust and other sources	<u>52,968,295</u>	<u>49,415,109</u>
Total contributions	<u>2,121,153,370</u>	<u>1,922,071,882</u>
Deductions		
Benefits:		
Retirement, reversionary and beneficiary benefits	2,456,538,261	2,348,219,353
Survivor benefits	185,412,944	174,497,186
Disability and DRA benefits	20,915,042	21,390,621
Lump-sum death benefits	4,357,549	5,213,471
Portable lump-sum retirement benefit	8,968,907	9,669,566
Refunds:		
Survivor insurance refunds	8,726,640	8,553,331
Refund due to active participant death	16,020,905	18,107,044
Portable lump sum withdrawal	6,476,137	10,538,219
Withdrawals	37,777,832	43,339,804
Administrative expenses	<u>18,469,275</u>	<u>16,083,589</u>
Total deductions	<u>2,763,663,492</u>	<u>2,655,612,184</u>
Contributions Available to Invest (Investments Used to Pay Benefits and Expenses)	\$ (642,510,122)	\$ (733,540,302)

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Selected Activity Measures and Service Efforts and Accomplishments

	2020	2019
Total office counseling visits		
Defined benefit	4,423	5,231
Self-managed Plan	454	520
Total telephone calls		
Defined benefit	104,052	112,122
Self-managed Plan	4,176	4,347
Benefit Payments:		
Number of refunds	3,460	4,158
Number of benefit claims	4,610	4,952
Information Collection:		
Employer payrolls processed	1,900	1,922

Investment Listing
June 30, 2020

Asset Category	Share/Par Value	Market Value	Asset Description
Equity Investments			
Equities	14	5.56	#REORG/ACHIEVE LIFE REVERSE SPLIT ACHIEVE LIFE 2J1UAF3 07-31-2020
Equities	3,946	2,500.58	#REORG/ALTUS MIDSTREAM CO REVERSE SPLIT ALTUS MIDSTREAM 2G1A73 07-01-2020
Equities	1,230	88,646.10	#REORG/AMERICAN NATIONAL STOCK MERGER AMERICAN NATL GROUP 2G16AP3 07-02-2020
Equities	3,096	2,237.17	#REORG/ASHFORD HOSPITALITY REVERSE SPLIT ASHFORD HOSPITALITY 2G1WAT3 07-16-2020
Equities	2,028	5,151.12	#REORG/BBX CAP CORP REVERSE SPLIT BBX CAP CORP 2J1NAH3 07-23-2020
Equities	46,929	569,248.77	#REORG/CAESARS ENTERTAINMENT CORP CASH MERGER 07-21-2020
Equities	26,879	30,910.85	#REORG/CALLON PETE REVERSE SPLIT CALLONPETE 2J1DAS3 08-10-2020
Equities	2,920	195,640.00	#REORG/EL PASO CASH MERGER 07-30-2020
Equities	35,569	1,424,894.14	#REORG/ELDORADO RESORTS NAME AND CUSIP CHANGE CAESARS ENTMT 2J1SAX3 07-21-2020
Equities	2,990	63,388.00	#REORG/FORESCOUT TECHNOLOGIES INC CASH MERGER 08-17-2020
Equities	961	24,745.75	#REORG/FRANKLIN FINL CASH AND STOCK MERGER FB FINL CORP 2C1CA12 08-17-2020
Equities	0	-	#REORG/FS KKR CAPITAL CORP REVERSE SPLIT FS KKR CAP CORP 2G17AZ3 06-16-2020
Equities	329	1,980.58	#REORG/GAIN CAP CASH MERGER 07-31-2020
Equities	5,121	1,656,131.40	#REORG/IAC / INTERACTIVE MANDATORY EXCHANGE IAC/INTERACTIVE 2G1WAN3 07-01-2020
Equities	3,997	182,023.38	#REORG/IBERIABANK CORP STOCK MERGER FIRST HORIZON NATL 2007266 07-02-2020
Equities	1,167	64,185.00	#REORG/INTL NAME CHANGE WITH CUSIP CHANGE STONEX 2G1ZAY3 07-06 2020
Equities	8,235	8,152.65	#REORG/INTREPID REVERSE SPLIT INTREPID 2L13AP3 08-14-2020
Equities	165	135.30	#REORG/JAKKS PAC INC REVERSE SPLIT JAKKS PAC INC 2J1GAB3 07-10-2020
Equities	834	1,793.10	#REORG/KLX ENERGY SVCS REVERSE SPLIT KLX ENERGY SVCS 2J1SA73 07-28-2020
Equities	6,052	301,087.00	#REORG/LEGG CASH MERGER 08-03-2020
Equities	3,233	346,092.65	#REORG/MATCH GROUP INC STOCK MERGER MATCH GROUP INC 2G1FA13 07-01-2020
Equities	3,509	5,614.40	#REORG/MITCHAM INDS INC COM NAME CHANGE MIND TECH INC 2J19AT3 07-31-2020
Equities	3,165	93,367.50	#REORG/MOBILE MINI INC STOCK MERGER WILLIAMS SCOTSMAN 2L1QA72 07-02-2020
Equities	5,220	7,986.60	#REORG/NEW AGE NAME CHANGE WITH CUSIP CHANGE NEW AGE 2L1PAE3 08-07-2020
Equities	6,270	4,163.28	#REORG/OCWEN FINL CORP REVERSE SPLIT OCWEN FINL CORP 2J1YAU3 08-14-2020
Equities	41,932	98,540.20	#REORG/OFFICE DEPOT INC REVERSE SPLIT THE ODP CORP 2G1JA33 07-01-2020
Equities	14,695	13,078.55	#REORG/ONCOMED PHARMA PLAN OF REORG ONCOMED 2Y1UA62 04-24-2019
Equities	6,906	3,798.99	#REORG/ORGANOVO HLDGS REVERSE SPLIT ORGANOVO HLDGS 2L1FAC3 08-19-2020
Equities	1,291	29,008.77	#REORG/PEOPLES UTAH NAME AND CUSIP CHANGE ALTABANCORP 2G1SAH3 07-01-2020
Equities	78,952	2,070,910.96	#REORG/POLYONE CORP NAME AND CUSIP CHANGE AVIENT CORP 2G18AE3 07-13-2020
Equities	4,857	87,377.43	#REORG/PORTOLA PHARMACEUTICALS INC CASH MERGER 07-06-2020
Equities	4,059	12,907.62	#REORG/RTI SURGICAL NAME AND CUSIP CHANGE SURGALIGN HLDGS 2J16A43 07-23-2020
Equities	8,891	59,302.97	#REORG/RUBICON PROJ NAME AND CUSIP CHANGE MAGNITE INC 2G14AJ3 07-01-2020
Equities	472	9,298.40	#REORG/SB ONE STOCK MERGER PROVIDENT 2001233 08-03-2020
Equities	3,119	654.99	#REORG/SEQUENTIAL REVERSE SPLIT SEQUENTIAL 2J1CAM3 07-27-2020
Equities	7,279	-	#REORG/TELIGENT INC CL A DESP SEC EFF 10/7/02
Equities	6,005	110,732.20	#REORG/TERRAFORM STOCK MERGER BROOKFIELD 2J1TAZ3 08-03-2020
Equities	1,339	4,338.36	#REORG/THL CR NAME CHANGE WITH CUSIP CHANGE FIRST 2J1TAG3 08-03-2020
Equities	16,571	2,783.93	#REORG/T-MOBILE WORTHLESS SECURITY 08-07-2020
Equities	0	-	#REORG/TPG SPECIALTY NAME AND CUSIP CHANGE SIXTH STR 2G1CA93 06-16-2020
Equities	3,317	40,765.93	#REORG/WILLIAMS NAME AND CUSIP CHANGE WILLSCOT MOBILE 2G1JA83 07-01-2020
Equities	2,001	40,060.02	1 800 FLOWERS COM INC CL A COM STK
Equities	429	0.04	1 PRICE CLOTHING STORES INC COM NEW STK
Equities	881	78,682.11	10X GENOMICS INC CL A CL A
Equities	2,397	87,059.04	1LIFE HEALTHCARE INC COM
Equities	6,354	52,611.12	1ST COMWLTH FNCL CORP COM LM
Equities	714	289,184.28	1ST CTZNS BANCSHARES INC N C CL A
Equities	9,593	368,754.92	1ST INDL RLTY TR INC COM
Equities	11,462	407,817.96	1ST SOURCE CORP COM
Equities	3,906	2,985.75	22ND CENTURY GROUP INC COM
Equities	4,541	172,376.36	2U INC COM
Equities	7,765	54,277.35	3D SYS CORP DEL COM NEW STK
Equities	444,800	4,575,927.00	3I GROUP ORD GBP0.738636
Equities	43,989	6,861,844.11	3M CO COM
Equities	244,374	4,711,530.72	5TH 3RD BANCORP COM
Equities	6,670	106,720.00	8X8 INC NEW COM
Equities	3,822	6,612.06	A H BELO CORP COM SER A STK
Equities	3,729	25,394.49	A10 NETWORKS INC COM
Equities	2,669	144,900.01	AAON INC COM PAR \$0.004 COM PAR \$0.004
Equities	2,241	46,321.47	AAR CORP COM
Equities	4,526	205,480.40	AARONS INC CLASS A
Equities	174,971	15,997,598.53	ABBOTT LAB COM
Equities	320,087	31,426,141.66	ABBVIE INC COM USD0.01
Equities	3,101	9,039.42	ABEOONA THERAPEUTICS INC COM
Equities	4,830	51,391.20	ABERCROMBIE & FITCH CO CL A
Equities	3,246	784,103.76	ABIOMED INC COM
Equities	8,925	323,977.50	ABM INDS INC COM
Equities	34,330	295,583.64	ABN AMRO BANK N.V. DR EACH REP SHS
Equities	8,812	2,056.72	ABRAXAS PETE CORP COM
Equities	2,881	193,574.39	ACACIA COMMUNICATIONS INC COM
Equities	4,085	16,707.65	ACACIA RESH CORP COM
Equities	5,637	141,601.44	ACADIA HEALTHCARE CO INC COM
Equities	8,621	417,859.87	ACADIA PHARMACEUTICALS INC COM
Equities	6,314	81,955.72	ACADIA RLTY TR COM
Equities	2,327	35,277.32	ACCELERATE DIAGNOSTICS INC COM
Equities	3,140	299,147.80	ACCELERON PHARMA INC COM
Equities	48,283	10,367,325.76	ACCENTURE PLC SHS CL A NEW
Equities	8,797	62,458.70	ACCO BRANDS CORP COM
Equities	6,334	12,858.02	ACCURAY INC DEL COM
Equities	6,460	7,816.60	ACELRX PHARMACEUTICALS INC COM
Equities	754	2,586.22	ACER THERAPEUTICS INC COM
Equities	10,259	-	ACHILLION PHARMACEUTICALS INC ACHILLION PHARMACE
Equities	8,428	227,471.72	ACI WORLDWIDE INC COM STK
Equities	2,828	4,581.36	ACLARIS THERAPEUTICS INC COM
Equities	20	459.60	ACME UTD CORP COM
Equities	320	8,377.60	ACNB CORP COM
Equities	3,540	2,600.48	ACORDA THERAPEUTICS INC COM

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Equities	149,783	11,368,529.70	ACTIVISION BLIZZARD INC COM STK
Equities	2,893	276,975.82	ACUTITY BRANDS INC COM
Equities	2,755	95,846.45	ACUSHNET HLDGS CORP COM
Equities	878	2,247.68	ADAMAS PHARMACEUTICALS INC COM
Equities	156	4,176.12	ADAMS RES & ENERGY INC COM NEW COM NEW
Equities	3,561	172,281.18	ADAPTIVE BIOTECHNOLOGIES CORP COM USD0.0001
Equities	600,000	-	ADATOM.COM INC
Equities	931	86,173.36	ADDUS HOMECARE CORP COM STK
Equities	24,171	1,134,127.66	ADECCO GROUP AG CHF0.1 (REGD)
Equities	10,070	2,642,044.22	ADIDAS AG
Equities	32,291	530,218.22	ADIENT PLC ADIENT PLC LTD COM
Equities	1,945	5,698.85	ADMA BIOLOGICS INC COM
Equities	99,860	2,836,667.52	ADMIRAL GROUP ORD GBP0.001
Equities	45,187	19,670,352.97	ADOBE SYS INC COM
Equities	88,444	19,077,370.80	ADR ALIBABA GROUP HOLDING LTD SPON ADS EACH REP 8 ORD SHS ADS
Equities	52,300	7,735,170.00	ADR ASCENDIS PHARMA A/S SPONSORED ADR
Equities	42,700	778,848.00	ADR GRIFOLS S A SPONSORED ADR REPSTG 1/2CL B NON VTG NEW
Equities	507,872	23,087,861.12	ADR HDFC BK LTD ADR REPSTG 3 SHS
Equities	267,933	9,391,051.65	ADR HUAZHU GROUP LTD
Equities	17,455	1,050,441.90	ADR JD COM INC SPONSORED ADR REPSTG COM CL A
Equities	11,600	4,980,808.00	ADR NETEASE INC SPONSORED ADR ADR EACH REPR 25 COM STK USD0.0001
Equities	18,371	1,604,523.14	ADR NOVARTIS AG
Equities	18,885	1,236,589.80	ADR NOVO-NORDISK A S ADR
Equities	15,900	1,180,098.00	ADR PJSC LUKOIL SPONSORED ADR
Equities	16,999	517,619.55	ADR ROYAL DUTCH SHELL PLC SPONSORED ADR REPSTG B SHS
Equities	6,806	451,510.04	ADR RYANAIR HLDGS PLC SPONSORED ADR NEW
Equities	72,600	7,785,624.00	ADR SEA LTD ADR
Equities	20,956	1,189,672.12	ADR TAIWAN SEMICONDUCTOR MANUFACTURING SPON ADS EACH REP 5 ORD TWD10
Equities	104,712	7,160,206.56	ADR TAL ED GROUP ADS REPSTG COM SHS ADR
Equities	45,017	582,069.81	ADR TENARIS S A SPONSORED ADR
Equities	190,435	4,936,075.20	ADR TRIP COM GRP LTD
Equities	387,670	1,283,187.70	ADR WIPRO LTD SPONSORED ADR REPSTG 1 SH SPONSORED ADR REPSTG 1 SH COM
Equities	7,924	63,233.52	ADC INC DEL COM
Equities	4,096	127,590.40	ADTALEM GLOBAL ED INC COM
Equities	5,632	61,557.76	ADTRAN INC COM
Equities	4,896	11,309.76	ADURO BIOTECH INC COM
Equities	5,242	746,722.90	ADVANCE AUTO PTS INC COM
Equities	5,076	153,142.92	ADVANCED DISP SVCS INC DEL COM
Equities	3,934	194,339.60	ADVANCED DRAIN SYS INC DEL COM
Equities	1,377	6,678.45	ADVANCED EMISSIONS SOLUTIONS INC COM STK
Equities	2,571	174,288.09	ADVANCED ENERGY INDS INC COM
Equities	103,200	617,714.15	ADVANCED INFO SERV THB1(NVDR)
Equities	300,905	15,830,612.05	ADVANCED MICRO DEVICES INC COM
Equities	2,753	32,320.22	ADVANSIX INC COM
Equities	1,650	3.47	ADVANTA CORP CL B CL B
Equities	43,900	2,490,318.40	ADVANTEST CORP NPV
Equities	67	35.91	ADVAXIS INC COM PAR \$0.001
Equities	4,631	96,695.28	ADVERUM BIOTECHNOLOGIES INC COM
Equities	5,889	8,568,735.66	ADYEN NV EURO0.01
Equities	9,725	365,465.50	AECOM
Equities	2,563	40,674.81	AEGION CORP 10
Equities	1,079	9,980.75	AEGLEA BIOTHERAPEUTICS INC COM
Equities	1,290	2,515.50	AEHR TEST SYS COM
Equities	601,890	1,354,743.27	AEM HOLDINGS LTD NPV
Equities	19,300	2,573,035.64	AENA SME S.A. EUR10
Equities	62,212	1,916,129.60	AERCAP HOLDINGS N.V. EURO0.01
Equities	2,940	43,394.40	AERIE PHARMACEUTICALS INC COM
Equities	5,340	211,677.60	AEROJET ROCKETDYNE HLDGS INC COM
Equities	1,277	101,687.51	AEROVIRONMENT INC COM
Equities	47,722	691,491.78	AES CORP COM
Equities	3,172	236,504.32	AFFILIATED MANAGERS GROUP INC COM STK
Equities	78,677	2,834,732.31	AFLAC INC COM
Equities	2,482	7,917.58	AG MORTGAGE INVESTMENT TRUST INC COM
Equities	4,658	258,332.68	AGCO CORP COM
Equities	50,720	1,796,712.99	AGEAS NPV
Equities	8,307	32,646.51	AGENUS INC COM NEW COM USD0.01 (POST REVSPILT)
Equities	346	327.56	AGEX THERAPEUTICS INC COM COMMON STOCK
Equities	73,611	6,505,004.07	AGILENT TECHNOLOGIES INC COM
Equities	3,210	57,587.40	AGILYSYS INC COM STK
Equities	3,938	210,604.24	AGIOS PHARMACEUTICALS INC COM
Equities	117,580	1,380,262.83	AGL ENERGY NPV
Equities	40,565	523,288.50	AGNC INVT CORP COM
Equities	3,371	221,508.41	AGREE RLTY CORP COM
Equities	5,223,670	2,102,826.34	AGRICULTURAL BANK OF CHINA CMN STK
Equities	2,002	6,066.06	AGROFRESH SOLUTIONS INC COM
Equities	506,326	4,723,257.33	AIA GROUP LTD NPV
Equities	106,000	133,340.37	AIB GROUP PLC ORD EURO.625
Equities	44	109.12	AIM IMMUNOTECH INC COM
Equities	2,960	49,461.60	AIMMUNE THERAPEUTICS INC COM
Equities	1	-	AIR CHARTER EXPRESS INC COM COM
Equities	63,034	1,846,265.86	AIR LEASE CORP CL A CL A
Equities	8,832	1,273,684.48	AIR LIQUIDE(L') EUR5.50
Equities	48,841	11,793,147.86	AIR PROD & CHEM INC COM
Equities	145	10.88	AIR T FDG (AIR T FDG) WRT 06-07-2020
Equities	2	44.00	AIR T FDG 8% ALPHA INC TR PFD SECS 06-07-2049
Equities	52	572.00	AIR T INC COM
Equities	4,121	91,774.67	AIR TRANS SVCS GROUP INC COM STK
Equities	46,038	3,284,465.56	AIRBUS SE EUR1
Equities	343	3,683.82	AIRGAIN INC COM
Equities	1,500	43,657.60	AISIN SEIKI CO NPV
Equities	35,776	3,831,251.84	AKAMAI TECHNOLOGIES INC COM STK

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Equities	1,149	15,741.30	AKCEA THERAPEUTICS INC COM
Equities	8,559	116,231.22	AKEBIA THERAPEUTICS INC COM
Equities	2,951	24,463.79	AKOUSTIS TECHNOLOGIES INC COM
Equities	864	88,680.96	ALAMO GROUP INC COM
Equities	26,197	1,697,827.57	ALARM COM HLDGS INC COM
Equities	92,733	3,362,498.58	ALASKA AIR GROUP INC COM
Equities	7,450	20,785.50	ALASKA COMMUNICATIONS SYS GROUP INC COM ISIN US01167P1012
Equities	2,004	117,654.84	ALBANY INTL CORP NEW CL A
Equities	34,197	2,640,350.37	ALBEMARLE CORP COM
Equities	731	19,364.19	ALBIREO PHARMA INC COM
Equities	22,508	1,290,158.56	ALCON AG COM USD0.04 WI
Equities	94,293	5,409,495.52	ALCON INC
Equities	2,642	5,284.00	ALDER BIOPHARMACEUTICALS INC SHS
Equities	2,575	10,737.75	ALDEYRA THERAPEUTICS INC FORMERLY ALDEXATHERAPEUTICS INC 03/17/2014 COM
Equities	2,906	71,022.64	ALECTOR INC COM
Equities	54,010	658,381.90	ALEXANDER & BALDWIN INC
Equities	209	50,348.10	ALEXANDERS INC COM REIT FUND
Equities	28,461	4,617,797.25	ALEXANDRIA REAL ESTATE EQUITIES INC COM
Equities	19,102	2,144,008.48	ALEXION PHARMACEUTICALS INC COM
Equities	34,832	764,186.78	ALFA LAVAL AB NPV
Equities	231,100	6,249,773.88	ALIBABA GROUP HOLDING LTD
Equities	254	7,914.64	ALICO INC COM
Equities	5,472	1,501,735.68	ALIGN TECHNOLOGY INC COM
Equities	60,500	1,890,958.15	ALIMENTATION COUCH CLASS'B/S/VTG COM NPV
Equities	174	1,096.20	ALIMERA SCIENCES INC COM NEW
Equities	10,329	200,434.25	ALKERMES PLC SHS
Equities	1,594	114,544.84	ALLAKOS INC COM
Equities	1,100	538,054.00	ALLEGHANY CORP DEL COM
Equities	182,918	1,863,934.42	ALLEGHENY TECHNOLOGIES INC COM
Equities	1,374	34,885.86	ALLEGIANCE BANCSHARES INC COM
Equities	877	95,777.17	ALLEGIANT TRAVEL CO COM
Equities	3,300	337,326.00	ALLEGION PLC COMMON STOCK
Equities	197	311.26	ALLENA PHARMACEUTICALS COM
Equities	3,675	200,691.75	ALLETE INC COM NEW
Equities	3,588	161,890.56	ALLIANCE DATA SYS CORP COM
Equities	18,108	866,286.72	ALLIANT ENERGY CORP COM
Equities	38,694	7,899,138.24	ALLIANZ SE NPV(REGD)(VINKULIERT)
Equities	282	3,321.96	ALLIED HEALTHCARE PRODS INC COM NEW COM NEW
Equities	685	24,180.50	ALLIED MOTION TECHNOLOGIES INC COM
Equities	47,609	1,431,765.52	ALLIED PROPS REAL TRUST UNITS
Equities	8,852	325,576.56	ALLISON TRANSMISSION HOLDING
Equities	4,973	212,943.86	ALLOGENE THERAPEUTICS INC COM
Equities	13,021	88,152.17	ALLSCRIPTS HEALTHCARE SOLUTIONS INC
Equities	33,758	3,274,188.42	ALLSTATE CORP COM
Equities	52,640	1,043,851.20	ALLY FINL INC COM
Equities	7,476	1,107,270.36	ALNYLAM PHARMACEUTICALS INC COM
Equities	1,107,103	837,981.19	ALPEK SAB DE CV COM CL I SER A
Equities	117	1,272.96	ALPHA & OMEGA SEMICONDUCTOR LTD COM STK
Equities	44,770	63,287,319.70	ALPHABET INC CAP STK USD0.001 CL C
Equities	40,092	56,852,460.60	ALPHABET INC CAPITAL STOCK USD0.001 CL A
Equities	2,986	14,034.20	ALPHATEC HLDGS INC COM NEW COM
Equities	1,709	67,932.75	ALTAIR ENGR INC CL A COM
Equities	2,346	385,400.88	ALTERYX INC COM CL A COM CL A
Equities	13,983	315,176.82	ALTICE USA INC CL A CL A
Equities	584	8,608.16	ALTISOURCE PORTFOLIO COM USD1.00
Equities	5,241	166,978.26	ALTRA INDUSTRIAL MOTION CORP COM STK USD0.001
Equities	173,998	6,829,421.50	ALTRIA GROUP INC COM
Equities	32,600	266,214.95	AMADA CO LTD
Equities	205,673	10,713,855.90	AMADEUS IT GROUP EURO0.01
Equities	2,301	17,602.65	AMAG PHARMACEUTICALS INC COM STK
Equities	605	7,647.20	AMALGAMATED BK NEW YORK COM
Equities	68,792	189,784,745.44	AMAZON COM INC COM
Equities	1,923	27,537.36	AMBAC FINL GROUP INC COM
Equities	2,298	105,248.40	AMBARELLA INC SHS
Equities	4,315	18,511.35	AMC ENTMT HLDGS INC CL A COM CL A COM
Equities	26,804	626,945.56	AMC NETWORKS INC CL A
Equities	1,413,658	14,433,448.18	AMCOR PLC ORD USD0.01
Equities	2,059	2.06	AMCORE FINL INC COM
Equities	13,000	791,440.00	AMDOCS ORD GBP0.01
Equities	2,340	464,583.60	AMEDISYS INC COM
Equities	44,702	3,560,067.28	AMER ELEC PWR CO INC COM
Equities	5,641	357,977.86	AMER FINL GROUP INC OH COM STK
Equities	1,115	16,769.60	AMERANT BANCORP INC CL A CL A
Equities	682	206,093.58	AMERCO COM
Equities	36,734	2,584,604.24	AMEREN CORP COM
Equities	1,782	49,503.96	AMERESCO INC
Equities	28,971	378,650.97	AMERICAN AIRLINES INC COM USD1
Equities	4,176	116,259.84	AMERICAN ASSETS TR INC COM
Equities	6,268	47,636.80	AMERICAN AXLE & MFG HLDGS INC COM
Equities	10,440	364,982.40	AMERICAN CAMPUS CMNTYS INC COM
Equities	11,629	126,756.10	AMERICAN EAGLE OUTFITTERS INC NEW COM
Equities	6,372	157,452.12	AMERICAN EQUITY INVT LIFE HLDG CO COM
Equities	59,988	5,710,857.60	AMERICAN EXPRESS CO
Equities	5,759	45,697.67	AMERICAN FIN TR INC COM CL A COM CL A
Equities	20,628	554,893.20	AMERICAN HOMES 4 RENT COMMON STOCK
Equities	139,890	4,361,770.20	AMERICAN INTERNATIONAL GROUP INC COM
Equities	708	17,728.32	AMERICAN NATL BANKSHARES INC COM
Equities	9,778	289,428.80	AMERICAN PUB ED INC COM STK
Equities	1,607	10,477.64	AMERICAN RENAL ASSOCS HLDGS INC COM
Equities	1,565	14,069.35	AMERICAN RLTY INV INC COM
Equities	145	310.30	AMERICAN SHARED HOSP SVCS COM

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Equities	2,642	207,740.46	AMERICAN STS WTR CO COM
Equities	1,447	11,764.11	AMERICAN SUPERCONDUCTOR CORP SHS NEW SHSNEW
Equities	71,316	18,438,038.64	AMERICAN TOWER CORP
Equities	3,086	42,463.36	AMERICAN VANGUARD CORP COM
Equities	13,726	1,765,987.16	AMERICAN WTR WKS CO INC NEW COM
Equities	433	38,047.71	AMERICAS CAR-MART INC COM
Equities	121,074	4,394,986.20	AMERICOLD RLTY TR COM
Equities	43,442	6,518,037.68	AMERIPRISE FINL INC COM
Equities	4,871	114,906.89	AMERIS BANCORP COM
Equities	1,473	90,088.68	AMERISAFE INC COM
Equities	3,528	10,795.68	AMERISERV FINL INC COM
Equities	42,797	4,312,653.69	AMERISOURCEBERGEN CORP COM
Equities	800	-	AMERN MED ALERT CORP COM STK
Equities	241	2,578.70	AMERN RIV BANKSHARES
Equities	1,369	21,575.44	AMERN SOFTWARE INC CL A
Equities	16,016	1,211,610.40	AMERN WOODMARK CORP COM
Equities	470	9,277.80	AMES NATL CORP CDT-COM STK
Equities	16,753	1,497,215.61	AMETEK INC NEW COM
Equities	68,787	16,224,101.82	AMGEN INC COM
Equities	18,263	275,406.04	AMICUS THERAPEUTICS INC COM
Equities	111,415	1,371,518.65	AMKOR TECHNOLOGY INC COM
Equities	21,833	987,724.92	AMN HEALTHCARE SVCS INC COM
Equities	14,850	70,686.00	AMNEAL PHARMACEUTICALS INC COM
Equities	1,800	5,526.00	AMPCO-PITTSBURG CORP COM
Equities	2,807	63,045.22	AMPHASTAR PHARMACEUTICALS INC DEL COM
Equities	31,046	2,974,517.26	AMPHENOL CORP NEW CL A
Equities	1,277	1,570.71	AMPLIFY ENERGY CORP NEW COM
Equities	552	2,489.52	AMREP CORP COM STK USD0.10
Equities	985	4,796.95	AMTECH SYS INC COM PAR \$0.01 NEW STK
Equities	2,200	172,223.83	AMUNDI EUR2.5
Equities	3,022,000	545,877.98	AMVIG HOLDINGS LIMITED HKD0.01
Equities	3,285	14,026.95	AMYRIS INC COM NEW COM NEW
Equities	26,587	3,260,629.68	ANALOG DEVICES INC COM
Equities	8,562	387,944.22	ANAPLAN INC COM
Equities	1,754	39,184.36	ANAPTSBIO INC COM
Equities	2,619	36,037.44	ANDERSONS INC COM
Equities	4,199	51,017.85	ANGI HOMESERVICES INC COM USD0.001
Equities	2,820	28,679.40	ANGIODYNAMICS INC COM STK
Equities	63,005	1,455,308.80	ANGLO AMERICAN USD0.54945
Equities	23,805	1,172,800.38	ANHEUSER-BUSCH INB NPV
Equities	499,200	3,362,158.33	ANHUI CONCH CEMENT H'CNY1
Equities	1,019	32,954.46	ANI PHARMACEUTICALS INC COM
Equities	993	37,465.89	ANIIA THERAPEUTICS INC COM STK
Equities	795	2,432.70	ANIXA BIOSCIENCES INC
Equities	104,064	682,659.84	ANNALY CAP MGMT INC COM
Equities	24,843	7,247,448.39	ANSYS INC COM
Equities	105,000	926,655.87	ANTA SPORTS PRODUC HKD0.10
Equities	10,517	28,921.75	ANTARES PHARMA INC COM
Equities	355	16,095.70	ANTERIX INC
Equities	21,528	109,792.80	ANTERO MIDSTREAM CORPORATION
Equities	127,851	324,741.54	ANTERO RES CORP COM
Equities	46,428	12,209,635.44	ANTHEM INC COM
Equities	8,987	15,277.90	ANWORTH MTG AST CORP COM
Equities	8,313	1,601,083.80	AON PLC
Equities	27,668	373,518.00	APACHE CORP COM
Equities	11,694	440,162.16	APARTMENT INVESTMENT & MANAGEMENT COM USD0.01 CLASS A (POST REV SPLIT)
Equities	4,193	136,943.38	APELLIS PHARMACEUTICALS INC COM
Equities	25	28.00	APEX GLOBAL BRANDS INC COM NEW COM NEW
Equities	2,228	51,333.12	APOGEE ENTERPRISES INC COM
Equities	10,231	100,366.11	APOLLO COMI REAL ESTATE FIN INC COM
Equities	7,108	354,831.36	APOLLO GLOBAL MGMT INC COM USD0.00001 CLASS A
Equities	4,676	44,749.32	APOLLO INVT CORP COM NEW COM NEW
Equities	1,927	31,795.50	APOLLO MED HLDS INC COM NEW COM NEW
Equities	1,093	177,842.03	APPFOLIO INC COM CL A COM CL A
Equities	2,150	110,187.50	APPIAN CORP CL A CL A
Equities	15,892	153,516.72	APPLE HOSPITALITY REIT INC COM NEW COM NEW
Equities	633,005	230,920,224.00	APPLE INC COM STK
Equities	151	836.54	APPLIED GENETIC TECHNOLOGIES CORP COM
Equities	2,684	167,454.76	APPLIED INDL TECHNOLOGIES INC COM
Equities	239,796	14,495,668.20	APPLIED MATERIALS INC COM
Equities	1,528	16,609.36	APPLIED OPTOELECTRONICS INC COM
Equities	544	19,665.60	APPLIED THERAPEUTICS INC COM
Equities	452	17,528.56	APREA THERAPEUTICS INC COM
Equities	4,523	506,485.54	APTARGROUP INC COM
Equities	173	1,444.55	APTEVO THERAPEUTICS INC COM
Equities	447	1,863.99	APTNIX INC COM
Equities	15,265	1,189,448.80	APTV PLC COM USD
Equities	3	-	APW LTD APW LTD
Equities	3,012	16,716.60	APYX MEDICAL CORP
Equities	1,555	2,177.00	AQUA METALS INC COM
Equities	314	1,011.08	AQUABOUNTY TECHNOLOGIES INC COM NEW COM NEW
Equities	17,173	387,594.61	ARAMARK COM
Equities	680	7,915.20	ARAVIVE INC COM USD0.0001
Equities	6,817	62,989.08	ARBOR RLTY TR INC COM
Equities	415	415.00	ARC DOCUMENT SOLUTIONS INC COM
Equities	68,382	228,944.14	ARC RESOURCES LTD COM NPV
Equities	36,310	962,578.10	ARCBEST CORP COM USD0.01
Equities	67,988	715,499.99	ARCELORMITTAL NPV
Equities	63,668	1,824,088.20	ARCH CAPITAL GROUP COM STK
Equities	1,167	33,154.47	ARCH RES INC DEL CL A CL A
Equities	40,872	1,630,792.80	ARCHER-DANIELS-MIDLAND CO COM

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Equities	9,318	60,473.82	ARCHROCK INC COM
Equities	8,096	112,777.28	ARCONIC CORPORATION COM USD0.01
Equities	3,704	156,308.80	ARCOSA INC COM
Equities	3,198	79,118.52	ARCUS BIOSCIENCES INC COM
Equities	966	29,211.84	ARCUTIS BIOTHERAPEUTICS INC COM
Equities	26,000	335,660.00	ARDAGH GROUP S A RDAGH GROUP S A EUR0.01 CL A
Equities	3,784	26,185.28	ARDELIX INC COM
Equities	3,973	250,100.35	ARENA PHARMACEUTICALS INC COM NEW COM NEW
Equities	17,709	255,895.05	ARES CAP CORP COM
Equities	2,205	20,109.60	ARES COML REAL ESTATE CORP COM
Equities	63,818	2,533,574.60	ARES MANAGEMENT LP COM SHS REPSTG LTD PARTNER
Equities	1,058	50,128.04	ARGAN INC COM
Equities	2,499	87,040.17	ARGO GROUP INTERNATIONAL HOLDINGS COM STK
Equities	4,441	932,743.23	ARISTA NETWORKS INC COM
Equities	195,900	3,439,367.38	ARISTOCRAT LEISURE NPV
Equities	500	6,200.00	ARK RESTAURANTS CORP COM
Equities	39,854	3,811,038.49	ARKEMA EUR10
Equities	2,698	8,013.06	ARLINGTON ASSET INVT CORP CL A NEW CL A NEW
Equities	5,632	14,530.56	ARLO TECHNOLOGIES INC COM
Equities	3,996	39,760.20	ARMADA HOFFLER PPTYS INC REIT
Equities	3,307	31,052.73	ARMOUR RESIDENTIAL REIT INC COM NEW COM NEW
Equities	2,221	6,640.79	ARMSTRONG FLOORING INC COM
Equities	3,610	281,435.60	ARMSTRONG WORLD INDS INC NEW COM STK
Equities	77,500	443,750.96	AROUNDOWN SA EURO.01
Equities	35,385	2,430,595.65	ARROW ELECTR INC COM
Equities	1,227	36,478.71	ARROW FINL CORP COM
Equities	7,379	318,699.01	ARROWHEAD PHARMACEUTICALS INC COM
Equities	580	21,048.20	ARTESIAN RES CORP CL A CL A
Equities	3,713	120,672.50	ARTISAN PARTNERS ASSET MGMT INC CL A CL A
Equities	129	305.73	ARTS WAY MFG INC COM
Equities	1,643	55,106.22	ARVINAS INC COM
Equities	87,700	3,069,520.32	ASAHI GROUP HOLDINGS LTD NPV
Equities	14,600	118,494.32	ASAHI KASEI CORP NPV
Equities	1,337	103,390.21	ASBURY AUTOMOTIVE GROUP INC COM
Equities	626	913.96	ASCENA RETAIL GROUP INC COM NEW COM NEW
Equities	3,444	229,645.92	ASGN INCORPORATED COMN STK USD0.01
Equities	154	1,563.10	ASHFORD INC COM USD0.01 'WI'
Equities	4,258	294,227.80	ASHLAND GLOBAL HLDGS INC COM
Equities	342,505	11,506,785.73	ASHTEAD GROUP ORD GBP0.10
Equities	1,313,600	1,288,100.69	ASIA CEMENT CHINA HKD0.1
Equities	13,275	2,050,845.28	ASM INTL NV EURO0.04
Equities	66,503	24,417,091.55	ASML HOLDING NV EURO.09
Equities	736	4,842.88	ASPEN AEROGELS INC COM
Equities	4,897	507,378.17	ASPEN TECHNOLOGY INC COM
Equities	24,577	499,762.54	ASSA ABLOY SER'B'NPV (POST SPLIT)
Equities	76,640	1,278,738.01	ASSECO POLAND SAPLN1
Equities	1,720	40,110.40	ASSEMBLY BIOSCIENCES INC COM
Equities	1,861	1,594.88	ASSERTIO HLDGS INC COM
Equities	1,753	47,839.37	ASSETMARK FINL HLDGS INC COM
Equities	860	31,553.40	ASSOCIATED CAP GROUP INC CL A CL A
Equities	11,419	156,211.92	ASSOC TD BANC-CORP COM
Equities	13,216	1,365,080.64	ASSURANT INC COM
Equities	7,117	173,725.97	ASSURED GUARANTY LTD COMMON STK
Equities	283	3,659.19	ASTA FDG INC COM
Equities	1,363	63,120.53	ASTEC INDs INC COM
Equities	82,600	1,377,751.31	ASTELLAS PHARMA NPV
Equities	121,493	12,641,331.68	ASTRAZENECA ORD USD0.25
Equities	1,117	11,795.52	ASTRONICS CORP COM
Equities	280	2,228.80	ASTRONOVA INC COMMON STOCK
Equities	48	136.80	ASTROTECH CORP COM NEW COM NEW
Equities	1,319	8,481.17	ASURE SOFTWARE INC COM
Equities	19,344	1,137,120.23	ASX LTD NPV
Equities	1,533	9,949.17	AT HOME GROUP INC COM
Equities	868,994	26,269,688.62	AT&T INC COM
Equities	4,821	70,241.97	ATARA BIOTHERAPEUTICS INC COM
Equities	46,608	1,453,703.52	ATHENE HOLDING LTD COM USD0.001 CL A
Equities	3,558	48,958.08	ATHENEX INC COM
Equities	4,059	11,202.84	ATHERSYS INC NEW COM
Equities	40,229	1,100,263.15	ATKORE INTL GROUP INC COM
Equities	62	101.68	ATLANTIC AMERN CORP COM
Equities	477	5,800.32	ATLANTIC CAP BANCSHARES INC COM MON STOCK
Equities	4,114	8,228.00	ATLANTIC PWR CORP COM NEW COM NEW
Equities	5,998	138,913.68	ATLANTIC UN BANKSHARES CORP COM
Equities	2,983	30,844.22	ATLANTICUS HLDGS CORP COM
Equities	25,601	1,101,611.03	ATLAS AIR WORLDWIDE HLDGS INC COM NEW STK
Equities	32,300	5,822,721.00	ATLASSIAN CORPORATION PLC COM USD0.1 CL A
Equities	14,111	1,405,173.38	ATMOS ENERGY CORP COM
Equities	1,335	80,860.95	ATN INTL INC COM
Equities	14,685	1,251,853.48	ATOS SE
Equities	2,671	120,061.45	ATRICURE INC COM STK
Equities	95	60,515.95	ATRION CORP COM
Equities	164,008	2,104,819.67	AUST & NZ BANK GRP NPV
Equities	438,870	2,854,497.57	AUTO TRADER GROUP ORD GBP0.01
Equities	43,270	10,349,751.30	AUTODESK INC COM
Equities	6,073	391,769.23	AUTOLIV INC COM STK
Equities	51,526	7,671,706.14	AUTOMATIC DATA PROCESSING INC COM
Equities	4,057	152,462.06	AUTONATION INC COM
Equities	18	23.22	AUTOWEB INC COM USD0.001
Equities	4,319	4,872,350.28	AUTOZONE INC COM
Equities	5,478	729,067.02	AVALARA INC COM
Equities	15,316	2,368,466.24	AVALONBAY CMNTYS REIT

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Equities	24,069	1,010,416.62	AVANGRID INC COM
Equities	3,436	100,984.04	AVANOS MED INC COM
Equities	23,170	393,890.00	AVANTOR INC COM
Equities	8,327	102,921.72	AVAYA HLDS CORP COM
Equities	925	4,763.75	AVEO PHARMACEUTICALS INC COM NEW COM NEW
Equities	9,918	1,131,544.62	AVERY DENNISON CORP COM
Equities	531	9,690.75	AVIAT NETWORKS INC COM NEW COM NEW
Equities	4,357	28,603.71	AVID BIOSERVICES INC COMMON STOCK
Equities	1,610	11,704.70	AVID TECHNOLOGY INC COM
Equities	147	0.01	AVINCI MEDIA CORP COM STK
Equities	4,310	98,655.90	AVIS BUDGET GROUP INC COM STK
Equities	20,869	759,422.91	AVISTA CORP COM ISIN # US05379B1070
Equities	944,800	3,193,992.41	AVIVA ORD GBP0.25
Equities	7,626	212,651.01	AVNET INC COM
Equities	1,730	30,188.50	AVROBIO INC COM
Equities	4,400	14,432.00	AWARE INC MASS COM
Equities	285,412	5,966,271.96	AXA EUR2.29
Equities	15,978	360,303.90	AXALTA COATING SYSTEMS LTD COM USD1.00
Equities	2,384	66,394.40	AXCELIS TECHNOLOGIES INC COM NEW COM NEW
Equities	6,174	250,417.44	AXIS CAPITAL HOLDINGS LTD COM USD0.0125
Equities	2,680	24,763.20	AXOGEN INC COM USD0.01
Equities	4,087	401,057.31	AXON ENTERPRISE INC COM
Equities	1,832	64,321.52	AXONICS MODULATION TECHNOLOGIES INC COM
Equities	3,732	82,402.56	AXOS FINL INC COM
Equities	1,813	149,173.64	AXSOME THERAPEUTICS INC. COM
Equities	3,786	18,021.36	AXT INC COM
Equities	281	2,818.43	AYALA PHARMACEUTICALS INC COM USD0.01
Equities	72,380	1,236,475.65	AZIMUT HLDS S.P.A NPV
Equities	1,544	52,990.08	AZZ INC COM
Equities	4,183	101,981.54	B & G FOODS INC COMMON STOCK
Equities	450	9,792.00	B RILEY FINL INC COM
Equities	786	1,792.08	BABCOCK & WILCOX ENTERPRISES INC COM NEWCOM NEW
Equities	1,900	119,548.00	BADGER METER INC COM
Equities	254,240	1,518,547.67	BAE SYSTEMS ORD GBP0.025
Equities	207,848	3,198,780.72	BAKER HUGHES CO
Equities	2,165	205,371.90	BALCHEM CORP COM
Equities	48,736	3,386,664.64	BALL CORP COM
Equities	57	93.48	BALLANTYNE STRONG INC COM
Equities	3,419	37,027.77	BANC CALIF INC COM
Equities	1,533	62,193.81	BANCFIRST CORP COM
Equities	187,945	459,016.14	BANCO SANTANDER EUR0.50(REGD)
Equities	3,306	32,398.80	BANCORP INC DEL COM STK
Equities	7,687	174,802.38	BANCORPSOUTH BK TUPELO MISS COM
Equities	23,600	1,239,664.46	BANDAI NAMCO HOLDINGS INC
Equities	728	92,456.00	BANDWIDTH INC CL A CL A
Equities	993	7,526.94	BANK COMM HLDS COM STK
Equities	284	18,204.40	BANK FIRST CORPORATION COM USD0.01
Equities	934	31,130.22	BANK MARIN BANCORP COM STK
Equities	81,053	3,132,698.45	BANK NEW YORK MELLON CORP COM STK
Equities	1,341,371	31,857,561.25	BANK OF AMERICA CORP
Equities	6,230,000	2,306,975.72	BANK OF CHINA LTD H CNY1
Equities	24,851	583,252.97	BANK OZK COM
Equities	637	12,790.96	BANK PRINCETON NEW JERSEY COM
Equities	354	2,973.60	BANKFINANCIAL CORP COM
Equities	139,607	665,614.33	BANKINTER SA EUR0.30(REGD)
Equities	7,033	142,418.25	BANKUNITED INC
Equities	632	10,048.80	BANKWELL FINL GROUP INC COM
Equities	49,445	1,878,910.00	BANNER CORP COM NEW COM NEW
Equities	1,289	28,860.71	BAR HBR BANKSHARES COM
Equities	601,000	849,677.89	BARCLAYS PLC ORD GBP0.25
Equities	2,077	16,491.38	BARINGS BDC INC COM
Equities	3,935	6,296.00	BARNES & NOBLE ED INC COM
Equities	3,198	126,512.88	BARNES GROUP INC COM
Equities	151	135.79	BARNWELL IND INC COM
Equities	15,400	94,361.04	BARRATT DEVELOPMENTS ORD GBP0.10
Equities	792	42,078.96	BARRETT BUSINESS SVCS INC COM
Equities	70,249	1,884,138.01	BARRICK GOLD CORP COM NPV
Equities	449	22.45	BASIC ENERGY SVCS INC NEW WT EXP
Equities	1,032	7,585.20	BASSETT FURNITURE IND INC COM STK
Equities	340	1,411.00	BAUDAX BIO INC
Equities	10,750	371,150.54	BAWAG GROUP AG COMMON STOCK
Equities	38,595	3,323,029.50	BAXTER INTL INC COM
Equities	1,231	15,892.21	BAYCOM CORP COM
Equities	52,266	3,862,041.39	BAYER AG NPV (REGD)
Equities	27,930	1,782,419.56	BAYERISCHE MOTOREN WERKE A G COM
Equities	94	307.85	BBQ HLDS INC COM
Equities	184,200	633,893.30	BBVA(BILB-VIZ-ARG) EUR0.49
Equities	1,451	13,465.28	BCB BANCORP INC COM STK
Equities	45,738	2,036,845.72	BE SEMICONDUCTOR INDUSTRIES NV EUR0.01
Equities	4,695	123,807.15	BEACON ROOFING SUPPLY INC COM
Equities	1,129	31,612.00	BEAM THERAPEUTICS INC COM
Equities	41	99.63	BEASLEY BROADCAST GROUP INC CL A CL A
Equities	52,354	527,204.78	BEAZER HOMES USA INC COM NEW COM NEW
Equities	312,934	1,585,311.14	BEAZLEY PLC (UK) ORD GBP0.05
Equities	45,569	10,903,294.63	BECTON DICKINSON & CO COM
Equities	7,887	83,602.20	BED BATH & BEYOND INC COM
Equities	1,057	11,341.61	BEL FUSE INC CL B CL B
Equities	2,757	89,740.35	BELDEN INC COM
Equities	59	740.45	BELLEROPHON THERAPEUTICS INC COM NEW COMNEW
Equities	339	2,518.77	BELLICUM PHARMACEUTICALS INC COM NEW COMNEW
Equities	2,925	58,324.50	BELLRING BRANDS INC COM

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Equities	41,589	898,322.40	BENCHMARK ELECTRS INC COM
Equities	1,557	16,753.32	BENEFITFOCUS INC COM
Equities	980	20,050.80	BENEFYTT TECHNOLOGIES INC CL A COM
Equities	32,940	1,695,182.66	BERKLEY GP HOLDINGS
Equities	10,771	617,070.59	BERKLEY W R CORP COM
Equities	224,928	40,151,897.28	BERKSHIRE HATHAWAY INC-CL B
Equities	3,112	34,294.24	BERKSHIRE HILLS BANCORP INC COM
Equities	774	3,738.42	BERRY CORPORATION
Equities	9,629	426,757.28	BERRY GLOBAL GROUP INC COM USD0.01
Equities	44,413	3,875,922.51	BEST BUY INC COM STK
Equities	2,718	364,157.64	BEYOND MEAT INC COM USD0.0001
Equities	481	5,444.92	BG STAFFING INC COM
Equities	20,592	56,422.08	BGC PARTNERS INC CL A CL A
Equities	854,406	-	BGP HOLDINGS PLC BENEFICIAL INTEREST SHSNPV
Equities	202,410	4,991,849.67	BHP GROUP LIMITED
Equities	104,688	2,140,007.66	BHP GROUP PLC ORD USD0.50
Equities	2,469	4,789.86	BIG 5 SPORTING GOODS CORP COM
Equities	30,746	1,291,332.00	BIG LOTS INC COM
Equities	7	2,345.00	BIGLARI HLDGS INC CL A CL A
Equities	96	6,622.08	BIGLARI HLDGS INC CL B CL B
Equities	40,464	3,650,257.44	BILL COM HLDGS INC COM
Equities	10,310	4,654,861.90	BIO RAD LABS INC CL A
Equities	12,255	58,395.08	BIOCRYST PHARMACEUTICALS INC COM
Equities	5,415	23,609.40	BIODELIVERY SCIENCES INTL INC COM
Equities	22,201	5,939,877.55	BIOGEN INC COMMON STOCK
Equities	1,437	105,059.07	BIOHAVEN PHARMACEUTICAL HLDG CO LTD COM NPV
Equities	915	423.65	BIOLASE INC COM USD0.001(POST REV SPLT)
Equities	694	11,346.90	BIOLIFE SOLUTIONS INC COM NEW COM NEW
Equities	11,959	1,475,023.06	BIMARIN PHARMACEUTICAL INC COM ISIN CH0008107010
Equities	7,719	1,060,291.48	BIMERIEUX NPV
Equities	490	30,027.20	BIOSPECIFICS TECHNOLOGIES CORP COM
Equities	2,777	733,322.39	BIO-TECHNE CORP COM
Equities	2,343	105,880.17	BIOTELEMETRY INC COM
Equities	458	24,278.58	BIOXCEL THERAPEUTICS INC COM
Equities	31,398	657,474.12	BJS RESTAURANTS INC COM
Equities	8,698	324,174.46	BJS WHSL CLUB HLDGS INC COM
Equities	5,561,100	11,085,216.84	BK CENTRAL ASIA IDR62.50
Equities	4,999	306,988.59	BK HAW CORP COM
Equities	357,000	1,785,541.54	BK LEUMI LE ISRAEL ILS1
Equities	2,266,078	785,235.29	BK MANDIRI IDR250
Equities	449	18,929.84	BLACK DIAMOND THERAPEUTICS INC COM
Equities	4,323	244,941.18	BLACK HILLS CORP COM
Equities	58,540	4,247,662.40	BLACK KNIGHT INC COM USD0.0001 WI
Equities	3,148	179,687.84	BLACKBAUD INC COM
Equities	3,378	280,069.98	BLACKLINE INC COM
Equities	10,000	10,000.00	BLACKOUT MEDIA CORP PFD STOCK
Equities	754,701	27,696,717.12	BLACKROCK AM (DE) ISHARES CORE EURO STOXX 50
Equities	12,780	6,953,470.20	BLACKROCK INC COM STK
Equities	2,250	20,565.00	BLACKROCK TCP CAP CORP COM
Equities	97,255	5,510,468.30	BLACKSTONE GROUP INC
Equities	9,904	238,587.36	BLACKSTONE MTG TR INC COM CL A COM CL A
Equities	14,573	208,102.44	BLOCK H & R INC COM
Equities	202	145.44	BLONDER TONGUE LABORATORIES INC COM
Equities	886	9,639.68	BLOOM ENERGY CORP CL A CL A
Equities	7,540	80,376.40	BLOOMIN BRANDS INC COM
Equities	24,074	274,925.08	BLUCORA INC COM
Equities	671	10,058.29	BLUE BIRD CORP COM
Equities	3,831	233,844.24	BLUEBIRD BIO INC COM
Equities	297	1,609.74	BLUEGREEN VACATIONS CORP COM
Equities	909	7,790.13	BLUELINX HLDGS INC COM NEW COM NEW
Equities	3,593	280,254.00	BLUEPRINT MEDICINES CORP COM
Equities	1,845	14,907.60	BLUEROCK RESIDENTIAL GROWTH REIT INC COMCL A COM CL A
Equities	4,544	114,236.16	BMC STK HLDGS INC COM STK
Equities	80,260	3,188,394.04	BNP PARIBAS EUR2
Equities	332,000	1,055,912.88	BOC HONG KONG HLDG NPV
Equities	60,560	11,100,648.00	BOEING CO COM
Equities	3,288	43,796.16	BOINGO WIRELESS INC COM STK
Equities	7,338	275,982.18	BOISE CASCADE CO COM
Equities	2,603	146,913.32	BOK FINL CORP COM NEW
Equities	244,636	5,566,682.44	BOLIDEN AK
Equities	1,309	19,399.38	BONANZA CREEK ENERGY INC COM NEW COM NEW
Equities	3,904	6,216,495.36	BOOKING HLDGS INC COM
Equities	1,931	41,632.36	BOOT BARN HLDGS INC COM
Equities	10,117	787,001.43	BOOZ ALLEN HAMILTON HLDG CORP CL A COM STK
Equities	15,577	549,868.10	BORG WARNER INC COM
Equities	630	338,089.50	BOSTON BEER INC CL A CL A
Equities	501	8,016.00	BOSTON OMAHA CORP CL A CL A
Equities	5,106	35,129.28	BOSTON PRIVATE FINL HLDGS INC COM
Equities	226,011	7,935,246.21	BOSTON SCIENTIFIC CORP COM
Equities	2,642	134,134.34	BOTTOMLINE TECHNOLOGIES DE INC COM
Equities	11,543	394,251.08	BOUYGUES EUR1
Equities	11,263	233,819.88	BOX INC CL A CL A
Equities	5,899	123,289.10	BOYD GAMING CORP COM
Equities	868,424	3,296,331.89	BP ORD USD0.25
Equities	1,100	3,663.00	BP PRUDHOE BAY RTY TR UNITS BEN INT
Equities	3,674	172,016.68	BRADY CORP CL A
Equities	2,415	6,906.90	BRAEMAR HTLS & RES COM USD0.01
Equities	13,550	147,559.50	BRANDYWINE RLTY TR SH BEN INT NEW REIT
Equities	135,670	1,296,755.11	BRAVIDA HOLDING AB NPV
Equities	60,950	188,838.34	BRAVURA SOLUTIONS NPV
Equities	50,229	2,638,515.65	BRENNNTAG AG NPV

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Equities	58	57.99	BRICKELL BIOTECH	I COM USD0.01
Equities	2,246	51,298.64	BRIDGE BANCORP INC COM STK	
Equities	3,515	114,624.15	BRIDGEBIO PHARMA INC COM	
Equities	356	3,649.00	BRIDGEWATER BANCSHARES INC COM	
Equities	3,347	4,384.57	BRIGGS & STRATTON CORP CAP	
Equities	332	4,100.20	BRIGHAM MINERALS INC CL A CL A	
Equities	4,344	509,116.80	BRIGHT HORIZONS FA COM USD0.001	
Equities	3,138	24,727.44	BRIGHTCOVE INC	
Equities	24,499	681,562.18	BRIGHTHOUSE FINI INC COM	
Equities	3,097	38,588.62	BRIGHTSPHERE INVT GROUP INC COM	
Equities	2,310	25,872.00	BRIGHTVIEW HLDGS INC COM	
Equities	2,922	70,128.00	BRINKER INTL INC COM	
Equities	3,406	155,007.06	BRINKS CO COM	
Equities	246,509	14,494,729.20	BRISTOL MYERS SQUIBB CO COM	
Equities	850	11,845.10	BRISTOW GROUP INC DEL NEW COM	
Equities	23,132	296,552.24	BRIXMOR PPTY GROUP INC COM	
Equities	48,743	15,383,778.23	BROADCOM INC COM	
Equities	5,312	50,304.64	BROADMARK RLTY CAP INC COM	
Equities	9,006	1,136,467.14	BROADRIDGE FINL SOLUTIONS INC COM STK	
Equities	700	2,625.00	BROADWIND INC COM USD0.001	
Equities	13,301	39,237.95	BROOKDALE SR LIVING INC COM STK	
Equities	7,047	71,033.76	BROOKLINE BANCORP INC DEL COM BROOKLINE BANCORP INC +	
Equities	4,984	220,492.16	BROOKS AUTOMATION INC COM	
Equities	17,552	715,419.52	BROWN & BROWN INC COM	
Equities	1,992	114,679.44	BROWN FORMAN CORP CL A CL A	
Equities	16,833	1,071,588.78	BROWN-FORMAN INC CL B NON-VTG COM	
Equities	1,135	19,601.45	BRP GROUP INC CL A CL A	
Equities	1,681	18,188.42	BRT APARTMENTS CORP COM USD0.01	
Equities	5,902	240,093.36	BRUKER CORP	
Equities	35,666	2,282,980.66	BRUNSWICK CORP COM	
Equities	1,563	43,232.58	BRYN MAWR BK CORP COM STK	
Equities	466	731.62	BSQUARE CORP COM NEW	
Equities	22,535	2,036,713.30	BSTN PPTYS INC	
Equities	280,000	394,576.51	BT GROUP ORD GBP0.05	
Equities	2,375	37,240.00	BUCKLE INC COM	
Equities	3,114	6,788.52	BUILD-A-BEAR WORKSHOP INC COM STK	
Equities	8,352	172,886.40	BUILDERS FIRSTSOURCE INC COM STK	
Equities	10,198	419,443.74	BUNGE LTD	
Equities	81,270	1,606,173.32	BURBERRY GROUP ORD GBP0.0005	
Equities	5,985	1,178,626.05	BURLINGTON STORES INC COM	
Equities	499	7,659.65	BUSINESS FIRST BANCSHARES INC COM	
Equities	6,692	379,034.88	BWX TECHNOLOGIES INC COM	
Equities	1,632	21,379.20	BYLINE BANCORP INC COM	
Equities	218	7,248.50	C & F FINL CORP CMT-COM	
Equities	9,930	785,065.80	C H ROBINSON WORLDWIDE INC COM NEW COM NEW	
Equities	52,160	1,737,000.94	CA IMMOBILIEN ANLA NPV	
Equities	355	630,071.75	CABLE ONE INC COM	
Equities	4,202	155,684.10	CABOT CORP COM	
Equities	23,850	3,328,029.00	CABOT MICROELECTRONICS CORP COM	
Equities	45,949	789,403.82	CABOT OIL & GAS CORP COM	
Equities	1,853	401,878.64	CACI INTL INC CL A CL A	
Equities	2,639	54,442.57	CACTUS INC CL A CL A	
Equities	9,534	84,471.24	CADENCE BANCORPORATION CL A CL A	
Equities	69,678	6,686,300.88	CADENCE DESIGN SYS INC COM	
Equities	1,892	19,222.72	CADIZ INC COM NEW STK	
Equities	26,821	433,625.86	CAE INC COM NPV	
Equities	1,080	17,992.80	CAI INTL INC COM	
Equities	257,912	550,525.20	CAIXABANK SA EUR1	
Equities	1,700	75,616.00	CAL MAINE FOODS INC COM NEW STK	
Equities	2,780	22,267.80	CALAMP CORP COM	
Equities	1,152	72,472.32	CALAVO GROWERS INC COM	
Equities	2,617	21,825.78	CALERES INC COM	
Equities	4,940	6,026.80	CALIFORNIA RES CORP COM NEW COM NEW	
Equities	3,303	157,553.10	CALIFORNIA WTR SVC GROUP COM	
Equities	3,250	17,160.00	CALITHERA BIOSCIENCES INC COM	
Equities	3,855	57,439.50	CALIX NETWORKS INC COMMON STOCK	
Equities	6,366	111,468.66	CALLAWAY GOLF CO COM	
Equities	197	971.21	CALYXT INC COM	
Equities	1	1.19	CAMBER ENERGY INC COM PAR \$0.001 2019 NEW	
Equities	278	16,468.72	CAMBRIDGE BANCORP COM	
Equities	1,291	44,591.14	CAMDEN NATL CORP COM	
Equities	7,394	674,480.68	CAMDEN PPTY TR SH BEN INT	
Equities	106,026	5,262,070.38	CAMPBELL SOUP CO COM	
Equities	2,899	78,736.84	CAMPING WORLD HLDGS INC CL A CL A	
Equities	7,247	139,649.69	CANADIAN SOLAR INC COM	
Equities	1,700	146,834.07	CANADIAN TIRE LTD CLASS'A'CUM NON-VTG COM NPV	
Equities	2,427	99,749.70	CANNAE HLDGS INC COM USD0.0001	
Equities	2,589	114,511.47	CANTEL MEDICAL CORP COM	
Equities	1,428	29,916.60	CAP CY BK GROUP INC COM	
Equities	3,361	384,851.79	CAPGEMINI EUR8	
Equities	64,156	4,015,524.04	CAPITAL ONE FINL CORP COM	
Equities	613	8,263.24	CAPITAL SOUTHWEST CORP COM STK	
Equities	1,020	724.20	CAPITAL SR LIVING CORP COM	
Equities	9,439	103,923.39	CAPITOL FED FINL INC COM .	
Equities	5,347	83,573.61	CAPRI HOLDINGS LTD COM NPV	
Equities	827	9,924.00	CAPSTAR FINL HLDGS INC COM	
Equities	9,539	52,369.11	CAPSTEAD MTG CORP COM NO PAR COM NO PAR	
Equities	176	531.52	CAPSTONE TURBINE CORP COM USD0.001(POST REV SPLIT)	
Equities	2,513	42,972.30	CARA THERAPEUTICS INC COM	
Equities	98,562	5,143,950.78	CARDINAL HLTH INC	
Equities	2,273	71,713.15	CARDIOVASCULAR SYS INC DEL COM	

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Equities	1,710	119,665.80	CARDLYTICS INC COM
Equities	2,893	69,374.14	CARDTRONICS PLC CARDTRONICS PLC
Equities	2,597	92,011.71	CAREDX INC COM
Equities	6,992	119,982.72	CARETRUST REIT INC COM
Equities	2,880	73,008.00	CARGURUS INC CL A CL A
Equities	4,246	508,118.82	CARLISLE COMPANIES INC COM
Equities	8,566	238,991.40	CARLYLE GROUP INC COM
Equities	17,683	1,583,512.65	CARMAX INC COM
Equities	34,070	559,429.40	CARNIVAL CORP COM PAIRED
Equities	3,370	81,823.60	CARPENTER TECHNOLOGY CORP COM
Equities	1,301	23,574.12	CARRIAGE SERVICES INC COM
Equities	64,540	1,434,078.80	CARRIER GLOBAL CORPORATION COM USD0.01 WI
Equities	2,575	12,463.00	CARROL'S RESTAURANT GROUP INC COM
Equities	4,949	28,506.24	CARS COM INC COM
Equities	546	4,406.22	CARTER BK & TR MARTINSVILLE VA COM STK
Equities	3,294	265,825.80	CARTER INC FORMERLY CARTER HLDGS INC TO 09/13/2003 COM
Equities	11,367	1,366,313.40	CARVANA CO CL A CL A
Equities	2,895	12,043.20	CASA SYS INC COM
Equities	3,148	164,073.76	CASELLA WASTE SYS INC CL A COM STK
Equities	2,458	367,520.16	CASEYS GEN STORES INC COM
Equities	4,594	11,485.00	CASI PHARMACEUTICALS INC COM
Equities	927	36,180.81	CASS INFORMATION SYS INC COM
Equities	630	1,940.40	CASSAVA SCIENCES INC COM USD0.001
Equities	5,915	222,936.35	CASTLE BIOSCIENCES INC COM
Equities	1,665	1,381.95	CASTLIGHT HEALTH INC CL B CL B
Equities	10,279	753,450.70	CATALENT INC COM
Equities	1,371	8,047.77	CATALYST BIOSCIENCES INC COM NEW COM NEW
Equities	5,271	24,352.02	CATALYST PHARMACEUTICALS INC COM STK USD0.001 STK
Equities	4,453	39,409.05	CATCHMARK TIMBER TR INC CL A CL A
Equities	40,605	5,136,532.50	CATERPILLAR INC COM
Equities	5,560	146,228.00	CATHAY GENERAL BANCORP INC COM
Equities	1,789	14,634.02	CATO CORP NEW CL A CL A
Equities	592	114,167.20	CAVCO INDS INC DEL COM STK
Equities	3,715	89,048.55	CBIZ INC COM
Equities	8,820	2,404.33	CBL & ASSOC PPTYS INC COM
Equities	8,857	826,180.96	CBOE GLOBAL MARKETS INC
Equities	-205	(1,927,000.00)	CBOE S&P 500 INDEX CALL OPTION W/STK \$3125.00 PER SHARE 21-AUG-2020
Equities	-20	(140,000.00)	CBOE S&P 500 INDEX PUT OPTION W/STK \$2925.00 PER SHARE 21-AUG-2020
Equities	-61	(540,460.00)	CBOE S&P 500 INDEX PUT OPTION W/STK \$3000.00 PER SHARE 21-AUG-2020
Equities	-124	(1,392,520.00)	CBOE S&P 500 INDEX PUT OPTION W/STK \$3075.00 PER SHARE 21-AUG-2020
Equities	186,436	8,430,635.92	CBRE GROUP INC CL A CL A
Equities	1,512	31,752.00	CBTX INC FORMERLY CBFH INC TO 09/19/2017COM
Equities	8,894	368,389.48	CDK GLOBAL INC COM
Equities	68,820	2,455,186.34	CDN APARTMENT PROP TRUST UNITS
Equities	31,833	550,416.41	CDN NATURAL RESOURCES COMMON STOCK
Equities	7,300	181,160.06	CDN UTILITIES CLASS'A'COM NON-VTG NPV
Equities	32,458	3,770,970.44	CDW CORP COM
Equities	1,861	12,263.99	CECO ENVIRONMENTAL CORP COM
Equities	8,716	8,628.84	CEDAR REALTY TRUST INC
Equities	33,332	2,877,884.88	CELANESE CORP DEL COM SER A STK
Equities	677	4,691.61	CELCLITY INC COM
Equities	520	6,760.00	CELLDEX THERAPEUTICS INC NEW SHS
Equities	104,292	6,353,432.94	CELLNEX TELECOM SA EURO.025
Equities	267	3,996.99	CELLULAR BIOMEDICINE GROUP INC COM NEW COM NEW
Equities	1,487	22,186.04	CEL-SCI CORP COMN STOCK
Equities	3,522	12,467.88	CENT EUROPEAN MEDIA ENTERPRISES LTD NEW COM STK
Equities	33,338	1,126,491.02	CENT GARDEN & PET CO CL A
Equities	340,479	21,637,440.45	CENTENE CORP DEL COM
Equities	19,002	16,911.78	CENTENNIAL RESOURCE DEVELOPMENT INC COM USD0.01
Equities	37,186	694,262.62	CENTERPOINT ENERGY INC COM
Equities	419	15,079.81	CENTRAL GARDEN & PET CO COM
Equities	28,700	4,439,940.68	CENTRAL JAPAN RLWY NPV
Equities	33,782	541,525.46	CENTRAL PAC FINL CORP COM NEW
Equities	813	12,512.07	CENTRAL VY CMNTY BANCORP COM STK
Equities	3,596	25,639.48	CENTURY ALUM CO COM
Equities	891	3,697.65	CENTURY CASINOS INC COM
Equities	2,141	65,643.06	CENTURY CMNTYS INC COM
Equities	73,444	736,643.32	CENTURYLINK INC COM
Equities	72	5,595.84	CENTY BANCORP INC MASS CL A NON VTG
Equities	1,372	3,567.20	CERECOR INC COM
Equities	2,836	115,822.24	CERENCE INC COM
Equities	9,310	738,003.70	CERIDIAN HCM HLDG INC COM
Equities	23,344	1,600,231.20	CERNER CORP COM
Equities	10,430	68,838.00	CERUS CORP COM
Equities	1,595	59,684.90	CEVA INC COM
Equities	39,157	407,019.48	CF BLACKROCK SURS EAFE SF MAR 2016 R/S
Equities	26,085,565	283,289,233.73	CF GLOBEFLEX ACWI EX-U.S. EQUITY CIF
Equities	24,753	696,549.42	CF INDs HLDGS INC COM
Equities	38,910	2,443,445.16	CGI INC
Equities	3,800	26.60	CHAMPION ENTERPRISES INC COM
Equities	13,582	132,560.32	CHAMPIONX CORPORATION COM USD0.01 WI
Equities	18,059	202,260.80	CHANGE HEALTHCARE INC COM
Equities	2,126	33,675.84	CHANNELADVISOR CORP COM
Equities	1,384	897.11	CHAPARRAL ENERGY INC-NEW CL A COM
Equities	1,312	957.76	CHARLES & COLVARD LTD COM
Equities	15,022	2,619,085.70	CHARLES RIV LABORATORIES INTL INC COM
Equities	2,573	124,764.77	CHART INDs INC COM PAR \$0.01 COM PAR \$0.01
Equities	39,596	20,195,543.84	CHARTER COMMUNICATIONS INC NEW CL A CL A
Equities	442	45,305.00	CHASE CORP COM
Equities	3,219	19,700.28	CHATHAM LODGING TR COM
Equities	185,900	19,971,237.00	CHECK PT SOFTWARE TECHNOLOGIES ORDILS.01

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Equities	2,839	65,069.88	CHEESECAKE FACTORY INC COM
Equities	1,772	24,063.76	CHEFS' WAREHOUSE HOLDINGS IN
Equities	8,323	559,804.98	CHEGG INC COM
Equities	1,172	528,654.04	CHEMED CORP NEW COM
Equities	3,283	188,903.82	CHEMOCENTRYX INC COM STK
Equities	11,302	173,485.70	CHEMOURS CO COM
Equities	439	11,984.70	CHEMUNG FINL CORP COM
Equities	18,293	883,917.76	CHENIERE ENERGY INC COM NEW
Equities	2,370	21,377.40	CHERRY HILL MTG INV'T CORP COM
Equities	1,369	114,996.00	CHES UTILS CORP COM
Equities	218	1,068.20	CHESAPEAKE ENERGY CORP COM USD0.01 (POST REV SPLT)
Equities	203,261	18,136,979.03	CHEVRON CORP COM
Equities	3,747	167,453.43	CHEWY INC CLASS A
Equities	200	4,160.00	CHGO RIVET & MACH CO COM
Equities	9,891	13,649.58	CHICOS FAS INC COM
Equities	845	31,619.90	CHILDRENS PL INC NEW COM
Equities	14,323	137,644.03	CHIMERA INV'T CORP COM NEW COM NEW
Equities	4,836	14,991.60	CHIMERIX INC COM
Equities	5,205,341	4,211,044.27	CHINA CONSTRUCTION BANK HCNY1
Equities	3,572,000	2,004,812.62	CHINA LONGYUAN PWR 'HCNY1
Equities	281,000	1,292,524.95	CHINA MERCHANTS BK COM STK
Equities	200,500	1,352,973.05	CHINA MOBILE LTD NPV
Equities	633,200	1,915,829.40	CHINA OVERSEAS LAND & INVESTMNT HKD0.10
Equities	1,166,000	1,427,702.91	CHINA RES CEMENT HKD0.1
Equities	713,080	2,700,346.17	CHINA RESOURCES LAND HKD0.10
Equities	1,023,400	1,600,372.62	CHINA SHENHUA ENERGY CO 'H'
Equities	9,166,000	1,620,218.18	CHINA TOWER CORP LTD
Equities	902,000	487,633.62	CHINA UNICOM LTD HKD0.10
Equities	2,021	2,126,819.56	CHIPOTLE MEXICAN GRILL INC COM STK
Equities	2,577	203,325.30	CHOICE HOTELS INT'L INC COM
Equities	40,036	5,069,358.32	CHUBB LTD ORD CHF24.15
Equities	3,800	47,621.08	CHUBU ELECTRIC POWER CO INC NPV
Equities	17,866	1,381,041.80	CHURCH & DWIGHT INC COM
Equities	2,515	334,872.25	CHURCHILL DOWNS INC COM
Equities	1,155	17,186.40	CHUY'S HOLDINGS INC COM USD0.01
Equities	112,400	1,425,218.79	CI FINANCIAL CORP COMSTK
Equities	6	-	CIBL INC RESTRICTED COM STK
Equities	11,260	609,841.60	CIENA CORP COM NEW
Equities	54,309	10,191,083.85	CIGNA CORP NEW COM
Equities	21	226.38	CIM COML TR CORP COM NEW COM NEW
Equities	83,183	2,286,700.67	CIMAREX ENERGY CO COM
Equities	916	69,927.44	CIMPRESS PLC COM
Equities	11,451	733,207.53	CIN FNCL CORP COM
Equities	3,993	59,296.05	CINCINNATI BELL INC NEW COM NEW COM NEW
Equities	7,131	82,363.05	CINEMARK HLDGS INC COM
Equities	6,843	1,822,701.48	CINTAS CORP COM
Equities	1,756	44,742.88	CIRCOR INT'L INC COM
Equities	4,086	252,433.08	CIRRUS LOGIC INC COM
Equities	910,999	42,488,993.36	CISCO SYSTEMS INC
Equities	7,462	154,687.26	CIT GROUP INC NEW COM NEW COM NEW
Equities	1,449	29,298.78	CITI TRENDS INC COM ORD USD1
Equities	250,384	12,794,622.40	CITIGROUP INC COM NEW COM NEW
Equities	911	18,812.15	CITIZENS & NORTHN CORP COM
Equities	32,286	814,898.64	CITIZENS FINL GROUP INC COM
Equities	4,648	27,841.52	CITIZENS INC CL A
Equities	35,312	5,222,997.92	CITRIX SYS INC COM
Equities	1,573	102,512.41	CITY HLDG CO COM
Equities	1,819	18,299.14	CITY OFFICE REIT INC COM
Equities	1,416	21,806.40	CIVISTA BANCSHARES INC COM NO PAR COM NOPAR
Equities	353,500	2,107,193.78	CK ASSET HOLDINGS LTD
Equities	307,500	1,975,820.76	CK HUTCHISON HLDGS HKD1
Equities	2,027	23,472.66	CLARUS CORPORATION COM USD0.0001
Equities	11,241	24,955.02	CLEAN ENERGY FUELS CORP COM
Equities	3,755	225,224.90	CLEAN HBRS INC COM
Equities	15,300	15,912.00	CLEAR CHANNEL OUTDOOR HOLDINGS INC COM USD0.01 CL'A'
Equities	540	7,538.40	CLEARFIELD INC COM
Equities	3,016	5,670.08	CLEARSIDE BIOMEDICAL INC COM USD0.001
Equities	1,632	58,964.16	CLEARWATER PAPER CORP COM STK
Equities	1,372	28,770.84	CLEARWAY ENERGY INC CL A CL A
Equities	3,077	70,955.62	CLEARWAY ENERGY INC CL C CL C
Equities	25,558	141,080.16	CLEVELAND CLIFFS USD0.125
Equities	1,686	13,656.60	CLIPPER RLTY INC COM
Equities	9,361	2,053,522.57	CLOROX CO COM
Equities	19,469	247,645.68	CLUDERA INC COM
Equities	2,926	105,189.70	CLOUDFLARE INC COM
Equities	4,076	27,513.00	CLOVIS ONCOLOGY INC COM
Equities	30,946	5,029,962.84	CME GROUP INC COM STK
Equities	20,797	1,214,960.74	CMS ENERGY CORP COM
Equities	24,352	782,916.80	CNA FNCL CORP COM
Equities	1,146	20,547.78	CNB FINL CORP PA COM
Equities	10,524	163,858.68	CNO FINL GROUP INC COM
Equities	45,280	521,276.39	CNP ASSURANCES EUR1.00
Equities	816	2,309.28	CNSMR PORTFOLIO SVCS DEL
Equities	14,524	125,632.60	CNX RESOURCES CORPORATION COM
Equities	11,000	1,152,250.00	COBANK ACB FXD/FLTG SER H NON-CUMULATIVE PERPETUAL PFD
Equities	399,375	17,844,075.00	COCA COLA CO COM
Equities	3,545	812,478.55	COCA-COLA CONSOLIDATED INC COM
Equities	23,800	898,688.00	COCA-COLA EUROPEAN PARTNERS PLC ORD GBP0.01
Equities	3,429	39,090.60	CODEXIS INC COM
Equities	972	18,808.20	CO-DIAGNOSTICS INC COM
Equities	551	7,620.33	CODORUS VY BANCORP INC COM

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Equities	18,853	95,773.24	COEUR MNG INC COM NEW COM NEW
Equities	16,739	1,294,929.04	COGENT COMMUNICATIONS HLDGS INC
Equities	103,640	6,189,380.80	COGNEX CORP COM
Equities	56,050	3,184,761.00	COGNIZANT TECH SOLUTIONS CORP CL A
Equities	1,911	130,043.55	COHEN & STEERS INC COM
Equities	14,870	1,947,672.60	COHERENT INC COM
Equities	3,998	71,404.28	COHERUS BIOSCIENCES INC COM
Equities	3,245	56,268.30	COHU INC COM
Equities	163,330	1,930,812.97	COLES GROUP LTD
Equities	6,044	168,627.60	COLFAX CORP COM US .01
Equities	245,458	17,982,253.08	COLGATE-PALMOLIVE CO COM
Equities	662	22,693.36	COLLECTORS UNIVERSE INC COM NEW STK
Equities	1,925	33,687.50	COLLEGIUM PHARMACEUTICAL INC COM
Equities	8,900	-	COLONIAL BANC GROUP INC COM
Equities	35,913	86,191.20	COLONY CAP INC NEW CL A COM CL A COM
Equities	6,914	48,536.28	COLONY CREDIT REAL ESTATE INC COM USD0.01 CL A
Equities	4,999	141,696.66	COLUMBIA BKG SYS INC COM
Equities	4,091	57,089.91	COLUMBIA FINL INC COM
Equities	10,607	139,375.98	COLUMBIA PPTY TR INC COM NEW STK
Equities	2,450	197,421.00	COLUMBIA SPORTSWEAR CO COM
Equities	2,493	83,390.85	COLUMBUS MCKINNON CORP N Y COM
Equities	14,151	159,057.24	COM ALCOA CORPORATION COM USD0.01
Equities	551,622	21,502,225.56	COMCAST CORP NEW-CL A
Equities	10,613	404,355.30	COMERICA INC COM
Equities	2,480	101,060.00	COMFORT SYS USA INC COM
Equities	8,500	173,400.00	COML METALS CO COM
Equities	7,821	465,114.87	COMM BANCSHARES INC COM
Equities	1,909	5,517.01	COMMERCIAL VEH GROUP INC COM
Equities	52,412	2,505,066.70	COMMONWEALTH BANK OF AUSTRALIA NPV
Equities	13,883	115,645.39	COMMSCOPE HLDG CO INC COM
Equities	98	496.86	COMMUNICATIONS SYS INC COM
Equities	3,676	209,605.52	COMMUNITY BK SYS INC COM
Equities	10,836	32,616.36	COMMUNITY HEALTH SYS INC NEW COM
Equities	1,306	53,415.40	COMMUNITY HEALTHCARE TR INC REIT
Equities	1,564	51,236.64	COMMUNITY TR BANCORP INC COM
Equities	2,961	114,590.70	COMMVAULT SYS INC COM STK
Equities	2,121	103,398.75	COMPASS MINERALS INTL INC COM
Equities	1,447	32,977.13	COMPUTER PROGRAMS & SYS INC COM
Equities	96	386.88	COMPUTER TASK GROUP INC COM
Equities	7,600	69,331.95	COMPUTERSHARE LTD NPV
Equities	1,000	13,820.00	COMPX INTL INC CL A
Equities	3,310	10,261.00	COMSCORE INC COM
Equities	4,932	21,602.16	COMSTOCK RES INC COM PAR \$0.001 COM PAR \$0.001
Equities	1,812	30,604.68	COMTECH TELECOMMUNICATIONS CORP COM NEW COM NEW
Equities	68,080	2,394,373.60	CONAGRA BRANDS INC COM USD5
Equities	1,996	19,860.20	CONCERT PHARMACEUTICALS INC COM
Equities	21,899	1,127,798.50	CONCHO RES INC COM STK
Equities	17	69.70	CONDOR HOSPITALITY TR INC COM NEW COM NEW
Equities	12,687	30,321.93	CONDUENT INC COM
Equities	3,283	2,692.06	CONFORMIS INC COM
Equities	2,034	146,427.66	CONMED CORP COM
Equities	4,048	65,253.76	CONNECTONE BANCORP INC NEW COM
Equities	2,151	21,703.59	CONN'S INC COM
Equities	130,940	5,502,098.80	CONOCOPHILLIPS COM
Equities	24,888	1,790,193.84	CONS EDISON INC COM
Equities	2,315	11,737.05	CONSOL ENERGY INC NEW COM
Equities	34,812	235,677.24	CONSOLIDATED COMMUNICATIONS HLDGS INC COM STK
Equities	12,652	2,213,467.40	CONSTELLATION BRANDS INC CL A CL A
Equities	1,210	36,360.50	CONSTELLATION PHARMACEUTICALS INC COM
Equities	1,509	26,799.84	CONSTRUCTION PARTNERS INC CL A CL A
Equities	1,144	3,706.56	CONTAINER STORE GROUP INC COM
Equities	2,283	5,228.07	CONTANGO OIL & GAS CO COM NEW COM NEW
Equities	133,084	13,028,092.72	CONTINENTAL AG ORD NPV
Equities	124,204	2,177,296.12	CONTINENTAL RES INC COM
Equities	129	-	CONTRA GTX INC DEL
Equities	4,420	-	CONTRA ONCOMED PHARMAC
Equities	1,608	4,888.32	CONTURA ENERGY INC COM
Equities	325,921	787,696.83	CONVATEC GROUP PLC ORD GBP0.1 (WI)
Equities	4,331	1,228,444.84	COOPER COS INC COM NEW COM NEW
Equities	11,976	330,657.36	COOPER TIRE & RUBBER CO COM, NO PAR
Equities	707	9,367.75	COOPER-STANDARD HOLDING COM
Equities	22,778	1,896,724.06	COPART INC COM
Equities	1,466	12,299.74	CORBUS PHARMACEUTICALS HLDGS INC COM
Equities	85,506	1,438,210.92	CORCEPT THERAPEUTICS INC OC-COM CORCEPT THERAPEUTICS
Equities	1,478	30,032.96	CORE LABORATORIES NV NLG0.03
Equities	395	1,627.40	CORE MOLDING TECHNOLOGIES INC COM STK
Equities	7,630	71,416.80	CORECIVIC INC COM
Equities	5,321	357,677.62	CORELOGIC INC-W/I COM STK
Equities	18,558	463,114.90	CORE-MARK HLDG CO INC COM
Equities	891	8,152.65	CORENGLY INFRASTRUCTURE TR INC COM NEW COM NEW
Equities	3,782	15,922.22	COREPOINT LODGING INC COM
Equities	2,471	299,139.26	CORESITE RLTY CORP COM CORESITE REALTY CORP
Equities	1,736	10,936.80	CORMEDIX INC COM NEW COM USD0.001 (POST REV SPLIT)
Equities	5,852	35,463.12	CORNERSTONE BLDG BRANDS INC COM
Equities	3,942	152,003.52	CORNERSTONE ONDEMAND INC COM
Equities	158,283	4,099,529.70	CORNING INC COM
Equities	83,398	2,113,305.32	CORP OFFICE PPTYS TR COM
Equities	230	80.50	CORTELCO SYS PUERTO RICO INC COM
Equities	56,241	1,506,696.39	CORTEVA INC COM USD0.01 WI
Equities	394	18,242.20	CORTEXYME INC COM
Equities	2,000	36.00	CORUS BANKSHARES INC COM

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Equities	579	41,045.31	CORVEL CORP COM
Equities	791	2,151.52	CORVUS PHARMACEUTICALS INC COM
Equities	83,580	1,258,714.80	COSAN LTD COM STK
Equities	3,372	2,396,379.24	COSTAR GROUP INC COM
Equities	38,160	11,570,493.60	COSTCO WHOLESALE CORP NEW COM
Equities	21,212	94,817.64	COTY INC COM CL A COM CL A
Equities	18,687	5,177,046.48	COUPA SOFTWARE INC COM
Equities	11,454	341,672.82	COUSINS PPTYS INC
Equities	10,819	103,754.21	COVANTA HLDG CORP COM
Equities	988	14,256.84	COVENANT LOGISTICS GROUP INC CL A
Equities	1,900	72,235.39	COVESTRO AG NPV
Equities	8,222	147,091.58	COVETRUS INC COM NPV
Equities	1,692	812.16	COVIA HOLDINGS CORPORATION COM NPV
Equities	1,400	101,420.45	COVIVIO
Equities	18,294	296,545.74	COWEN INC COM USD0.01 CL A
Equities	450	1,480.50	CPI AEROSTRUCTURES INC COM NEW
Equities	10,180	402,110.00	CRA INTL INC COM
Equities	1,649	182,890.59	CRACKER BARREL OLD COUNTRY STORE COM
Equities	593	9,126.27	CRAFT BREW ALLIANCE INC COM
Equities	3,504	208,347.84	CRANE CO COM
Equities	1,226	9,673.14	CRAWFORD & CO CL A COM STK CL A
Equities	1,812	12,738.36	CRAWFORD & CO CL B CL B
Equities	990	414,819.90	CREDIT ACCEP CORP MICH COM
Equities	61,991	586,801.13	CREDIT AGRICOLE SA EUR3
Equities	107,036	1,106,789.86	CREDIT SUISSE AG CHF0.04(REGD)
Equities	7,218	427,233.42	CREE INC COM
Equities	1,296	16,381.44	CRESCENT CAPITAL BDC INC COM USD0.001
Equities	15,871	539,280.71	CRH PLC EQUITY
Equities	1,159	20,305.68	CRINETICS PHARMACEUTICALS INC COM
Equities	4,577	168,525.14	CROCS INC COM
Equities	4,100	24,624.08	CRONOS GROUP INC COM NPV
Equities	2,382	14,673.12	CROSS CTRY HEALTHCARE INC COM
Equities	1,895	18,533.10	CROSSFIRST BANKSHARES INC COM
Equities	23,632	2,370,053.28	CROWDSTRIKE HLDGS INC CL A CL A
Equities	34,214	5,725,712.90	CROWN CASTLE INTL CORP NEW COM
Equities	203	990.64	CROWN CRAFTS INC COM
Equities	9,964	648,955.32	CROWN HLDGS INC COM
Equities	2,515	48,212.55	CRYOLIFE INC COM
Equities	2,768	83,732.00	CRYOPORT INC COM PAR \$0.001 COM PAR \$0.001
Equities	2,565	106,165.35	CSG SYS INTL INC COM
Equities	23,082	4,560,991.74	CSL LTD NPV
Equities	78	633.36	CSP INC COM
Equities	1,115	77,057.65	CSW INDUSTRIALS INC COM
Equities	97,169	6,776,566.06	CSX CORP COM STK
Equities	4,825	5,597.00	CTI BIOPHARMA CORP COM NEW COM NEW
Equities	260	10,270.00	CTO RLTY GROWTH INC. COM
Equities	2,591	51,923.64	CTS CORP COM
Equities	15,044	406,037.56	CUBESMART
Equities	1,975	94,859.25	CUBIC CORP COM
Equities	1,777	43,554.27	CUE BIOPHARMA INC COM
Equities	4,230	316,023.30	CULLEN / FROST BANKERS INC COM
Equities	1,093	9,410.73	CULP INC COM
Equities	74,843	12,967,298.18	CUMMINS INC
Equities	978	3,863.10	CUMULUS MEDIA INC CL A COM 2018 CL A COM2018
Equities	1,650	1,996.50	CURIS INC COM NEW COM NEW
Equities	550	4,493.50	CURO GROUP HLDGS CORP COM
Equities	3,125	279,000.00	CURTISS WRIGHT CORP COM
Equities	25,830	310,476.60	CUSTOMERS BANCORP INC COM
Equities	1,101	13,399.17	CUTERA INC COM
Equities	9,927	186,031.98	CVB FINL CORP COM
Equities	874	17,576.14	CVR ENERGY INC COM STK
Equities	178,005	11,564,984.85	CVS HEALTH CORP COM
Equities	166	383.46	CYANOTECH CORP COM PAR \$0.02 STK
Equities	546	17,586.66	CYBEROPTICS CORP COM
Equities	1,000	5,910.00	CYCLERION THERAPEUTICS INC
Equities	404,020	2,686,214.91	CYFRWY POLSAT SA PLN0.04
Equities	34,203	2,488,268.25	CYRUSONE INC COM
Equities	4,463	105,192.91	CYTOKINETICS INC COMMON STOCK
Equities	3,348	27,888.84	CYTOMX THERAPEUTICS INC. COM
Equities	2,335	23,116.50	CYTOSORBENTS CORP COM NEW COM NEW
Equities	154,014	8,540,076.30	D R HORTON INC COM
Equities	58,000	1,327,357.83	DAI NIPPON PRINTNG NPV
Equities	63,600	5,191,283.31	DAIICHI SANKYO COM NPV
Equities	46	12,420.00	DAILY JOURNAL CORP COM
Equities	13,100	1,203,206.19	DAITO TRUST CONST NPV
Equities	66,226	14,210,797.61	DAIWA AM DAIWA ETF NIKKEI 225
Equities	47,300	1,114,488.58	DAIWA HOUSE INDS NPV
Equities	78,000	325,129.54	DAIWA SECS GROUP INC
Equities	2,905	12,636.75	DAKTRONICS INC COM
Equities	9,224	112,440.56	DANA INC COM
Equities	155,126	27,430,930.58	DANAHER CORP COM
Equities	17,360	1,200,289.77	DANONE EURO2.25
Equities	55,208	4,183,110.16	DARDEN RESTAURANTS INC COM
Equities	99,314	2,445,110.68	DARLING INGREDIENTS INC COMSTK
Equities	902	8,054.86	DASAN ZHONE SOLUTIONS INC COM NEW COM NEW
Equities	4,194	16,482.42	DASEKE INC COM
Equities	1,160	1,068,991.74	DASSAULT AVIATION EUR8
Equities	17,518	3,022,132.57	DASSAULT SYSTEMES EURO0.50
Equities	436	1,469.32	DATA I O CORP COM
Equities	75,220	6,540,379.00	DATADOG INC COM USD0.00001 CL A
Equities	2,182	29,086.06	DAVE & BUSTERS ENTMT INC COM

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Equities	6,958	550,656.12	DAVITA INC COM
Equities	1,835	2,642.40	DAWSON GEOPHYSICAL CO NEW COM
Equities	242,200	3,611,168.06	DBS GROUP HLDGS NPV
Equities	2,252	134,489.44	DECIPHERA PHARMACEUTICALS INC COM
Equities	2,045	401,617.55	DECKERS OUTDOOR CORP COM
Equities	47,981	7,540,214.15	DEERE & CO COM
Equities	1,952	11,575.36	DEL TACO RESTAURANTS INC NEW COM USD 0.0001
Equities	5,475	95,319.75	DELEK US HLDGS INC NEW COM
Equities	49,770	5,084,589.15	DELIVERY HERO SE NPV
Equities	14,125	776,027.50	DELL TECHNOLOGIES INC COM USD0.01 CL C WI COMMON STOCK
Equities	2,418	34,359.78	DELPHI TECHNOLOGIES PLC COM USD0.01 WI
Equities	44,472	1,247,439.60	DELTA AIR LINES INC DEL COM NEW COM NEW
Equities	368	4,460.16	DELTA APPAREL INC COM
Equities	6,165	149,069.70	DENALI THERAPEUTICS INC COM
Equities	19,525	5,390.85	DENBURY RES INC HLDG CO COM NEW
Equities	4,119	41,601.90	DENNYS CORP COM
Equities	122,778	5,409,598.68	DENTSPLY SIRONA INC COM
Equities	159,696	5,477,613.72	DERWENT LONDON ORD GBP0.05
Equities	3,444	23,315.88	DESIGNER BRANDS INC COM CL A NPV
Equities	2,200	1,430.66	DESTINATION XL GROUP INC COM
Equities	14,244	2,576,501.90	DEUTSCHE BOERSE AG NPV(REGD)
Equities	250,050	4,197,208.58	DEUTSCHE TELEKOM NPV(REGD)
Equities	28,836	327,000.24	DEVON ENERGY CORP NEW COM
Equities	21,103	8,555,156.20	DEXCOM INC COM
Equities	5,782	12,142.20	DHI GROUP INC COM
Equities	85,142	2,820,977.04	DIAGEO ORD PLC
Equities	6,027	809,968.53	DIAGEO PLC SPONSORED ADR NEW
Equities	264	30,008.88	DIAMOND HILL INVT OH
Equities	1,101	8,796.99	DIAMOND S SHIPPING INC COM NPV
Equities	17,309	723,862.38	DIAMONDBACK ENERGY INC COM
Equities	15,329	84,769.37	DIAMONDRock HOSPITALITY CO COM STK
Equities	71,279	13,641,714.69	DIASORIN SPA EUR1
Equities	4,513	114,630.20	DICERNA PHARMACEUTICALS INC COM
Equities	4,851	200,152.26	DICKS SPORTING GOODS INC OC-COM OC-COM
Equities	5,672	34,372.32	DIEBOLD NIJDORF INC COM STK
Equities	3,263	38,013.95	DIGI INTL INC COM
Equities	823	13,159.77	DIGIMARC CORP NEW COM STK
Equities	20,652	2,934,855.72	DIGITAL RLTY TR INC COM
Equities	2,781	34,957.17	DIGITAL TURBINE INC COM NEW
Equities	1,357	34,997.03	DILLARDS INC CL A COM
Equities	2,609	35,821.57	DIME CMNTY BANCSHARES INC COM
Equities	972	40,921.20	DINE BRANDS GLOBAL INC
Equities	8,188	415,131.60	DIODES INC COM
Equities	130,941	438,452.80	DIRECT LINE INSURANCE PLC ORD GBP
Equities	23,018	1,152,971.62	DISCOVER FINL SVCS COM STK
Equities	10,369	218,785.90	DISCOVERY INC -A
Equities	11,800	227,268.00	DISCOVERY INC COM USD0.01 SERIES C
Equities	45,700	1,577,107.00	DISH NETWORK CORP CL A COM STK
Equities	17,674	78,207.45	DIVERSIFIED HEALTHCARE TR SHS OF BENEFICIAL INTEREST USD0.01
Equities	132	124.08	DIXIE GROUP INC CL A CL A
Equities	784	21,638.40	DMC GLOBAL INC COM
Equities	39,051	6,724,972.71	DOCUSIGN INC COM
Equities	4,959	326,649.33	DOLBY LABORATORIES INC CL A COM STK
Equities	59,741	11,381,257.91	DOLLAR GEN CORP NEW COM
Equities	21,242	1,968,708.56	DOLLAR TREE INC COM STK
Equities	63,192	2,095,264.85	DOLLARAMA INC COM STK NPV
Equities	131,002	10,634,742.36	Dominion ENERGY INC COM STK NPV
Equities	2,783	1,028,151.52	DOMINOS PIZZA INC COM
Equities	593	19,076.81	DOMO INC CL B CL B
Equities	1,875	39,581.25	DOMTAR CORP COM NEW COM NEW
Equities	8,759	407,468.68	DONALDSON INC COM
Equities	867	12,328.74	DONEGAL GROUP INC CL A NEW CLA
Equities	2,368	19,891.20	DONNELLEY FINL SOLUTIONS INC COM
Equities	4,783	5,691.77	DONNELLEY R R & SONS CO COM NEW COM NEW
Equities	2,607	20,178.18	DORIAN LPG LIMITED COM USD0.01
Equities	2,012	134,944.84	DORMAN PRODS INC COM
Equities	1,502	52,750.24	DOUGLAS DYNAMICS INC COM
Equities	13,246	406,122.36	DOUGLAS EMMETT INC COM REIT
Equities	484	-	DOVA PHARMACEUTICALS INCOM
Equities	70,244	6,782,760.64	DOVER CORP COM USD1.00
Equities	15,500	24,025.00	DOVER MOTORSPORTS INC COM
Equities	56,047	2,284,475.72	DOW INC COM USD0.01 WI
Equities	26,224	781,212.96	DRIL-QUIP INC COM
Equities	5,125	9,481.25	DRIVE SHACK INC COM
Equities	9,068	197,410.36	DROPBOX INC CL A CLA
Equities	3,221	51,149.48	DSP GROUPS INC COM
Equities	13,538	1,455,335.00	DTE ENERGY CO COM
Equities	991	34,556.17	DUCOMMUN INC DEL COM
Equities	312,870	24,995,184.30	DUKE ENERGY CORP NEW COM NEW COM NEW
Equities	28,403	1,005,182.17	DUKE RLTY CORP COM NEW REIT
Equities	441	3,250.17	DULUTH HLDGS INC COM CL B COM CL B
Equities	5,697	371,615.31	DUNKIN BRANDS GROUP INC COM
Equities	366,799	19,488,030.87	DUPONT DE NEMOURS INC COMMON STOCK
Equities	16,600	38,512.00	DURECT CORP COM
Equities	25,000	907,224.44	DWS GROUP SE NPV
Equities	19,909	328,498.50	DXC TECHNOLOGY CO COM
Equities	1,248	24,847.68	DXP ENTERPRISES INC COM NEW STK
Equities	28,141	1,150,685.49	DYCOM INDS INC COM
Equities	11,267	457,440.20	DYNATRACE INC COM
Equities	141	124.08	DYNATRONICS CORP COM NEW COM NEW
Equities	5,170	45,857.90	DYNAVAX TECHNOLOGIES CORP COM NEW COM NEW

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Equities	1,076	15,386.80	DYNEX CAPITAL INC COM
Equities	1,784	34,020.88	E L F BEAUTY INC COM
Equities	31,784	1,580,618.32	E TRADE FINL CORP FORMERLY E TRADE GROUPINC TO 10/01/2003 COM NEW COM NEW
Equities	113,776	1,279,791.99	E.ON SE NPV
Equities	2,356	77,159.00	EAGLE BANCORP INC MD COM
Equities	5,093	11,153.67	EAGLE BULK SHIPPING INC COM STK
Equities	3,045	213,819.90	EAGLE MATLS INC COM
Equities	13,075	627,338.50	EAGLE PHARMACEUTICALS INC COM
Equities	1,483	4,211.72	EARTHSTONE ENERGY INC COM USD0.10 CL A
Equities	10,502	380,592.48	EAST WEST BANCORP INC COM
Equities	6,018	139,136.16	EASTERLY GOVERNMENT PROPERTI COMMON STOCK
Equities	3,022	358,439.42	EASTGROUP PPTYS INC REIT
Equities	39,199	2,729,818.36	EASTMAN CHEM CO COM
Equities	2,642	5,891.66	EASTMAN KODAK CO COM
Equities	414	7,398.18	EASTN CO COM
Equities	41,015	3,587,992.20	EATON CORP PLC COM USD0.50
Equities	52,564	2,028,970.40	EATON VANCE CORP COM NON VTG
Equities	126,026	6,610,063.70	EBAY INC COM USD0.001
Equities	1,542	34,479.12	EBIX INC FORMERLY EBIX COM INC TO 01/02/2004 COM NEW COM NEW
Equities	47,877	666,037.92	EBOS GROUP LIMITED NPV
Equities	2,324	50,244.88	ECHO GLOBAL LOGISTICS INC COM
Equities	3,494	97,692.24	ECHOSTAR CORPORATION
Equities	19,412	3,862,017.40	ECOLAB INC COM STK USD1
Equities	38,900	62,548.46	ECOSYNTHETIX INC COMMON STOCK
Equities	82,160	3,592,382.80	EDENRED EUR2
Equities	56,000	516,379.46	EDF EUR0.5
Equities	3,712	115,665.92	EDGEWELL PERS CARE CO COM
Equities	75,835	4,118,598.85	EDISON INTL COM
Equities	3,837	113,498.46	EDITAS MEDICINE INC COM
Equities	600,140	1,903,991.91	EDP ENERGIAS BR COM NPY
Equities	332	3,193.84	EDUCATIONAL DEV CORP COM
Equities	111,741	7,722,420.51	EDWARDS LIFESCIENCES CORP COM
Equities	799	8,876.89	EGAIN CORPORATION COM NEW
Equities	1,519	149,226.56	EHEALTH INC COM STK
Equities	649	30,937.83	EIDOS THERAPEUTICS INC COM
Equities	17,680	1,616,383.61	EIFFAGE EUR4
Equities	1,051	10,089.60	EIGER BIOPHARMACEUTICALS INC COM
Equities	50,900	4,031,991.47	EISAI CO NPV
Equities	66	554.40	EKSO BIONICS HLDGS INC COM PAR \$0.001 COM PAR \$0.001
Equities	2,011	29,682.36	EL POLLO LOCO HLDGS INC COM
Equities	1,854	-	ELANCO ANIMAL HEALTH INC
Equities	74,542	1,598,925.90	ELANCO ANIMAL HEALTH INC COM
Equities	1,073	98,941.33	ELASTIC N V COM USD0.01
Equities	53,092	7,010,798.60	ELECTR ARTS COM
Equities	7,785	84,467.25	ELEMENT SOLUTION INC COM
Equities	1,434	2,122.32	ELEVATE CR INC COM
Equities	103,281	16,956,674.58	ELI LILLY & CO COM
Equities	2,660	31,334.80	ELLINGTON FINL LLC COM NPY
Equities	513	5,283.90	ELLINGTON RESIDENTIAL MTG REIT COM SHS BEN INT COM SHS BEN INT
Equities	427	4,504.85	ELMIRA SAVINGS BANK ELMIRA NY
Equities	1,340	4,060.20	ELOXX PHARMACEUTICALS INC COM
Equities	170	134.15	EMAGIN CORP COM NEW STK
Equities	10,275	679,588.50	EMCOR GROUP INC COM
Equities	3,425	10,891.50	EMCORE CORP COM STK
Equities	1,727	5,319.16	EMERALD HOLDING INC COM USD0.01
Equities	20,267	1,602,714.36	EMERGENT BIOSOLUTIONS INC COM
Equities	48,798	3,026,939.94	EMERSON ELECTRIC CO COM
Equities	5,300	3,551.00	EMERSON RADIO CORP COM NEW COM NEW
Equities	10,339	72,373.00	EMPIRE ST RLTY TR INC CL A CL A
Equities	2,596	78,269.40	EMPLOYERS HLDGS INC COM
Equities	3,208	161,073.68	ENANTA PHARMACEUTICALS INC COM
Equities	30,000	522,300.00	ENBRIDGE INC 4% CUM RED PFD SHS SER 1
Equities	22,982	699,112.44	ENBRIDGE INC COM
Equities	7,161	443,480.73	ENCOMPASS HEALTH CORP COM USD0.01
Equities	1,874	64,053.32	ENCORE CAP GROUP INC COM
Equities	16,607	810,753.74	ENCORE WIRE CORP COM
Equities	15,298	52,472.14	ENDO INTL LTD COM STK
Equities	918	738.07	ENDOLOGIX INC COM USD0.001
Equities	3,564	14,362.92	ENDURANCE INTL GROUP HLDGS INC COM
Equities	1,795,046	15,479,661.65	ENEL SPA EUR1
Equities	4,163	197,700.87	ENERGIZER HLDGS INC NEW COM
Equities	1,637	4,616.34	ENERGOUS CORP COM USD0.001
Equities	2,316	17,590.02	ENERGY RECOVERY INC COM
Equities	3,848	67,724.80	ENERPAC TOOL GROUP CORP CL A COM CL A COM
Equities	3,294	212,067.72	ENERSYS COM
Equities	347,385	4,291,820.21	ENGIE COMSTK
Equities	337	347.11	ENGLOBAL CORP COM
Equities	3,105	56,324.70	ENNIS INC COM
Equities	1,487	22,111.69	ENOVA INTL INC COM
Equities	7,178	341,457.46	ENPHASE ENERGY INC COM
Equities	1,420	69,991.80	ENPRO INDS INC COM
Equities	3,463	144,926.55	ENSIGN GROUP INC COM STK
Equities	1,150	175,685.50	ENSTAR GROUP LIMITED COM
Equities	9,687	572,017.35	ENTEGRIS INC COM
Equities	9,579	13,219.02	ENTERCOM MUNICATIONS CORP CL A CL A
Equities	18,664	1,750,869.84	ENTERGY CORP NEW COM
Equities	878	20,913.96	ENTERPRISE BANCORP INC MASS CDT-COM CDT-COM
Equities	2,204	68,588.48	ENTERPRISE FINL SVCS CORP COM STK
Equities	7,915	11,318.45	ENTRAVISION COMMUNICATIONS CORP CL A CL A
Equities	3,871	284,673.34	ENVESTNET INC COM STK
Equities	400	-	ENVISION DEV CORP COM ISIN# US29410N1028

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Equities	46,558	981,908.22	ENVISTA HLDGS CORP COM
Equities	5,931	13,285.44	ENZO BIOCHEM INC COM
Equities	65,445	3,315,443.70	EOG RESOURCES INC COM
Equities	4,140	1,043,321.40	EPAM SYS INC COM STK
Equities	6,104	98,030.24	EPIZYME INC COM
Equities	930	65,732.40	EPLUS INC COM
Equities	5,355	177,411.15	EPR PPTYS COM SH BEN INT COM SH BEN INT
Equities	36,122	429,851.80	EQT CORP COM
Equities	14,147	883,904.56	EQTY LIFESTYLE PPTYS INC REIT
Equities	116,083	6,828,002.06	EQTY RESDNTL EFF 5/15/02
Equities	601,100	2,541,986.96	EQUATORIAL ENERGIA COM NPV
Equities	72,315	12,429,502.20	EQUIFAX INC COM
Equities	11,078	7,780,079.40	EQUINIX INC COM PAR \$0.001
Equities	39,517	559,554.49	EQUINOR ASA NOK2.50
Equities	195,133	3,764,115.57	EQUITABLE HLDGS INC COM
Equities	13,726	114,063.06	EQUITRANS MIDSTREAM CORP COM NPV WI
Equities	1,422	24,799.68	EQUITY BANCSHARES INC COM CL A COM CL A
Equities	9,146	294,501.20	EQUITY COMMONWEALTH USD0.01(BNF INT)
Equities	50,000	-	EQUITY COMWLTH
Equities	267,045	2,469,621.29	ERICSSON SER'B'NPV
Equities	1,393	267,316.70	ERIE INDTY CO CL A
Equities	34,142	803,361.02	ERSTE GROUP BANK AG NPV
Equities	100	-	ESC ADEPTUS HEALTH INC ESCROW
Equities	7,400	-	ESC ADOLOR CORP COM
Equities	2,700	-	ESC CALAMOS ASST MNGMT ESCROW
Equities	2,100	-	ESC MOSSIMO, INC.
Equities	5,292	11,483.64	ESC NII HLDGS INC BE+ ESCROW
Equities	602	8,403.92	ESCALADE INC COM
Equities	1,738	146,913.14	ESCO TECHNOLOGIES INC
Equities	4,400	-	ESCROW AMBASSADORS GROUP INC ESCROW
Equities	1,400	-	ESCROW FOR IGO CORP
Equities	960	-	ESCROW NEW YORK REIT INC
Equities	2,000	-	ESCROW PENSON WORLDWIDE INC 709ESC107 ESCROW
Equities	1,600	-	ESCROW PETROCORP INC
Equities	1,681	86,252.11	ESPERION THERAPEUTICS INC NEW COM
Equities	400	6,927.92	ESPEY MFG & ELECTRS CORP COM
Equities	493	8,331.70	ESQUIRE FINL HLDGS INC COM
Equities	102,000	241,100.84	ESR CAYMAN LIMITED USD0.001
Equities	436	6,069.12	ESSA BANCORP INC COM STK
Equities	10,269	372,456.63	ESSENTE GROUP LTD COM STK
Equities	6,488	96,281.92	ESSENTIAL PROPERTIES REALTY TR INC USD0.01
Equities	16,305	688,723.20	ESSENTIAL UTILS INC COM
Equities	26,501	6,073,234.17	ESSEX PPTY TR REIT
Equities	11,240	1,442,315.58	ESSILORLUXOTTICA EUR 0.18
Equities	99,260	3,207,932.68	ESSITY AB SER'B'NPV
Equities	64,301	12,132,312.68	ESTEE LAUDER COMPANIES INC CL A USD0.01
Equities	2,052	24,275.16	ETHAN ALLEN INTERIORS INC COM
Equities	8,771	931,743.33	ETSY INC COM
Equities	-77	(72,818.31)	EURO STOXX 50 3075 P/OPT 21/08/2020
Equities	-230	(273,823.98)	EURO STOXX 50 3150 P/OPT 21/08/2020
Equities	-459	(685,649.40)	EURO STOXX 50 3225 P/OPT 21/08/2020
Equities	-766	(801,830.29)	EURO STOXX 50 3300 C/OPT 21/08/2020
Equities	4,044	387,496.08	EURONET WORLDWIDE INC COM
Equities	27,019	2,708,415.37	EURONEXT EUR1.60
Equities	366	8,513.16	EVANS BANCORP INC COM NEW COM NEW
Equities	1,624	13,917.68	EVENTBRITE INC COM CL A
Equities	2,418	334,554.48	EVERBRIDGE INC COM
Equities	18,877	1,112,232.84	EVERCORE INC
Equities	2,803	577,978.60	EVEREST RE GROUP COM
Equities	16,973	1,006,329.17	EVERY INC COM NPV
Equities	6,280	32,404.80	EVERI HLDGS INC COM
Equities	335	19,483.60	EVERQUOTE INC CL A COM CL A COM
Equities	24,849	2,069,176.23	EVERSOURCE ENERGY COM
Equities	44,063	1,238,170.30	EVERTEC INC COM
Equities	446	9,682.66	EVI INDs INC COM
Equities	1,785	40,751.55	EVO PMTS INC CL A COM CL A COM
Equities	1,092	3,090.36	EVOFEM BIOSCIENCES INC COM USD0.001
Equities	5,126	36,497.12	EVOLENTH INC CL A CL A
Equities	672	3,561.60	EVOLUS INC COM
Equities	2,912	8,153.60	EVOLUTION PETE CORP COM STK
Equities	129	140.61	EVOLVING SYSTEMS INC COM NEW
Equities	5,168	96,124.80	EVOQUA WATER TECHNOLOGIES CORP COM
Equities	415,290	1,479,873.64	EVRASZ PLC ORD USD0.5
Equities	120,072	10,439,059.68	EXACT SCIENCES CORP COM
Equities	1,586	4,202.90	EXANTAS CAP CORP COM
Equities	1,993	1,104.52	EXELA TECHNOLOGIES INC COM
Equities	22,379	531,277.46	EXELIXIS INC COM STK
Equities	180,087	6,535,357.23	EXELON CORP COM
Equities	2,482	157,358.80	EXLSERVICE COM INC COM STK
Equities	610	5,215.50	EXONE CO COM
Equities	1,349	23,000.45	EXP WORLD HOLDINGS INC
Equities	10,217	839,837.40	EXPEDIA GROUP INC COM USD0.001
Equities	12,638	960,993.52	EXPEDITORS INTL WASH INC COM
Equities	204,830	7,134,549.31	EXPERIAN ORD USD0.10
Equities	3,554	287,625.22	EXPONENT INC COM STK
Equities	4,651	7,162.54	EXPRESS INC COM
Equities	13,881	155,328.39	EXTENDED STAY AMER INC PAIRED SHS COMPRISED 1 COM 1 CL B COM
Equities	2,826	15,232.14	EXTERRAN CORP COM
Equities	10,071	930,258.27	EXTRA SPACE STORAGE INC COM
Equities	7,671	33,292.14	EXTREME NETWORKS INC COM
Equities	731,250	32,701,500.00	EXXON MOBIL CORP COM

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Equities	5,598	35,267.40	EZCORP INC CL A NON VTG CL A NON VTG
Equities	23,024	172,680.00	F N B CORP PA COM
Equities	4,576	638,260.48	F5 NETWORKS INC COM STK
Equities	1,317	82,207.14	FABRINET COM USD0.01
Equities	370,305	84,085,156.35	FACEBOOK INC COM USD0.000006 CL 'A'
Equities	2,790	916,431.30	FACTSET RESH SYS INC COM STK
Equities	2,115	884,154.60	FAIR ISAAC CORPORATION COM
Equities	1,813	5,801.60	FALCON MINERALS CORP
Equities	278,100	8,235,894.70	FANCL CORP NPV
Equities	6,005	1,072,033.18	FANUC CORP NPV
Equities	546,540	1,259,628.87	FAR EASTONE TELECO TWD10
Equities	924	19,625.76	FARMERS & MERCHANTS BANCORP INC CDT-COM STK
Equities	889	10,543.54	FARMERS NATL BANC CORP COM
Equities	2,194	15,028.90	FARMLAND PARTNERS INC COM
Equities	1,176	63,033.60	FARO TECHNOLOGIES INC COM
Equities	43,385	1,858,613.40	FASTENAL CO COM
Equities	1,169	99,516.97	FASTLY INC CL A CL A
Equities	5,459	187,298.29	FATE THERAPEUTICS INC COM
Equities	1,256	31,111.12	FB FINL CORP COM
Equities	1,260	45,221.40	FBL FINL GROUP INC CL A CL A
Equities	746	47,751.46	FEDERAL AGRIC MTG CORP CL C
Equities	14,350	6,457.50	FEDERAL MOGUL CORP COM
Equities	5,650	481,436.50	FEDERAL RLTY INVT TR SH BEN INT NEW SH BEN INT NEW
Equities	4,856	144,368.88	FEDERAL SIGNAL CORP COM
Equities	6,657	157,770.90	FEDERATED HERMES INC COM NPV CLASS B
Equities	39,295	5,509,944.90	FEDEX CORP COM
Equities	877	9,708.39	FEDNAT HLDG CO COMSTK
Equities	19,760	1,614,349.96	FERGUSON PLC ORD GBP0.10
Equities	77,169	13,196,670.69	FERRARI N V FERRARI N V COMMON S STOCK
Equities	10,951	1,867,696.68	FERRARI NV COM EURO0.01
Equities	4,564	54,494.16	FERRO CORP COM
Equities	1,400	4.20	FIBERMARK INC COM
Equities	5,605	227,170.65	FIBROGEN INC COM
Equities	323	15,533.07	FIDELITY D & D BANCORP INC COM STK
Equities	22,298	683,659.44	FIDELITY NATL FINL INC NEW FORMERLY FIDELITY COMMON STOCK
Equities	62,109	8,328,195.81	FIDELITY NATL INFORMATION SVCS INC COM STK
Equities	1,000	9,070.00	FIDUS INVT CORP COM
Equities	11,000	740,043.56	FIELMANN AG NPV
Equities	2,647	16,887.86	FIESTA RESTAURANT GROUP INC COM
Equities	5,807	108,068.27	FINANCIAL INSTNS INC COM
Equities	12,750	102.00	FINOVA GROUP INC COM
Equities	15,973	194,471.28	FIREEYE INC COM
Equities	44,917	2,156,914.34	FIRST AMERN FINL CORP COM STK
Equities	534	11,587.80	FIRST BANCORP INC ME COM
Equities	2,391	59,966.28	FIRST BANCORP N C COM
Equities	14,128	78,975.52	FIRST BANCORP P R COM NEW COM NEW
Equities	461	10,372.50	FIRST BANCSHARES INC MISS COM
Equities	924	6,024.48	FIRST BK WILLIAMSTOWN NEW JERSEY COM
Equities	3,809	71,037.85	FIRST BUSEY CORP COM NEW COM NEW
Equities	323	5,313.35	FIRST BUSINESS FINL SVCS INC WIS COM STK
Equities	243	16,881.21	FIRST CAP INC COM
Equities	453	7,420.14	FIRST CHOICE BANCORP COM
Equities	1,279	28,713.55	FIRST CMNTY BANKSHARES
Equities	493	7,468.95	FIRST CMNTY CORP S C COM
Equities	6,822	94,757.58	FIRST FINL BANCORP OHIO COM
Equities	9,574	276,592.86	FIRST FINI BANKSHARES INC COM
Equities	959	35,329.56	FIRST FINL CORP IND COM
Equities	9,750	168,090.00	FIRST HAWAIIAN INC COM
Equities	22,350	222,606.00	FIRST HORIZON NATL CORP COM
Equities	2,705	44,957.10	FIRST INTERNET BANCORP COM STK
Equities	2,544	78,762.24	FIRST INTERSTATE BANCSYS/MT
Equities	1,760	28,758.40	FIRST LONG IS CORP COM
Equities	4,190	115,518.30	FIRST MERCHANTS CORP COM
Equities	352	9,232.96	FIRST MID BANCSHARES INC COM USD4.00
Equities	7,599	101,446.65	FIRST MIDWEST BANCORP INC DEL COM
Equities	559	6,942.78	FIRST NORTHWEST BANCORP COM
Equities	18,258	1,935,165.42	FIRST REP BK SAN FRANCISCO CALIF NEW COM
Equities	5,533	273,883.50	FIRST SOLAR INC COM
Equities	450	6,003.00	FIRST UTD CORP COM
Equities	3,162	213,371.76	FIRSTCASH INC COM
Equities	40,362	1,565,238.36	FIRSTENERGY CORP COM
Equities	624,271	1,367,467.87	FIRSTSTRAND LTD ZAR0.01
Equities	60,898	5,944,862.76	FISERV INC COM
Equities	89,150	2,043,095.20	FISHER & PAYKEL ORD DEFD DELIVERY
Equities	16,807	108,573.22	FITBIT INC CL A CL A
Equities	4,072	435,337.52	FIVE BELOW INC COM USD0.01
Equities	3,042	18,556.20	FIVE PRIME THERAPEUTICS INC COM
Equities	640	2,496.00	FIVE STAR SR LIVING INC FORMERLY FIVE STAR QUALITY CARE INC COM NEW COM NEW
Equities	4,555	504,101.85	FIVE9 INC COM
Equities	2,233	65,717.19	FLAGSTAR BANCORP INC COM PAR\$.001
Equities	27,520	6,922,105.60	FLEETCOR TECHNOLOGIES INC COM
Equities	304,289	3,118,962.25	FLEX LTD COM USD0.01
Equities	2,835	37,280.25	FLEXION THERAPEUTICS INC COM
Equities	503	6,352.89	FLEXSTEEL INDs INC COM
Equities	10,049	407,687.93	FLIR SYS INC COM
Equities	6,028	347,514.20	FLOOR & DECOR HLDGS INC CL A CL A
Equities	3,082	3,698.40	FLOTEK INDs INC DEL COM
Equities	14,614	326,769.04	FLOWERS FOODS INC COM
Equities	21,317	607,960.84	FLOWSERVE CORP COM
Equities	4,602	18,454.02	FLUIDIGM CORP DEL COM STK
Equities	9,869	119,217.52	FLUOR CORP NEW COM

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Equities	2,138	24,629.76	FLUSHING FINL CORP COM	
	106	13,929.31	FLUTTER ENTERTAINMENT PLC	ORD EUR0.09
Equities	33,440	3,331,292.80	FMC CORP COM (NEW)	
Equities	1,294	9,497.96	FMR BROS CO DEL	
Equities	750	4,312.50	FNCB BANCORP INC COM	
Equities	1,726	57,044.30	FOCUS FINL PARTNERS INC CL A CL A	
Equities	454	9,701.98	FONAR CORP COM NEW STK	
Equities	10,358	302,039.28	FOOT LOCKER INC COM	
Equities	291,797	1,774,125.76	FORD MTR CO DEL COM PAR \$0.01 COM PAR \$0.01	
Equities		29,255.20	FORESTAR GROUP INC COM	
Equities	1,940	170,348.64	FORMFACTOR INC COM STK	
Equities	5,808	635,522.68	FORMOSA SUMCO TECH TWD10	
Equities	136,867	1,351,247.49	FORMULA SYST(1985) ILS1	
Equities	17,450	54,564.12	FORRESTER RESH INC COM	
Equities	1,703	1,968.30	FORTE BIOSCIENCES COM	
Equities	135	25,344.36	FORTERRA INC COM	
Equities	2,271	1,317,074.36	FORTESCAPE METALS GRP LTD NPV	
Equities	138,120	1,479,084.25	FORTINET INC COM	
Equities	10,775	6,319,714.64	FORTIVE CORP COM MON STOCK	
Equities	93,404	265,815.92	FORTUM OYJ EUR3.40	
Equities	14,000	655,921.80	FORTUNE BRANDS HOME & SEC INC COM	
Equities	10,260	2,022.09	FORUM ENERGY TECH COM USD0.01	
Equities	3,829	120,763.68	FORWARD AIR CORP COM	
Equities	2,424	41,961.60	FOSSIL GROUP INC COM	
Equities	9,024	9,002.85	FOSTER L B CO CL A	
Equities	705	27,192.62	FOUNDATION BLDG MATLS INC COM	
Equities	1,742	106,164.40	FOUR CORNERS PPTY TR INC COM	
Equities	4,351	660,362.04	FOX CORP CL A CL A	
Equities	24,622	152,290.16	FOX CORP CL B CL B	
Equities	5,674	201,155.35	FOX FACTORY HLDG CORP COM	
Equities	2,435	504.35	FRANCESCAS HLDGS CORP COM NEW	
Equities	131	2,005,110.13	FRANCO NEVADA CORP COM NPV	
Equities	14,400	14,980.00	FRANKLIN COVEY CO COM	
Equities	700	142,801.88	FRANKLIN ELEC INC COM	
Equities	2,719	476,770.12	FRANKLIN STR PPTYS CORP COM	
Equities	93,668	7,477.19	FRANKS INTERNATIONAL NVRYSH0 EUR0.01	
Equities	3,353	108,886	FREEPORT-MCMORAN INC	
Equities		1,227	1,521.48	FREIGHTCAR AMER INC COM
Equities		1,700	14,892.00	FREQUENCY ELECTRS INC COM
Equities		1,058	24,598.50	FREQUENCY THERAPEUTICS INC COM
Equities		7,722	661,747.19	FRESENIUS MEDICAL CARE NPV
Equities		2,380	58,595.60	FRESH DEL MONTE PRODUCE INC COM STK
Equities		2,720	227,555.20	FRESHPET INC COM
Equities		4,645	23,457.25	FRIEDMAN IND INC COM
Equities		22,083	463,080.51	FRKLN RES INC COM
Equities		3,784	32,920.80	FRONT YARD RESIDENTIAL
Equities		6,102	270,501.66	FRONTDOOR INC COM
Equities		255	10,347.90	FRP HLDGS INC COM
Equities		76	2,931.32	FS BANCORP INC COM USD0.01
Equities		5,381	75,334.00	FS KKR CAP CORP COM NEW COM NEW
Equities		7,607	871,381.85	FTI CONSULTING INC COM
Equities		61	420.90	FTS INTERNATIONAL INC COM USD0.01
Equities		-18	(30,469.90)	FTSE 100 INDEX 5850 P/OPT 21/08/2020
Equities		-54	(119,099.48)	FTSE 100 INDEX 6000 P/OPT 21/08/2020
Equities		-109	(313,805.33)	FTSE 100 INDEX 6150 P/OPT 21/08/2020
Equities		-181	(377,957.69)	FTSE 100 INDEX 6275 C/OPT 21/08/2020
Equities		8,590	19,413.40	FUELCELL ENERGY INC COM USD0.0001(POST REV SPLIT)
Equities		25,400	1,085,359.41	FUJIFILM HOLDINGS CORP NPV
Equities		42,400	4,959,799.78	FUJITSU Y50
Equities		1,400	1,862.00	FULL HSE RESORTS INC COM
Equities		3,527	157,304.20	FULLER H B CO COM
Equities		12,287	129,382.11	FULTON FINL CORP PA COM
Equities		1,070	6,206.00	FUNKO INC CL A CL A
Equities		-68	(286,786.86)	FUT CALL AUG 20 NIKKEI-225 22875
Equities		18	2,815,617.16	FUT JUL 20 HANG SENG INDX
Equities		-18	(2,815,617.16)	FUT JUL 20 HKE HANG SENG
Equities		-7	(28,873.34)	FUT PUT AUG 20 NIKKEI-225 21250
Equities		-20	(113,083.38)	FUT PUT AUG 20 NIKKEI-225 21875
Equities		-41	(304,027.44)	FUT PUT AUG 20 NIKKEI-225 22375
Equities		0	-	FUT SEP 20 CME EMINIRUS2K
Equities		0	-	FUT SEP 20 EMINI S&P 500
Equities		0	-	FUT SEP 20 EURX E-STXX 50
Equities		0	-	FUT SEP 20 FTSE 100
Equities		0	-	FUT SEP 20 ICUS MSCI EAF
Equities		0	-	FUT SEP 20 ICUS MSCI EMG
Equities		0	-	FUT SEP 20 ME S&P CAN 60
Equities		0	-	FUT SEP 20 OSE NIKKEI 225
Equities		992	11,854.40	FUTUREFUEL CORP COM STK
Equities		461	4,960.36	FVCBANKCORP INC COM
Equities		326	423.80	FWD INDS INC N Y COM NEW
Equities		1,916	46,482.16	G1 THERAPEUTICS IN COM USD0.0001
Equities		1,900	15,922.00	GAIA INC NEW CL A CL A
Equities		3,814	11,670.84	GALECTIN THERAPEUTICS INC COM NEW
Equities		14,171	1,381,530.79	GALLAGHER ARTHUR J & CO COM
Equities		860	11,446.60	GAMCO INV'S INC COM
Equities		7,482	32,471.88	GAMESTOP CORP NEW CL A
Equities		15,580	539,084.96	GAMING & LEISURE PPTYS INC COM
Equities		5,135	7,086.30	GANNETT CO INC NEW COM
Equities		17,287	218,161.94	GAP INC COM
Equities		5,119	499,102.50	GARMIN LTD COMMON STOCK
Equities		3,143	17,412.22	GARRETT MOTION INC COM

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Equities	6,692	811,940.36	GARTNER INC COM
Equities	3,777	38,827.56	GATES INDL CORP PL COM USD0.01
Equities	34,193	2,085,089.14	GATX CORP COM
Equities	6,540	465,124.80	GCI LIBERTY INC COM NPV CL A
Equities	4,711	87,530.38	GCP APPLIED TECHNOLOGIES INC COM
Equities	1,218,870	1,867,484.37	GCP STUDENT LIVING ORD GBP0.01
Equities	6,245	771,547.91	GECINA EUR7.50
Equities	47	25.71	GEE GROUP INC GEE GROUP INC
Equities	113,095	2,861,303.50	GEN MTRS CO COM
Equities	1,345	6,536.70	GENASYS INC COM
Equities	261	1,639.08	GENCO SERIES A PFD STOCK
Equities	2,231	272,025.83	GENERAC HLDGS INC COM STK
Equities	31,610	4,724,430.60	GENERAL DYNAMICS CORP COM
Equities	1,166,512	7,967,276.96	GENERAL ELECTRIC CO
Equities	873	5,857.83	GENERAL FIN CORP DEL COM
Equities	138,367	8,530,325.55	GENERAL MILLS INC COM
Equities	4,209	845.59	GENERAL MOLY INC COM STK
Equities	998	21,616.68	GENESCO INC COM
Equities	4,402	3,037.82	GENESIS HEALTHCARE INC CL A COM CL A COM
Equities	1,500	11,040.00	GENIE ENERGY LTD CL B CL B
Equities	8,740	2,923,891.83	GENMAB AS DKK1
Equities	3,930	57,810.30	GENMARK DIAGNOSTICS INC COM STK
Equities	87,184	3,183,959.68	GENPACT LIMITED COM STK USD0.01
Equities	19,488	502,205.76	GENTEX CORP COM
Equities	2,324	90,403.60	GENTHERM INC COM NPV
Equities	771,000	420,027.96	GENTING SINGAPORE LTD
Equities	45,898	3,991,290.08	GENUINE PARTS CO COM
Equities	75	-	GENVEC INC CPR
Equities	37,727	87,149.37	GENWORTH FINL INC COM CL A COM CL A
Equities	8,924	105,570.92	GEO GROUP INC (THE) COM USD0.01 NEW
Equities	1,056	7,941.12	GEOSPACE TECHNOLOGIES CORP COM
Equities	1,903	59,183.30	GERMAN AMERICAN BANCORP INC COM
Equities	14,642	31,919.56	GERON CORP COM
Equities	2,170	64,405.60	GETTY RLTY CORP NEW COM
Equities	2,207	105,958.07	GIBRALTAR INDs INC COM
Equities	3,159	41,983.11	G-III APPAREL GROUP LTD COM
Equities	200,190	15,402,618.60	GILEAD SCIENCES INC
Equities	120	446,794.36	GIVAUDAN SA CHF10
Equities	18,812	663,875.48	GLACIER BANCORP INC NEW COM
Equities	1,159	8,472.29	GLADSTONE CAP CORP COM
Equities	2,491	46,706.25	GLADSTONE COML CORP COM STK
Equities	1,342	13,742.08	GLADSTONE INVT CORP COM STK
Equities	1,642	26,042.12	GLADSTONE LAND CORP COM USD0.001
Equities	3,767	60,460.35	GLATFELTER
Equities	2,566	98,585.72	GLAUKOS CORP COM
Equities	995,519	20,131,215.74	GLAXOSMITHKLINE ORD GBP0.25
Equities	317,509	671,720.24	GLENCORE PLC ORD USD0.01
Equities	4,048	255,550.24	GLOBAL BLOOD THERAPEUTICS INC COM
Equities	290	1,374.60	GLOBAL EAGLE ENTMT INC FORMERLY GLOBAL COM NEW
Equities	201	4,811.94	GLOBAL INDEMNITY LIMITED CAYMAN LTD
Equities	2,220	25,152.60	GLOBAL MED REIT INC COM NEW COM NEW
Equities	6,475	108,326.75	GLOBAL NET LEASE INC COM NEW COMN STOCK
Equities	111,342	18,885,830.04	GLOBAL PMTS INC COM
Equities	14,520	4,742.23	GLOBALSTAR INC COM
Equities	77,177	1,054,155.50	GLOBALWAFERS CO LT TWD10
Equities	7,788	578,103.24	GLOBE LIFE INC COM
Equities	5,210	248,569.10	GLOBUS MED INC CL A NEW COM STK
Equities	8,517	78,952.59	GLU MOBILE INC COM
Equities	3,096	11,640.96	GLYCOMIMETICS INC COM
Equities	7,300	760,550.59	GMO PAYMENT GATEWA NPV
Equities	2,940	72,294.60	GMS INC COM
Equities	4,262	2,344.10	GNC HLDGS INC COM CL A
Equities	8,761	642,444.13	GODADDY INC CL A CL A
Equities	5,471	17,288.36	GOGO INC COM
Equities	1,547	6,358.17	GOLD RESOURCE CORP COM
Equities	1,929	17,206.68	GOLDEN ENTMT INC COM
Equities	1,625	26,373.75	GOLDMAN SACHS BDC INC COM SHS
Equities	43,258	8,548,645.96	GOLDMAN SACHS GROUP INC COM
Equities	5,483	63,876.95	GOLUB CAPITAL BDC INC COM
Equities	326,797	3,341,246.11	GOODMAN GROUP NPV
Equities	1,808,220	2,363,004.59	GOODMAN PROPERTY UNIT NZD
Equities	854	6,148.80	GOODRICH PETE CORP COM PAR \$ COM PAR \$
Equities	16,558	148,111.32	GOODYEAR TIRE & RUBBER CO COM
Equities	743	55,843.88	GOOSEHEAD INS INC COM CL A COM CL A
Equities	7,874	37,480.24	GOPRO INC CL A CL A
Equities	1,517	47,148.36	GORMAN RUPP CO COM
Equities	2,217	28,821.00	GOSSAMER BIO INC COM USD0.0001
Equities	933	8,005.14	GP STRATEGIES CORP COM STK
Equities	4,543	230,829.83	GRACE W R & CO DEL NEW COM STK
Equities	12,442	597,091.58	GRACO INC COM
Equities	4,073	32,502.54	GRAFTECH INTL LTD COM
Equities	938	11,950.12	GRAHAM CORP COM STK
Equities	376	128,843.92	GRAHAM HLDGS CO COM CL B COM
Equities	3,605	1,132,546.80	GRAINGER W W INC COM
Equities	3,605	326,360.65	GRAND CANYON ED INC COM STK
Equities	3,589	68,693.46	GRANITE CONST INC COM
Equities	3,735	26,817.30	GRANITE PT MTG TR INC COM
Equities	20,968	293,342.32	GRAPHIC PACKAGING HLDG CO COM STK
Equities	5,025	70,098.75	GRAY T.V INC COM CL B
Equities	457	4,204.40	GREAT AJAX CORP COM USD0.01
Equities	1,037	2,416.21	GREAT ELM CAP GROUP INC COM NEW COM NEW

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Equities	4,188	38,780.88	GREAT LAKES DREDGE & DOCK CORP NEW COM
Equities	6,187	249,707.32	GREAT SOUTN BANCORP INC COM
Equities	28,110	491,202.64	GREAT WEST LIFEKO COM NPY
Equities	3,790	52,150.40	GREAT WESTN BANCORP INC COM
Equities	3,358	39,792.30	GREEN BRICK PARTNERS INC COM
Equities	3,087	151,509.96	GREEN DOT CORP COM STK
Equities	2,702	27,600.93	GREEN PLAINS INC COM STK
Equities	2,052	46,683.00	GREENBRIER COS INC COM STK
Equities	2,348	23,456.52	GREENHILL & CO INC COM
Equities	1,047	6,826.44	GREENLIGHT CAPITAL RE LTD CLASS A
Equities	1,811	8,873.90	GREENSKY INC CL A
Equities	275	11,503.25	GREIF INC
Equities	9,183	315,987.03	GREIF INC.
Equities	895	48,482.15	GRIFFIN INDUSTRIAL REALTY INC. COM USD0.01
Equities	2,815	52,133.80	GRIFFON CORP COM
Equities	16,814	510,451.94	GRIFOLS SA
Equities	564	3,744.96	GRITSTONE ONCOLOGY INC COM
Equities	4,417	180,213.60	GROCERY OUTLET HLDG CORP COM
Equities	8,189	540,228.33	GROUP 1 AUTOMOTIVE INC COM
Equities	1,644	29,789.28	GROUPON INC COM NEW COM NEW
Equities	6,030	423,909.00	GRUBHUB INC COM
Equities	508,960	1,755,930.72	GRUPO FINANCIERO BANORTE S A B DE C V
Equities	101	102.01	GSE SYS INC COM STK
Equities	1,427	11,644.32	GTT COMMUNICATIONS INC COM
Equities	201	837.17	GTY TECHNOLOGY HOLDINGS INC COM USD0.0001 CLASS A
Equities	779	20,152.73	GUARANTY BANSHARES INC TEX COM USD1.00
Equities	4,852	393,643	GUARDANT HEALTH INC COM
Equities	3,405	32,926	GUESS INC COM
Equities	18,448	2,044,960.80	GUIDEWIRE SOFTWARE INC COM USD0.0001
Equities	2,541	7,800.87	GULF IS FABRICATION INC COM
Equities	12,244	13,346	GULFPORT ENERGY CORP COM NEW COM NEW
Equities	1,175	9,012.25	GWG HLDGS INC COM
Equities	2,393	44,222.64	H & E EQUIP SVCS INC COM
Equities	5,500	206,707.40	H.LUNDBECK A/S DKK5
Equities	1,736	23,505.44	HACKETT GROUP INC COM STK
Equities	3,711	332,357.16	HAEMONETICS CORP MASS COM
Equities	6,924	218,175.24	HAIN CELESTIAL GROUP INC COM
Equities	121,431	1,576,174.38	HALLIBURTON CO COM
Equities	2,993	10,445.57	HALLMARK FINL SVCS INC COM NEW COM NEW
Equities	8,849	237,241.69	HALOZYME THERAPEUTICS INC COM
Equities	201,300	8,713,639.52	HAMAMATSU PHOTONIC NPV
Equities	2,100	0.02	HAMILTON BANCORP INC FLA COM
Equities	839	9,984.10	HAMILTON BEACH BRANDS HLDG CO COM USD0.01 CL A WI
Equities	20,108	1,354,675.96	HAMILTON LANE INC CL A CL A
Equities	14,499	325,454.55	HANA FINANCIAL GRP KRW5000
Equities	6,321	134,005.20	HANCOCK WHITNEY CORP
Equities	27,121	306,196.09	HANESBRANDS INC COM STK
Equities	155,400	2,608,563.37	HANG SENG BANK NPV
Equities	2,189	36,249.84	HANGER INC COM
Equities	12,314	252,350.75	HANKOOK TIRE & TECHNOLOGY CO LTD
Equities	1,928	18,720.88	HANNI FINL CORP COM NEW COM NEW
Equities	5,260	149,699.60	HANNON ARMSTRONG SUSTAINABLE INFRASTRUCTURE CAP INC COM
Equities	33,950	5,849,286.74	HANNOVER RUECK SE ORD NPV(REGD)
Equities	20,420	2,069,158.60	HANOVER INS GROUP INC COM
Equities	2,492	21,281.68	HARBORONE NORTHEAST BANCORP INC COM
Equities	11,733	278,893.41	HARLEY DAVIDSON COM USD0.01
Equities	98,700	5,406,840.62	HARMONIC DRIVE SYS NPV
Equities	8,430	40,042.50	HARMONIC INC COM
Equities	854	4,449.34	HARROW HEALTH INC COM USD0.001
Equities	137,613	1,859,151.63	HARSCO CORP COM
Equities	690	2,097.60	HARTE HANKS INC COM NEW COM NEW
Equities	189,470	7,304,068.50	HARTFORD FINL SVCS GROUP INC COM
Equities	2,412	7,477.20	HARVARD BIOSCIENCE INC COM
Equities	283,000	689,753.08	HARVEY NORMAN HLDG NPV
Equities	9,249	693,212.55	HASBRO INC COM
Equities	216,500	2,725,188.86	HASEKO CORPORATION NPV
Equities	820	13,120.00	HAVERTY FURNITURE COS INC COM STK
Equities	8,016	289,056.96	HAWAIIAN ELEC INDS INC COM
Equities	3,246	45,573.84	HAWAIIAN HOLDINGS INC COM
Equities	291	12,390.78	HAWKINS INC COM
Equities	879	20,533.44	HAYNES INTL INC COM NEW COM NEW
Equities	1,041	3,476.94	HC2 HLDGS INC COM
Equities	62,074	6,024,902.44	HCA HEALTHCARE INC COM
Equities	656	30,294.08	HCI GROUP INC COM NPV
Equities	12,110	419,611.50	HD SUPPLY HLDGS INC. COM
Equities	1,854	54,081.18	HEALTH CATALYST INC COM
Equities	10,436	305,670.44	HEALTHCARE RLTY TR
Equities	4,846	118,533.16	HEALTHCARE SVCS GROUP INC COM
Equities	16,471	436,810.92	HEALTHCARE TR AMER INC CL A NEW CL A
Equities	5,176	303,675.92	HEALTHEQUITY INC COM
Equities	40,360	1,112,321.60	HEALTHPEAK PROPERTIES INC
Equities	15,751	348,569.63	HEALTHSTREAM INC COM STK ISIN# US42222N1037
Equities	4,815	100,248.30	HEARTLAND EXPRESS INC COM
Equities	2,885	96,474.40	HEARTLAND FINL USA INC COM STK
Equities	38,396	125,554.92	HECLA MNG CO COM
Equities	5,181	420,904.44	HEICO CORP NEW CL A CL A
Equities	1,450	144,492.50	HEICO CORP NEW COM
Equities	18,222	393,959.64	HEIDRICK & STRUGGLES INTL INC COM
Equities	5,440	445,108.85	HEINEKEN HOLDING EUR1.6 A
Equities	10,563	973,546.20	HEINEKEN NV EUR1.60
Equities	1,728	325,831.68	HELEN TROY LTD COM STK

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Equities	1,717	63,958.25	HELIOS TECHNOLOGIES INC
Equities	1,265	539.78	HELIUS MED TECHNOLOGIES INC COM NPV CL A(POST REV SPLT)
Equities	10,074	34,956.78	HELIX ENERGY SOLUTIONS GROUP INC COM STK
Equities	33,500	1,369,569.15	HELLA GMBH & CO.KG NPV
Equities	7,013	136,823.63	HELMERICH & PAYNE INC COM
Equities	675	6,635.25	HEMISPHERE MEDIA GROUP INC CL A CL A
Equities	11,024	643,691.36	HENRY SCHEIN INC COMMON STOCK
Equities	344,389	1,294,234.52	HERA EUR1
Equities	8,613	387,412.74	HERBALIFE NUTRITION LTD COM STK
Equities	2,018	62,013.14	HERC HLDGS INC COM
Equities	3,480	36,435.60	HERCULES CAPITAL INC
Equities	3,829	28,736.65	HERITAGE COMM CORP COM STK
Equities	446	7,787.16	HERITAGE CRYSTAL CLEAN INC COM STK
Equities	2,733	54,660.00	HERITAGE FINL CORP WASH COM
Equities	2,504	32,777.36	HERITAGE INS HLDGS INC COM
Equities	4,004	94,534.44	HERMAN MILLER INC COM STK USD0.20
Equities	3,018	44,394.78	HERON THERAPEUTICS INC COM
Equities	69,717	401,569.92	HERSHA HOSPITALITY TR PRIORITY SHS BEN INT CL A NEW PRTY SHS BEN INT CL A NEW
Equities	10,793	1,398,988.66	HERSHEY COMPANY COM STK USD1
Equities	3,521	4,964.61	HERTZ GLOBAL HLDGS INC NEW COM
Equities	540	50,311.80	HESKA CORP COM RESTRICTED NEW STOCK
Equities	24,338	1,260,951.78	HESS CORP COM STK
Equities	93,351	908,305.23	HEWLETT PACKARD ENTERPRISE CO COM
Equities	30,900	1,804,253.67	HEXAGON AB SER'B'NPV
Equities	6,272	283,619.84	HEXCEL CORP NEW COM
Equities	2,974	26,914.70	HF FOODS GROUP INC COM
Equities	26,914	563,579.16	HIBBETT SPORTS INC COM STK
Equities	5,310	1,566.45	HIGH POINT RESOURCES CORPORATION COM USD0.001
Equities	8,055	300,693.15	HIGHWOODS PPTY'S INC COM
Equities	3,158	4,800.16	HILL INT'L INC COM
Equities	62,722	1,697,884.54	HILLEBRAND INC COM STK
Equities	22,804	2,503,423.12	HILL-ROM HLDGS INC COM STK
Equities	5,896	108,781.20	HILLTOP HLDGS INC COM STK
Equities	6,456	126,214.80	HILTON GRAND VACATIONS INC COM
Equities	28,040	2,059,538.00	HILTON WORLDWIDE HLDGS INC COM NEW COM NEW
Equities	99	16,610.22	HINGHAM INSTN SVGS MASS COM
Equities	280,380	410,235.43	HKT TRUST AND HKT HKD0.0005 SHARE STAPLED
Equities	800	11,752.00	HMN FINL INC COM
Equities	6,303	204,154.17	HMS HLDGS CORP COM
Equities	46,048	1,407,687.36	HNI CORP COM
Equities	0	-	HOCHTIEF AG NPV
Equities	11,257	328,704.40	HOLLYFRONTIER CORP COM
Equities	27,623	1,574,511.00	HOLISTIC INC COM
Equities	603	16,130.25	HOME BANCORP INC COM STK
Equities	60,301	927,429.38	HOME BANCSHARES INC COM
Equities	130,772	32,759,693.72	HOME DEPOT INC COM
Equities	1	0.01	HOMESTEAD GOLD & SILVER LTD COM
Equities	2,107	51,853.27	HOMESTREET INC INC
Equities	715	11,440.00	HOMETRUST BANCSHARES INC COM
Equities	1,924	29,225.56	HOMOLOGY MEDICINES INC COM
Equities	1,002,940	2,933,576.98	HON HAI PRECISION TWD10
Equities	163,000	4,163,196.92	HONDA MOTOR CO NPV
Equities	100,691	14,558,911.69	HONEYWELL INTL INC COM STK
Equities	60,300	249,039.00	HONGKONG LAND HLD ORD USD0.10(SINGAPORE REG)
Equities	959	18,652.55	HOOKER FURNITURE CORP COM
Equities	9,765	90,033.30	HOPE BANCORP INC COM
Equities	2,927	107,508.71	HORACE MANN EDUCATORS CORP COM
Equities	3,004	32,112.76	HORIZON BANCORP INC/IN COM
Equities	2,336	5,139.20	HORIZON GLOBAL CORP COM
Equities	473	5,155.70	HORIZON TECHNOLOGY FIN CORP COM STOCK
Equities	14,295	794,516.10	HORIZON THERAPEUTICS PLC COM USD0.0001
Equities	40,138	1,937,461.26	HORMEL FOODS CORP COM
Equities	55,261	596,266.19	HOT HOSTELS & RESORTS INC REIT
Equities	7,591	92,762.02	HOTESS BRANDS INC CL A CL A
Equities	8,220	14,878.20	HOUGHTON MIFFLIN HARCOURT CO COM
Equities	50,132	2,789,344.48	HOULIHAN LOKEY INC CL A CL A
Equities	2,000	4,720.00	HOUSTON WIRE & CABLE CO COM STK
Equities	506	11,835.34	HOVNANIAN ENTERPRISES INC
Equities	1,027	10,906.74	HOWARD BANCORP INC COM
Equities	3,217	167,123.15	HOWARD HUGHES CORP COM STOCK
Equities	32,387	513,333.95	HOWMET AEROSPACE INC COM USD1.00 WI
Equities	106,750	10,152,060.06	HOYA CORP NPV
Equities	335,763	5,852,349.09	HP INC COM
Equities	119,142	557,344.09	HSBC HLDGS ORD USD0.50(UK REG)
Equities	2,254	107,876.44	HUB GROUP INC CL A
Equities	3,843	481,758.48	HUBBELL INC COM
Equities	3,057	685,837.95	HUBSPOT INC COM
Equities	79,988	242,363.64	HUDBAY MINERALS INC COM STK
Equities	47	411.25	HUDSON GLOBAL INC HUDSON GLOBAL INC
Equities	1,589	7,738.43	HUDSON LTD
Equities	11,446	287,981.36	HUDSON PACIFIC PROPERTIES INC COM
Equities	888	896.88	HUDSON TECHNOLOGIES INC COM STK
Equities	18,352	7,115,988.00	HUMANA INC COM
Equities	36,060	4,339,460.40	HUNT J B TRANS SVCS INC COM
Equities	499,952	4,517,066.33	HUNTINGTON BANCSHARES INC COM
Equities	5,925	1,033,853.25	HUNTINGTON INGALLS IND'S INC COM
Equities	15,300	274,941.00	HUNTSMAN CORP COM STK
Equities	624	17,453.28	HURCO CO COM
Equities	1,538	68,056.50	HURON CONSULTING GROUP INC COM STK
Equities	226,340	1,853,642.89	HUSQVARNA AB SER'B'NPV
Equities	2,553	128,390.37	HYATT HOTELS CORP COM CL A COM CL A

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Equities	1,048	40,515.68	HYSTER-YALE MATLS HANDLING INC CL A COM
Equities	551	16,667.75	I3 VERTICALS INC CL A CL A
Equities	9,872	380,763.04	IAA SPINCO INC
Equities	565,732	6,557,347.75	IBERDROLA SA EURO.75
Equities	2,200	104,325.05	ICA GRUPPEN AB NPV
Equities	107	1,068.93	ICAD INC COM NEW
Equities	1,338	86,742.54	ICF INTL INC COM STK
Equities	1,493	39,683.94	ICHOR HOLDINGS LTD COM USD0.0001
Equities	108,400	321,352.23	ICL GROUP LTD
Equities	35,368	5,958,093.28	ICON PLC COM
Equities	393	365.49	ICONIX BRAND GROUP INC COM USD0.001(POST REV SPLIT)
Equities	1,404	258,771.24	ICU MED INC COM
Equities	3,577	312,522.49	IDACORP INC COM
Equities	917	4,676.70	IDENTIV INC
Equities	2,400	4,296.00	IDERA PHARMACEUTICALS INC COM USD0.001 (POST REV SPLIT)
Equities	5,496	868,587.84	IDEXX LABS INC COM
Equities	18,029	5,952,454.64	IDEXX LABS INC COM
Equities	2,609	17,036.77	IDT CORP CL B NEW CL B NEW
Equities	2,236	51,808.12	IES HLDGS INC COM
Equities	851	62,123.00	IGM BIOSCIENCES INC COM
Equities	2,384	19,906.40	IHEARTMEDIA INC CL A NEW CL A NEW
Equities	88,659	6,693,754.50	IHS MARKIT LTD COM
Equities	18,300	280,050.98	IIDA GROUP LTD
Equities	6,490	306,457.80	II-VI INC COM
Equities	23,555	4,118,591.75	ILL TOOL WKS INC COM
Equities	10,365	3,838,677.75	ILLUMINA INC COM
Equities	192	648.96	IMAGE SENSING SYS INC COM
Equities	363	10,029.69	IMARA INC COM
Equities	10,308	968,799.39	IMCD NV EUR0.16
Equities	58	201.26	IMEDIA BRANDS INC COM NEW COM NEW
Equities	1,934	12,048.82	IMMERSION CORP COM
Equities	301	1,417.71	IMMUCELL CORP COM PAR \$0.10 COM PAR \$0.10
Equities	7	84.84	IMMUNIC INC COM USD0.0001
Equities	12,057	55,462.20	IMMUNOGEN INC COM
Equities	15,737	557,719.28	IMMUNOMEDICS INC COM
Equities	498	841.62	IMPAC MTG HLDGS INC COM NEW COM NEW
Equities	817	15,530.94	IMPERIAL BRANDS PLC GBP0.10
Equities	7,400	118,660.79	IMPERIAL OIL COM NPV
Equities	1,083	29,750.01	IMPINJ INC COM
Equities	134,400	2,992,341.85	INABA DENKISANGYO NPV
Equities	372	18,019.68	INARI MED INC COM
Equities	19,524	2,029,910.28	INCYTE CORP COM
Equities	516	15,784.44	INDEPENDENCE HLDG CO NEW COM NEW
Equities	5,755	66,124.95	INDEPENDENCE RLTY TR INC COM
Equities	27,841	1,867,852.69	INDEPENDENT BK CORP MASS COM
Equities	1,854	27,531.90	INDEPENDENT BK CORPORATION
Equities	2,654	107,540.08	INDEPENDENT BK GROUP INC COM
Equities	25,140	665,522.33	INDITEX (IND.DE DISENO TEXTIL SA) EUR0.03 (POST SUBD)
Equities	3,226,000	1,956,299.31	INDUSTRIAL & COMMERCIAL BANK CHINA 'H'
Equities	5,077	104,332.35	INDUSTRIAL LOGISTICS PPTYS TR COM SHS BEN INT COM SHS BEN INT
Equities	625,354	14,661,897.87	INFINEON TECHNOLOG ORD NPV (REGD)
Equities	11,157	66,049.44	INFINERA CORP COM STK USD0.001
Equities	1	-	INFINITY MNG CORP COM NEW STK
Equities	5,586	5,053.09	INFINITY PHARMACEUTICALS INC COM STK
Equities	197,040	1,903,406.40	INFOSYS LIMITED ADR
Equities	176,749	4,970,181.88	INGERSOLL RAND INC COM
Equities	3,030	159,287.10	INGEVITY CORP COM
Equities	14,643	630,674.01	INGLES MKTS INC CL A
Equities	4,839	401,637.00	INGREDION INC COM
Equities	3,382	4,464.24	INNERWORKINGS INC COM
Equities	481	649.35	INNODATA INC COM
Equities	1,628	125,763.00	INNOSPEC INC COM STK
Equities	1,203	105,888.06	INNOVATIVE INDL PPTYS INC COM
Equities	5,200	26,000.00	INNOVATIVE SOLUTIONS & SUPPORT INC COM ISIN US45769N1054
Equities	67,697	946,404.06	INNOVIVA INC COM
Equities	24,343	864,663.36	INOGEN INC COM
Equities	4,546	87,555.96	INOVALON HLDGS INC COM CL A COM CL A
Equities	8,770	236,351.50	INOVIO PHARMACEUTICALS INC COM NEW COM NEW
Equities	3,458	406,315.00	INPHI CORP COM
Equities	2,711	31,447.60	INSEEGO CORP COM
Equities	2,297	113,012.40	INSIGHT ENTERPRISES INC COM
Equities	200	142.98	INSIGNIA SYS INC COM
Equities	6,337	174,520.98	INSMED INC COM PAR \$.01
Equities	2,807	181,697.11	INSPERITY INC COM
Equities	1,701	148,021.02	INSPIRE MED SYS INC COM
Equities	14,232	978,876.96	INSTALLED BLDG PRODS INC COM
Equities	1,608	30,664.56	INSTEEL INDs INC COM
Equities	4,027	782,285.02	INSULET CORP COM STK
Equities	38,308	3,634,197.27	INTACT FINL CORP COM NPV
Equities	2,416	176,488.80	INTEGER HLDGS CORP COM
Equities	4,783	224,753.17	INTEGRA LIFESCIENCES HLDG CORP COM DESP
Equities	549,989	32,905,841.87	INTEL CORP COM
Equities	2,216	46,580.32	INTELLIA THERAPEUTICS INC COM
Equities	225	1,698.75	INTELLICHECK INC
Equities	38	1,295.04	INTELLIGENT SYS CORP NEW COM
Equities	1,311	63,124.65	INTER PARFUMS INC COM
Equities	4,557	190,345.89	INTERACTIVE BROKERS GROUP INC CL COM
Equities	1,780	85,279.80	INTERCEPT PHARMACEUTICALS INC COM
Equities	105,652	9,677,723.20	INTERCONTINENTAL EXCHANGE INC COM
Equities	2,201	124,642.63	INTERDIGITAL INC COM
Equities	3,772	30,704.08	INTERFACE INC COM

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Equities	107,196	12,946,060.92	INTERNATIONAL BUSINESS MACHS CORP COM
Equities	996	12,410.16	INTERNATIONAL MONEY EXPRESS INC COM
Equities	910	14,869.40	INTERNATIONAL SEAWAYS INC INTERNATIONAL SEAWAYS INC COMMON STOCK
Equities	28	130.20	INTERPACE BIOSCIENCES INC FORMERLY INTE COM PAR \$0.01 COM PAR
Equities	27,031	463,851.96	INTERPUBLIC GROUP COMPANIES INC COM
Equities	2,269	30,722.26	INTERSECT ENT INC COM
Equities	239	805.43	INTEST CORP COM
Equities	1,659	9,058.14	INTEVAC INC COM
Equities	4,200	134,484.00	INTL BANCSHARES CORP COM
Equities	7,371	902,652.66	INTL FLAVORS & FRAGRANCES INC COM
Equities	34,837	1,226,610.77	INTL PAPER CO COM
Equities	2,108	54,112.36	INTRA-CELLULAR THERAPIES INC COM
Equities	686	9,274.72	INTRICON CORP COM
Equities	30,758	9,110,212.02	INTUIT COM
Equities	34,669	19,755,436.27	INTUITIVE SURGICAL INC COM NEW STK
Equities	1,298	693.26	INUVO INC COM NEW COM NEW
Equities	3,280	20,893.60	INVACARE CORP COM
Equities	26,587	286,076.12	INVESCO LTD COM STK USD0.20
Equities	12,590	47,087.99	INVESCO MTG CAP INC COM STK
Equities	858	12,441.00	INVESTAR HLDG CORP COM
Equities	159,330	8,408,876.69	INVESTOR AB SER'BNPV
Equities	72,607	617,159.50	INVESTORS BANCORP INC NEW COM
Equities	829	58,436.21	INVESTORS REAL ESTATE TRUST COM NEW COM SHS OF BENFCAL INTRST(POST REV SPLT)
Equities	37	4,488.84	INVESTORS TITLE CO NC COM
Equities	7,395	223,994.55	INVITAE CORP COM
Equities	40,266	1,108,522.98	INVITATION HOMES INC COM
Equities	774	1,811.16	ION GEOPHYSICAL CORP COM NEW COM NEW
Equities	8,872	523,093.12	IONIS PHARMACEUTICALS INC COM
Equities	4,714	129,399.30	IVANCE BIOThERAPEUTICS INC COM
Equities	2,841	455,667.99	IPG PHOTONICS CORP COM
Equities	2,483,084	1,566,264.34	IQE PLC ORD GBP0.01
Equities	14,044	1,992,562.72	IQVIA HLDGS INC COM USD0.01
Equities	1,575	182,526.75	IRHYTHM TECHNOLOGIES INC COM
Equities	43	91.16	IRIDEX CORP COM
Equities	22,983	584,687.52	IRIDIUM COMMUNICATIONS INC COM STK
Equities	1,634	137,092.60	IROBOT CORP COM
Equities	19,760	515,736.00	IRON MTN INC NEW COM
Equities	9,641	99,495.12	IRONWOOD PHARMACEUTICALS INC COM CL A
Equities	1,835,563	13,711,324.94	ISHARES FTSE 100 UCITS ETF (INC)
Equities	-3,463	(547,154.00)	ISHARES MSCI EMERGING MKTS. CALL OPTION W/STK \$40.00 PER SHARE 21-AUG-2020
Equities	-346	(30,794.00)	ISHARES MSCI EMERGING MKTS. PUT OPTION W/STK \$38.00 PER SHARE 21-AUG-2020
Equities	-1,039	(124,680.00)	ISHARES MSCI EMERGING MKTS. PUT OPTION W/STK \$39.00 PER SHARE 21-AUG-2020
Equities	-2,078	(328,324.00)	ISHARES MSCI EMERGING MKTS. PUT OPTION W/STK \$40.00 PER SHARE 21-AUG-2020
Equities	296,000	898,019.33	ISRAEL DISCOUNT BK ILS0.10
Equities	449,237	7,108,233.94	ISS A/S DKK1
Equities	6,645	81,866.40	ISTAR INC
Equities	3,154	14,997.27	ITERIS INC NEW COM
Equities	549,950	11,833,979.93	ITOCHU CORP NPV
Equities	2,610	172,912.50	ITRON INC COM STK NPV
Equities	41,244	2,422,672.56	ITT INC COM
Equities	318,047	293,476.63	ITV ORD GBP0.10
Equities	3,367	17,171.70	IVERIC BIO INC COM
Equities	1,072	136,283.36	J & J SNACK FOODS CORP COM STK NPV
Equities	830	4,083.60	J ALEXANDERS HLDGS INC COM CL A
Equities	12,247	774,132.87	J2 GLOBAL INC COM
Equities	16,285	522,422.80	JABIL INC
Equities	5,514	1,014,741.42	JACK HENRY & ASSOC INC COM
Equities	1,922	142,400.98	JACK IN THE BOX INC COM
Equities	10,178	863,094.40	JACOBS ENGR GROUP INC COM
Equities	48,740	923,502.14	JAMES HARDIE INDUSTRIES PLC
Equities	944	42,480.00	JAMES RIVER GROUP HOLDINGS COM USD0.0002
Equities	5,507	116,528.12	JANUS HENDERSON GROUP PLC ORD USD1.50
Equities	59,200	440,083.42	JAPAN POST BANK CO NPV
Equities	52,100	370,256.01	JAPAN POST HOLD CO NPV
Equities	10,900	454,966.00	JARDINE MATHESON HLDGS USD0.25(SING QUOTE)
Equities	17,400	374,970.00	JARDINE STRATEGIC HOLDING USD0.05(SING QUOTE)
Equities	2,013	222,114.42	JAZZ PHARMACEUTICALS PLC COM USD0.0001
Equities	12,621	373,202.97	JBG SMITH PROPERTIES COM USD0.01 WI
Equities	41,358	768,768.01	JC DECAUX SA NPV
Equities	109,650	842,978.59	JD SPORTS FASHION ORD GBP0.0025
Equities	17,692	275,110.60	JEFFERIES FINL GROUP INC COM
Equities	4,249	68,451.39	JELD-WEN HLDG INC COM
Equities	986	13,488.48	JERNIGAN CAP INC COM
Equities	56,903	620,242.70	JETBLUE AWYS CORP COM
Equities	22,185	1,908,353.70	JOHN BEAN TECHNOLOGIES CORP COM STK
Equities	426,913	60,036,775.19	JOHNSON & JOHNSON COM USD1
Equities	160,171	5,468,237.94	JOHNSON CTLS INTL PLC COM USD0.01
Equities	2,154	196,057.08	JOHNSON OUTDOORS INC CL A
Equities	453	6,917.31	JOINT CORP COM
Equities	3,707	383,526.22	JONES LANG LASALLE INC COM STK
Equities	658	4,540.20	JOUNCE THERAPEUTICS INC. COM
Equities	338,104	31,802,062.24	JPMORGAN CHASE & CO COM
Equities	12,200	235,213.42	JSR CORP NPV
Equities	22,057	922,969.81	JULIUS BAER GRUPPE CHF0.02 (REGD)
Equities	24,596	562,264.56	JUNIPER NETWORKS INC COM
Equities	62,450	1,701,138.00	K12 INC COM STOCK USD.0001
Equities	830	82,717.80	KADANT INC COM
Equities	6,219	31,841.28	KADMON HLDGS INC COM
Equities	1,114	82,012.68	KAISER ALUM CORP COM PAR \$0.01 COM PAR \$0.01
Equities	38,900	462,970.76	KAJIMA CORP NPV
Equities	801	8,418.51	KALA PHARMACEUTICALS INC. COM

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Equities	561	6,788.10	KALVISTA PHARMACEUTICALS INC COM
Equities	1,829	76,086.40	KAMAN CORP COM
Equities	12,300	119,140.75	KANSAI ELECTRIC POWER CO NPV
Equities	9,677	133,155.52	KAR AUCTION SVCS INC COM STK
Equities	791	88,164.86	KARUNA THERAPEUTICS INC COM
Equities	2,156	40,834.64	KARYOPHARM THERAPEUTICS INC COM
Equities	405,900	1,224,627.52	KASIKORN BANK PCL THB10 (NVDR)
Equities	22,043	622,155.59	KB FINANCIAL GROUP KRW5000
Equities	5,854	179,600.72	KB HOME COM
Equities	8,175	468,820.23	KBC GROEP NV NPV
Equities	10,458	235,827.90	KBR INC COM
Equities	219,900	6,591,802.38	KDDI CORP NPV
Equities	6,264	51,239.52	KEARNY FINL CORP MD COM
Equities	19,674	1,299,664.44	KELLOGG CO COM USD0.25
Equities	2,532	40,043.58	KELLY SERVICES INC CL A COM
Equities	4,644	336,782.88	KEMPER CORP DEL COM
Equities	16,889	484,883.19	KENNAMETAL INC CAP
Equities	9,669	147,162.18	KENNEDY-WILSON HLDGS INC COM
Equities	8,099	4,404,927.88	KERING
Equities	420	15,754.20	KEROS THERAPEUTICS INC COM
Equities	75,495	2,144,058.00	KEURIG DR PEPPER INC COM
Equities	147	1,365.63	KEWAUNEE SCIENTIFIC CORP COM
Equities	260	1.25	KEY ENERGY SVCS INC DEL WT EXP
Equities	143	750.75	KEY TRONIC CORP COM
Equities	192,912	2,349,668.16	KEYCORP NEW COM
Equities	32,434	13,537,591.14	KEYENCE CORP NPV
Equities	58,014	5,846,650.92	KEYSIGHT TECHNOLOGIES INC COM
Equities	23,517	687,872.25	KFORCE INC
Equities	7,300	351,179.50	KIKKOMAN CORP NPV
Equities	7,967	467,662.90	KILROY RLTY CORP COM
Equities	1,510	20,445.40	KIMBALL ELECTRONICS INC COM
Equities	2,711	31,339.16	KIMBALL INTL INC CL B
Equities	31,611	4,468,214.85	KIMBERLY-CLARK CORP COM
Equities	32,390	415,887.60	KIMCO RLTY CORP COM
Equities	348,949	5,293,556.33	KINDER MORGAN INC DEL COM
Equities	2,417	10,852.33	KINDRED BIOSCIENCES INC COM
Equities	211,472	548,431.02	KINGBOARD HOLDINGS LTD
Equities	4,607,439	12,570,037.28	KINGFISHER ORD GBP0.157142857
Equities	667	2,948.14	KINGSTONE COS INC COM
Equities	449	11,440.52	KINIKSA PHARMACEUTICALS-A
Equities	1,520	235,919.20	KINSALE CAP GROUP INC COM
Equities	13,760	846,909.03	KION GROUP AG NPV
Equities	3,939	210,972.84	KIRBY CORP COM
Equities	1,192	3,230.32	KIRKLANDS INC COM
Equities	6,699	77,306.46	KITE RLTY GROUP TR COM NEW COM NEW
Equities	31,339	967,748.32	KKR & CO INC CL A CL A
Equities	2,176	36,078.08	KKR REAL ESTATE FIN TR INC COM
Equities	26,116	5,079,039.68	KLA CORPORATION COM USD0.001
Equities	100,890	2,009,634.55	KLEPIERRE EUR1.40
Equities	22,039	919,246.69	KNIGHT-SWIFT TRANSHOLDINGS INC CL A CLASSA COMMON STOCK USD0.01
Equities	3,544	43,201.36	KNOLL INC COM NEW COM
Equities	5,606	85,547.56	KNOWLES CORP COM
Equities	1,947	105,371.64	KODIAK SCIENCES INC COM USD0.0001
Equities	11,638	241,721.26	KOHL'S CORP COM
Equities	300,334	8,183,386.63	KON AHOOLD DELHAIZE EUR0.01
Equities	10,253	1,418,728.98	KONINKLIJKE DSM NV EUR1.50
Equities	1,021,552	2,707,760.54	KONINKLIJKE KPN
Equities	20,899	372,211.19	KONTOOR BRANDS INC COM NPV WI
Equities	5,166	6,870.78	KOPIN CORP COM
Equities	1,646	31,010.64	KOPPERS HLDGS INC COM
Equities	3,748	115,176.04	KORN FERRY COM
Equities	12,798	21,244.68	KOSMOS ENERGY LTD COM USD0.01
Equities	49,087	1,565,384.43	KRAFT HEINZ CO COM
Equities	2,076	35,873.28	KRATON CORPORATION
Equities	6,632	103,658.16	KRATOS DEFENSE & SECURITY SOLUTIONS INC
Equities	190,284	6,441,113.40	KROGER CO COM
Equities	2,700	28,107.00	KRONOS WORLDWIDE INC COM STK
Equities	858	35,538.36	KRYSTAL BIOTECH INC COM
Equities	7,476	1,116,092.04	KS CY SOUTHN
Equities	12,706	264,665.98	KULICKE & SOFFA INDS INC COM
Equities	72,110	1,921,964.95	KUMBA IRON ORE LTD ZAR0.01
Equities	2,799	45,623.70	KURA ONCOLOGY INC COM
Equities	1,804	16,109.72	KVH IND'S INC COM STK
Equities	264,600	14,384,566.90	KYOCERA CORP NPV
Equities	48,700	1,277,029.24	KYOWA KIRIN CO LTD NPV
Equities	16,464	246,466.08	L BRANDS INC COM
Equities	7,140	324,021.19	L E LUNDBERGFORETA SER'B'NPV
Equities	21,365	3,624,999.55	L3HARRIS TECHNOLOGIES INC COM
Equities	670	2,854.20	LA JOLLA PHARMACEUTICAL CO COM PAR \$.0001 2014 COM PAR \$.0001 2014
Equities	3,295	89,162.70	LA Z BOY INC COM
Equities	26,226	4,356,400.86	LAB CORP AMER HLDGS COM NEW
Equities	5,587	45,254.70	LADDER CAP CORP CL A CL A
Equities	30,660	1,343,144.53	LAFARGEHOLCIM LTD
Equities	3,600	41,148.00	LAKELAND BANCORP INC COM
Equities	3,613	168,329.67	LAKELAND FINL CORP COM STK
Equities	295	6,616.85	LAKELAND INDS INC COM
Equities	32,353	10,464,901.38	LAM RESH CORP COM
Equities	5,421	361,905.96	LAMAR ADVERTISING CO NEW CL A CL A
Equities	10,235	654,323.55	LAMB WESTON HLDGS INC COM USD5
Equities	1,402	217,295.98	LANCASTER COLONY CORP COM
Equities	2,182	17,368.72	LANDEC CORP COM

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Equities	1,868	15,018.72 LANDS END INC NEW COM
Equities	2,776	311,772.56 LANDSTAR SYS INC COM
Equities	3,019	21,917.94 LANNETT INC COM
Equities	3,813	54,527.19 LANTHEUS HLDGS INC COM
Equities	1,333	4,945.43 LANTRONIX INC COM NEW COM NEW
Equities	140	1,799.00 LARIMAR THERAPEUTICS INC COM
Equities	25,791	1,174,522.14 LAS VEGAS SANDS CORP COM STK
Equities	9,650	273,963.50 LATTICE SEMICONDUCTOR CORP COM
Equities	5,800	57,797.00 LAUREATE ED INC CL A CL A
Equities	344	11,097.44 LAWSON PRODS INC COM
Equities	3,994	114,348.22 LAZARD LTD CL A
Equities	174,770	- LBIE GBP POST-DISTRIBUTION MSFTA
Equities	1,692	194,546.16 LCI INDUSTRIES COM
Equities	663	10,581.48 LCNB CORP COM
Equities	2,000	7,340.00 LEAF GROUP LTD COM
Equities	242	505.78 LEAP THERAPEUTICS INC COM
Equities	3,881	423,106.62 LEAR CORP COM NEW COM NEW
Equities	4,200	68.88 LEAR CORP COM STK PAR \$0.01
Equities	881,510	2,406,029.02 LEGAL & GENERAL GP ORD GBP0.025
Equities	9,563	336,139.45 LEGGETT & PLATT INC COM
Equities	27,614	2,586,603.38 LEIDOS HLDGS INC COM
Equities	1,112	29,356.80 LEMAIRE VASCULAR INC COM STK
Equities	3,662	16,662.10 LENDINGCLUB CORP COM NEW
Equities	510	147,660.30 LENDINGTREE INC NEW COM USD0.01
Equities	29,561	1,821,548.82 LENNAR CORP CL A CL A
Equities	652	30,050.68 LENNAR CORP CL B CL B
Equities	5,288	1,232,051.12 LENNOX INTL INC COM
Equities	522,000	288,935.48 LENOVO GROUP LIMITED HKD0.025
Equities	238	3,984.12 LEVEL ONE BANCORP INC COM
Equities	2,795	37,453.00 LEVI STRAUSS & CO NEW CL A CL A
Equities	2,782	5,550.09 LEXICON PHARMACEUTICALS INC FORMERLY LE COMMON STOCK
Equities	17,997	189,868.35 LEXINGTON RLTY TR COM
Equities	710	62,501.30 LGI HOMES INC COM
Equities	300	2,550.00 LGL GROUP INC COM STK
Equities	2,249	392,045.68 LHC GROUP INC COM
Equities	7,458	911,293.02 LIBERTY BROADBAND CORP COM SER A COM SERA
Equities	14,058	1,742,629.68 LIBERTY BROADBAND CORP COM SER C COM SERC
Equities	14,549	312,948.99 LIBERTY GLOBAL PLC -SERIES C COM
Equities	5,724	125,126.64 LIBERTY GLOBAL PLC USD0.01 A
Equities	1,604	15,590.88 LIBERTY LATIN AMERICA LTD COM USD0.01 CLASS A
Equities	3,914	36,948.16 LIBERTY LATIN AMERICA LTD COM USD0.01 CLASS C
Equities	13,920	480,518.40 LIBERTY MEDIA CORP DEL COM SER A SIRIUSXM GROUP COM SER A SIRIUSXM GROUP
Equities	2,197	44,115.76 LIBERTY MEDIA CORP DEL COM SER A BRAVES GROUP COM SER A BRAVES GROUP
Equities	8,460	246,862.80 LIBERTY MEDIA CORP DEL COM SER A FORMULAONE COM SER A MEDIA GROUP
Equities	6,754	232,675.30 LIBERTY MEDIA CORP DEL COM SER C SIRIUSXM GROUP COM SER C SIRIUSXM GROUP
Equities	1,165	22,997.10 LIBERTY MEDIA CORP DEL COM SER C BRAVES GROUP COM SER C BRAVES GROUP
Equities	7,200	228,312.00 LIBERTY MEDIA CORPORATION COM USD0.01 SER C FORMULA
Equities	5,102	27,958.96 LIBERTY OILFIELD SVCS INC CL A COM CL A COM
Equities	6,426	13,687.38 LIBERTY TRIPADVISOR HLDGS INC COM USD0.01 'A'
Equities	15,540	984,109.10 LIFCO AB SER'B'NPV
Equities	3,552	337,262.40 LIFE STORAGE INC COM
Equities	550	3,696.00 LIFETIME BRANDS INC COM
Equities	748	10,112.96 LIFEVANTAGE CORP COM NEW COM NEW
Equities	54	124.20 LIFEWAY FOODS INC COM
Equities	2,100	17.01 LIGAND PHARMACEUTICALS INC GENERAL CONTINGENT VALUE RT
Equities	2,100	27.30 LIGAND PHARMACEUTICALS INC GLUCAGON CONTINGENT VALUE RT
Equities	2,100	25.41 LIGAND PHARMACEUTICALS INC ROCHE CONTINGENT VALUE RT
Equities	2,100	420.00 LIGAND PHARMACEUTICALS INC TR BETA CONTINGENT VALUE RT
Equities	1,322	147,865.70 LIGAND PHARMACEUTICALS INCORPORATED CL BCOMMON STOCK
Equities	1,400	4,676.00 LIGHTPATH TECHNOLOGIES INC CL A NEW COM
Equities	2,349	124.50 LILIS ENERGY INC COM NEW COM NEW
Equities	8,204	60,381.44 LIMELIGHT NETWORKS INC COM
Equities	150	1,972.50 LIMESTONE BANCORP INC COM NPV
Equities	682	9,882.18 LIMONEIRA CO COM STK
Equities	1,010	3,939.00 LINCOLN EDL SVCS CORP COM STK
Equities	4,561	384,218.64 LINCOLN ELEC HLDGS INC COM
Equities	15,140	557,000.60 LINCOLN NATL CORP COM
Equities	535	4,130.20 LINDBLAID EXPEDITIONS HLDGS INC COM
Equities	73,469	15,583,509.59 LINDE PLC COM USD0.001
Equities	702	64,731.42 LINDSAY CORPORATION COM
Equities	3,469	3,018.03 LINEAGE CELL THERAPEUTICS INC COM NPV
Equities	240,919	1,969,204.19 LINK REAL ESTATE INVESTMENT
Equities	8,974	61,292.42 LIONS GATE ENTMT CORP CL B NON VTG NON VOTING SHS CL B
Equities	2,545	18,858.45 LIONS GATE ENTMT CORP VOTING SHARES CL A
Equities	3,787	22,570.52 LIQUIDITY SVCS INC COM STK
Equities	14,623	2,212,898.59 LITHIA MTRS INC CL A CL A
Equities	1,792	305,768.96 LITTELFUSE INC COM
Equities	1,727	83,120.51 LIVANOVA PLC ORD GBP1.00 (DI)
Equities	11,140	493,836.20 LIVE NATION ENTERTAINMENT INC
Equities	2,148	31,167.48 LIVE OAK BANCSHARES INC COM
Equities	25,133	154,819.28 LIVENT CORP COM
Equities	4,014	166,300.02 LIVEPERSON INC COM STK ISIN# US5381461012
Equities	5,064	215,068.08 LIVERAMP HOLDINGS INC
Equities	2,408	181,057.52 LIVONGO HEALTH INC COM
Equities	22,744	595,892.80 LKO CORP COM LKQ CORP
Equities	27,062,211	10,424,317.75 LLOYDS BANKING GP ORD GBP0.1
Equities	41,716	15,223,002.72 LOCKHEED MARTIN CORP COM
Equities	30,205	1,035,729.45 LOEWS CORP COM
Equities	3,620	306,867.40 LOGMEIN INC COM
Equities	285,364	29,469,953.70 LONDON STOCK EXCHANGE GROUP ORD GBP0.06918604
Equities	1,551	729.75 LONESTAR RES US INC CL A VTG CL A VTG

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Equities	1,232	650,357.66	LONZA GROUP AG CHF1 (REGD)
Equities	1,130	10,170.00	LOOP INDs INC COM
Equities	2,068	40,367.36	LORAL SPACE & COMMUNICATIONS INC COM
Equities	6,719	-	LORAL SPACE & COMMUNICATIONS LTD COM STK
Equities	25,249	8,101,999.21	L'OREAL EURO.20
Equities	80,152	2,055,898.80	LOUISIANA-PACIFIC CORP COM
Equities	463	12,144.49	LOVESAC CO COM
Equities	116,814	15,783,907.68	LOWES COS INC COM
Equities	6,171	483,806.40	LPL FINL HLDGS INC COM
Equities	2,805	3,253.80	LSB INDs INC COM
Equities	1,588	10,274.36	LSI INDs INC OHIO COM
Equities	2,612	98,394.04	LTC PPPTS INC COM
Equities	4,732	6,861.40	LUBYS INC COM
Equities	4,251	1,326,354.51	LULULEMON ATHLETICA INC COM
Equities	2,162	29,965.32	LUMBER LIQUIDATORS HLDGS INC COM
Equities	71,060	5,786,415.80	LUMENTUM HLDGS INC COM
Equities	3,376	109,821.28	LUMINEX CORP DEL COM
Equities	261	4,303.89	LUMOS PHARMA INC COM
Equities	156	911.04	LUNA INNOVATIONS INC COM STK
Equities	39,061	941,658.28	LUNDIN ENERGY AB
Equities	1,124	11,240.00	LUTHER BURBANK CORP COM
Equities	6,987	3,064,428.93	LVMH MOET HENNESSY LOUIS VUITTON SE EURO.30
Equities	19,048	258,290.88	LYDALL INC COM
Equities	8,521	281,278.21	LYFT INC CL A CL A
Equities	25,680	1,687,689.60	LYONDELLBASELL IND N V COM USD0.01 CL 'A'
Equities	271	3,073.14	LYRA THERAPEUTICS INC COM
Equities	16,159	1,680,051.23	M & T BK CORP COM
Equities	2,077	71,531.88	M / I HOMES INC
Equities	3,722	132,875.40	M D C HLDGS INC COM
Equities	670,900	1,388,929.26	M&G PLC ORD GBP0.05
Equities	2,228	17,422.96	MACATAWA BK CORP COM
Equities	8,722	78,236.34	MACERICH CO REIT
Equities	7,540	115,286.60	MACK CALI RLTY CORP COM REIT
Equities	3,228	110,881.80	MACOM TECHNOLOGY SOLUTIONS HOLDINGS INC COM STK
Equities	0	-	MACQUARIE GP LTD NPV
Equities	2,749	84,366.81	MACQUARIE INFRASTRUCTURE CORP
Equities	2,477	69,157.84	MACROGENICS INC COM
Equities	22,665	155,935.20	MACYS INC COM STK
Equities	22,361	552,093.09	MADDEN STEVEN LTD COM
Equities	18,775	1,408,125.00	MADISON SQUARE GARDEN ENTMT CORP CL A CL A
Equities	11,548	1,696,285.72	MADISON SQUARE GARDEN SPORTS CORP
Equities	757	85,730.25	MADRIGAL PHARMACEUTICALS INC COM
Equities	870,702	11,361,877.74	MAGAZINE LUIZA SA COM NPV
Equities	17,745	1,295,030.10	MAGELLAN HEALTH INC COM NEW COM NEW
Equities	25,997	1,157,646.41	MAGNA INTERNATIONAL INC COMMON STOCK
Equities	89,194	3,959,375.36	MAGNA INTL INC COM NPV
Equities	22,581	136,840.86	MAGNOLIA OIL & GAS CORP CL A CL A
Equities	4,518	5,602.32	MAIDEN HOLDINGS LTD/MAIDEN HOLDINGS LTD(COM STK
Equities	2,450	76,268.50	MAIN STR CAP CORP COM STK
Equities	1,472	76,470.40	MALIBU BOATS INC COM CL A COM CL A
Equities	3,452	9,251.36	MALLINCKRODT PLC COMMON STOCK
Equities	34	432.82	MALVERN BANCORP INC COM
Equities	605	713.90	MAMMOTH ENERGY SVCS INC COM
Equities	4,266	401,857.20	MANHATTAN ASSOCs INC COM
Equities	1,112	5,526.64	MANITEK INTL INC COM STK
Equities	2,884	31,377.92	MANITOWOC CO INC COM USD0.01(POST REV SPLIT)
Equities	326	4,821.54	MANNATECH INC COM NEW .
Equities	10,856	18,998.00	MANNKIND CORP COM USD0.01(POST REV SPLIT)
Equities	4,464	306,900.00	MANPOWERGROUP INC
Equities	2,273	155,677.77	MANTECH INTL CORP CL A CL A
Equities	102,200	1,385,928.05	MANULIFE FINL CORP COM NPV
Equities	59,981	367,083.72	MARATHON OIL CORP COM
Equities	103,413	3,865,577.94	MARATHON PETE CORP COM
Equities	6,303	9,958.74	MARCHEX INC CL B CL B
Equities	24,218	698,931.48	MARCUS & MILlichap INC COM
Equities	1,635	21,696.45	MARCUS CORP DEL COM
Equities	1,511	20,927.35	MARINE PRODS CORP COM
Equities	2,547	57,027.33	MARINEMAX INC COM
Equities	3,952	10,038.08	MARINUS PHARMACEUTICALS INC COM
Equities	1,038	958,250.46	MARKEl CORP HOLDING CO COM
Equities	1,855	3,839.85	MARKER THERAPEUTICS INC COM USD0.001
Equities	2,759	1,382,038.28	MARKETAXESS HLDGS INC COM STK
Equities	2,200	18,612.00	MARLIN BUSINESS SVCS CORP COM
Equities	28,671	2,457,964.83	MARRIOTT INTL INC NEW COM STK CL A
Equities	3,058	251,398.18	MARRIOTT VACATIONS WORLDWIDE CORP COM
Equities	43,221	4,640,638.77	MARSH & MCLENNAN CO'S INC COM
Equities	3,021	76,008.36	MARTEN TRANS LTD COM
Equities	1,200	-	MARTIN INDs INC DEL COM
Equities	4,715	973,977.55	MARTIN MARIETTA MATLS INC COM
Equities	310,435	10,883,851.10	MARVELL TECH GROUP COM USD0.002
Equities	140,353	7,047,124.13	MASCO CORP COM
Equities	3,425	780,865.75	MASIMO CORP COM STK
Equities	904	70,313.12	MASONITE INTL CORP NEW COM
Equities	23,802	1,067,995.74	MASTEC INC COM
Equities	921	23,881.53	MASTECH DIGITAL INC COM
Equities	165,626	48,975,608.20	MASTERCARD INC CL A
Equities	1,583	30,156.15	MASTERCRAFT BOAT HLDGS INC COM
Equities	7,126	60,571.00	MATADOR RES CO COM
Equities	1,898	116,708.02	MATERION CORP COM
Equities	2,612	25,388.64	MATRIX SVC CO COM
Equities	2,891	84,128.10	MATSON INC COM

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Equities	185,700	6,738,800.57	MATSUMOTOKIYOSHI H NPV	
Equities	19,589	189,425.63	MATTTEL INC COM STOCK	1.00 PAR
Equities	2,255	43,070.50	MATTHEWS INTL CORP CL A CL A	
Equities	249	2,763.90	MAUI LD & PINEAPPLE INC COM	
Equities	4,978	89,404.88	MAXAR TECHNOLOGIES INC COM NPV	
Equities	99,867	6,052,938.87	MAXIM INTEGRATED PRODS INC COM	
Equities	211,190	14,878,335.50	MAXIMUS INC COM	
Equities	4,374	93,866.04	MAXLINEAR INC COMMON STOCK	
Equities	5	-	MAXUS TECH CORP COM	
Equities	7,492	54,317.00	MBIA INC COM	
Equities	8,283	1,486,053.03	MC CORMICK & CO INC COM NON-VTG	
Equities	104,692	19,312,533.24	MC DONALDS CORP COM	
Equities	24,800	1,337,869.03	MCDONALD'S HOLDING CO JAPAN	
Equities	10,997	11,106.97	MCEWEN MNG INC COM	
Equities	14,916	805,613.16	MCGRATH RENTCORP COM	
Equities	19,688	3,020,532.96	MCKESSON CORP	
Equities	14,609	324,027.62	MDU RES GROUP INC COM	
Equities	3,558	89,803.92	MEDALLIA INC COM	
Equities	836	2,215.40	MEDALLION FINL CORP COM	
Equities	2,100	3,003.00	MEDCATH CORP COM STK	
Equities	3,600	-	MEDIA GEN INC CVR COMMON STOCK	
Equities	28	145.88	MEDIACO HLDS INC CL A CL A	
Equities	42,296	830,022.00	MEDIATEK INC TWD10	
Equities	77,296	1,453,164.80	MEDICAL PPTYS TR INC COM REIT	
Equities	3,575	19,376.50	MEDICINOVA INC COM NEW STK	
Equities	898	124,615.46	MEDIFAST INC COM	
Equities	5,595	95,674.50	MEDNAX INC COM	
Equities	12,907	1,200,609.14	MEDPACE HLDS INC COM	
Equities	85,004	7,794,866.80	MEDTRONIC PLC COMMON STOCK	STOCK
Equities	2,450	10,118.50	MEI PHARMA INC COM NEW COM NEW	
Equities	775	9,703.00	MEIRAGTX HOLDINGS PLC	
Equities	716	1,238.68	MENLO THERAPEUTICS INC COM	
Equities	9,984	9,841,927.68	MERCADOLIBRE INC COM STK	
Equities	3,761	84,998.60	MERCANTILE BK CORP COM	
Equities	30,289	247,158.24	MERCER INTL INC COM SH BEN INT	
Equities	690	12,758.10	MERCHANTS BANCORP IND COM	
Equities	319,035	24,670,976.55	MERCK & CO INC NEW COM	
Equities	16,663	679,017.25	MERCURY GEN CORP NEW COM	
Equities	3,963	311,729.58	MERCURY SYSTEMS INC	
Equities	2,530	36,811.50	MEREDITH CORP COM	
Equities	43,956	509,889.60	MERIDIAN BANCORP INC MD COM	
Equities	4,999	116,426.71	MERIDIAN BIOSCIENCE INC COM	
Equities	3,773	172,237.45	MERIT MED SYS INC COM	
Equities	12,982	988,189.84	MERITAGE HOMES CORP COM	
Equities	10,233	202,613.40	MERITOR INC COM	
Equities	1,515	5,044.95	MERRIMACK PHARMACEUTICALS INC COM NEW COM NEW	
Equities	3,767	88,147.80	MERSANA THERAPEUTICS INC COM	
Equities	628	2,160.32	MESA AIR GROUP INC COM NEW COM NEW	
Equities	245	53,116.00	MESA LABS INC COM	
Equities	2,300	41,791.00	META FINL GROUP INC COM	
Equities	2,311	72,241.86	METHODE ELECTRS INC COM	
Equities	196,900	7,190,788.00	METLIFE INC COM STK USD0.01	
Equities	33,398	1,373,192.37	METRO INC COM NPV	
Equities	2,079	66,694.32	METROPOLITAN BK HLDS CORP COM	
Equities	1,718	1,383,934.90	METTLER-TOLEDO INTL INC COM	
Equities	28,464	70,875.36	MFA FINL INC	
Equities	45,368	2,593,234.88	MFC ISHARES TR CORE MSCI EAFE ETF	
Equities	346,300	13,848,537.00	MFC ISHARES TR MSCI EMERGING MKTS INDEX FD ETF	
Equities	41,000	5,870,380.00	MFC ISHARES TR RUSSELL 2000 ETF	
Equities	324	4,490.64	MFC LAREDO PETE INC NEW COM USD0.01(POST REV SPLIT)	
Equities	213,384	65,799,090.24	MFC SPDR S&P 500 ETF TRUST UNITS SER 1 S&P	
Equities	8,996,388	65,313,777.52	MFO DEL POOLED TR EMERGING MKTS PORTFOLIO	
Equities	2,768	178,563.68	MGE ENERGY INC COM	
Equities	26,193	214,520.67	MGIC INVLT CORP WIS COM	
Equities	46,471	780,712.80	MGM RESORTS INTERNATIONAL COM	
Equities	999	36,668.30	MGP INGREDIENTS INC NEW COM	
Equities	7,874	55,669.18	MICHAEL'S COS INC COM	
Equities	10,346	1,073,000.98	MICHELIN (CGDE) EUR2	
Equities	2	13.82	MICROBOT MED INC	
Equities	17,688	1,862,723.28	MICROCHIP TECHNOLOGY INC COM	
Equities	1	-	MICROMINT INC COM STK	
Equities	287,413	14,807,517.76	MICRON TECH INC COM	
Equities	1,049,605	213,605,113.55	MICROSOFT CORP COM	
Equities	694	82,093.26	MICROSTRATEGY INC CL A NEW CL A NEW	
Equities	513	697.68	MICROVISION INC	
Equities	408	7,519.44	MID PENN BANCORP INC COM	
Equities	8,895	1,019,989.65	MID-AMER APT CMNTYS INC COM	
Equities	3,927	309,997.38	MIDDLEBY CORP COM	
Equities	1,207	81,086.26	MIDDLESEX WTR CO COM	
Equities	1,639	24,503.05	MIDLAND STS BANCORP INC ILL COM	
Equities	2,900	14.79	MIDWEST BANC HLDS INC COM STK	
Equities	757	15,140.00	MIDWESTONE FINL GROUP INC NEW COM STK	
Equities	575	1,012.00	MILLENDIO THERAPEUTICS INC COM	
Equities	697	20,749.69	MILLER IND'S INC TENN COM NEW	
Equities	16,300	295,072.53	MINEBEA MITSUMI INC	
Equities	2,212	103,809.16	MINERALS TECHNOLOGIES INC COM	
Equities	2,789	10,068.29	MINERVA NEUROSCIENCES INC COM	
Equities	46,000	130,869.82	MINTH GRP HKD0.1	
Equities	126,240	1,881,576.86	MIRAIT HLDS CORP NPV	
Equities	1,211	138,259.87	MIRATI THERAPEUTICS INC COM	
Equities	554	7,517.78	MISONIX INC COM	

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Equities	1,620	6,399.00	MISTRAS GROUP INC COM
Equities	2,873	27,609.53	MITEK SYS INC COM NEW COM NEW
Equities	65,400	380,330.54	MITSUBISHI CHEM HL NPV
Equities	132,500	2,787,922.33	MITSUBISHI CORP NPV
Equities	1,238,109	16,060,931.05	MITSUBISHI ELEC CP NPV
Equities	12,000	282,856.75	MITSUBISHI HV IND NPV
Equities	205,100	801,503.08	MITSUBISHI UFJ FIN NPV
Equities	195,120	2,883,800.71	MITSUI & CO LTD NPV
Equities	132,000	2,336,321.08	MITSUI FUDOSAN CO LTD NPV
Equities	19,704	2,231,280.96	MKS INSTRS INC COM
Equities	196,880	1,809,327.20	MOBILE TELESYSTEMS PJSC ADR
Equities	7,515	37,048.95	MOBILEIRON INC COM NEW COM NEW
Equities	2,014	70,006.64	MODEL N INC COM USD0.00015
Equities	22,459	1,442,092.39	MODERNA INC COM
Equities	4,331	23,907.12	MODINE MFG CO COM STK
Equities	2,559	79,738.44	MOELIS & CO CL A CL A
Equities	22,262	2,265,381.12	MOHAWK INDS INC COM
Equities	1,773	24,449.67	MOLECULAR TEMPLATES INC COM
Equities	3,979	708,182.42	MOLINA HEALTHCARE INC COM
Equities	20,643	709,293.48	MOLSON COORS BEVERAGE COMPANY COM USD0.01 CLASS B
Equities	6,772	225,304.44	MOMENTA PHARMACEUTICALS INC COM STK
Equities	1,418	48,325.44	MONARCH CASINO & RESORT INC COM
Equities	136,250	6,966,462.50	MONDELEZ INTL INC COM
Equities	626,040	1,411,946.67	MONETA MONEY BANK CZK1
Equities	2,833	9,093.93	MONEYGRAM INTL INC COM NEW COM NEW
Equities	1,369	309,859.46	MONGODB INC CL A CL A
Equities	6,370	92,301.30	MONMOUTH REAL ESTATE CORP MD
Equities	3,166	750,342.00	MONOLITHIC PWR SYS INC COM
Equities	2,386	131,086.84	MONRO INC COM USD0.01
Equities	831	5,775.45	MONROE CAP CORP COM
Equities	48,715	3,376,923.80	MONSTER BEVERAGE CORP NEW COM
Equities	708	2,796.60	MONTAGE RES CORP COM USD0.01
Equities	23,618	6,488,573.14	MOODY'S CORP COM
Equities	2,445	129,536.10	MOOG INC CL A
Equities	704,727	34,038,314.10	MORGAN STANLEY COM STK USD0.01
Equities	1,615	227,666.55	MORNINGSTAR INC COM STK
Equities	26,443	330,801.93	MOSAIC CO/THE
Equities	30	54.90	MOSYS INC COM PAR \$0.001
Equities	1,267	22,387.89	MOTORCAR PTS & ACCESSORIES INC COM
Equities	17,423	2,441,484.99	MOTOROLA SOLUTIONS INC
Equities	1,222	13,246.48	MOVADO GROUP INC COM
Equities	3,192	39,708.48	MR COOPER GROUP INC COM USD0.01
Equities	5,859	34,626.69	MRC GLOBAL INC COM
Equities	2,631	301,091.64	MSA SAFETY INC COM
Equities	2,917	212,386.77	MSC INDL DIRECT INC CL A COM
Equities	6,243	2,084,038.26	MSCI INC COMMON
Equities	3,724	37,053.80	MSG NETWORK INC CL A CL A
Equities	1,386	24,379.74	MTS SYS CORP COM
Equities	2,297	397,687.83	MTU AERO ENGINES A NPV (REGD)
Equities	38,096	1,012,591.68	MUELLER INDS INC COM
Equities	10,793	101,777.99	MUELLER WTR PRODS INC COM SER A STK
Equities	6,413	1,666,718.93	MUENCHENER RUECKVE NPV(REGD)
Equities	82,700	4,841,573.90	MURATA MANUFACTURING CO. NPV
Equities	10,020	138,276.00	MURPHY OIL CORP COM
Equities	9,763	1,099,216.17	MURPHY USA INC COM
Equities	693	2,203.74	MUSTANG BIO INC COM
Equities	1,076	14,310.80	MVB FINL CORP COM
Equities	679	4,433.87	MVC CAP INC COM
Equities	3,166	46,065.30	MYERS INDS INC COM
Equities	18,229	293,122.32	MYLAN NV
Equities	3,264	315,367.68	MYOKARDIA INC COM
Equities	1,142	36,441.22	MYR GROUP INC DEL COM STK
Equities	4,614	52,322.76	MYRIAD GENETICS INC COM
Equities	469	1,528,353.75	N V R INC COM
Equities	310	11,476.20	NABORS INDUSTRIES LTD SHS NEW
Equities	832	19,385.60	NACCO IND INC CL A COM
Equities	444,388	32,993.41	NAMPAK ZAR0.05
Equities	2,483	72,876.05	NANOSTRING TECHNOLOGIES INC COM
Equities	800	3,664.00	NANTHEALTH INC COM
Equities	1,299	15,951.72	NANTKWEST INC COM
Equities	193	4,514.27	NAPCO SECURITY TECHNOLOGIES INC
Equities	8,602	1,027,680.94	NASDAQ INC
Equities	11,060	2,013,467.43	NASPERS N ZAR0.02
Equities	5,271	262,812.06	NATERA INC COM
Equities	52	2,924.48	NATHANS FAMOUS INC NEW COM
Equities	1,144	69,806.88	NATIONAL BEVERAGE CORP COM
Equities	2,123	57,321.00	NATIONAL BK HLDGS CORP CL A COM STK
Equities	5,272	15,657.84	NATIONAL CINEMEDIA INC COM
Equities	5,573	120,432.53	NATIONAL GEN HLDGS CORP COM
Equities	71,151	869,647.03	NATIONAL GRID ORD GBP0.12431289
Equities	3,366	204,383.52	NATIONAL HEALTH INVS INC COM
Equities	8,441	326,751.11	NATIONAL INSTRS CORP COM
Equities	28,383	347,691.75	NATIONAL OILWELL VARCO COM STK
Equities	380	33,208.20	NATIONAL PRESTO INDS INC COM
Equities	843	49,071.03	NATIONAL RESH CORP COM NEW CL A
Equities	12,510	443,854.80	NATIONAL RETAIL PPTYS INC COM STK
Equities	4,993	143,099.38	NATIONAL STORAGE AFFILIATES TR COM SHS BEN INT COM SHS BEN INT
Equities	5,441	166,059.32	NATIONAL VISION HLDGS INC COM
Equities	171	34,745.49	NATIONAL WESTN LIFE GROUP INC CL A COMMON STOCK
Equities	97,800	255,387.47	NATIXIS EUR1.6(POST SUBDV)
Equities	616	17,617.60	NATL BANKSHARES INC VA COM

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Equities	55,660	2,514,099.27	NATL BK OF CANADA COM NPV
	23,194	972,524.42	NATL FUEL GAS CO COM
Equities	996	63,186.24	NATL HEALTHCARE CORP COM
Equities	260	1,788.80	NATURAL ALTERNATIVES INTL INC COM NEW COM NEW
Equities	1,200	7,524.00	NATURAL GAS SVCS GROUP INC COM
Equities	203	3,020.64	NATURAL GROCERS BY VITAMIN COTTAGE INC COM USD0.001
Equities	531	3,026.70	NATURAL HEALTH TRENDS CORP COM PAR \$.001COM PAR \$.001
Equities	669	6,027.69	NATURES SUNSHINE PRODS INC COM
Equities	566,334	10,536,632.90	NATURGY ENERGY GROUP SA
Equities	2,374	51,800.68	NATUS MED INC DEL COM
Equities	2,055	19,049.85	NAUTILUS INC COM
Equities	341	1,343.54	NAVIDEA BIOPHARMACEUTICALS INC COM NEW COM NEW
Equities	90,554	636,594.62	NAVIENT CORP COM
Equities	5,549	156,481.80	NAVISTAR INTL CORP NEW COM
Equities	3,107	95,571.32	NBT BANCORP INC COM
Equities	9,049	156,728.68	NCR CORP COM
Equities	780	451.00	NCS MULTISTAGE HLDGS INC COM
Equities	1,402	69,342.92	NEENAH INC COM USD0.01
Equities	10,458	242,207.28	NEKTAR THERAPEUTICS COM
Equities	2,004	95,670.96	NELNET INC CL A CL A
Equities	3,504	271,910.40	NEOGEN CORP COM
Equities	7,423	229,964.54	NEOGENOMICS INC COM NEW COM NEW
Equities	148	2,456.80	NEOLEUKIN THERAPEUTICS INC
Equities	3,300	-	NEON COMMUNICATIONS INC COM
Equities	3,321	29,490.48	NEOPHOTONICS CORP COM
Equities	2,300	1,575.50	NEOS THERAPEUTICS INC COM
Equities	149,570	5,847,716.24	NESTE OYJ NPV
Equities	310,930	34,369,487.83	NESTLE SA CHF0.10(REGD)
Equities	14,959	663,730.83	NETAPP INC COM STK
Equities	69,894	31,804,565.76	NETFLIX INC COM STK
Equities	1,539	39,844.71	NETGEAR INC COM
Equities	4,940	126,266.40	NETSCOUT SYS INC COM
Equities	502	1,335.32	NETSOL TECHNOLOGIES INC COM
Equities	6,492	792,024.00	NEUROCRINE BIOSCIENCES INC COM
Equities	374	721.82	NEURONETICS INC COM
Equities	2,256	269,524.32	NEVRO CORP COM
Equities	6,489	211,865.85	NEW JERSEY RES CORP COM
Equities	2,800	26,012.00	NEW MTN FIN CORP COM
Equities	3,793	261,337.70	NEW RELIC INC COM
Equities	31,183	231,689.69	NEW RESIDENTIAL INV'T CORP COM NEW COM NEW
Equities	6,191	22,411.42	NEW SR INV'T GROUP INC COM
Equities	1,016,444	10,367,728.80	NEW YORK CMNTY BANCORP INC COM
Equities	25,612	66,847.32	NEW YORK MTG TR INC COM PAR \$.02 COM PAR\$.02
Equities	9,285	390,248.55	NEW YORK TIMES CO CL A ISIN #US6501111073
Equities	39,273	852,554.20	NEWCREST MINING LTD NPV
Equities	31,228	495,900.64	NEWELL BRANDS INC COM
Equities	11,311	54,971.46	NEWMARK GROUP INC CL A CL A
Equities	563	225,470.24	NEWMARKET CORP COM
Equities	105,863	6,535,981.62	NEWMONT CORPORATION
Equities	8,656	19,302.88	NEWPARK RES INC COM PAR \$0.01 NEW COM PAR \$0.01 NEW
Equities	25,302	300,081.72	NEWS CORP COM CL A
Equities	3,977	47,525.15	NEWS CORP COM CL B
Equities	3,000	-	NEWSTAR FINANCIAL INCCVR
Equities	726	13,227.72	NEWTEK BUSINESS SERVICES CORP COM NEW
Equities	175,733	3,969,609.50	NEXON CO LTD NPV
Equities	1,504	53,166.40	NEXPONT RESIDENTIAL TR INC COM
Equities	25,418	2,127,232.42	NEXSTAR MEDIA GROUP INC CL A CL A
Equities	30,400	1,838,296.04	NEXT ORD GBP0.10
Equities	1,185	25,406.40	NEXTCURE INC COM
Equities	118,000	802,680.85	NEXTDC LTD NPV
Equities	4,050	8,748.00	NEXTDECADE CORP COM
Equities	132,289	31,771,849.13	NEXTERA ENERGY INC COM
Equities	33,504	367,873.92	NEXTGEN HEALTHCARE INC COM
Equities	11,660	28,567.00	NEXTIER OILFIELD SOLUTIONS INC
Equities	1,012	19,976.88	NGM BIOPHARMACEUTICALS INC COM
Equities	713	10,531.01	NI HLDS INC COM
Equities	45,865	1,053,060.40	NIC INC COM
Equities	326	2,513.46	NICHOLAS FINL INC BC COM NEW COM NEW
Equities	273	14,960.40	NICOLET BANKSHARES INC COM
Equities	14,500	967,159.48	NIDEC CORPORATION NPV
Equities	12,580	186,938.80	NIELSEN HOLDINGS PLC COMSTK
Equities	173,022	16,964,807.10	NIKE INC CL B
Equities	675	1,316.25	NINE ENERGY SVC INC COM STK
Equities	116,600	296,786.18	NINETY ONE PLC ORD GBP0.0001
Equities	12,760	5,678,338.98	NINTENDO CO LTD NPV
Equities	8,400	434,462.62	NIPPON EXPRESS CO NPV
Equities	420	1,276,915.23	NIPPON PROLOGIS RE REIT
Equities	11,700	136,103.26	NIPPON SEIKI CO NPV
Equities	59,760	1,393,393.71	NIPPON TELEGRAPH & TELEPHONE CORP NPV
Equities	147,081	2,066,782.18	NIPPON YUSEN KABUSHIKI KAISHA NPV
Equities	59,090	1,343,706.60	NISOURCE INC COM
Equities	8,500	1,664,388.01	NITORI HOLDINGS NPV
Equities	734	2,502.94	NL IND'S INC COM NEW
Equities	2,846	63,351.96	NLIGHT INC COM USD0.0001
Equities	109,129	1,265,336.62	NMC HEALTH PLC ORD GBP0.10
Equities	5,763	92,669.04	NMI HLDS INC CL A CL A
Equities	2,000	9,480.00	NN INC COM
Equities	10,583	3,398.20	NOBLE CORP PLC COM USD0.01
Equities	34,188	306,324.48	NOBLE ENERGY INC COM
Equities	21,620	463,749.00	NOMAD FOODS LIMITED COMMON STOCK
Equities	103,200	461,451.36	NOMURA HOLDINGS NPV

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Equities	44,100	817,537.19	NOMURA RL EST INC NPV
Equities	2,400	14,520.00	NOODLES & CO CL A CL A
Equities	52,866	364,917.91	NORDEA BANK ABP NPV
Equities	3,871	734,367.41	NORDSON CORP COM
Equities	8,566	132,687.34	NORDSTROM INC COM
Equities	21,009	3,688,550.13	NORFOLK SOUTHN CORP COM
Equities	147	2,579.85	NORTHEAST BK LEWISTON ME COM
Equities	23,207	19,468.36	NORTHERN OIL & GAS INC NEV COM STK
Equities	302	2,409.96	NORTHERN TECHNOLOGIES INTL CORP COM STK
Equities	16,247	1,289,036.98	NORTHERN TR CORP COM
Equities	3,545	40,838.40	NORTHFIELD BANCORP INC DEL COM USD0.01
Equities	91,250	2,276,560.21	NORTHLAND PWR INC COM
Equities	245	6,159.30	NORTHRIM BANCORP INC COM
Equities	24,717	7,598,994.48	NORTHRUP GRUMMAN CORP COM
Equities	8,048	82,290.81	NORTHWEST BANCSHARES INC MD COM
Equities	2,204	122,961.16	NORTHWEST NAT HLDG CO COM
Equities	573	14,365.11	NORTHWEST PIPE CO COM
Equities	3,578	195,072.56	NORTHWESTERN CORP COM NEW COM NEW
Equities	101,581	2,014,351.23	NORTONLIFE LOCK INC
Equities	17,816	292,716.88	NORVEIGIAN CRUISE LINE HLDGS LTD COM USD0.001
Equities	474	11,750.46	NORWOOD FINL CORP COM
Equities	159,200	1,971,878.78	NOTREDAME INTERMEDICA PAR SA
Equities	2,538	270,982.26	NOVANTA INC NOVANTA INC
Equities	201,743	17,548,053.46	NOVARTIS AG CHF0.50 (REGD)
Equities	3,093	257,801.55	NOVAVAX INC
Equities	42,090	2,723,565.73	NOVO-NORDISK AS DKK0.2 SERIES'B'
Equities	6,586	56,837.18	NOW INC COM
Equities	72,818	2,370,954.08	NRG ENERGY INC COM NEW
Equities	16	35.20	NTN BUZZTIME INC COM PAR \$0.005 COM PAR \$0.005
Equities	84,000	2,243,944.94	NTT DOCOMO NPV
Equities	4,135	158,081.05	NU SKIN ENTERPRISES INC CL A CL A
Equities	21,213	536,794.97	NUANCE COMMUNICATIONS INC COM
Equities	32,777	1,357,295.57	NUCOR CORP COM
Equities	8,697	206,162.39	NUTANIX INC CL A CL A
Equities	53,768	1,721,997.18	NUTRIEN LTD COM NPV
Equities	3,764	209,504.24	NUVASIVE INC COM
Equities	457	23,229.31	NV5 GLOBAL INC COMMON STOCK
Equities	377	23,309.91	NVE CORP COM NEW COM NEW
Equities	12,264	229,704.72	NVENT ELECTRIC PLC COM USD0.01 WI
Equities	91,265	34,672,486.15	NVIDIA CORP COM
Equities	50,417	5,749,554.68	NXP SEMICONDUCTORS N V COM STK
Equities	561,751	263,987.87	NZ REFINING CO NPV
Equities	7,818	3,296,616.06	O'REILLY AUTOMOTIVE INC NEW COM USD0.01
Equities	5,581	24,947.07	OAKTREE SPECIALTY LENDING CORP COM
Equities	11,285	8,463.75	OASIS PETE INC NEW COM STK
Equities	365,790	3,417,679.19	OBAJASHI CORP NPV
Equities	253,981	4,647,852.30	OCCIDENTAL PETROLEUM CORP
Equities	7,069	45,170.91	OCEANERING INTL INC COM
Equities	4,667	82,279.21	OCEANFIRST FINL CORP COM
Equities	3,196	26,622.68	OCULAR THERAPEUTIX INC COM
Equities	1,069	45,261.46	ODONATE THERAPEUTICS INC COM
Equities	790	3,685.35	ODYSSY MARINE EXPL INC COM NEW COM NEW
Equities	3,183	82,662.51	OFFICE PPTYS INCOME TR COM SHS BEN INT COM SHS BEN INT
Equities	4,227	56,514.99	OGF BANCORP COM
Equities	14,242	432,387.12	OGE ENERGY CORP COM
Equities	212	4,780.60	OHIO VY BANC CORP COM
Equities	12,685	113,911.30	O-I GLASS INC COM
Equities	30,740	2,282,752.40	OIL CO LUKOIL PJSC ADR EACH REPR 1 ORD RUB0.02
Equities	593	20,577.10	OIL DRI CORP AMER COM
Equities	4,109	19,517.75	OIL STS INTL INC COM ISIN US6780261052
Equities	172,500	801,061.32	OJI HOLDINGS CORP
Equities	19,138	3,832,001.74	OKTA INC CL A CL A
Equities	1,015	7,896.70	OLD 2ND BANCORP INC DEL COM
Equities	22,503	3,816,283.77	OLD DOMINION FREIGHT LINE INC COM
Equities	12,440	171,174.40	OLD NATL BANCORP IND COM
Equities	21,247	346,538.57	OLD REP INTL CORP COM
Equities	10,832	124,459.68	OLIN CORP COM
Equities	3,367	328,787.55	OLLIES BARGAIN OUTLET HLDGS INC COM
Equities	993	11,667.75	OLYMPIC STL INC COM
Equities	151,200	2,908,797.34	OLYMPIUS CORP NPV
Equities	270	28,566.00	OMEGA FLEX INC COM
Equities	17,303	514,418.19	OMEGA HEALTHCARE INV INC REIT
Equities	3,648	53,698.56	OMEROS CORP COM
Equities	3,048	215,249.76	OMNICELL INC COM
Equities	23,414	1,278,404.40	OMNICOM GROUP INC COM
Equities	37,210	1,243,742.20	OMV AG NPV
Equities	2,229	1,601.54	ON DECK CAP INC COM
Equities	129,884	2,574,300.88	ON SEMICONDUCTOR CORP COM
Equities	1,438	2,746.58	ONCOCYTE CORP COM
Equities	129	366.36	ONCTERNAL THERAPEUTICS INC COM
Equities	3,940	303,577.00	ONE GAS INC COM
Equities	1,237	21,795.94	ONE LIBERTY PPTYS INC COM
Equities	7,799	191,387.46	ONEMAIN HLDGS INC COM
Equities	30,941	1,027,860.02	ONEOK INC COM STK
Equities	20,183	563,711.19	ONESPAN INC COM STK USD0.001
Equities	1,045	4,984.65	ONESPAWORLD HLDGS LTD COM USD0.0001
Equities	4,419	150,422.76	ONTO INNOVATION INC
Equities	1,734	28,576.32	OOMA INC COM
Equities	157,310	6,658,532.68	OPEN TEXT CO COM NPV
Equities	35,218	120,093.38	OPKO HEALTH INC COM STK
Equities	589	12,834.31	OPPENHEIMER HLDGS INC CL A NON VTG SHS CL A NON VTG SHS

Investment Listing
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Equities	450	1,125.00	OPTICAL CABLE CORP COM NEW STK
Equities	1,434	10,668.96	OPTINOSE INC COM
Equities	2,635	36,573.80	OPTION CARE HEALTH INC COM NEW COM NEW
Equities	272,094	15,038,635.38	ORACLE CORP COM
Equities	133,410	1,595,040.90	ORANGE EUR4
Equities	4,697	54,626.11	ORASURE TECHNOLOGIES INC COM
Equities	6,752	25,995.20	ORBCOMM INC COM STK
Equities	3,642	17,153.82	ORCHID IS CAP INC COM
Equities	731	24,656.63	ORIC PHARMACEUTICALS INC COM
Equities	9,700	1,280,326.27	ORIENTAL LAND CO LTD NPV
Equities	1,272	27,984.00	ORIGIN BANCORP INC COM STK USD 5.00
Equities	3,700	178,942.51	ORION CORPORATION SER'B'NPV
Equities	618	1,940.52	ORION GROUP HLDGS INC FORMERLY ORION MARINE GROUP INC TO 05/20/2016 COM STK
Equities	395,200	4,866,507.86	ORIX CORP NPV
Equities	22,600	197,489.37	ORKLA ASA NOK1.25
Equities	2,900	290.00	ORLEANS HOMEBUILDERS INC COM
Equities	3,339	211,993.11	ORMAT TECHNOLOGIES INC COM
Equities	535	7,891.25	ORRSTOWN FINL SVCS INC COM
Equities	6,791	783,283.69	ORSTED A/S
Equities	1,459	46,688.00	ORTHOFIX MED INC COM USD0.10
Equities	851	37,239.76	ORTHOPEDIATRICS CORP COM
Equities	20,400	402,384.02	OSAKA GAS CO LTD NPV
Equities	4,754	340,481.48	OSHKOSH CORPORATION
Equities	1,159	86,507.76	OSI SYS INC COM
Equities	113,532	6,455,429.52	OTIS WORLDWIDE CORP COM USD0.01 WI
Equities	2,935	10,624.70	OTONOMY INC COM
Equities	23,300	1,226,713.63	OTSUKA CORP NPV
Equities	385,900	16,808,120.68	OTSUKA HOLDINGS CO LTD
Equities	600	6,270.00	OTTAWA BANCORP INC COM
Equities	2,630	102,017.70	OTTER TAIL CORP
Equities	9,894	140,197.98	OUTFRONT MEDIA INC COM
Equities	79,800	514,820.26	OVERSEA-CHINESE BANKING CORPORATION SGD0.5
Equities	6,877	12,791.22	OVERSEAS SHIPBUILDING GROUP INC NEW COM USD0.01 CL A (POST REV SPLT)
Equities	2,762	78,523.66	OVERSTOCK COM INC DEL COM
Equities	1,125	8,291.25	OVID THERAPEUTICS INC COM
Equities	4,871	37,117.02	OWENS & MINOR INC NEW COM
Equities	7,996	445,856.96	OWENS CORNING NEW COM STK
Equities	1,023	45,022.23	OXFORD INDS INC COM
Equities	1,949	5,457.20	OXFORD SQUARE CAP CORP COM
Equities	40	200.00	P & F INDS INC CL A NEW
Equities	48	1,476.00	P A M TRANSN SVCS INC COM
Equities	5,722	124,052.96	PAC PREMIER BANCORP COM
Equities	55,594	4,161,210.90	PACCAR INC COM
Equities	10,544	36,376.80	PACIFIC BIOSCIENCES OF CALIFORNIA INC COMMON STOCK
Equities	3,077	2,184.36	PACIFIC ETHANOL INC COM PAR \$.001 COM PAR \$.001
Equities	2,692	141,249.24	PACIRA BIOSCIENCES INC COM USD0.001
Equities	31,647	3,158,370.60	PACKAGING CORP AMER COM ISIN US6951561090
Equities	8,659	170,668.89	PACWEST BANCORP DEL COM
Equities	2,313	66,198.06	PAGERDUTY INC COM
Equities	12,364	6,330.37	PALATIN TECHNOLOGIES INC COMMON STOCK
Equities	3,100	6.82	PALM HBR HOMES INC COM
Equities	7,345	1,686,926.15	PALO ALTO NETWORKS INC COM USD0.0001
Equities	1,274	109,258.24	PALOMAR HLDGS INC COM
Equities	79,700	694,129.12	PANASONIC CORP
Equities	13,291	721,637.04	PANDORA A/S DKK0.01
Equities	1,313	3,518.84	PANHANDLE OIL & GAS INC CL A COM STK
Equities	1,585	125,864.85	PAPA JOHNS INTL INC COM
Equities	1,190	10,698.10	PAR PACIFIC HOLDINGS INC COM NEW COM NEW
Equities	906	27,116.58	PAR TECHNOLOGY CORP COM
Equities	15,206	117,238.26	PARAMOUNT GROUP INC COM
Equities	2,046	10,680.12	PARATEK PHARMACEUTICALS INC COM
Equities	4,393	2,724.10	PARETEUM CORP COM NEW COM NEW
Equities	2,737	30,490.18	PARK AEROSPACE CORP
Equities	17,509	173,164.01	PARK HOTELS & RESORTS INC COM
Equities	1,418	99,798.84	PARK NATL CORP COM
Equities	1,068	14,471.40	PARKE BANCORP INC COM
Equities	16,905	3,098,179.35	PARKER-HANNIFIN CORP COM
Equities	728	12,077.52	PARK-OHIO HLDGS CORP COM
Equities	154,153	1,646,354.04	PARSLEY ENERGY INC CL A CL A
Equities	4,781	173,263.44	PARSONS CORP DEL COM
Equities	1,910	1,732,313.86	PARTNERS GROUP HLG CHF0.01 (REGD)
Equities	2,467	3,675.83	PARTY CITY HOLDCO INC COM
Equities	783	21,399.39	PASSAGE BIO INC COM
Equities	25,155	1,540,743.75	PATRICK INDS INC COM
Equities	700	5,880.00	PATRIOT TRANSN HLDG INC COM
Equities	5,592	123,024.00	PATTERSON COS INC COM
Equities	17,480	60,655.60	PATTERSON-UTI ENERGY INC COM
Equities	63,402	4,802,701.50	PAYCHEX INC COM
Equities	3,666	1,135,470.18	PAYCOM SOFTWARE INC COM
Equities	2,901	423,226.89	PAYLOCITY HLDG CORP COM
Equities	138,398	24,113,083.54	PAYPAL HLDGS INC COM
Equities	446	4,330.66	PAYSIGN INC COM
Equities	7,824	80,117.76	PBF ENERGY INC CL A CL A
Equities	11,016	510,701.76	PC CONNECTION INC COM
Equities	1,340	16,991.20	PCSB FINL CORP COM
Equities	767	5,123.56	PCTEL INC
Equities	12,931	160,861.64	PDC ENERGY INC COM
Equities	1,596	31,217.76	PDF SOLUTIONS INC COM
Equities	9,424	27,423.84	PDL BIOPHARMA INC COM
Equities	787	8,011.66	PDL CMNTY BANCORP COM
Equities	49	98.49	PDS BIOTECHNOLOGY CORP COM

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Equities	4,632	13,340.16	PEABODY ENERGY CORP NEW
Equities	1,357	25,416.61	PEAPACK-GLADSTONE FINL CORP COM
Equities	9,521	130,056.86	PEBBLEBROOK HOTEL TR COM STK
Equities	2,917	295,112.89	PEGASYSTEMS INC COM
Equities	3,026	174,812.02	PELOTON INTERACTIVE INC
Equities	8,509	259,864.86	PENN NATL GAMING INC COM
Equities	1,184	11,283.52	PENN VA CORP NEW COM
Equities	1,923	43,459.80	PENNANT GROUP INC
Equities	1,570	13,188.00	PENNANTPARK FLOATING RATE CAP LTD COM
Equities	2,802	9,835.02	PENNANTPARK INVT CORP COM
Equities	1,011	22,959.81	PENNNS WOODS BANCORP INC COM
Equities	6,153	8,368.08	PENNSYLVANIA REAL ESTATE INVT TR SH BEN INT SH BEN INT
Equities	3,317	138,617.43	PENNYMAC FINL SVCS INC NEW COM
Equities	6,362	111,525.86	PENNYMAC MTG INVT TR COM REIT
Equities	2,702	104,594.42	PENSKE AUTOMOTIVE GROUP INC COM STK
Equities	5,958	226,344.42	PENTAIR PLC COM USD0.01
Equities	2,493	445,798.26	PENUMBRA INC COM
Equities	1,498	31,877.44	PEOPLES BANCORP INC COM STK
Equities	216	3,816.72	PEOPLES BANCORP INC COM PEOPLES BANCORP OF NORTH CAROLINA INC
Equities	350	13,366.50	PEOPLES FINL SVCS CORP COM
Equities	289,170	3,345,696.90	PEOPLES UTD FINL INC COM
Equities	306,894	40,589,800.44	PEPSICO INC COM
Equities	161	532.91	PERCEPTRON INC COM
Equities	4,494	71,589.42	PERDOCEO ED CORP COM
Equities	2,792	99,897.76	PERFICIENT INC COM STK
Equities	8,261	240,725.54	PERFORMANCE FOOD GROUP CO COM
Equities	4,883	3,261.36	PERFORMANT FINL CORP COM
Equities	7,551	740,677.59	PERKINELMER INC COM
Equities	40	255.60	PERMA-FIX ENVIRONMENTAL SVCS INC COM NEWCOM NEW
Equities	171	961.02	PERMA-PIPE INTL HLDSG INC COM
Equities	39,135	6,155,824.43	PERNOD RICARD NPV EUR 1.55
Equities	4,825	266,677.75	PERRIGO COMPANY LIMITED COM EURO.001
Equities	43,902	1,019,843.46	PERSPECTA INC COM
Equities	1,172	40,832.48	PETIO INC COM CL A COM CL A
Equities	1,633	58,200.12	PETMED EXPRESS INC COM STK
Equities	149,300	585,964.70	PETROL BRASILEIROS PRF NPV
Equities	119,300	1,940,201.24	PEUGEOT SA EUR1
Equities	17,660	756,731.00	PFD BK L A CAL COM
Equities	1,332	11,122.20	PFENEX INC COM
Equities	895,549	29,284,452.30	PFIZER INC COM
Equities	1,207	8,062.76	PFSWEB INC COM NEW STK
Equities	21,073	186,917.51	PG& E CORP COM
Equities	3,514	55,099.52	PGT INC COM
Equities	513	16,882.83	PHATHOM PHARMACEUTICALS INC COM
Equities	1,605	42,163.35	PHIBRO ANIMAL HEALTH CORP CL A COM CL A COM
Equities	140,077	9,813,794.62	PHILIP MORRIS INTL COM STK NPV
Equities	38,311	2,754,560.90	PHILLIPS 66 COM
Equities	21,388	238,048.44	PHOTRONICS INC COM
Equities	1,098	31,051.44	PHREESIA INC COM
Equities	24,001	420,497.52	PHYSICIANS RLTY TR COM
Equities	1,456	12,274.08	PICO HLDS INC COM NEW STK
Equities	54,721	908,915.81	PIEDMONT OFFICE REALTY TRU-A
Equities	5,421	16,805.10	PIERIS PHARMACEUTICALS INC
Equities	4,199	70,921.11	PILGRIMS PRIDE CORP
Equities	138,500	1,384,919.59	PING AN INSURANCE GROUP H CNY1
Equities	1,409	45,214.81	PING IDENTITY HLDSG CORP COM USD0.001
Equities	48,027	2,016,653.73	PINNACLE FINL PARTNERS INC COM
Equities	8,133	596,067.57	PINNACLE W. CAP CORP COM
Equities	5,867	130,071.39	PINTEREST INC CL A CL A
Equities	19,970	1,951,069.00	PIONEER NAT RES CO COM
Equities	14,086	833,327.76	PIPER SANDLER COMPANIES COM USD0.01
Equities	11,872	30,867.20	PITNEY BOWES INC COM
Equities	1,500	4,845.00	PIXELWORKS INC COM NEW STK
Equities	813	41,739.42	PJT PARTNERS INC COM CL A COM CL A
Equities	5,988	362,693.16	PLANET FITNESS INC CL A CL A
Equities	2,356	34,586.08	PLANTRONICS INC NEW COM
Equities	2,629	9,516.98	PLAYA HOTELS & RESORTS N V COMM STOCK
Equities	1,319	4,458.22	PLAYAGS INC COM
Equities	2,041	144,012.96	PLEXUS CORP COM
Equities	20,107	165,078.47	PLUG PWR INC COM NEW
Equities	3,449	62,254.45	PLURALSIGHT INC CL A CL A
Equities	2	4.24	PLUS THERAPEUTICS INC COM NEW COM NEW
Equities	1,109	14,195.20	PLYMOUTH INDL REIT INC COM
Equities	48,074	5,057,865.54	PNC FINANCIAL SERVICES GROUP COM STK
Equities	5,454	209,651.76	PNM RES INC COM
Equities	4,144	383,527.20	POLARIS INC
Equities	1,273	1,578.52	POLARITYTE INC COM
Equities	14,800	1,245,420.00	POLYUS PJSC GDR EA REP 0.5SHS REG S
Equities	2,975	808,813.25	POOL CORP COM STK
Equities	6,877	255,618.09	POPULAR INC COM NEW COM USD6 (POST REV. SPLIT)
Equities	6,530	273,019.30	PORTLAND GENERAL ELECTRIC CO COM NEW COMMNEW
Equities	4,938	432,667.56	POST HLDS INC COM STK
Equities	4,522,710	2,596,760.12	POSTAL SAVINGS BANK OF CHINA (LOCAL 1658)
Equities	291,870	2,537,278.81	POSTE ITALIANE SPA NPV
Equities	1,919	4,375.32	POTBELLY CORP COM
Equities	4,609	175,280.27	POTLATCHDELTIC CORPORATION
Equities	760	20,816.40	POWELL INDs INC COM
Equities	96,500	524,805.01	POWER ASSETS HLDSG NPV
Equities	2,062	243,584.06	POWER INTEGRATIONS INC COM
Equities	1,400	6,468.00	POWERFLEET COM USD0.01
Equities	1,001,186	57,622.22	PPC LIMITED NPV

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Equities	5,806	155,600.80	PPD INC COM
Equities	44,236	4,691,670.16	PPG IND INC COM
Equities	517,384	13,369,202.56	PPL CORP COM ISIN US69351T1060
Equities	3,544	46,922.56	PQ GROUP HLDGS INC COM
Equities	3,098	119,768.68	PRA GROUP INC COM
Equities	4,221	410,661.09	PRA HEALTH SCIENCES INC COM
Equities	5,185	25,873.15	PRECIGEN INC COMMON STOCK
Equities	913,400	161,062.20	PRECIOUS SHIPPING THB1(ALIEN MKT)
Equities	120,000	95,994.43	PRECISION TSUGAMI HKD1
Equities	26,613	202,258.80	PREFERRED APT CMNTYS INC COM
Equities	83	4,150.83	PREFORMED LINE PRODS CO COM
Equities	1,036	13,281.52	PREMIER FINL BANCORP INC CDT-CAP STK CDT-CAP STK
Equities	3,364	59,441.88	PREMIER FINL CORP
Equities	4,777	163,755.56	PREMIER INC CL A CL A
Equities	3,720	139,723.20	PRESTIGE CONSUMER HEALTHCARE INC COM
Equities	1,180	17,582.00	PREVAIL THERAPEUTICS INC COM
Equities	2,096	9,851.20	PRGX GLOBAL INC
Equities	4,786	288,739.38	PRICESMART INC COM STK
Equities	2,764	322,282.40	PRIMERICA INC COM
Equities	2,943	52,267.68	PRIMORIS SVCS CORP COM
Equities	72,200	-	PRIMUS COMMUNICATIONS CVR HELD BOOK ENTRY (DUMMY SETUP)
Equities	83,754	3,479,141.16	PRINCIPAL FINL GROUP INC COM STK
Equities	1,647	98,474.13	PRINCPIA BIOPHARMA INC COM
Equities	4,019	58,154.93	PROASSURANCE CORP COM
Equities	402,983	48,184,677.31	PROCTER & GAMBLE COM NPV
Equities	125	2,227.50	PRO-DEX INC COLO COM NEW COM NEW
Equities	6,239	-	PROGENICS PHARMACEUTICALS INC CONTRA
Equities	3,948	152,985.00	PROGRESS SOFTWARE CORP COM
Equities	127,001	10,174,050.11	PROGRESSIVE CORP OH COM
Equities	2,187	56,446.47	PROGNY INC COM
Equities	153,998	14,372,633.34	PROLOGIS INC COM
Equities	3,954	439,368.48	PROOPOINT INC COM
Equities	6,478	33,296.92	PROPETRO HLDG CORP COM
Equities	2,625	116,628.75	PROS HLDGS INC COM
Equities	12,850	65,663.50	PROSPECT CAP CORP COM
Equities	6,959	413,225.42	PROSPERITY BANSHARES INC COM
Equities	32,296	3,001,248.99	PROSUS N.V. EURO 0.05
Equities	1,955	34,525.30	PROTAGONIST THERAPEUTICS INC COM
Equities	315	4,747.05	PROTECTIVE INS CORP CL B CL B
Equities	4,017	5,503.29	PROTEOSTASIS THERAPEUTICS INC COM
Equities	928	9,706.88	PROTHENA CORP PLC USD0.01
Equities	1,608	180,851.76	PROTO LABS INC COM
Equities	2,236	31,549.96	PROVENTION BIO INC COM
Equities	14,567	1,149,481.97	PROVIDENCE SVC CORP COM STK
Equities	100	1,341.00	PROVIDENT FINL HLDGS INC COM
Equities	5,070	73,261.50	PROVIDENT FINL SVCS INC COM
Equities	44,087	2,684,898.30	PRUDENTIAL FINL INC COM
Equities	189,874	2,858,702.33	PRUDENTIAL GBP0.05
Equities	1,570	207,868.00	PS BUSINESS PKS INC CALIF COM
Equities	375	2,062.50	PSYCHEMEDICS CORP COM NEW
Equities	7,675	597,038.25	PTC INC COM
Equities	4,407	223,611.18	PTC THERAPEUTICS INC COM
Equities	37,997	1,867,932.52	PUB SERVICE ENTERPRISE GROUP INC COM
Equities	21,106	4,050,030.34	PUB STORAGE COM
Equities	471	4,926.66	PULSE BIOSCIENCES INC COM USD0.001
Equities	121,062	4,119,739.86	PULTE GROUP INC
Equities	2,546	26,554.78	PUMA BIOTECHNOLOGY INC COM .
Equities	6,875	531,404.40	PUMA SE NPV
Equities	2,063	18,958.97	PURE CYCLE CORP COLORADO
Equities	11,670	202,241.10	PURE STORAGE INC CL A CL A
Equities	38,706	1,859,823.30	PVH CORP COM USD1
Equities	643	-	PVTPL CALIENT NETWORKS INC OC-COM STK
Equities	3,077	10,738.73	PVTPL CYMABAY THERAPEUTICS INC COM
Equities	10,061	236,835.94	PVTPL DELUXE CORP COM STK
Equities	142,865	11,314.19	PVTPL DEVICECAPE SOFTWARE INC SER B PFDSTK
Equities	1,800	29,412.00	PVTPL FIRST FNDTN INC COM
Equities	124	-	PVTPL IFCO SYS N V WT RESTRICTED EXP
Equities	74,044	-	PVTPL MINERVA NETWORKS INC SER AD PFD STK
Equities	65,216	-	PVTPL MINERVA NETWORKS INC SER AV PFD STK
Equities	7,994	-	PVTPL RENAISSANCE COSMETICS INC COM
Equities	752,709	226,285.40	PVTPL VIANT TECHNOLOGY INC COM STK
Equities	152	826.88	PZENA INVT MGMT INC CL A SHS
Equities	3,507	300,865.53	Q2 HLDGS INC COM
Equities	346	14,282.88	QAD INC CL A STOCK
Equities	1,271	39,629.78	QCR HLDGS INC COM
Equities	18,883	24,359.07	QEP RES INC COM STK
Equities	8,164	902,366.92	QORVO INC COM
Equities	3,760	240,978.40	QTS RLTY TR INC COM CL A COM CL A
Equities	2,263	7,354.75	QUAD / GRAPHICS INC COM CL A COM STK
Equities	885	164,300.25	QUAKER CHEM CORP COM
Equities	215,846	19,687,313.66	QUALCOMM INC COM
Equities	2,284	237,581.68	QUALYS INC COM USD0.001
Equities	15,545	215,764.60	QUANEX BLDG PRODS CORP COM STK
Equities	10,685	419,172.55	QUANTA SVCS INC COM
Equities	1,029	28,184.31	QUANTERIX CORP COM
Equities	10,104	1,151,451.84	QUEST DIAGNOSTICS INC COM
Equities	350	1,071.00	QUICKLOGIC CORP COM NEW
Equities	2,559	572,550.66	GUIDEL CORP COM
Equities	2,984	31,212.64	QUINSTREET INC COM STK
Equities	367	1,317.53	QUMU CORP COM
Equities	5,088	37,244.16	QUOTIENT TECHNOLOGY INC COM

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Equities	29,615	281,342.50	QURATE RETAIL INC
	7,925	88,363.75	R1 RCM INC COM
Equities	14,561	225,841.11	RADIAN GROUP INC COM
Equities	2,371	9,318.03	RADIANT LOGISTICS INC COM STK
Equities	1,500	-	RADIO UNICA COMMUNICATIONS CORP COM ISINUS75040Q1067
Equities	1,684	22,952.92	RADIUS HEALTH INC COM NEW COM NEW
Equities	2,991	47,467.17	RADNET INC COM STK
Equities	1,192	17,129.04	RAFAEL HOLDINGS INC COM USD0.01 CLASS B WI
Equities	108,260	1,928,452.65	RAIFFEISEN BK INTL NPY (REGD)
Equities	3,485	252,732.20	RALPH LAUREN CORP CL A CL A
Equities	51,865	788,348.00	RAMBUS INC DEL COM
Equities	11,636	518,315.50	RANDSTAD N.V. EURO.10
Equities	77,786	437,935.18	RANGE RES CORP COM
Equities	3,504	178,774.08	RAPID7 INC COM
Equities	200	150.46	RAVE RESTAURANT GROUP INC COM
Equities	2,627	56,506.77	RAVEN INDS INC COM STOCK
Equities	52,930	3,643,171.90	RAYMOND JAMES FNCL INC COM STK
Equities	4,162	11,695.22	RAYONIER ADVANCED MATLS INC COM
Equities	9,105	225,712.95	RAYONIER INC REIT
Equities	225,608	13,901,964.96	RAYTHEON TECHNOLOGIES CORP
Equities	428	5,842.20	RBB BANCORP COM NPV
Equities	1,639	219,691.56	RBC BEARINGS INC COM
Equities	968	13,416.48	RCI HOSPITALITY HLDGS INC COM
Equities	483	647.22	RCM TECHNOLOGIES INC COM NEW
Equities	16,017	503,414.31	RE/MAX HLDGS INC CL A CL A
Equities	16,818	1,249,163.36	REA GROUP LIMITED NPV
Equities	1,558	6,621.50	READING INTL INC CL A CL A
Equities	22,945	199,392.05	READY CAP CORP COM
Equities	320	416.00	REALNETWORKS INC COM NEW
Equities	4,691	34,760.31	REALOGY HLDGS CORP COM
Equities	6,547	425,620.47	REALPAGE INC COM STK
Equities	25,561	1,520,879.50	REALTY INCOME CORP COM
Equities	1,656	258,369.12	REATA PHARMACEUTICALS INC CL A CL A
Equities	82,694	1.00	RECEIVABLE FROM LEHMAN (LBI)-BLACKROCK TBAS
Equities	504,445	-	RECEIVABLE FROM LEHMAN LBI
Equities	923,742	14,318.00	RECEIVABLE FROM LEHMAN LBI - PIMCO COLLATERAL SEIZURE
Equities	83,675	7,683,857.89	RECKITT BENCK GRP ORD GBP0.10
Equities	1,853	8,431.15	RECRO PHARMA INC COM
Equities	342,100	11,675,508.17	RECRUIT HLDGS CO L NPV
Equities	149,264	2,783,759.61	RED ELECTRICA CORP EUR0.5
Equities	2,147	5,002.51	RED LIONS HOTELS CORP COM
Equities	991	10,108.20	RED ROBIN GOURMET BURGERS INC COM
Equities	4,521	49,324.11	RED ROCK RESORTS INC CL A CL A
Equities	7,024	294,375.84	REDFIN CORP COM
Equities	7,720	54,040.00	REDWOOD TR INC COM
Equities	2,822	246,417.04	REGAL BELOIT CORP COM
Equities	12,727	584,042.03	REGENCY CTRS CORP COM
Equities	18,610	11,606,126.50	REGENERON PHARMACEUTICALS INC COM
Equities	1,938	71,376.54	REGENXBIO INC COM
Equities	653	11,564.63	REGIONAL MGMT CORP COM STK
Equities	75,003	834,033.36	REGIONS FINL CORP NEW COM
Equities	2,283	18,674.94	REGIS CORP MINN COM
Equities	350	238.53	REGULUS THERAPEUTICS INC COM NEW COM NEW
Equities	24,434	1,916,602.96	REINSURANCE GROUP AMER INC COM NEW STK
Equities	5,019	476,453.67	RELIANCE STL & ALUM CO COM
Equities	452	7,363.08	RELIANT BANCORP INC COM USD1.00
Equities	111	399.60	RELIV INTL INC COM NEW COM NEW
Equities	462	20,674.50	RELMADA THERAPEUTICS INC COM PAR \$ COM PAR \$
Equities	283,659	6,554,145.47	RELX PLC
Equities	149,322	3,454,846.79	RELX PLC ORD GBP0.1444
Equities	22,432	3,836,544.96	RENAISSANCE RE HLDGS LTD COM
Equities	3,808	94,819.20	RENASANT CORP COM
Equities	29,229	724,294.62	RENB ENERGY GROUP INC COM STK
Equities	1,003,030	2,737,524.22	REN-REDES ENERGET EUR1(REGD)
Equities	3,675	102,238.50	RENT A CTR INC NEW COM
Equities	491,690	3,095,983.93	RENTOKIL INITIAL ORD GBP0.01
Equities	3,832	9,350.08	REP 1ST BANCORP INC COM
Equities	2,159	70,620.89	REP BANCORP INC KY CDT-CL A COM STK
Equities	1,441	35,491.83	REPAY HLDGS CORP CL A CL A
Equities	28,492	3,521,896.12	REPLIGEN CORP COM STK USD0.01
Equities	683	16,972.55	REPLIMUNE GROUP INC COM
Equities	81,287	6,669,598.35	REPUBLIC SVCS INC COM
Equities	341	1,384.46	RESEARCH FRONTIERS INC COM
Equities	8,445	98,975.40	RESIDEO TECHNOLOGIES INC COM USD0.001
Equities	10,663	2,047,296.00	RESMED INC COM
Equities	3,457	7,294.27	RESOLUTE FST PRODS INC COM
Equities	275,600	939,571.58	RESONA HOLDINGS NPV
Equities	3,823	45,761.31	RESOURCES CONNECTION INC COM
Equities	667	1,434.05	RESTORBIO INC COM
Equities	8,523	96,565.59	RETAIL OPPORTUNITY INVTS CORP COM STK
Equities	17,854	130,691.28	RETAIL VALUE INC COM USD0.10
Equities	19,332	238,943.52	RETRACTABLE TECHNOLOGIES INC COM
Equities	258	1,811.16	RETROPHIN INC COM
Equities	3,112	63,515.92	REVOLUTION MEDICINES INC COM
Equities	2,361	14,402.10	REV GROUP INC COM
Equities	2,993	73,089.06	REVANCE THERAPEUTICS INC COM
Equities	169	1,673.10	REVLON INC CL A NEW COM STK
Equities	1,366	43,124.62	REVOLUTION MEDICINES INC COM
Equities	754	11,204.44	REVOLVE GROUP INC CL A CL A
Equities	299	20,741.63	REX AMERICAN RESOURCES CORP
Equities	107	303.88	REXAHN PHARMACEUTICALS INC

COM USD0.0001 (POST REV SPLIT)

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Equities	8,851	366,696.93	REXFORD INDL RLTY INC COM
Equities	80,899	2,358,205.85	REXNORD CORP COM USD0.01
Equities	1,955	67,916.70	REYNOLDS CONSUMER PRODS INC COM
Equities	256	1,192.96	RF IND'S LTD COM PAR \$0.01 COM PAR \$0.01
Equities	643	15,541.31	RGC RES INC COM
Equities	1,033	257,113.70	RH COM
Equities	2,263	50,464.90	RHYTHM PHARMACEUTICALS INC COM
Equities	5,077	19,952.61	RIBBON COMMUNICATIONS INC COM STK USD0.0001
Equities	2,500	10,100.00	RICHARDSON ELECTRS LTD COM
Equities	13,931	888,596.53	RICHEMONT(CIE FIN) CHF1 (REGD)
Equities	12,059	22,067.97	RIGEL PHARMACEUTICALS INC COM NEW STK
Equities	306,660	2,068,843.68	RIGHTMOVE COM STCK
Equities	553	1,188.95	RIGNET INC COM
Equities	2,461	2,854.76	RING ENERGY INC COM
Equities	5,302	1,511,123.02	RINGCENTRAL INC CL A CL A
Equities	2	-	RIO GRANA RES INC COM
Equities	50,380	3,397,902.33	RIO TINTO LIMITED NPV
Equities	96,863	5,444,421.68	RIO TINTO ORD GBP0.10
Equities	4,094	69,843.64	RITE AID CORP COM USD1.00(POST REV SPLIT)
Equities	2,342	13,232.30	RIVERVIEW BANCORP INC COM STK
Equities	3,052	250,569.20	RLI CORP COM
Equities	127,065	1,199,493.60	RLJ LODGING TR COM REIT
Equities	1,068	31,473.96	RMR GROUP INC CL A CL A
Equities	40,057	2,116,211.31	ROBERT HALF INT'L INC COM
Equities	77,025	26,691,107.33	ROCHE HLDGS AG GENUSSCHEINE NPV
Equities	2,534	53,036.62	ROCKET PHARMACEUTICALS INC COM USD0.01
Equities	8,695	1,852,035.00	ROCKWELL AUTOMATION
Equities	3,783	7,376.85	ROCKWELL MEDICAL INC COM
Equities	440	9,046.40	ROCKY BRANDS INC COM STK
Equities	1,214	5,159.50	ROCKY MTN CHOCOLATE FACTORY INC DEL COM
Equities	1,319	164,347.40	ROGERS CORP COM
Equities	3,944	459,594.32	ROKU INC COM CL A COM CL A
Equities	11,441	484,983.99	ROLLINS INC COM
Equities	11,693	4,539,924.18	ROPER TECHNOLOGIES , INC
Equities	1,946	32,809.56	ROSETTA STONE INC COM
Equities	35,138	2,995,163.12	ROSS STORES INC COM
Equities	89,582	6,058,295.16	ROYAL BK OF CANADA COM NPV
Equities	12,810	644,343.00	ROYAL CARIBBEAN GROUP COM STK
Equities	28,355	450,906.09	ROYAL DUTCH SHELL 'A'SHS EURO0.07(GBP)
Equities	225,960	3,417,361.22	ROYAL DUTCH SHELL 'B'ORD EURO0.07
Equities	4,504	559,937.28	ROYAL GOLD INC COM STK USD0.01
Equities	6,162	18,978.96	RPC INC COM
Equities	13,400	1,005,804.00	RPM INT'L INC
Equities	6,573	45,748.08	RPT REALTY COM USD0.01 SHS OF BENEFICIALINTEREST
Equities	100,923	511,022.48	RSA INSURANCE GRP ORD GBP1.00
Equities	135	1,082.70	RUBICON TECHNOLOGY INC COM USD0.001(POST REV SPLIT)
Equities	2,411	14,417.78	RUBIUS THERAPEUTICS INC COM
Equities	1,777	73,674.42	RUSH ENTERPRISES INC CL A CL A
Equities	187	6,668.42	RUSH ENTERPRISES INC CL B CL B COM
Equities	-50	(309,250.00)	RUSSELL 2000 OPEN/EURO INDEX CALL OPTIONW/STK \$1460.00 PER SHARE 21-AUG-2020
Equities	-5	(24,625.00)	RUSSELL 2000 OPEN/EURO INDEX PUT OPTION W/STK \$1360.00 PER SHARE 21-AUG-2020
Equities	-15	(93,000.00)	RUSSELL 2000 OPEN/EURO INDEX PUT OPTION W/STK \$1400.00 PER SHARE 21-AUG-2020
Equities	-30	(220,260.00)	RUSSELL 2000 OPEN/EURO INDEX PUT OPTION W/STK \$1430.00 PER SHARE 21-AUG-2020
Equities	2,314	18,882.24	RUTHS HOSPITALITY GROUP INC
Equities	6,830	238,648.38	RWE AG NPV
Equities	4,438	166,469.38	RYDER SYS INC COM
Equities	1,709	9,621.67	RYERSON HLDG CORP COM STOCK
Equities	17,400	146,512.36	RYMAN HEALTHCARE NPV
Equities	4,086	141,375.60	RYMAN HOSPITALITY PPTYS INC COM
Equities	2,889	67,747.05	S & T BANCORP INC COM STK
Equities	31,062	10,234,307.76	S&P GLOBAL INC COM
Equities	9,404	296,305.94	S&T MOTIV CO LTD
Equities	55,581	1,899,758.58	S.W. AIRL CO COM
Equities	15,139	218,455.77	SABRA HEALTH CARE REIT INC COM
Equities	18,546	149,480.76	SABRE CORP COM
Equities	645	4,515.00	SAFEGUARD SCIENTIFICS INC COM NEW COM NEW
Equities	1,074	61,744.26	SAFEHOLD INC COM COM USD0.01
Equities	1,173	89,452.98	SAFETY INS GROUP INC COM
Equities	41,642	4,172,838.46	SAFRAN SA EURO0.20
Equities	750	19,200.00	SAGA COMMUNICATIONS INC CL A NEW CL A NEW
Equities	3,317	137,920.86	SAGE THERAPEUTICS INC COM
Equities	1,834	203,904.12	SAIA INC COM STK
Equities	6,072	160,725.84	SAILPOINT TECHNOLOGIES HLDGS INC COM
Equities	123,284	307,257.01	SAIPEM NPV
Equities	502	567.26	SALEM MEDIA GROUP INC COM STK
Equities	118,554	22,208,720.82	SALESFORCE COM INC COM STK
Equities	6,663	83,487.39	SALLY BEAUTY HLDGS INC COM STK USD0.01
Equities	427,085	18,747,215.36	SAMSUNG ELECTRONIC KRW100
Equities	1,401	162,361.89	SANDERSON FARMS INC COM
Equities	2,594	3,346.26	SANDRIDGE ENERGY INC SANDRIDGE ENERGY I COM USD0.001
Equities	454,958	1,784,505.83	SANDS CHINA LTD USD0.01
Equities	156,151	2,917,989.74	SANDVIK AB NPV
Equities	2,843	70,449.54	SANDY SPRING BANCORP INC CMT-COM
Equities	562	47,955.46	SAN FILIPPO JOHN B & SON INC COM
Equities	10,344	92,682.24	SANGAMO THERAPEUTICS INC COM
Equities	4,536	113,581.44	SANMINA CORP COM
Equities	138,826	1,080,660.46	SANNE GROUP PLC ORD GBP0.01
Equities	222,397	22,643,028.16	SANOFI EUR2
Equities	9,700	495,185.00	SANOFI SPONSORED ADR
Equities	6,934	127,654.94	SANTANDER CONSUMER USA HLDGS INC COM
Equities	75,390	1,385,719.70	SANTEN PHARM CO NPV

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Equities	18,215	2,543,360.67	SAP SE
Equities	34,100	4,774,000.00	SAP SE-SPONSORED ADR
Equities	1,200	18,960.00	SARATOGA INVT CORP COM NEW STK
Equities	5,350	857,819.00	SAREPTA THERAPEUTICS INC COM
Equities	27,838	9,148,504.92	SARTORIUS AG NON VTG PRF NPV
Equities	1,423	45,920.21	SAUL CTRS INC COM
Equities	2,816	7,011.84	SAVARA INC COM
Equities	24,591	7,326,150.72	SBA COMMUNICATIONS CORP COM USD0.01 CL A
Equities	1,000	4.20	SCAN OPTICS INC COM
Equities	2,445	58,900.05	SCANSOURCE INC COM
Equities	138,200	206,477.02	SCENTRE GROUP
Equities	263,190	4,840,064.10	SCHLUMBERGER LTD COM COM
Equities	69,272	7,693,145.71	SCHNEIDER ELECTRIC EUR4.00
Equities	3,109	76,699.03	SCHNEIDER NATL INC WIS CL B CL B
Equities	32,748	577,674.72	SCHNITZER STL INDs INC CL A
Equities	7	127.47	SCHOLAR ROCK HLDG CORP COM
Equities	2,171	64,999.74	SCHOLASTIC CORP COM
Equities	497	45,510.29	SCHRODINGER INC COM
Equities	489,142	16,503,651.08	SCHWAB CHARLES CORP COM NEW
Equities	2,278	76,107.98	SCHWEITZER-MAUDUIT INTL INC COM
Equities	3,865	300,233.20	SCIENCE APPLICATIONS INTL CORP NEW COM USD0.0001
Equities	3,040	46,998.40	SCIENTIFIC GAMES CORP
Equities	5,851	86,770.33	SCIPLAY CORP CL A CL A
Equities	23,548	3,166,499.56	SCOTTS MIRACLE-GRO CLASS'A'COM NPV
Equities	419	3,083.84	SCPHEMACEUTICALS INC COM
Equities	3,290	28,787.50	SCRIPPS E W CO OHIO CL A NEW COM STK
Equities	12,300	597,413.91	SCSK CORP NPV
Equities	2,683	34,691.19	SCULPTOR CAP MGMT COM USD0.01 CL A A
Equities	17	49,874.94	SEABOARD CORP DEL COM
Equities	460	694.60	SEACHANGE INTL INC COM
Equities	3,699	75,459.60	SEACOAST BKG CORP FLA COM NEW COM NEW
Equities	2,720	77,030.40	SEACOR HLDGS INC COM
Equities	2,177	5,551.35	SEACOR MARINE HLDGS INC COM
Equities	8,187	396,332.67	SEAGATE TECHNOLOGY PLC COM USD0.00001
Equities	70,691	2,322,199.35	SEALED AIR CORP NEW COM STK
Equities	1,207	12,637.29	SEASPIRE HLDGS CORP COM
Equities	10,232	1,738,621.44	SEATTLE GENETICS INC COM
Equities	3,376	49,998.56	SEAWORLD ENTMT INC COM
Equities	133	130.30	SECOND SIGHT MED PRODS INC COM NEW COM NEW
Equities	3,806	43,502.58	SECUREWORKS CORP CL A CL A
Equities	77,000	920,702.60	SEGA SAMMY HLDGS I NPV
Equities	300,370	3,321,677.71	SEGRO PLC ORD GBP0.10
Equities	10,238	562,885.24	SEI INVTS CO COM
Equities	449,400	6,423,272.93	SEKISUI CHEMICAL CO LTD NPV
Equities	976	7,944.64	SELECT BANCORP INC NEW COM
Equities	10,927	53,542.30	SELECT ENERGY SVCS INC CL A COM CL A COM
Equities	2,230	7,805.00	SELECT INTERIOR CONCEPTS INC COM USD0.01CLASS A
Equities	6,903	101,681.19	SELECT MED HLDGS CORP COM
Equities	2,258	6,412.72	SELECTA BIOSCIENCES INC COM
Equities	4,610	243,131.40	SELECTIVE INS GROUP INC COM
Equities	1,294	32,777.02	SELECTQUOTE INC COM
Equities	68,807	8,066,244.61	SEMPRA ENERGY INC COM STK
Equities	4,352	227,261.44	SEMTECH CORP COM
Equities	71	51.12	SENECA BIOPHARMA INC COM
Equities	2,149	72,657.69	SENECA FOODS CORP NEW CL A
Equities	79,680	2,966,486.40	SENSATA TECHNOLOGIES B V HOLDING
Equities	4,033	1,572.87	SENSEONICS HLDGS INC COM
Equities	3,004	156,688.64	SENSIENT TECHNOLOGIES CORP COM
Equities	1,478	7,035.28	SERES THERAPEUTICS INC COM
Equities	1,664	18,969.60	SERITAGE GROWTH PPTYS CL A
Equities	13,677	531,898.53	SERVICE CORP INTL COM
Equities	12,333	87,440.97	SERVICE PPTYS TR COM SH BEN INT
Equities	9,244	329,918.36	SERVICEMASTER GLOBAL HLDGS INC COM
Equities	48,035	19,457,057.10	SERVICENOW INC COM USD0.001
Equities	5,349	8,451.42	SERVICESOURCE INTERNATIONAL
Equities	3,284	117,435.84	SERVISFIRST BANCSHARES INC COMMON STOCK
Equities	2,510	23,317.90	SFL CORPORATION LTD COM USD
Equities	1,489	78,887.22	SHAKE SHACK INC CL A CL A
Equities	552,000	1,227,861.61	SHANDONG WEIGAO GP 'HCNY0.1
Equities	3,337	164,480.73	SHENANDOAH TELECOMMUNICATIONS CO CDT-COMCDT-COM
Equities	11,610	6,708,838.50	SHERWIN-WILLIAMS CO COM
Equities	479	775.98	SHILOH INDs INC COM
Equities	32,452	3,788,598.41	SHIN-ETSU CHEMICAL NPV
Equities	58,192	1,390,879.99	SHINHAN FIN GROUP KRW5000
Equities	236,400	2,844,206.33	SHINSEI BANK NPV
Equities	99,100	6,200,352.23	SHIONOGI & CO LTD NPV
Equities	1,014,600	1,615,411.23	SHN INTL HLDGS HKD1
Equities	1,197	56,701.89	SHOCKWAVE MED INC COM
Equities	25,362	742,345.74	SHOE CARNIVAL INC COM
Equities	11,475	10,892,070.00	SHOPIFY INC CL A SHOPIFY INC
Equities	1,177	1,114,580.98	SHOPIFY INC COM NPV CL A
Equities	851	9,437.59	SHORE BANCSHARES INC COM
Equities	320	8,064.00	SHOTSPOTTER INC COM
Equities	1,478	51,685.66	SHUTTERSTOCK INC COM
Equities	3,968	66,821.12	SHYFT GROUP INC COM
Equities	1,565	24,946.10	SI-BONE INC COM
Equities	43,121	5,073,668.49	SIEMENS AG NPV(REGD)
Equities	1,618	6,261.66	SIENTRA INC COM
Equities	1,036	19,559.68	SIERRA BANCORP COM STK
Equities	56	681.52	SIERRA ONCOLOGY INC COM NEW COM NEW
Equities	369	1,476.00	SIFCO INDs INC COM STK

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Equities	2,566	15,165.06	SIGA TECHNOLOGIES INC COM
Equities	27	90.18	SIGMATRON INTL INC COM
Equities	3,835	410,038.20	SIGNATURE BK NY N Y COM
Equities	3,903	40,083.81	SINET JEWELERS LTD ORD USD0.18
Equities	29,344	757,697.86	SIGNIFY NV EURO0.01
Equities	7,819	1,504,717.06	SIIKA AG -ORDSHR VOTING BO
Equities	6,169	199,813.91	SILGAN HLDGS INC COM
Equities	1,300	26.00	SILICON GRAPHICS INC COM NEW STK
Equities	2,844	285,167.88	SILICON LABORATORIES INC COM
Equities	1,622	67,945.58	SILK RD MED INC COM
Equities	10,603	1,081,077.21	SILTRONIC AG NPV
Equities	895	2,872.95	SILVERBOW RESOURCES INC COM USD0.01
Equities	8,121	138,950.31	SIMMONS 1ST NATL CORP CL A \$0.01 PAR CL A \$0.01 PAR
Equities	50,302	3,439,650.76	SIMON PROPERTY GROUP INC COM
Equities	5,834	108,395.72	SIMPLY GOOD FOODS CO COM
Equities	2,856	240,932.16	SIMPSON MFG INC COM
Equities	1,132	67,716.24	SIMULATIONS PLUS INC COM
Equities	7,300	134,758.00	SINCLAIR BROADCAST GROUP INC CL A
Equities	3,864,771	254,312.10	SINGAMAS CONTAINER (HK) HKD0.10
Equities	349,500	2,089,408.98	SINGAPORE EXCHANGE NPV
Equities	4,498,500	7,932,554.39	SINGAPORE TELECOMMUNICATIONS
Equities	133,844	430,503.67	SINO-AMERICAN SILI TWD10
Equities	2,779,776	667,107.50	SINOPEC S/PETROCHE 'H'CNY1
Equities	100,111	587,651.57	SIRIUS XM HLDGS INC COM
Equities	12,087	97,904.70	SITE CENTERS CORP
Equities	2,827	322,193.19	SITEONE LANDSCAPE SUPPLY INC COM
Equities	5,695	109,400.95	SIX FLAGS ENTMT CORP NEW COM
Equities	1,888	31,133.12	SIXTH STR SPECIALTY LENDING INC COM
Equities	1,876	116,518.36	SJW GROUP COM STK USD1.042
Equities	24,210	1,712,824.54	SK HYNIX INC
Equities	8,660	271,750.80	SKECHERS U S A INC CL A CL A ISIN #US8305661055
Equities	4,281	104,199.54	SKYLINE CHAMPION CORPORATION COM USD0.0277
Equities	3,526	115,018.12	SKYWEST INC COM
Equities	53,710	6,867,360.60	SKYWORKS SOLUTIONS INC COM
Equities	13,172	649,247.88	SL GREEN RLTY CORP COM STK
Equities	32,062	996,807.58	SLACK TECHNOLOGIES INC CL A COM CL A COM
Equities	1,881	78,324.84	SLEEP NUMBER CORP COM
Equities	27,717	194,850.51	SLM CORP COM
Equities	7,236	27,135.00	SM ENERGY CO COM
Equities	32,706	888,949.08	SMART GLOBAL HOLDINGS INC COMN STOCK
Equities	208	218.40	SMART SAND INC COM
Equities	529	8,559.22	SMARTFINANCIAL INC COM NEW COM NEW
Equities	3,802	193,597.84	SMARTSHEET INC CL A CL A
Equities	1,663	850,575.52	SMC CORP NPV
Equities	4,573	36,126.70	SMILEDIRECTCLUB INC CL A CL A
Equities	281,702	5,240,208.82	SMITH & NEPHEW ORD USD0.20
Equities	4,455	95,871.60	SMITH & WESSON BRANDS INC
Equities	9,901	466,535.12	SMITH A O CORP COM
Equities	800	3,568.00	SMITH MICRO SOFTWARE INC COM NEW COM NEW
Equities	24,174	2,557,850.94	SMUCKER J M CO COM NEW
Equities	4,607	153,988.72	SMURFIT KAPPA GROUP PLC ORD EUR0.001
Equities	23,898	791,360.29	SMURFIT KAPPA GRP ORD EUR0.001
Equities	65,569	1,540,215.81	SNAP INC SNAP INC
Equities	42,008	5,818,528.08	SNAP-ON INC COM
Equities	13,970	3,687,245.40	SOFINA NPV
Equities	6,600	307,104.79	SOHGO SECURITY SER NPV
Equities	1,400	22,414.00	SOLAR CAP LTD COM STK
Equities	1,730	240,089.40	SOLAREDGE TECHNOLOGIES INC COM
Equities	1,329	9,861.18	SOLARIS OILFIELD INFRASTRUCTURE INC CL ACL A
Equities	5,041	89,074.47	SOLARWINDS CORP COM
Equities	1,050	3,076.50	SOLID BIOSCIENCES INC COM
Equities	19,750	1,580,704.51	SOLVAY SA NPV
Equities	1,797	57,342.27	SONIC AUTOMOTIVE INC CL A
Equities	7,107	371,625.03	SONOCO PROD CO COM
Equities	2	14.24	SOMONA PHARMACEUTICALS INC COM NEW COM NEW
Equities	6,491	94,963.33	SONOS INC COM
Equities	7,914	1,579,793.26	SONOVA HOLDING AG COMMON STOCK
Equities	19,200	461,825.09	SONY FINANCIAL HOL NPV
Equities	3,883	24,385.24	SORRENTO THERAPEUTICS INC COM NEW COM NEW
Equities	533	1,337.83	SOTHERLY HOTELS INC COM
Equities	7,445	186,050.55	SOUTH JERSEY INDs INC COM
Equities	5,100	243,049.80	SOUTH ST CORP COM
Equities	144,679	7,501,606.15	SOUTHERN CO COM STK
Equities	474	13,134.54	SOUTHERN FIRST BANCSHARES COM
Equities	521	12,660.30	SOUTHERN MO BANCORP INC COM
Equities	1,466	14,205.54	SOUTHERN NATL BANCORP VA INC COM
Equities	29,697	1,181,049.69	SOUTHN COPPER CORP DEL COM
Equities	2,610	72,349.20	SOUTHSIDE BANCSHARES INC CMT-COM CMT-COM
Equities	12,222	843,929.10	SOUTHWEST GAS HLDGS INC COM
Equities	93,291	238,824.96	SOUTHWESTERN ENERGY CO COM
Equities	2,434	50,408.14	SP PLUS CORP COM
Equities	800	600.08	SPAR GROUP INC COM
Equities	1,862	13,164.34	SPARK ENERGY INC CL A COM CL A COM
Equities	3,840	81,600.00	SPARTANNASH CO COM NPV
Equities	3,184	146,145.60	SPECTRUM BRANDS HLDGS INC COM USD0.01
Equities	7,679	25,955.02	SPECTRUM PHARMACEUTICALS INC COM
Equities	458	6,196.74	SPERO THERAPEUTICS INC COM
Equities	3,690	242,469.90	SPIRE INC COM
Equities	7,721	184,840.74	SPIRIT AEROSYSTEMS HLDGS INC CL A
Equities	5,648	100,534.40	SPIRIT AIRLS INC COM
Equities	523	6,438.13	SPIRIT OF TEX BANCSHARES INC COM

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Equities	7,402	258,033.72	SPIRIT REALTY CAPITAL INC COM	USD0.01(POST REV SPLIT)
Equities	60,712	12,063,474.40	SPLUNK INC COMSTK COM USD0.001	
Equities	2,965	27,722.75	SPOK HLDGS INC COM	
Equities	2,435	34,698.75	SPORTSMANS WHSE HLDGS INC COM	
Equities	4,566	1,178,895.54	SPOTIFY TECHNOLOGY'S A COM EURO0.025	
Equities	1,736	2,551.92	SPRING BK PHARMACEUTICALS INC COM	USD0.0001
Equities	1,204	50,568.00	SPRINGWORKS THERAPEUTICS INC COM	
Equities	8,361	213,957.99	SPROUTS FMRS MKT INC COM	
Equities	10,748	807,389.76	SPS COMM INC COM	
Equities	52,251	2,150,128.65	SPX CORP COM	
Equities	57,431	2,150,216.64	SPX FLOW INC COM	
Equities	113,190	11,878,158.60	SQUARE INC CL A CL A	
Equities	74,136	4,187,201.28	SS&C TECHNOLOGIES HLDGS INC COM	
Equities	1,721	30,719.85	ST AUTO FINL CORP COM	
Equities	2,399	46,588.58	ST JOE CO COM	
Equities	2,388	146,957.52	STAAR SURGICAL CO COM NEW PAR \$0.01	
Equities	10,865	318,561.80	STAG INDL INC COM	
Equities	2,202	404,485.38	STAMPS COM INC COM NEW	
Equities	298,180	1,793,370.36	STANDARD BK GR LTD ZAR0.1	
Equities	563,913	3,066,488.76	STANDARD CHARTERED PLC	SHS
Equities	1,580	65,096.00	STANDARD MTR PRODS INC COM	
Equities	927	53,348.85	STANDEX INTL CORP COM	
Equities	14,851	2,069,932.38	STANLEY BLACK & DECKER INC COM	
Equities	124,587	9,168,357.33	STARBUCKS CORP COM	
Equities	247	837.33	STARRETT L'S CO CL A	
Equities	3,234	16,428.72	STARTEK INC COM	
Equities	20,744	310,330.24	STARWOOD PROPERTY TRUST INC COM REIT	
Equities	29,744	1,890,231.20	STATE STR CORP COM	
Equities	223,391	738,634.67	STD LIFE ABERDEEN ORD GBP0.1396825396	
Equities	6,252	3,751.83	STEEL CONNECT INC COM USD0.01	
Equities	15,990	417,179.10	STEEL DYNAMICS INC COM	
Equities	63,490	765,689.40	STEELCASE INC CL A COM	
Equities	1,191	500.22	STEIN MART INC COM	
Equities	1,300	9,464.00	STELLUS CAP INV'T CORP COM	
Equities	1,543	-	STEMLINE THERAPEUTICS INC SHS	
Equities	12,482	1,212,002.20	STEPAN CO COM	
Equities	310,652	17,390,298.96	STERICYCLE INC COM	
Equities	34,727	5,328,510.88	STERIS PLC ORD USD0.001	
Equities	15,138	177,417.36	STERLING BANCORP DEL COM	
Equities	1,107	3,963.06	STERLING BANCORP INC COM	
Equities	1,776	18,594.72	STERLING CONSTR INC COM	
Equities	2,116	68,791.16	STEWART INFORMATION SVCS CORP COM	
Equities	74,185	3,518,594.55	STIFEL FINL CORP COM	
Equities	1,385	34,541.90	STITCH FIX INC CL A CL A	
Equities	1,784	71,716.80	STK YARDS BANCORP INC COM NPV	
Equities	92,483	2,513,709.28	STMICROELECTRONICS EUR1.04	
Equities	672	16,013.76	STOKE THERAPEUTICS INC COM	
Equities	2,579	53,282.14	STONERIDGE INC COM	
Equities	16,202	385,769.62	STORE CAPITAL CORPORATION COM USD0.01	
Equities	25,983	-	STRABAG SE RIGHTS	31/12/2049
Equities	1,422	218,490.30	STRATEGIC ED INC	
Equities	79	1,259.26	STRATTEC SEC CORP COM	
Equities	36	713.16	STRATUS PPTYS INC COM NEW COM NEW	
Equities	1,200	1,596.00	STREAMLINE HEALTH SOLUTIONS INC COM STK	
Equities	1,337	5,053.86	STRONGBRIDGE BIOPHARMA PLC COM USD0.01	
Equities	31,554	5,685,715.26	STRYKER CORP	
Equities	1,357	103,132.00	STURM RUGER & CO INC COM	
Equities	27,600	421,860.31	SUMCO CORPORATION NPV	
Equities	99,700	297,570.56	SUMITOMO CHEMICAL CO. LTD NPV	
Equities	104,500	1,195,766.32	SUMITOMO CORP NPV	
Equities	3,800	43,658.53	SUMITOMO ELECTRIC NPV	
Equities	691	11,387.68	SUMMIT FINL GROUP INC COM	
Equities	37,913	224,824.09	SUMMIT HOTEL PROPERTIES INC COM	
Equities	9,264	148,965.12	SUMMIT MATLS INC CL A CL A	
Equities	7,468	1,013,258.24	SUN COMMUNITIES INC COM	
Equities	176,320	2,251,077.55	SUN HUNG KAI PROP NPV	
Equities	6,406	18,961.76	SUNCOKE ENERGY INC COM COM USD0.01	
Equities	28,177	473,547.38	SUNCOR ENERGY INC COM NPV 'NEW'	
Equities	504,800	16,704,231.36	SUNDRUG CO LTD NPV	
Equities	1,373	23,437.11	SUNNOVA ENERGY INT'L INC COM	
Equities	52,100	833,551.60	SUNNY OPTICAL TECH HKD0.10	
Equities	7,701	58,989.66	SUNPOWER CORP COM	
Equities	6,574	129,639.28	SUNRUN INC COM	
Equities	17,024	138,745.60	SUNSTONE HOTEL INVS INC NEW COM	
Equities	25,600	997,803.22	SUNTORY BEVERAGE & NPV	
Equities	2,205	62,599.95	SUPER MICRO COMPUTER INC COM	USD0.001
Equities	619	8,294.60	SUPERIOR GROUP OF COS INC	
Equities	2,929	4,979.30	SUPERIOR INDS INT'L INC COM	
Equities	50,142	1,190,872.50	SUPERNUS PHARMACEUTICALS INC COM STK	
Equities	274	386.34	SUPPORT COM INC COM NEW COM NEW	
Equities	1,115	12,900.55	SURGERY PARTNERS INC COM	
Equities	5,707	246,770.68	SURMODICS INC COM	
Equities	795	6,733.65	SURO CAP CORP COM	
Equities	6,073	1,308,913.69	SVB FINANCIAL GROUP COMMON STOCK	
Equities	610,553	7,261,115.57	SVENSKA CELLULOSA SER'B/NPV	
Equities	94,367	895,795.97	SVENSKA HANDELSBANKEN SER'A/NPV (P/S)	
Equities	7,374	173,583.96	SVMK INC COM	
Equities	67,100	859,937.85	SWEDBANK AB SER'A/NPV	
Equities	68,647	4,826,175.18	SWEDISH MATCH NPV	
Equities	66,900	169,872.98	SWIRE PROPERTIES LTD	HKD1
Equities	3,070	1,137,217.03	SWISS LIFE HOLDINGS AG	

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Equities	2,158	38,455.56	SWITCH INC CL A CL A
Equities	28,488	787,978.08	SYKES ENTERPRISES INC COM
Equities	5,920	688,176.49	SYMRISE AG NPV (BR)
Equities	588	4,398.24	SYNALLOY CORP COM
Equities	2,470	148,496.40	SYNAPTICS INC COM
Equities	3,249	11,468.97	SYNCHRONOSS TECHNOLOGIES INC COM STK
Equities	420,438	9,316,906.08	SYNCHRONY FINL COM
Equities	793	11,752.26	SYNDAX PHARMACEUTICALS INC COM
Equities	50,175	2,922,693.75	SYNEOS HEALTH INC COM
Equities	1,644	3,337.32	SYNLOGIC INC COM USD0.001
Equities	2,523	302,179.71	SYNTEX CORP COM STK
Equities	101,022	19,699,290.00	SYNOPSYS INC COM
Equities	33,315	683,956.95	SYNOVIS FINL CORP COM NEW COM NEW
Equities	205	152.64	SYPRIS SOLUTIONS INC COM STOCK
Equities	1,981	21,117.46	SYROS PHARMACEUTICALS INC COM
Equities	89,950	4,916,667.00	SYSCO CORP COM
Equities	1,215	24,956.10	SYSTEMAX INC COM
Equities	81,179	10,025,606.50	T ROWE PRICE GROUP INC
Equities	2,564	3,256.28	T2 BIOSYSTEMS INC COM
Equities	1,579	86,418.67	TABULA RASA HEALTHCARE INC COM
Equities	1,277	52,906.11	TACTILE SYS TECHNOLOGY INC COM
Equities	3,682	3,453.71	TAILORED BRANDS INC COM
Equities	1,213,427	12,872,702.51	TAIWAN SEMICON MAN TWD10
Equities	12,000	372,062.84	TAIYO YUDEN CO LTD NPV
Equities	25,700	916,657.55	TAKEDA PHARMACEUTICAL CO NPV
Equities	8,587	1,198,487.59	TAKE-TWO INTERACTIVE SOFTWARE INC COM STK USD0.01
Equities	3,004	27,636.80	TALOS ENERGY INC COM STK
Equities	4,197	415,167.24	TANDEM DIABETES CARE INC COM NEW COM USD0.001(POST REV SPLT)
Equities	2,000	6,680.00	TANDY LEATHER FACTORY INC COM
Equities	7,708	54,958.04	TANGER FACTORY OUTLET CTRS INC COM
Equities	31,438	417,496.64	TAPESTRY INC COM USD0.01
Equities	25,659	514,976.13	TARGA RES CORP COM
Equities	67,213	8,060,855.09	TARGET CORP COM STK
Equities	6,858	11,590.02	TARGET HOSPITALITY CORP COM
Equities	4,437	167,541.12	TAUBMAN CTRS INC COM
Equities	9,398	181,287.42	TAYLOR MORRISON HOME CORP COM USD0.00001
Equities	813,000	1,432,478.04	TAYLOR WIMPEY ORD GBP0.01
Equities	43,288	1,843,395.01	TC ENERGY CORPORAT COM NPV
Equities	3,850	165,011.00	TC ENERGY CORPORATION COM NPV
Equities	11,201	329,533.42	TCF FINL CORP NEW COM
Equities	2,275	19,496.75	TCG BDC INC COM USD0.001
Equities	146	2,242.56	TCR2 THERAPEUTICS INC COM
Equities	71,703	2,608,555.14	TD AMERITRADE HLDG CORP STK
Equities	11,857	966,938.35	TE CONNECTIVITY LTD
Equities	1,030	5,737.10	TEAM INC COM STK
Equities	4,300	234,715.89	TEAMVIEWER AG NPV
Equities	14,783	101,115.72	TECHNIP CN COM USD1
Equities	1,811	54,384.33	TECHTARGET INC COM
Equities	70,000	684,605.41	TECHTRONIC INDUSTR NPV
Equities	5,200	54,290.75	TECK RESOURCES LTD CLASS'B'SUB-VTG COM NPV
Equities	2,793	6,703.20	TEEKAY CORP COM
Equities	14,791	164,771.74	TEGNA INC COM
Equities	17,900	284,382.44	TEIJIN LTD NPV
Equities	2,066	29,750.40	TEJON RANCH CO COM
Equities	5,202	992,749.68	TELADOC HEALTH INC
Equities	2,673	831,169.35	TELEDYNE TECHNOLOGIES INC COM
Equities	9,786	3,561,908.28	TELEFLEX INC COM
Equities	117,150	558,807.63	TELEFONICA SA EUR1
Equities	117,150	23,039.14	TELEFONICA SA RTS
Equities	18,310	100,521.90	TELENAV INC COM
Equities	53,430	2,198,762.96	TELENET GRP HLDG NPV
Equities	50,600	12,838,211.36	TELEPERFORMANCE SOCIETE EUROPEENNE
Equities	6,489	129,001.32	TELEPHONE DATA SYS INC COM STK
Equities	149	363.56	TELIGENT INC NEW COM NEW
Equities	8,913	10,249.95	TELLURIAN INC NEW COM
Equities	78,210	1,307,519.60	TELUS CORPORATION COM NPV
Equities	9,600	160,634.36	TELUS CORPORATION COM NPV(NON CANADIAN)
Equities	9,493	1,474,217.67	TEMENOS AG CHF5 (REGD)
Equities	3,303	237,650.85	TEMPUR SEALY INTL INC COM
Equities	4,136	123,294.16	TENABLE HLDGS INC COM
Equities	163,010	10,486,718.32	TENCENT HLDGS LIMITED COMMON STOCK
Equities	7,456	135,028.16	TENET HEALTHCARE CORP COM NEW .
Equities	1,727	112,272.27	TENNANT CO COM
Equities	4,408	33,324.48	TENNECO INC
Equities	8,357	173,825.60	TERADATA CORP DEL COM STK
Equities	17,945	1,516,531.95	TERADYNE INC COM
Equities	4,562	85,628.74	TEREX CORP NEW COM
Equities	5,158	271,517.12	TERRENO RLTY CORP
Equities	372	8,849.88	TERRITORIAL BANCORP INC COM STK
Equities	0	-	TESCO ORD GBP0.05
Equities	21,867	23,612,205.27	TESLA INC COM USD0.001
Equities	149	819.50	TESSCO TECHNOLOGIES INC COM
Equities	3,893	308,014.16	TETRA TECH INC NEW COM
Equities	5,198	2,778.33	TETRA TECHNOLOGIES INC DEL COM
Equities	231	582.12	TETRAPHASE PHARMACEUTICALS INC COM NEW COM USD0.001(POST REV SPLIT)
Equities	69,967	8,883,709.99	TEXAS INSTRUMENTS INC COM
Equities	4,547	239,035.79	TEXAS ROADHOUSE INC COMMON STOCK
Equities	1,049	8,580.82	TEXTAINER GROUP HLDGS LTD COM STK
Equities	34,187	1,125,094.17	TEXTRON INC COM
Equities	4,043	57,855.33	TFS FINL CORP COM STK
Equities	3,424	66,699.52	TG THERAPEUTICS INC COM

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Equities	197,224	15,922,292.75	THALES SA EUR3
Equities	3,856	24,061.44	THE MEET GROUP INC COM
Equities	1,421	18,174.59	THE REALREAL INC COM
Equities	2,591	1,053,241.50	THE TRADE DESK INC COM CL A COM CL A
Equities	14,503	18,128.75	THERAPEUTICSMD INC COM
Equities	1,665	34,948.35	TERAVANCE BIOPHARMA INC COM
Equities	58,847	21,322,621.98	THERMO FISHER CORP
Equities	2	11.12	THERMOGENESIS HLDGS INC COM
Equities	2,436	35,492.52	THONERON GROUP HLDGS INC
Equities	23,951	179,872.01	THIRD POINT REINSURANCE LTD COM USD0.10
Equities	22,900	565,468.79	THK CO LTD NPV
Equities	3,926	418,236.78	THOR IND INC COM STK
Equities	2,284	12,767.56	TIDEWATER INC NEW COM
Equities	8,429	1,027,832.26	TIFFANY & CO COM
Equities	700	3,969.00	TILLYS INC CL A
Equities	383	2,723.13	TILRAY INC COM CL 2 COM CL 2
Equities	767	13,967.07	TIMBERLAND BANCORP INC COM
Equities	24,486	1,113,868.14	TIMKEN CO COM
Equities	2,788	10,845.32	TIMKENSTEEL CORP COM NPV 'WI'
Equities	1,918	12,371.10	TIPTREE INC COM TIPTREE INC
Equities	5,381	7,856.26	TITAN INTL INC ILL COM
Equities	1,296	14,074.56	TITAN MACHY INC COM
Equities	6,795	76,987.35	TIVITY HEALTH INC COM
Equities	266,166	13,457,352.96	TJX COS INC COM NEW
Equities	45,603	4,749,552.45	T-MOBILE US INC COM
Equities	19,400	700,403.21	TOHO CO LTD NPV
Equities	54,600	2,377,631.74	TOKIO MARINE HOLDINGS INC NPV
Equities	93,290	1,376,791.68	TOKMANNI GROUP OYJ NPV
Equities	118,500	363,567.69	TOKYO ELEC POWER H NPV
Equities	10,545	2,584,324.05	TOKYO ELECTRON NPV
Equities	8,215	410,426.38	TOKYO OHKA KOGYO NPV
Equities	8,892	289,790.28	TOLL BROS INC COM
Equities	894	57,904.38	TOMPKINS FINL CORP COM USD0.10
Equities	1,947	66,723.69	TOOTSIE ROLL IND INC COM
Equities	4,858	552,694.66	TOPBUILD CORP COM
Equities	7,501	497,616.34	TORO CO COM
Equities	2,700	36,789.17	TOSOH CORP NPV
Equities	218,232	8,327,519.76	TOTAL S.E EUR2.5
Equities	218,232	-	TOTAL SA EUR2.5 (STOCK DIVID)
Equities	19,011	731,163.06	TOTAL SE SPON ADS EA REP 1 ORD SHS
Equities	21,731	189,388.38	TOURMALINE OIL CP COM NPV
Equities	468	252.72	TOWN SPORTS INTL HLDGS INC COM STK
Equities	4,805	90,526.20	TOWNEBANK PORTSMOUTH VA COM
Equities	25,900	345,941.51	TOYO TIRE CORPORATION
Equities	8,900	471,047.88	TOYOTA INDUSTRIES NPV
Equities	11,200	283,309.08	TOYOTA TSUSHO CORP NPV
Equities	240	0.10	TPC LIQ INC COM
Equities	10,881	93,576.60	TPG RE FINANCE TRUST INC COM
Equities	0	-	TPG TELECOM LTD NPV
Equities	65,950	404,118.52	TPG TELECOM LTD. NPV
Equities	2,134	49,871.58	TPI COMPOSITES INC COM
Equities	94,421	12,443,743.59	TRACTOR SUPPLY CO COM
Equities	11,389	662,156.46	TRADEWEB MKTS INC CL A CL A
Equities	977,250	5,245,337.03	TRAINLINE PLC ORD GBP0.01
Equities	34,575	3,076,483.50	TRANE TECHNOLOGIES PLC COM USD1
Equities	353	2,421.58	TRANS WORLD ENTMT CORP COM NEW
Equities	597	2,734.26	TRANSACT TECHNOLOGIES INC COM
Equities	31,812	188,645.16	TRANSALTA CORP COM
Equities	9	232.74	TRANSCAT INC COM
Equities	23	690.46	TRANSCONTINENTAL RLTY INVS COM NEW COM NEW
Equities	3,599	1,590,937.95	TRANSDIGM GROUP INC COM
Equities	601	325.14	TRANSENTERIX INC COM USD0.001
Equities	2,407	43,133.44	TRANSLATE BIO INC COM
Equities	19,957	36,521.31	TRANSOCEAN LTD
Equities	21,077	1,834,542.08	TRANSUNION COM
Equities	19,393	2,211,771.65	TRAVELERS COS INC COM STK
Equities	2,200	12,408.00	TRAVELZOO COM USD0.01
Equities	2,121	13,298.67	TRECORA RES COM
Equities	26,203	403,526.20	TREDEGAR CORP INC
Equities	42,861	1,877,311.80	TREEHOUSE FOODS INC COM
Equities	4,170	6,255.00	TREVENA INC COM
Equities	4,223	549,285.61	TREX CO INC COM
Equities	8,626	126,715.94	TRI POINTE GROUP INC COM
Equities	873	8,721.27	TRIBUNE PUBG CO NEW COM
Equities	2,140	58,807.20	TRICIDA INC COM
Equities	2,538	77,282.10	TRICO BANCSHARES COM STK
Equities	3,160	75,682.00	TRIMAS CORP COM NEW COM NEW
Equities	17,588	759,625.72	TRIMBLE INC COM TRIMBLE INC
Equities	36,952	2,251,854.88	TRINET GROUP INC COM USD0.000025
Equities	9,282	197,613.78	TRINITY IND INC COM
Equities	2,710	60,053.60	TRINSEO S A COMMON STOCK
Equities	7,260	138,012.60	TRIPADVISOR INC COM USD0.001
Equities	1,011	10,393.08	TRIPLEPOINT VENTURE GROWTH BDC CORP COMMON STOCK
Equities	1,021	19,419.42	TRIPLE-S MGMT CORP CL B CL B
Equities	2,075	32,598.25	TRISTATE CAP HLDGS INC COM
Equities	50,609	1,530,416.16	TRITON INTL LTD COM USD0.01 CL A
Equities	1,855	45,020.85	TRIUMPH BANCORP INC COM
Equities	3,084	27,786.84	TRIUMPH GROUP INC NEW COM
Equities	3,916	28,273.52	TRONOX HOLDINGS PLC ORD USD0.01
Equities	31,983	488,380.41	TRUEBLUE INC COM STK
Equities	6,428	16,584.24	TRUECAR INC COM

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Equities	101,336	3,805,166.80	TRUIST FINL CORP COM
Equities	1,991	84,995.79	TRUPANION INC COM
Equities	7,682	48,627.06	TRUSTCO BK CORP N Y COM
Equities	4,407	108,059.64	TRUSTMARK CORP COM
Equities	1,390	64,718.40	TTEC HLDGS INC COM USD0.01
Equities	6,712	79,604.32	TTM TECHNOLOGIES INC COM
Equities	32,975	15,324.72	TUAS LTD NPV COM
Equities	3,374	16,026.50	TUPPERWARE BRANDS CORPORATION
Equities	1,159	28,870.69	TURNING PT BRANDS INC COM
Equities	2,021	130,536.39	TURNING PT THERAPEUTICS INC COM
Equities	548	8,066.56	TURTLE BEACH CORP COM NEW
Equities	2,590	31,546.20	TUTOR PERINI CORP COM
Equities	7,414	1,626,779.88	TWILIO INC CL A CL A
Equities	1,617	8,958.18	TWIN DISC INC COM
Equities	533	11,880.57	TWIN RIVER WORLDWIDE HOLDINGS INC
Equities	2,504	113,431.20	TWIST BIOSCIENCE CORP COM
Equities	57,978	1,727,164.62	TWITTER INC COM
Equities	20,378	102,705.12	TWO HARBORS INVESTMENT CORP
Equities	3,734	115,268.58	TX CAP BANCSHARES INC COM
Equities	2,881	999,361.28	TYLER TECHNOLOGIES INC COM STK
Equities	36,831	2,199,179.01	TYSON FOODS INC CL A COM (DELAWARE)
Equities	2,990	38,660.70	U M H PPTYS INC COM STK
Equities	21,415	531,092.00	U S CONCRETE INC COMMON STOCK
Equities	18	93.24	U S ENERGY CORP WYO COM
Equities	1,887	3,566.43	U S GLOBAL INVS INC CL A CL A STK
Equities	1	6.81	U S GOLD CORP COM NEW COM NEW
Equities	792	64,167.84	U S PHYSICAL THERAPY COM
Equities	3,463	12,501.43	U S SILICA HLDGS INC
Equities	1,431	697.61	U S WELL SVCS INC CL A CL A
Equities	830	4,980.00	U S XPRESS ENTERPRISES INC CL A CL A
Equities	2,095	64,672.65	U.S. CELLULAR CORP COM
Equities	325	0.65	UAL CORP COM PAR \$0.01 STK
Equities	71,021	2,207,332.68	UBER TECHNOLOGIES INC COM USD0.00001
Equities	765	133,538.40	UBIQUITI INC COM
Equities	12,774	1,053,078.50	UBISOFT ENTERTAIN NPV
Equities	50,942	5,898,918.96	UCB NPV
Equities	5,800	29.00	UCBH HLDGS INC COM
Equities	22,577	843,928.26	UDR INC COM STK
Equities	12,158	601,942.58	UFP INDUSTRIES INC COM USD1.00
Equities	377	16,610.62	UFPI TECHNOLOGIES INC COM
Equities	15,374	488,893.20	UGI CORP NEW COM
Equities	5,441	1,106,808.22	ULTA BEAUTY INC COM STK USD0.01
Equities	3,629	82,124.27	ULTRA CLEAN HLDGS INC COM
Equities	32,586	2,548,876.92	ULTRAGENYX PHARMACEUTICAL INC COM
Equities	654	4,584.54	ULTRALIFE CORPORATION
Equities	11,100	319,979.61	ULVAC INC NPV
Equities	3,466	178,672.30	UMB FINL CORP COM STK
Equities	15,342	163,238.88	UMPQUA HLDGS CORP COM
Equities	20,741	202,017.34	UNDER ARMOR INC CL A
Equities	6,863	60,668.92	UNDER ARMOUR INC CL C COM
Equities	42,700	1,749,399.83	UNICHARM CORP NPV
Equities	1,323	17,040.24	UNIFI INC COM
Equities	1,013	181,276.35	UNIFIRST CORP MASS COM
Equities	318,452	16,899,877.91	UNILEVER NV EURO 0.16
Equities	125,442	6,750,081.73	UNILEVER PLC ORD GBP0.031111
Equities	146	2,733.12	UNION BANKSHARES INC COM
Equities	86,471	14,619,651.97	UNION PAC CORP COM
Equities	608,810	1,455,094.42	UNIPOLSAI SPA
Equities	4,062	44,316.42	UNISYS CORP COM NEW
Equities	29,604	1,024,594.44	UNITED AIRLINES HOLDINGS INC COM USD0.01
Equities	709	8,160.59	UNITED BANCORP INC OHIO COM
Equities	9,389	259,699.74	UNITED BANKSHARES INC W VA COM
Equities	5,397	108,587.64	UNITED CMNTY BK BLAIRSVILLE GA COM
Equities	1,931	53,508.01	UNITED FIRE GROUP INC COM USD0.001
Equities	900	13,304.25	UNITED GUARDIAN INC COM
Equities	1,653	12,926.46	UNITED INSURANCE HOLDINGS CORP COM
Equities	5,800	245,653.13	UNITED INTERNET AG NPV(REGD)
Equities	3,773	68,706.33	UNITED NAT FOODS INC COM
Equities	65,161	7,244,599.98	UNITED PARCEL SVC INC CL B
Equities	5,516	822,104.64	UNITED RENTALS INC COM
Equities	107	9,035.08	UNITED STS LIME & MINERALS INC COM
Equities	11,926	86,105.72	UNITED STS STL CORP NEW COM
Equities	3,045	368,445.00	UNITED THERAPEUTICS CORP DEL COM STK
Equities	150,251	44,316,532.45	UNITEDHEALTH GROUP INC COM
Equities	14,236	133,106.60	UNITI GROUP INC COM
Equities	1,007	45,133.74	UNITIL CORP COM
Equities	656	9,380.80	UNITY BANCORP NJ
Equities	1,298	11,266.64	UNITY BIOTECHNOLOGY INC COM
Equities	9,808	165,362.88	UNIVAR SOLUTIONS INC
Equities	1,559	66,273.09	UNIVERSAL CORP VA COM
Equities	951	44,525.82	UNIVERSAL ELECTRS INC COM
Equities	990	78,695.10	UNIVERSAL HEALTH RLTY INCOME TR SH BEN INT SH BEN INT
Equities	22,061	391,582.75	UNIVERSAL INS HLDGS INC COM
Equities	1,483	25,774.54	UNIVERSAL LOGISTICS HOLDINGS,INC COM STK
Equities	874	7,516.40	UNIVERSAL STAINLESS & ALLOY PRODS INC COM
Equities	3,291	53,116.74	UNIVEST FINANCIAL CORP
Equities	14,686	243,640.74	UNUM GROUP
Equities	3,084	461,428.08	UNVL DISPLAY CORP COM
Equities	10,279	954,816.31	UNVL HEALTH SERVICES INC CL B COM
Equities	2,100	14,595.00	UNVL TECH INST INC COM
Equities	1,371	47,655.96	UPLAND SOFTWARE INC COM

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Equities	6,334	91,462.96	UPWORK INC COM
Equities	14,936	13,109.33	URANIUM ENERGY CORP COM
Equities	8,045	95,494.15	URBAN EDGE PPTYS COM
Equities	46,208	703,285.76	URBAN OUTFITTERS INC COM
Equities	774	20,216.88	UROGEN PHARMA LTD UROGEN PHARMA LTD
Equities	2,813	33,418.44	URSTADT BIDDLE PPTYS INC CL A CL A
Equities	1,900	-	US AIRWAYS GROUP INC COM
Equities	139	139.00	US AIRWAYS GROUP INC PFD SER A NEW
Equities	107,679	3,964,740.78	US BANCORP
Equities	1,869	63,321.72	US ECOLOGY INC COM
Equities	16,305	321,534.60	US FOODS HLDG CORP COM
Equities	613	4,750.75	USA TRUCK INC COM
Equities	14,857	1,090,949.51	USANA HEALTH SCIENCES INC CDT-SHS
Equities	284	25,168.08	UTAH MED PRODS INC COM
Equities	403,095	5,845,390.38	UTD O/S BANK NPV
Equities	3,663	24,505.47	UTD SEC BANCSHARES CAL COM COM STK
Equities	32,524	1,982,012.56	V F CORP COM
Equities	3,778	4,684.72	VAALCO ENERGY INC COM NEW COM NEW
Equities	2,981	542,989.15	VAIL RESORTS INC COM
Equities	31,017	242,552.94	VAL NATL BANCORP COM
Equities	8,290	5,404.25	VALARIS PLC
Equities	31,097	1,829,125.54	VALERO ENERGY CORP COM STK NEW
Equities	136	1,425.28	VALHI INC NEW COM NEW COM NEW
Equities	1,628	184,973.36	VALMONT INDs INC COM
Equities	707	19,081.93	VALUE LINE INC COM
Equities	14,867	287,379.11	VALVOLINE INC COM
Equities	3,731	42,682.64	VANDA PHARMACEUTICALS INC COM
Equities	738	30,250.62	VAPOTHERM INC COM
Equities	2,648	40,117.20	VAREX IMAGING CORP COM
Equities	6,819	835,463.88	VARIAN MEDICAL SYSTEMS INC
Equities	2,151	190,320.48	VARONIS SYS INC COM
Equities	163	1,442.55	VAXART INC COM NEW COM NEW
Equities	8,542	85,932.52	VECTOR GROUP LTD COM STK
Equities	855	42,006.15	VECTRUS INC COM
Equities	3,646	49,184.54	VEECO INSTRS INC DEL COM
Equities	8,798	2,062,427.16	VEEVA SYS INC CL A COM CL A COM
Equities	2,618	4,686.22	VENATOR MATERIALS COM USD0.001
Equities	28,816	1,055,241.92	VENTAS INC REIT
Equities	7,313	78,175.97	VEONEER INC COM USD1.00 WI
Equities	2,175	9,657.00	VERA BRADLEY INC COM STK
Equities	2,714	70,292.60	VERACYTE INC COM
Equities	6,668	11,468.96	VERASTEM INC COM
Equities	80,351	516,656.93	VEREIT INC COM USD0.001
Equities	3,432	47,430.24	VERICEL CORP COM
Equities	4,841	218,716.38	VERINT SYS INC COM
Equities	9,708	2,007,905.64	VERISIGN INC COM
Equities	35,494	6,041,078.80	VERISK ANALYTICS INC
Equities	3,897	68,976.90	VERITEX HLDGS INC COM
Equities	2,402	40,737.92	VERITIV CORP COM
Equities	892	13,255.12	VERITONE INC COM
Equities	442,342	24,386,314.46	VERIZON COMMUNICATIONS COM
Equities	9,119	93,743.32	VERRA MOBILITY CORP
Equities	7,067	84,521.32	VERSO CORP CL A CL A
Equities	32,197	9,347,111.07	VERTEX PHARMACEUTICALS INC COM
Equities	7,580	771,484.41	VESTAS WIND SYSTEM DKK1
Equities	10,019	1,278,322.64	VGP N.V. NPV
Equities	265	6,784.00	VIACOMCBS INC CL A CL A
Equities	39,441	919,764.12	VIACOMCBS INC NPV CLASS B
Equities	1,930	36,708.60	VIAD CORP COM NEW COM NEW
Equities	3,930	150,794.10	VIASAT INC COM
Equities	15,806	201,368.44	VIAVI SOLUTIONS INC COM NPV
Equities	37,666	760,476.54	VICI PPTYS INC COM
Equities	1,274	91,664.30	VICOR CORP COM
Equities	2,735	47,014.65	VICTORY CAP HLDGS INC DEL CL A CL A
Equities	1,184	51,290.88	VIELA BIO INC COM
Equities	2,649	5,933.76	VIEWRAY INC COM
Equities	200	30,088.12	VIFOR PHARMA AG CHF0.01
Equities	4,597	33,144.37	VIKING THERAPEUTICS INC COM
Equities	4,708	130,505.76	VILLAGE SUPER MKT INC CL A NEW CL A NEW
Equities	216	1,198.80	VINCE HLDG CORP COM NEW COM NEW
Equities	68,013	6,263,881.86	VINCI EUR2.50
Equities	68,013	-	VINCI RTS 09/07/2020
Equities	13,091	135,622.76	VIPER ENERGY PARTNERS LP COM UNIT REPSTGLTD PARTNER INT
Equities	2,287	93,698.39	VIR BIOTECHNOLOGY INC COM
Equities	2,581	6,762.22	VIRCO MFG CO COM
Equities	2,916	47,647.44	VIRGIN GALACTIC HLDGS INC COM
Equities	4,455	28,957.50	VIRNETX HLDG CORP COM STK
Equities	3,634	85,762.40	VIRTU FINL INC CL A CL A
Equities	493	57,330.97	VIRTUS INVT PARTNERS INC COM
Equities	2,156	70,005.32	VIRTUSA CORP COM
Equities	327,404	63,244,630.68	VISA INC COM CL A STK
Equities	10,797	164,870.19	VISHAY INTERTECHNOLOGY INC COM STK
Equities	1,196	29,397.68	VISHAY PRECISION GROUP INC COM
Equities	4,448	64,273.60	VISTA OUTDOOR INC COM
Equities	1,892	129,602.00	VISTEON CORP COM NEW COM NEW
Equities	34,949	650,750.38	VISTRA CORP COM USD0.01
Equities	63,652	1,632,848.63	VIVENDI SA EUR5.50
Equities	4,246	42,035.40	VIVINT SOLAR INC COM
Equities	922	757.79	VIVUS INC COM NEW
Equities	18	-	VL DISSOLUTION CORP COM STK
Equities	14,716	2,278,919.76	VMWARE INC CL A COM CL A COM

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Equities	2,242	47,530.40	VOCERA COMMUNICATIONS INC
Equities	0	-	VODAFONE GROUP ORD USD0.2095238
Equities	3,800	81,710.29	VOESTALPINE AG NPV
Equities	70,935	713,606.10	VONAGE HLDGS CORP COM
Equities	56,174	3,443,552.08	VONOVA SE NPV
Equities	12,571	480,337.91	VORNADO RLTY TR COM
Equities	4,748	27,443.44	VOXX INTL CORP CL A CL A
Equities	26,500	1,236,225.00	VOYA FINL INC COM
Equities	1,289	16,267.18	VOYAGER THERAPEUTICS INC COM
Equities	364	11,425.96	VSE CORP COM
Equities	13,646	1,580,889.10	VULCAN MATERIALS CO COM
Equities	7,180	16,370.40	W & OFFSHORE INC COM
Equities	3,414	59,710.86	W BANCORPORATION INC CDT-CAP STK
Equities	13,409	907,118.85	W P CAREY INC COM
Equities	112,715	1,197,033.30	WABASH NATL CORP COM
Equities	41,909	2,412,701.13	WABTEC CORP COM
Equities	69,696	1,080,984.96	WADDELL & REED FINL INC CL A COM
Equities	2,688	7,069.44	WAITR HLDGS INC COM
Equities	94,143	3,990,721.77	WALGREENS BOOTS ALLIANCE INC COM
Equities	1,861	94,557.41	WALKER & DUNLOP INC COM
Equities	185,619	22,233,443.82	WALMART INC COM
Equities	177,904	19,838,075.04	WALT DISNEY CO
Equities	47,560	1,298,033.48	WAREHOUSES DE PAUW NPV
Equities	12,384	190,589.76	WARRIOR MET COAL INC COM
Equities	5,698	152,934.32	WASH FED INC COM
Equities	8,141	6,844.95	WASHINGTON PRIME GROUP NEW COM
Equities	5,767	128,027.40	WASHINGTON REAL ESTATE INVTR SH BEN INT SH BEN INT
Equities	989	32,389.75	WASHINGTON TR BANCORP INC COM
Equities	7,623	714,961.17	WASTE CONNECTIONS INC COM
Equities	30,677	3,249,001.07	WASTE MGMT INC DEL COM STK
Equities	70,492	12,716,756.80	WATERS CORP COM
Equities	938	13,910.54	WATERSTONE FINL INC MD COM
Equities	5,766	1,024,618.20	WATSCO INC COM
Equities	1,957	158,517.00	WATTS WTR TECHNOLOGIES INC
Equities	786	8,182.26	WAVE LIFE SCIENCES PTE LTD COM NPV
Equities	4,193	828,578.73	WAYFAIR INC CL A CL A
Equities	700	17,990.00	WAYSIDE TECHNOLOGY GROUP INC COM STK
Equities	977	193,739.10	WD 40 CO COM STK
Equities	6,324	180,929.64	WEBSTER FNCL CORP WATERBURY CONN COM
Equities	61,810	5,417,646.50	WEC ENERGY GROUP INC COM
Equities	562,000	1,047,072.11	WEICHAI POWER CO H CNY1
Equities	9,286	175,783.98	WEINGARTEN RLTY INVS COM
Equities	1,440	72,172.80	WEIS MKT INC COM
Equities	9,172	55,857.48	WELBILT INC COM
Equities	25,500	2,053,992.68	WELCIA HOLDINGS CO LTD
Equities	848,184	21,713,510.40	WELLS FARGO & CO NEW COM STK
Equities	32,050	1,658,587.50	WELLTOWER INC COM REIT
Equities	15,379	334,954.62	WENDYS CO COM
Equities	3,489	151,876.17	WERNER ENTERPRISES INC COM
Equities	4,464	90,663.84	WESBANCO INC COM
Equities	3,710	130,245.46	WESCO INTL INC COM
Equities	683	18,100.96	WESCO INTL INC DEPOSITORY SHS REPSTG 1/1000TH FIXED RATE RESET CUM PERP PFD
Equities	9,400	526,786.86	WEST JAPAN RAILWAY NPV
Equities	5,188	1,178,557.96	WEST PHARMACEUTICAL SVCS INC COM
Equities	1,619	92,962.98	WESTAMERICA BANCORPORATION COM
Equities	543	426.36	WESTELL TECHNOLOGIES INC CL A NEW CL A NEW
Equities	7,335	277,776.45	WESTERN ALLIANCE BANCORPORATION COM
Equities	6,012	34,809.48	WESTERN NEW ENG BANCORP INC COM
Equities	152,735	3,302,130.70	WESTERN UNION CO
Equities	10,670	572,445.50	WESTLAKE CHEM CORP COM STK
Equities	3,752	10,280.48	WESTN AST MTG CAP CORP COM
Equities	22,239	981,851.85	WESTN DIGITAL CORP COM
Equities	72,308	2,043,424.08	WESTROCK CO COM
Equities	1	2.65	WESTWATER RES INC COM NEW COM NEW
Equities	620	9,765.00	WESTWOOD HLDGS GROUP INC COM
Equities	13,636	2,250,076.36	WEX INC COM
Equities	1,543	33,313.37	WEYCO GROUP INC COM
Equities	67,809	1,522,990.14	WEYERHAEUSER CO COM
Equities	6,110,000	5,234,586.38	WH GROUP LIMITED COMSTK
Equities	11,800	93,328.77	WHEELOCK & COMPANY NPV
Equities	4,487	581,201.11	WHIRLPOOL CORP COM
Equities	215	190,913.55	WHITE MOUNTAINS INSURANCE GROUP COM STOCK
Equities	1,396	10,148.92	WHITESTONE REIT COMMON SHARES
Equities	6	-	WI FI WIRELESS LTD COM WI-FI WIRELESS LTD
Equities	1,100	0.22	WICKES INC COM
Equities	2,656	13,997.12	WIDEOOPENWEST INC COM
Equities	1,600	1,112.80	WIDEPPOINT CORP COM
Equities	3,228	125,892.00	WILEY JOHN & SONS INC CL A
Equities	798	19,957.98	WILLDAN GROUP INC COM
Equities	91,125	1,733,197.50	WILLIAMS CO INC COM
Equities	5,063	415,216.63	WILLIAMS SONOMA INC COM
Equities	208	5,050.24	WILLIS LEASE FIN CORP COM
Equities	8,868	1,746,552.60	WILLIS TOWERS WATSON PLC COM USD0.000115
Equities	634,000	1,858,757.75	WILMAR INTERNATIONAL LTD NPV
Equities	2,116	294,060.52	WINGSTOP INC COM
Equities	141	24,144.84	WINMARK CORP COM
Equities	2,246	149,628.52	WINNEBAGO INDS INC COM
Equities	44,713	1,950,381.06	WINTRUST FINL CORP COM
Equities	538	534.18	WIRELESS TELECOM GROUP INC COM STK
Equities	7,684	26,663.48	WISDOMTREE INVTS INC COM
Equities	168,005	13,118,063.96	WOLTERS KLUWER EURO.12

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Equities	5,903	140,550.43	WOLVERINE WORLD WIDE INC COM
Equities	5,812	86,633.82	WOODSIDE PETROLEUM NPV
Equities	38,034	2,949,536.70	WOODWARD INC COM
Equities	39,512	7,402,968.32	WORKDAY INC CL A COM USD0.001
Equities	2,241	119,871.09	WORKIVA INC COM CL A COM CL A
Equities	451	29,549.52	WORLD ACCEP CORP S C NEW COM
Equities	4,431	114,142.56	WORLD FUEL SERVICE COM STK USD0.01
Equities	2,923	127,004.35	WORLD WRESTLING ENTMTN
Equities	16,780	1,452,684.95	WORLDSLNE EUR0.68
Equities	6	-	WORLDEX INC COM USD0.01
Equities	2,825	105,372.50	WORTHINGTON INDS INC COM
Equities	306,882	2,391,888.90	WPP PLC ORD GBP0.10
Equities	32,157	205,161.66	WPX ENERGY INC COM SHS
Equities	4,526	134,512.72	WRIGHT MEDICAL GROUP NV EURO0.03
Equities	3,725	106,907.50	WSFS FINANCIAL CORP COM
Equities	3,158	80,150.04	WW INTL INC COM
Equities	6,633	186,917.94	WYNDHAM DESTINATIONS INC COM STK
Equities	6,753	287,812.86	WYNDHAM HOTELS & RESORTS INC COM
Equities	11,990	893,135.10	WYNN RESORTS LTD COM
Equities	135	1,258.20	X4 PHARMACEUTICALS INC COM USD0.00
Equities	1,264	17,329.44	XBIOTECH INC COMMON STOCK
Equities	36,776	2,298,500.00	XCEL ENERGY INC COM
Equities	2,884	93,412.76	XENCOR INC COM
Equities	44,469	414,895.77	XENIA HOTELS & RESORTS INC COM
Equities	540	1,436.40	XERIS PHARMACEUTICALS INC COM
Equities	15,787	241,383.23	XEROX HLDGS CORP COM NEW COM NEW
Equities	65,512	6,445,725.68	XILINX INC COM
Equities	839	16,578.64	XOMA CORP DEL COM NEW COM NEW
Equities	39,743	1,669,603.43	XP INC COM USD0.00001 CLASS A
Equities	1,127	17,626.28	XPEL INC COM
Equities	7,600	112,176.00	XPERI HLDG CORP COM
Equities	6,691	516,879.75	XPO LOGISTICS INC COM
Equities	13,612	884,235.52	XYLEM INC COM
Equities	56,900	890,273.90	YAMAHA MOTOR CO NPV
Equities	747,000	497,982.15	YANGZIJIANG SHIPBU NPV (SGD)
Equities	51,070	1,767,624.44	YARA INTERNATIONAL NOK1.7
Equities	5,217	120,669.21	YELP INC CL A
Equities	4,034	172,372.82	YETI HLDGS INC COM
Equities	7,254	120,488.94	YEXT INC COM
Equities	1,439	62,164.80	Y-MABS THERAPEUTICS INC COM
Equities	824	39,519.04	YORK WTR CO COM
Equities	2,636	4,876.60	YRC WORLDWIDE INC COM USD0.01 (POST REV SPLIT)
Equities	3,505,600	2,446,992.88	YUEXIU TRANSPORT INFRASTRUCT
Equities	62,329	5,417,013.39	YUM BRANDS INC COM
Equities	400	1,040.00	YUNHONG CTI LTD COM NPV
Equities	218,400	1,064,822.73	Z HOLDINGS CORP NPV
Equities	2,510	7,381.40	ZAGG INC COM STK
Equities	10,026	2,566,154.70	ZEBRA TECHNOLOGIES CORP CL A
Equities	325	481.00	ZEDGE INC CL B CL B
Equities	8,214	727,185.42	ZENDESK INC COM
Equities	654	31,405.08	ZENTALIS PHARMACEUTICALS INC COM
Equities	1,364	78,402.72	ZILLOW GROUP INC COM USD0.0001
Equities	8,061	464,394.21	ZILLOW GROUP INC COM USD0.0001 CLASS C
Equities	35,049	4,183,448.64	ZIMMER BIOMET HLDGS INC COM
Equities	12,178	414,052.00	ZIONS BANCORPORATION N A
Equities	13,504	44,293.12	ZIOPHARM ONCOLOGY COM STK
Equities	5,182	35,755.80	ZIX CORP COM
Equities	104,683	14,345,758.32	ZOETIS INC COM USD0.01 CL 'A'
Equities	3,360	90,753.60	ZOGENIX INC COM NEW COM NEW
Equities	11,865	3,008,252.10	ZOOM VIDEO COMMUNICATIONS INC CL A CL A
Equities	2,554	7,815.24	ZOVIO INC COM USD0.01
Equities	5,383	589,438.50	ZSCALER INC COM
Equities	9,325	255,318.50	ZUMIEZ INC COM
Equities	3,508	44,727.00	ZUORA INC CL A COM CL A COM
Equities	12,335	4,350,542.98	ZURICH INSURANCE GROUP AG CHF0.10
Equities	2,513	8,468.81	ZYNERBA PHARMACEUTICALS INC COM
Equities	68,529	653,766.66	ZYNGA INC
TOTAL		6,732,741,142.40	

Fixed Income Investments

Fixed Income	200,000	229,966.77	\$ GEN CORP NEW 3.875% DUE 04-15-2027
Fixed Income	1,319,310	1,248,067.40	101178 B.C UNLTD LIAB CO TERM LOAN B4 DUE 11-14-2026 BEO
Fixed Income	400,000	411,974.58	1ST HORIZON NATL 3.55% DUE 05-26-2023
Fixed Income	400,000	418,331.33	1ST HORIZON NATL FIXED 4% DUE 05-26-2025
Fixed Income	3,102,301	2,541,405.02	AAMES MTC INV'T RT FLTG RT .65163% DUE 04-25-2036
Fixed Income	200,000	221,154.48	ABBVIE INC 3.6% 05-14-2025
Fixed Income	1,495,000	1,963,297.00	ABBVIE INC 4.875% DUE 11-14-2048
Fixed Income	200,000	240,922.57	ABBVIE INC FIXED 4.5% DUE 05-14-2035
Fixed Income	1,400,000	1,388,870.00	ABA INV'T CO PTE 5.95% 31/07/2024
Fixed Income	300,000	297,615.00	ABA INV'T CO PTE 5.95% DUE 07-31-2024
Fixed Income	1,800,000	1,997,321.06	ABN AMRO BANK N.V. 0.6% SNR NPF 15/01/2027 EUR
Fixed Income	300,000	324,221.29	ABN AMRO BANK N.V. 4.75%-FRN PERP EUR200000
Fixed Income	400,000	474,550.00	ABU DHABI CRUDE OI 4.6% SNR SEC 02/11/2047 USD
Fixed Income	870,000	872,175.00	ACADIA HEALTHCARE 5.5% DUE 07-01-2028
Fixed Income	250,000	254,420.00	ACADIA HEALTHCARE 6.5% DUE 03-01-2024
Fixed Income	114,699	112,076.82	ACADIA HEALTHCARE COMPANY, INC TRANCHE B-3 TERM LOAN 02-11-2022
Fixed Income	209,450	204,662.31	ACADIA HEALTHCARE COMPANY, INC. TRANCHE B-4 TERM LOAN DUE 02-16-2023
Fixed Income	200,000	184,852.52	ACCOR 2.625%-FRN SUB PERP EUR
Fixed Income	300,000	434,778.77	ACE INA HLDGS INC 8.875% DUE 08-15-2029
Fixed Income	750,000	781,875.00	ADANI GREEN ENERGY 6.25% DUE 12-10-2024

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Fixed Income	300,000	323,160.00	ADIENT US LLC 9% DUE 04-15-2025
Fixed Income	195,000	202,415.98	ADVENTIST HEALTH SYS/WEST 2.433% DUE 09-01-2024
Fixed Income	600,000	619,704.54	ADVENTIST HLTH 2.952% DUE 03-01-2029
Fixed Income	95,000	98,104.91	ADVOCATE HEALTH & HOSPS CORP 3.008% DUE 06-15-2050/05-05-2020 REG
Fixed Income	2,015,000	2,171,676.08	AEP TEX INC 3.45% DUE 01-15-2050
Fixed Income	750,000	541,875.00	AERCAP HLDGS N V 5.875% DUE 10-10-2079
Fixed Income	810,000	815,072.03	AERCAP IRELAND CAP 4.5% DUE 05-15-2021
Fixed Income	500,000	502,175.00	AERCAP IRELAND CAP 4.625% DUE 10-30-2020
Fixed Income	1,705,000	1,787,700.85	AERCAP IRELAND CAP DESIGNATED ACTIVITY C6.5% DUE 07-15-2025 REG
Fixed Income	4,500,000	4,323,570.71	AERCAP IRELAND FIXED 4.45% DUE 10-01-2025
Fixed Income	1,465,001	1,142,700.78	AEROPUERTOS ARGENTINA 2000 S A 9.375% DUE 02-01-2027 BEO
Fixed Income	200,000	201,502.00	AES PANAMA S A 6% SNR 25/06/2020 USD200000
Fixed Income	200,000	203,756.00	AFRICAN EXP-IMP BK 4% SNR EMTN 24/05/2021 USD
Fixed Income	100,000	102,474.71	AGILENT 2.1% DUE 06-04-2030
Fixed Income	300,000	303,000.00	AI CANDELARIA 7.5% 15/12/2028
Fixed Income	200,000	222,669.97	AIA GROUP LTD 3.9% DUE 04-06-2028
Fixed Income	1,000,000	1,000,142.77	AIR LEASE CORP 2.5% 03-01-2021
Fixed Income	935,000	944,724.49	AIR LEASE CORP 3.5% DUE 01-15-2022
Fixed Income	4,915,000	4,555,590.10	AIR LEASE CORP FIXED 3% DUE 02-01-2030
Fixed Income	1,484,772	1,425,202.53	AIR MEDICAL GROUP HOLDINGS, INC. 2018 TERM LOAN 04-28-2022
Fixed Income	385,000	399,935.89	AIRGAS INC 2.9 DUE 11-15-2022
Fixed Income	500,000	528,465.00	AL ECON SETTLEMENT AUTH BP SETTLEMENT REV 3.163 09-15-2025 BEO TAXABLE
Fixed Income	500,000	532,178.93	AL KHALIJ COMMERCIAL 4.75% GTD SNR 09/10/23 USD
Fixed Income	1,160,000	1,160,627.17	ALABAMA PWR CAP TR V FLEXIBLE TR PFD SECS DUE 10-01-2042/10-01-2020 BEO
Fixed Income	155,000	156,498.85	ALASKA ST INTL ARPTS REV 6.284% 10-01-2035 BEO TAXABLE
Fixed Income	285,000	302,171.25	ALCOA INC 5.9% DUE 02-01-2027
Fixed Income	200,000	199,488.00	ALFA BOND ISSUANCE 5.95%-FRN LT2 15/04/30 USD
Fixed Income	500,000	524,290.00	ALFA BOND ISSUANCE 7.75% GTD SNR 28/04/21 USD
Fixed Income	200,000	202,630.00	ALFA BOND ISSUANCE 8%-FR PERP USD200000'REGS
Fixed Income	400,000	466,504.00	ALFA S.A SER REGS 6.875 DUE 03-25-2044 BEO
Fixed Income	300,000	333,287.16	ALIBABA GROUP HLDG 3.4% DUE 12-06-2027
Fixed Income	398,969	384,837.59	ALIXPARTNERS, LLP TERM LOAN B DUE 04-04-2024 BEO
Fixed Income	406,000	415,642.50	ALLEGHENY TECHNOLOGIES INC SR STEP UP 08-15-2023 07-12-2013
Fixed Income	500,000	524,249.35	ALLLEGION PLC 3.5% DUE 10-01-2029
Fixed Income	1,315,000	1,310,555.30	ALLIANT HLDGS 6.75% DUE 10-15-2027
Fixed Income	1,251,513	1,183,543.75	ALLIANT HOLDINGS INTERMEDIATE LLC TERM LOAN 08-12-2025
Fixed Income	315,000	316,837.52	ALLY AUTO RECEIVABLES TRUST SR 2017-2 CL B 2.33% DUE 06-15-2022
Fixed Income	20,000	25,290.16	ALLY FINANCIAL INC 8.0% DUE 11-01-2031 BEO
Fixed Income	25,000	25,849.35	ALLY FINL INC 3.875% 05-21-2024
Fixed Income	0	-	ALLY FINL INC 4.125% DUE 02-13-2022
Fixed Income	3,000,000	3,122,015.07	ALLY FINL INC 4.625% DUE 05-19-2022
Fixed Income	3,650,000	4,709,684.90	ALLY FINL INC 8% DUE 11-01-2031
Fixed Income	258,327	222,447.96	ALMONDE INC ALMONDE, INC. TERM LOAN (SECOND LIEN) SR SECD DUE 06-13-2025 BEO
Fixed Income	991,945	864,797.10	ALMONDE INC. TERM LOAN B DUE 06-13-2024 BEO
Fixed Income	200,000	199,500.00	ALROSA FIN S A 3.1% DUE 06-25-2027
Fixed Income	300,000	319,536.00	ALROSA FIN S A 4.65% DUE 04-09-2024
Fixed Income	750,358	604,660.80	ALTERNATIVE LN TR 6.25% DUE 08-25-2036
Fixed Income	838,517	791,526.14	ALTICE FINANCING S.A. TERM LOAN B DUE 07-15-2025
Fixed Income	1,438,063	1,354,180.77	ALTICE FINANCING SA DUE 01-06-2026 BEO
Fixed Income	737,000	758,564.85	ALTICE FINCO SA 4.75% SNR 15/01/2028 EUR
Fixed Income	2,500,000	2,618,750.00	ALTICE FING S A 7.5% DUE 05-15-2026
Fixed Income	677,000	689,581.88	ALTICE FRANCE HLDG S.A. 4.0% 15/02/2028
Fixed Income	892,000	1,060,142.46	ALTICE FRANCE HLDG S.A. 8.0% 15/05/2027
Fixed Income	724,000	858,575.64	ALTICE FRANCE S.A. 5.875% GTD 01/02/2027 EUR
Fixed Income	992,366	1,061,500.24	ALTICE FRANCE S.A. SEN SEC TERM LOAN 02/02/2026
Fixed Income	4,836,402	4,640,333.81	ALTICE FRANCE S.A. TERM LOAN B13 01-13-2026
Fixed Income	300,000	368,053.79	ALTRIA GROUP INC 3.125% 15/06/2031
Fixed Income	205,000	224,237.64	ALTRIA GROUP INC 4.45% DUE 05-06-2050/05-06-2020 REG
Fixed Income	367,000	570,029.96	ALTRIA GROUP INC 9.95% DUE 11-10-2038
Fixed Income	1,000,000	1,300,887.77	AMAZON COM INC 4.05% 08-22-2047
Fixed Income	280,000	397,395.60	AMER MOVIL SAB DE CV 6.125% 03-30-2040
Fixed Income	205,000	217,237.40	AMEREN CORP 2.5% DUE 09-15-2024
Fixed Income	205,000	230,136.98	AMEREN CORP 3.5% DUE 01-15-2031 REG
Fixed Income	1,764,675	1,689,804.78	AMERICAN AIRLS 2017-1 CL AA PASS THRU TR3.65% DUE 08-15-2030
Fixed Income	89,176	83,597.74	AMERICAN AIRLS 2017-2 AA PTT 3.35% DUE 04-15-2031
Fixed Income	1,687,250	1,606,262.00	AMERICAN BUILDERS & CONTRACTORS SUPPLY CO INC TERM LOAN 01-15-2027
Fixed Income	100,000	96,588.64	AMERICAN CAMPUS CMNTYS OPER PARTNERSHIP LP 2.85% DUE 02-01-2030
Fixed Income	313,000	387,886.09	AMERICAN GENERAL CORP 6.625 DUE 02-15-2029 BEO
Fixed Income	795,000	1,293,862.50	AMERICAN MUN PWR OHIO INC REV 7.834% 02-15-2041 BEO TAXABLE
Fixed Income	2,520,000	3,122,938.70	AMERICAN WTR CAP CORP 4.15% 06-01-2049
Fixed Income	1,610,529	1,626,526.09	AMERICREDIT AUTOMOBILE RECEIVABLES 3.07% SER 2018-1 CL A3 DUE 12-19-2022
Fixed Income	656,169	627,468.70	AMERIQUEST MTG SECS INC SER 04-R11 CL M3 FLTG RT 11-25-2034
Fixed Income	500,000	290,000.00	AMERN AIRLS GROUP 5% DUE 06-01-2022
Fixed Income	460,000	455,400.00	AMERN AXLE & MFG 6.875% DUE 07-01-2028
Fixed Income	500,000	485,310.00	AMERN AXLE & MFG FIXED 6.5% 04-01-2027
Fixed Income	820,000	852,759.00	AMERN EXPRESS CO 3.7% DUE 11-05-2021
Fixed Income	3,000,000	3,263,030.67	AMERN EXPRESS CO FIXED 3.4% DUE 02-22-2024
Fixed Income	800,000	855,559.55	AMERN HOMES 4 RENT 4.25% DUE 02-15-2028
Fixed Income	1,300,000	1,332,403.01	AMERN TOWER CORP 2.25% DUE 01-15-2022
Fixed Income	300,000	326,237.18	AMERN TOWER CORP 3.7% DUE 10-15-2049
Fixed Income	1,800,000	2,048,763.53	AMERN TOWER CORP FIXED 3.95% DUE 03-15-2029
Fixed Income	845,000	874,973.85	AMGEN INC 2.65% DUE 05-11-2022
Fixed Income	1,250,000	1,555,208.39	AMGEN INC 4.4% 05-01-2045
Fixed Income	300,000	398,810.75	AMGEN INC 5.15% DUE 11-15-2041
Fixed Income	249,353	241,794.96	AMWINS GROUP, INC. TERM LOAN B DUE 01-19-2024 BEO
Fixed Income	200,000	199,503.20	ANADOLU EFES 3.375% SNR 01/11/22 USD1000
Fixed Income	1,100,000	1,128,589.00	ANAHEIM CALIF HSG & PUB IMPT AUTH REV 2.392% 10-01-2029 BEO TAXABLE
Fixed Income	4,355,960	4,121,827.00	ANCESTRY.COM INC. TERM LOAN DUE 08-27-2026 BEO
Fixed Income	1,945,000	2,306,445.25	ANGLO AMERICAN CAPITAL MTN 3.25% 03/04/2023
Fixed Income	200,000	210,010.00	ANGLOGOLD ASHANTI HLDGS PLC 5.125 DUE 5.125 NTS 08-01-2022 USD1000
Fixed Income	330,000	405,081.54	ANHEUSER BUSCH COS 5.75% DUE 04-01-2036

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Fixed Income	300,000	340,666.72	ANHEUSER-BUSCH 4.375% DUE 04-15-2038
Fixed Income	1,580,000	1,887,198.53	ANHEUSER-BUSCH 4.95% DUE 01-15-2042
Fixed Income	4,650,000	5,690,136.83	ANHEUSER-BUSCH COS LLC CORP 4.9% 02-01-2046
Fixed Income	200,000	248,882.50	ANHEUSER-BUSCH INB 2.75% GTD SNR 17/03/36 EUR
Fixed Income	755,000	643,252.45	ANTERO MIDSTREAM PARTNERS LP/5.375% 09-15-2024
Fixed Income	435,000	476,013.65	ANTHEM INC 3.5% 08-15-2024
Fixed Income	105,000	119,452.60	ANTHEM INC FIXED 3.7% 09-15-2049
Fixed Income	230,000	246,080.49	AON CORPORATION 2.8% 05-15-2030
Fixed Income	375,000	437,560.34	AON PLC 4.45% DUE 05-24-2043
Fixed Income	375,000	331,147.74	APACHE CORP 4.375% 10-15-2028
Fixed Income	450,000	369,698.23	APACHE CORP 5.1% DUE 09-01-2040
Fixed Income	50,000	40,805.87	APACHE CORP 5.25% DUE 02-01-2042
Fixed Income	995,000	957,269.60	API GROUP DE, INC INITIAL TERM LOAN 10-01-2026
Fixed Income	975,000	1,152,400.31	APPALACHIAN PWR CO 4.4% DUE 05-15-2044
Fixed Income	575,000	797,012.17	APPALACHIAN PWR CO 6.7% DUE 08-15-2037
Fixed Income	600,000	672,639.22	APPLE INC 2.9% DUE 09-12-2027
Fixed Income	2,700,000	3,010,931.33	APPLE INC 3.2% DUE 05-13-2025
Fixed Income	500,000	599,738.67	APPLE INC 3.75% DUE 09-12-2047
Fixed Income	300,000	395,843.43	APPLE INC 4.25% DUE 02-09-2047
Fixed Income	1,325,000	1,824,724.77	APPLE INC 4.65% DUE 02-23-2046
Fixed Income	440,000	479,965.16	APPLE INC FIXED 2.95% 09-11-2049
Fixed Income	859,502	834,009.00	APPLIED SYSTEMS INC TERM LOAN 09-19-2024 BEO
Fixed Income	505,000	476,593.75	APX GROUP INC 6.75% DUE 02-15-2027
Fixed Income	525,000	483,000.00	APX GROUP INC 7.625% DUE 09-01-2023 BEO
Fixed Income	413,963	383,561.09	APX GROUP INC INITIAL LOAN 12-31-2025
Fixed Income	285,000	304,743.95	ARAMARK INTL FINAN 3.125% SNR 01/04/2020EUR
Fixed Income	350,000	336,875.00	ARAMARK SERVICES INC 4.75% 06-01-2026
Fixed Income	2,100,000	2,339,224.89	ARBOUR CLO LIMITED 144A FLTG 15/01/2030
Fixed Income	100,000	104,823.21	ARCH CAP GROUP LTD FIXED 3.635% DUE 06-30-2050
Fixed Income	295,000	417,697.81	ARCHER-DANIELS 7% DUE 02-01-2031
Fixed Income	50,000	47,100.00	ARCHROCK PARTNERS 6.875% DUE 04-01-2027
Fixed Income	300,000	310,125.00	ARCONIC CORP 6% DUE 05-15-2025
Fixed Income	170,000	169,957.50	ARCONIC CORP 6.125% DUE 02-15-2028
Fixed Income	617,000	743,649.14	ARDAGH PACKAGING F 4.75% SNR 15/07/2027 GBP
Fixed Income	1,052,923	883,176.61	ARGENT SECS INC FLTG RT .32163% DUE 07-25-2036
Fixed Income	2,563,413	1,709,895.77	ARGENT SECS INC FLTG RT .46163% DUE 03-25-2036
Fixed Income	384	383.70	Argentine peso - Cash
Fixed Income	99,250	94,287.50	ARGUS MEDIA LIMITED USD ARGUS MEDIA TERM LOAN 09-24-2026
Fixed Income	2,000,000	2,349,496.53	ARKEMA 1.5% SNR EMTN 20/04/27 EUR
Fixed Income	1,000,000	1,134,725.00	AROUNDNTOWN SA 5.375% SNR 21/03/2029 USD
Fixed Income	65,000	69,712.83	ASCENSION 2.532% DUE 11-15-2029
Fixed Income	800,000	861,838.88	ASIAN DEV BK NT 1.75% DUE 09-19-2029
Fixed Income	1,360,000	1,360,000.00	ASSUREDPARTNERS 7% DUE 08-15-2025
Fixed Income	888,605	847,986.69	ASSUREDPARTNERS CAPITAL INC TERM LOAN B 02-11-2027
Fixed Income	997,357	960,583.97	ASURION LLC (FKA ASURION CORPORATION) SEN SEC TL 11-03-2024
Fixed Income	204,460	197,473.24	ASURION LLCASURION, LLC (FKA ASURION) REPLACEMENT B-6 TERM LOAN 11-03-2023
Fixed Income	4,895,000	5,067,648.80	AT&T INC 2.3% DUE 06-01-2027
Fixed Income	1,000,000	1,066,373.92	AT&T INC 3.85% DUE 06-01-2060
Fixed Income	1,600,000	1,822,626.80	AT&T INC 4.25% DUE 03-01-2027
Fixed Income	650,000	757,872.44	AT&T INC 4.35% DUE 03-01-2029
Fixed Income	650,000	731,469.82	AT&T INC 4.35% DUE 06-15-2045
Fixed Income	500,000	561,761.37	AT&T INC 4.45% DUE 04-01-2024
Fixed Income	595,000	703,337.55	AT&T INC 4.5% DUE 03-09-2048
Fixed Income	865,000	1,036,996.70	AT&T INC 4.75% DUE 05-15-2046
Fixed Income	1,710,000	2,025,050.37	AT&T INC 4.8% DUE 06-15-2044
Fixed Income	2,700,000	2,322,356.83	AT&T INC 5.1% SNR 25/11/48 CAD150000
Fixed Income	900,000	1,123,384.19	AT&T INC 5.15% DUE 03-15-2042
Fixed Income	855,000	1,103,134.23	AT&T INC 5.55% DUE 08-15-2041
Fixed Income	4,420,000	4,789,926.47	AT&T INC FIXED .25% DUE 03-04-2026
Fixed Income	800,000	921,739.58	AT&T INC FIXED 1.6% DUE 05-19-2028
Fixed Income	510,000	583,417.13	AT&T INC FIXED 4.1% 02-15-2028
Fixed Income	1,730,000	2,079,130.54	AT&T INC FIXED 4.9% DUE 08-15-2037
Fixed Income	1,160,000	939,611.60	ATENTO LUXCO 1 S A 6.125% DUE 08-10-2022
Fixed Income	200,000	162,002.00	ATENTO LUXCO 1 S A 6.125% GTD 10/08/2022USD
Fixed Income	200,000	162,002.00	ATENTO LUXCO 1 SA 6.125% DUE 08-10-2022
Fixed Income	816,754	789,531.78	ATHENAHEALTH, INC TLB DUE 02-11-2026 BEO
Fixed Income	500,000	566,699.95	ATHENE GLB FD 15-1 1.875% SNR SEC 23/06/23 EUR
Fixed Income	2,372,647	2,279,520.49	ATOTECH B.V. TERM LOAN B - 1 01-31-2024
Fixed Income	186,176	161,973.54	AURIS LUXCO TERM LOAN B (USD) DUE 02-27-2026
Fixed Income	10,876	10,875.53	Australian dollar - Cash
Fixed Income	0	13,982,115.54	Australian dollar - Pending foreign exchange purchases
Fixed Income	0	(31,920,927.46)	Australian dollar - Pending foreign exchange sales
Fixed Income	0	50,401.02	Australian dollar - Pending trade sales
Fixed Income	667,000	679,214.75	AUTOSTRADE 1.875% SNR MTN 26/09/29 EUR
Fixed Income	1,300,000	1,449,967.96	AVALONBAY CMNTYS 3.45% DUE 06-01-2025
Fixed Income	700,000	755,715.72	AVANGRID INC 3.15% 12-01-2024
Fixed Income	27,600	26,841.30	AVANTR PERFRMNC MTERILS HLDNGS, INC. CV-LITE TRM LN SENIR SEC RD 11-21-24
Fixed Income	245,000	245,607.44	AVIATION CAP GROUP 7.125% DUE 10-15-2020
Fixed Income	150,000	131,228.96	AVIS BUDGET FINANC 4.75% GTD SNR 30/01/26 EUR
Fixed Income	1,400,000	1,177,214.12	AVOLON HLDGS FDG 4.375% DUE 05-01-2026
Fixed Income	696,500	487,550.00	AVSC HOLDING CORP (AKA PSAV INC) TERM LOAN 09-30-2026
Fixed Income	1,000,000	1,124,222.44	AXA EQUITABLE FIXED 4.35% DUE 04-20-2028
Fixed Income	268,000	298,346.34	AXALTA COATING S.D. 3.75% SNR 15/01/2025 EUR
Fixed Income	880,000	884,576.00	AXALTA COATING SYS 4.75% DUE 06-15-2027
Fixed Income	957,186	926,077.21	AZALEA TOPCO, INC. INITIAL TERM LOAN (FIRST LIEN) DUE 07-24-2026
Fixed Income	500,000	503,375.00	AZURE PWR SOLAR 5.65% DUE 12-24-2024
Fixed Income	121,000	132,024.05	B A T CAP CORP 4.39% 08-15-2037
Fixed Income	4,000,000	4,678,079.52	B A T CAP CORP 4.906% DUE 04-02-2030 REG
Fixed Income	694,750	684,328.75	B & G FOODS INC FIRST LIEN TERM LOAN DUE 09-16-2026 BEO
Fixed Income	500,000	546,810.93	BACARDI LTD 4.45% DUE 05-15-2025
Fixed Income	360,000	392,100.28	BAE SYS PLC 3.4% DUE 04-15-2030

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Fixed Income	550,000	451,000.00	BAHAMAS COMWLTH 6.625% DUE 05-15-2033	
Fixed Income	500,000	457,500.00	BAHAMAS COMWLTH NT 144A 5.75% DUE 01-16-2024 BEO	
Fixed Income	500,000	544,505.74	BAIDU INC 4.375% 05-14-2024	
Fixed Income	500,000	539,929.82	BAIDU INC FORMERLY 3.625% DUE 07-06-2027	
Fixed Income	3,215,000	3,711,385.74	BAKER HUGHES HLDGS LLC / BAKER HUGHES CO-OBLIGOR INC 4.486% DUE 05-01-2030 REG	
Fixed Income	555,000	607,031.25	BALL CORP 5.25% DUE 07-01-2025	
Fixed Income	480,000	510,878.20	BALT GAS & ELEC CO 3.2% DUE 09-15-2049	
Fixed Income	1,385,398	1,335,256.97	BANC AMER FDG TR MTG PASSTHRU SER 06-G CL 1A1 FLTG 07-20-2036	
Fixed Income	350,000	467,506.67	BANC ONE CORP 7.625% DUE 10-15-2026	
Fixed Income	200,000	213,500.00	BANCO BBVA PERU 5.25%-STP LT2 22/09/29 USD	
Fixed Income	400,000	386,000.00	BANCO BILBAO VIZCAYA 6.5% 12-31-2040	
Fixed Income	360,000	366,303.60	BANCO BRADESCO S A 5.9% DUE 01-16-2021	
Fixed Income	200,000	212,000.00	BANCO DE CREDITO DEL PERU FLTG RT DUE 04-24-2027 BEO	
Fixed Income	1,000,000	1,026,500.00	BANCO DEL ESTADO 2.704% DUE 01-09-2025	
Fixed Income	700,000	721,000.00	BANCO DO BRASIL 9.0% 31/12/2049	
Fixed Income	730,000	741,862.50	BANCO DO BRASIL S 3.875 DUE 10-10-2022	
Fixed Income	705,000	725,480.25	BANCO DO BRASIL S 5.875% DUE 01-26-2022	
Fixed Income	1,300,000	1,262,625.00	BANCO GNB 6.5% DUE 04-03-2027	
Fixed Income	300,000	325,500.00	BANCO INTERNACIONAL DEL PERU 6.625% 19/03/2029	
Fixed Income	850,000	826,523.00	BANCO MERCANTIL 5.75% DUE 10-04-2031	
Fixed Income	1,000,000	945,560.00	BANCO MERCANTIL 6.75% DUE 09-27-2024	
Fixed Income	450,000	470,817.00	BANCO NAC DE DESEN ECONO 4.75% DUE 05-09-2024 REG	
Fixed Income	320,000	312,003.20	BANCO NACIONAL D. 3.8% SUB 11/08/26 USD200000	
Fixed Income	200,000	208,750.00	BANCO SANTANDER 3.875 DUE 09-20-2022	
Fixed Income	2,200,000	2,372,542.58	BANCO SANTANDER 6.25%-FRN PERP EUR100000	
Fixed Income	400,000	417,804.00	BANCO SANTANDER 7.5%-FRN PERP USD200000REGS	
Fixed Income	230,000	246,975.31	BANCO SANTANDER S 3.49% DUE 05-28-2030	
Fixed Income	1,000,000	1,041,630.00	BANCO SANTANDER SA 3.125% 02-23-2023	
Fixed Income	500,000	489,380.00	BANCOLOMBIA S A 3% DUE 01-29-2025	
Fixed Income	500,000	486,880.00	BANCOLOMBIA S A 4.875% DUE 10-18-2027	
Fixed Income	400,000	377,000.00	BANCOLOMBIA S A SR NT 4.625% DUE 12-18-2029/12-18-2024 REG	
Fixed Income	500,000	569,970.22	BANGKOK BK PCL. FIXED 4.45% DUE 09-19-2028	
Fixed Income	515,000	486,675.00	BANIJAY GROUP BANIJAY GROUP S.A.S DUE 03-01-2025 BEO	
Fixed Income	614,000	620,962.35	BANIJAY GROUP SNR SEC 04/02/26 EUR100000	
Fixed Income	360,000	369,717.70	BANK AMER CORP 2.676% DUE 06-19-2041	
Fixed Income	13,683,000	15,240,837.32	BANK AMER CORP 3.419% 12-20-2028	
Fixed Income	1,500,000	1,688,467.95	BANK AMER CORP 3.5% DUE 04-19-2026	
Fixed Income	5,710,000	6,454,386.95	BANK AMER CORP 3.705% BNDS 04-24-2028	
Fixed Income	200,000	219,624.38	BANK AMER CORP 4.1% DUE 07-24-2023	
Fixed Income	317,000	284,475.80	BANK AMER CORP 4.3% DUE 12-31-2049	
Fixed Income	940,000	1,082,169.83	BANK AMER CORP 4.45% DUE 03-03-2026	
Fixed Income	80,000	81,723.50	BANK AMER CORP 5.875% DUE 12-31-2049	
Fixed Income	700,000	777,476.70	BANK AMER CORP CORP BD 4.125 DUE 01-22-2024 REG	
Fixed Income	695,000	681,968.75	BANK AMER CORP FIXED 5.125% 12-31-2049	
Fixed Income	735,000	761,888.38	BANK AMER CORP FLTG RT 2.881% DUE 04-24-2023	
Fixed Income	255,000	275,874.07	BANK AMER CORP FLTG RT 2.884% DUE 10-22-2030	
Fixed Income	560,000	579,639.20	BANK AMER CORP FLTG RT 6.25% DUE 09-29-2049	
Fixed Income	600,000	601,374.00	BANK AMER CORP SR NT FLTG VAR RT DUE 07-23-2024/07-23-2023	
Fixed Income	855,000	889,200.00	BANK NEW YORK MELLON CORP 4.7% 12-31-2049	
Fixed Income	1,000,000	1,110,198.41	BANK OF AMERICA CORP BNDS 4.2 DUE 08-26-2024	
Fixed Income	500,000	556,306.11	BANK OF CHINA LTD 5.0% 13/11/2024	
Fixed Income	200,000	151,772.39	BANK OF MONTREAL 2.28% SNR 29/07/2024 CAD1	
Fixed Income	690,000	679,236.00	BANK OF NEW YORK MELLON CORP FLTG DUE 12-29-2049	
Fixed Income	2,100,000	2,296,878.36	BANK SER 2017-BNK8 CL A-S 3.731% 11-15-2050	
Fixed Income	1,600,000	1,764,497.60	BANK SR 2018-BNK10 CL AS 3.898% 02-15-2061	
Fixed Income	300,000	313,755.00	BANQUE OUEST AFRIC 5% SNR 27/07/2027 USD200000	
Fixed Income	300,000	297,003.00	BANTRAB SENIOR TRUST CORP BD 9 DUE 11-14-2020	
Fixed Income	1,000,000	1,088,771.49	BARCLAYS BK PLC 7.625 DUE 11-21-2022	
Fixed Income	150,000	192,995.83	BARCLAYS PLC 3.125% SNR 17/01/2024 GBP	
Fixed Income	200,000	204,448.00	BARCLAYS PLC 3.2% DUE 08-10-2021	
Fixed Income	1,700,000	1,842,987.00	BARCLAYS PLC 3.65% DUE 03-16-2025	
Fixed Income	3,800,000	4,278,876.00	BARCLAYS PLC 4.375% DUE 01-12-2026	
Fixed Income	800,000	937,313.06	BARCLAYS PLC 4.972% 05-16-2029	
Fixed Income	600,000	744,911.12	BARCLAYS PLC 7.875%-FRN PERP GBP200000	
Fixed Income	400,000	451,719.71	BARCLAYS PLC 8.0% 15/12/2049	
Fixed Income	700,000	711,375.00	BARCLAYS PLC BARCLAYS PLC 7.75% DUE 12-31-2049 BEO	
Fixed Income	1,700,000	1,726,126.06	BARCLAYS PLC BARCLAYS PLC GLB FLT% AUG 10 2021 DUE 08-10-2021 BEO	
Fixed Income	1,200,000	1,189,026.43	BARCLAYS PLC SR NT FLTG VAR RT DUE 05-16-2024/05-16-2023	
Fixed Income	100,000	111,513.57	BARNABAS HLTH SYS 4% DUE 07-01-2028	
Fixed Income	169,567	164,734.76	BARRACUDA NETWORKS INC SEN SEC TL 02-12-2025	
Fixed Income	1,069,211	1,026,057.77	BASS PRO GROUP LLC TERM LOAN 09-25-2024	
Fixed Income	200,000	233,067.33	BAT INTL FINANCE 2.25% GTD SNR 16/01/30 EUR	
Fixed Income	1,000,000	1,217,204.75	BAT INTL FINANCE 2.75% GTD SNR 25/03/25 EUR	
Fixed Income	963,270	934,738.22	BAUSCH HEALTH COMPANIES (FKA VALEANT PHARMACEUTICALS INTL) TLB 06-02-2025	
Fixed Income	300,000	353,134.36	BAXTER INTERNATIONAL INC BNDS 1.3% DUE 05-30-2025 BEO	
Fixed Income	4,200,000	4,690,695.71	BAYER AG 2.375%-FRN SUB 02/04/75 EUR	
Fixed Income	3,300,000	3,742,947.57	BAYER CAP CORP B.V. 0.625% GTD SNR 15/12/22 EUR	
Fixed Income	400,000	438,045.58	BBVA(BILB-VIZ-ARG) 5.875%-FRN PERP EUR2000007	
Fixed Income	400,000	465,517.38	BBVA(BILB-VIZ-ARG) 8.875%-FRN PERP EUR2000004	
Fixed Income	486,479	563,152.44	BCA MARKETPLACE PLC TERM LOAN B1 24/09/2026	
Fixed Income	500,000	499,255.00	BCO VOTORANTIM 4.5% SNR MTN 24/09/2024 USD	
Fixed Income	2,296,259	2,180,205.96	BEACON ROOFING SUPPLY INC TERM LOAN 01-02-2025 BEO	
Fixed Income	200,000	211,621.89	BECTON DICKINSON & 2.823% DUE 05-20-2030	
Fixed Income	500,000	282,700.00	BED BATH & BEYOND 5.165% DUE 08-01-2044	
Fixed Income	563,000	611,820.57	BELDEN INC 3.375% SUB 15/07/2027 EUR	
Fixed Income	350,000	272,889.50	BELL CDA MTN 2.9% 10/09/2029	
Fixed Income	1,650,000	1,836,555.84	BERKSHIRE HATHAWAY FIXED 0% DUE 03-12-2025	
Fixed Income	538,028	508,436.75	BERLIN PACKAGING LLC TERM LOAN B DUE 10-31-2025 BEO	
Fixed Income	1,200,000	1,311,000.00	BERMUDA GOVT SR NT 144A 4.854 DUE 02-06-2024 BEO	
Fixed Income	245,000	238,206.15	BERRY GLOBAL GROUP INC FKA BERRY PLASTICS CORPORATION TERM W LOAN DUE 10-01-22	
Fixed Income	2,277,000	2,171,688.75	BERRY GLOBAL INC FKA BERRY PLASTICS C ORPORATION TERM LOAN DUE 07-01-2026 BEO	

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Fixed Income	200,000	223,988.46	BERTELSMANN SE & CO KGAA BNDS	3.5%	23/04/2075
Fixed Income	110,000	114,446.84	BGC PARTNERS INC FIXED 5.375% DUE	07-24-2023	
Fixed Income	500,000	512,222.94	BHARAT PETROL CORP 4% SNR MTN 08/05/2025USD		
Fixed Income	200,000	206,399.19	BHARTI AIRTEL LTD 4.375% DUE 06-10-2025		
Fixed Income	1,725,000	2,295,764.12	BHP BILLITON FINANCE LTD	3.25%	24/09/2027
Fixed Income	536,642	503,101.65	BIG RIVER INDUSTRIES LTD TERM LOAN	08-23-2023	BEO
Fixed Income	200,000	203,300.00	BIZ FINANCE PLC 9.75%22/01/25		
Fixed Income	133,333	136,246.67	BIZ FINANCE PLC BNDS	9.625%	22/04/2022
Fixed Income	1,404,683	1,356,516.84	BJS WHOLESALE CLUB INC TERM LOAN B	02-03-2024	
Fixed Income	400,000	389,944.00	BK LEUMI LE ISRAEL 3.275%-FRN LT2	29/01/31 USD	
Fixed Income	500,000	498,900.00	BK NOVA SCOTIA B C FIXED 4.9% DUE	12-31-2049	
Fixed Income	815,000	969,886.55	BK OF AMERICA CORP 1.776%-FRN SNR	04/05/27 EUR	
Fixed Income	300,000	391,056.28	BK OF AMERICA CORP 2.3% SNR EMTN	25/07/25 GBP	
Fixed Income	260,000	267,789.70	BK RAKYAT 3.95% SNR 28/03/2024 USD		
Fixed Income	1,247,599	1,191,457.05	BLACKSTONE CQP HOLDCO LP TERM LOAN DUE	09-30-2024	BEO
Fixed Income	1,057,000	1,218,332.78	BLITZ WEINHARD CO 6.0% 30/07/2026		
Fixed Income	340,000	335,848.60	BLOCK 4.875% DUE 03-01-2028		
Fixed Income	125,000	111,250.00	BLUE RACER 6.625% DUE 07-15-2026		
Fixed Income	280,000	286,619.23	BMW VEH OWNER TR 2018-A CL A-4 2.66% 06-25-2024		
Fixed Income	300,000	373,368.62	BNP PARIBAS 1.875% SNR NPF 14/12/27 GBP		
Fixed Income	2,700,000	3,249,636.29	BNP PARIBAS 2.125%-FRN 23/01/2027 EUR		
Fixed Income	1,000,000	1,085,620.00	BNP PARIBAS 7.0% DUE 12-31-2049		
Fixed Income	615,000	674,193.75	BNP PARIBAS 7.375% DUE 12-29-2049		
Fixed Income	1,535,000	1,624,755.46	BNP PARIBAS SR NON PFD 144A MED TERM NT PROGRAM BOOK ENTRY 3.5% 03-01-2023		
Fixed Income	265,000	277,517.99	BNP PARIBAS SR NON VAR RT 2.819% DUE	11-19-2025	
Fixed Income	1,550,000	1,764,541.39	BOEING CO FIXED 5.705% DUE 05-01-2040		
Fixed Income	4,390,000	5,184,527.00	BOEING CO FIXED 5.805% DUE 05-01-2050		
Fixed Income	594,963	643,798.79	BOLUDA CORPORACION TERM LN B 01/08/2026		
Fixed Income	2,000,000	1,375,600.00	BOMBARDIER INC 6.125% DUE 01-15-2023		
Fixed Income	150,000	70,500.00	BONO GAR PROV DEL BNDS 7.75% 7.75%	26/07/2026	
Fixed Income	223,000	225,230.00	BORETS FINANCE DAC 6.5% GTD SNR	07/04/2022 USD	
Fixed Income	989,950	934,265.09	BOXER PARENT COMPANY INC. DUE 10-02-2025BEO		
Fixed Income	60,000	56,082.00	BOYD GAMING CORP 6.0%	08-15-2026	
Fixed Income	335,000	318,250.00	BOYD GAMING CORP 6.375% DUE 04-01-2026		
Fixed Income	4,250,000	4,388,125.00	BP CAP MKTS P L C 4.875% DUE 12-31-2049		
Fixed Income	500,000	513,559.61	BPRL INTERNATIONAL 4.375% GTD SNR	18/01/27 USD	
Fixed Income	494,898	451,594.39	BRAND ENERGY & INFRASTRUCTURE SERVICES INC TERM LN DUE 06-14-24		
Fixed Income	200,000	204,540.00	BRASKEM AMER FIN 7.1250 DUE 07-22-2041		
Fixed Income	1,000,000	1,055,510.00	BRAZIL FEDERATIVE REP GLOBAL BD 4.25 DUE01-07-2025 REG		
Fixed Income	51,664	51,663.67	Brazilian real - Cash		
Fixed Income	0	4,995,134.28	Brazilian real - Pending foreign exchange purchases		
Fixed Income	0	(3,199,395.72)	Brazilian real - Pending foreign exchange sales		
Fixed Income	320,000	326,227.14	BRIGHTHOUSE FIN INC 3.7%	06-22-2027	
Fixed Income	450,000	458,338.50	BRINKS CO 5.5% DUE 07-15-2025		
Fixed Income	1,200,000	1,398,006.52	BRISTOL MYERS 3.4% DUE 07-26-2029		
Fixed Income	500,000	665,439.93	BRISTOL MYERS 6.8% DUE 11-15-2026		
Fixed Income	472,752	472,752.49	British pound sterling - Cash		
Fixed Income	69,522	69,521.85	British pound sterling - Cash Collateral Due to/from CCP Broker		
Fixed Income	1,746,676	1,746,676.42	British pound sterling - Cash Collateral Held at Broker		
Fixed Income	0	41,490,560.91	British pound sterling - Pending foreign exchange purchases		
Fixed Income	0	(57,150,635.61)	British pound sterling - Pending foreign exchange sales		
Fixed Income	0	(624,120.70)	British pound sterling - Pending trade purchases		
Fixed Income	0	1,637,003.06	British pound sterling - Pending trade sales		
Fixed Income	0	-	British pound sterling - Recoverable taxes		
Fixed Income	12,442,583	12,442,583.05	British pound sterling - Variation Margin		
Fixed Income	75,000	76,707.27	BRIMOR OPER 4.05% DUE 07-01-2030		
Fixed Income	1,000,000	1,045,797.30	BRIMOR OPER 4.125% DUE 06-15-2026		
Fixed Income	1,000,000	1,080,616.17	BROADCOM CORP/CAYMN FI 3.875% 01-15-2027		
Fixed Income	3,065,000	3,192,667.55	BROADCOM INC 3.125% DUE 10-15-2022		
Fixed Income	700,000	768,397.97	BROOKFIELD FIN INC 3.9% DUE 01-25-2028		
Fixed Income	578,731	557,630.44	BROOKFIELD WEC HLDS INC (AKA WESTINGHOUSE ELECTRIC CO LLC) INITIAL TL 08-01-25		
Fixed Income	1,075,000	1,158,006.39	BSTN PPTYS LTD 3.25% DUE 01-30-2031		
Fixed Income	750,000	813,453.46	BSTN PPTYS LTD 3.8% DUE 02-01-2024		
Fixed Income	50,000	52,104.00	BSTN SCIENTIFIC 2.65% DUE 06-01-2030		
Fixed Income	1,385,000	1,305,085.50	BUCKEYE PARTNERS L 3.95% DUE 12-01-2026		
Fixed Income	895,000	852,487.50	BUCKEYE PARTNERS L 4.125% DUE 12-01-2027		
Fixed Income	75,000	72,960.00	BUCKEYE PARTNERS L 4.15% DUE 07-01-2023		
Fixed Income	880,000	822,800.00	BUCKEYE PARTNERS L 4.5% DUE 03-01-2028		
Fixed Income	375,000	325,425.00	BUCKEYE PARTNERS L 5.85% DUE 11-15-2043		
Fixed Income	70,000	51,100.00	BUCKEYE PARTNERS L P 6.375% DUE	01-22-2078	
Fixed Income	300,000	248,994.48	BUKIT MAKMUR FIXED 7.75% DUE 02-13-2022		
Fixed Income	265,000	398,459.71	BURL NORTHN SANTA 7.95% DUE 08-15-2030		
Fixed Income	915,000	829,694.55	BWAY HDLG CO 7.25% DUE 04-15-2025		
Fixed Income	955,000	1,048,063.79	BWAY HOLDING CO 4.75% 15/04/2024		
Fixed Income	1,710,158	1,531,309.79	BWAY HOLDING COMPANY BWAY HOLDING CO TLBSR SECD 1ST LIEN DUE 04-03-2024 BEC		
Fixed Income	500,000	496,250.00	C&W SR FINANCING D 6.875% SNR 05/19/2027USD		
Fixed Income	1,300,000	1,290,250.00	C&W SR FING 6.875% DUE 09-15-2027		
Fixed Income	192,128	192,879.01	CA REP AUTO RECEIVABLES TR 2017-1 CL A4 2.28% 06-15-2022		
Fixed Income	300,000	304,950.00	CABLE ONDA S A 4.5% DUE 01-30-2030		
Fixed Income	1,000,000	938,130.00	CAESARS RESORT COLLECTION LLC TERM LOAN DUE 06-19-2025 BEO		
Fixed Income	1,328,281	1,177,600.53	CAESARS RESORT COLLECTION, LLC TERM LOANSENIOR SECURED DUE 10-02-2024 BEO		
Fixed Income	2,315,000	2,315,000.00	CALIFORNIA EARTHQUAKE AUTH REV 1.3% 07-01-2020 BEO TAXABLE		
Fixed Income	300,000	354,441.00	CALIFORNIA ST 4.5% 04-01-2033 BEO TAXABLE		
Fixed Income	1,000,000	1,671,840.00	CALIFORNIA ST 7.3% 10-01-2039 BEO TAXABLE		
Fixed Income	150,000	244,611.00	CALIFORNIA ST 7.5% 04-01-2034 BEO TAXABLE		
Fixed Income	190,000	335,386.10	CALIFORNIA ST 7.625% 03-01-2040 BEO TAXABLE		
Fixed Income	300,000	504,651.00	CALIFORNIA ST TAXABLE-BUILD AMER BDS 7.35% DUE 11-01-2039 REG TAXABLE		
Fixed Income	125,000	133,888.75	CALIFORNIA ST UNIT REV 2.975% 11-01-2051BEO TAXABLE		
Fixed Income	-10,200,000	(12,966.24)	CALL SWO_CDXY BNPAFRPP 08/19/2020 CDX.NA.IG.34 3175JJ691		
Fixed Income	-7,500,000	(7,182.00)	CALL SWO_CDXY BNPAFRPP 08/19/2020 CDX.NA.IG.34 3175JJ808		
Fixed Income	-10,300,000	(13,093.36)	CALL SWO_CDXY GSII GRB2X 08/19/2020 CDX.NA.IG.34 3175JJ2325		

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Fixed Income	997,144	960,030.74	CALPINE CONSTRUCTION FINANCE COMPANY TERM LOAN 03-20-2026
Fixed Income	271,519	261,081.77	CALPINE CONSTRUCTION FINANCE COMPANY L P TL 01-31-2025
Fixed Income	85,000	84,787.50	CALPINE CORP 5.5% DUE 02-01-2024
Fixed Income	1,340,000	1,353,118.60	CALPINE CORP 5.75% DUE 01-15-2025
Fixed Income	100,000	108,181.84	CAMDEN PPTY TR 2.8% DUE 05-15-2030/04-20-2020 REG
Fixed Income	150,000	150,000.00	CAMELOT FIN S A 4.5% DUE 11-01-2026
Fixed Income	199,000	192,409.13	CAMELOT US ACQU 1 CO (AKA THMS REUT INTEL PRO & SCIENCE) TR LN B 10-28-2026
Fixed Income	18,391	18,390.70	Canadian dollar - Cash
Fixed Income	-472,840	(472,839.64)	Canadian dollar - Cash Collateral Due to/from CCP Broker
Fixed Income	0	14,050,010.77	Canadian dollar - Pending foreign exchange purchases
Fixed Income	0	(22,644,173.35)	Canadian dollar - Pending foreign exchange sales
Fixed Income	1,670,737	1,670,736.99	Canadian dollar - Variation Margin
Fixed Income	3,560,000	3,749,281.78	CAP 1 FINL CORP 3.2% DUE 01-30-2023
Fixed Income	1,340,000	1,441,814.92	CAP 1 FINL CORP 3.3% DUE 10-30-2024
Fixed Income	585,000	476,775.00	CAP 1 FINL CORP FLTG RT 4.15% DUE 12-29-2049
Fixed Income	700,000	516,250.00	CAPEX S A 6.875% DUE 05-15-2024
Fixed Income	300,000	339,293.52	CAPITAL ONE FINL CORP 1.65% 06-12-2029
Fixed Income	264,000	195,360.02	CAR INC 6.0% 11/02/2021
Fixed Income	300,000	334,679.88	CARDINAL HLTH INC 3.75% DUE 09-15-2025
Fixed Income	610,000	604,662.50	CARGO AIRCRAFT 4.75% DUE 02-01-2028
Fixed Income	3,250,000	3,627,929.18	CARLYLE GLOBAL M16 FRN A/BKD 01/2030 EUR'A-1-R
Fixed Income	520,000	525,822.23	CARMAX AUTO OWNER 2.84% DUE 10-17-2022
Fixed Income	580,000	590,899.42	CARMAX AUTO OWNER TR 2017-4 CL B 2.46% 08-15-2023 REG
Fixed Income	420,000	433,041.71	CARMAX AUTO OWNER TR 2018-4 SER 18-4 CL A3 3.36% 09-15-2023
Fixed Income	8,050,000	8,396,996.86	CARMAX AUTO OWNER TR 2018-4 SER 18-4 CL B 3.67% 05-15-2024
Fixed Income	170,000	175,410.30	CARMAX AUTO OWNER TR 2018-4 SER 18-4 CL C 3.85% 07-15-2024
Fixed Income	1,000,000	962,500.00	CARNIVAL CORP SEN SEC TERM LOAN 06-30-2025
Fixed Income	40,000	39,882.85	CARRIER GLOBAL 2.7% DUE 02-15-2031
Fixed Income	1,962,397	1,933,124.38	CARRINGTON MTG LN FLTG RT 1.14663% DUE 05-25-2035
Fixed Income	500,000	569,483.68	CASINO 5.976% 26/05/2021
Fixed Income	1,300,000	1,242,905.90	CASINO GUICHARD PERRACHO 2.798% 05/08/2026
Fixed Income	500,000	526,397.58	CBS CORP NEW FIXED 2.9% DUE 06-01-2023
Fixed Income	400,000	412,500.00	CCO HLDGS LLC / 5.875% DUE 04-01-2024
Fixed Income	2,062,000	2,062,000.00	CCP DUE FROM WELLS FARGO BANK,N.AMINNEPOLIS,MN,US
Fixed Income	-439,000	(439,000.00)	CCP DUE PAYABLE TO CITIBANK
Fixed Income	934,000	934,000.00	CCP RECEIVABLE FROM WELLS FARGO NA
Fixed Income	40,000	41,421.16	CD 2016-CD1 MTG TR 2.926% DUE 08-10-2049
Fixed Income	230,000	229,229.50	CD&R WTRWKS MERGER 6.125% DUE 08-15-2025
Fixed Income	230,000	230,092.93	CDN NAT RES LTD 2.05% DUE 07-15-2025
Fixed Income	585,000	785,407.35	CDN PAC RY CO NEW 5.75% DUE 03-15-2033
Fixed Income	300,000	461,168.60	CDN PAC RY CO NEW 6.125% DUE 09-15-2115
Fixed Income	530,000	532,650.00	CEDAR FAIR L P / 5.5% DUE 05-01-2025
Fixed Income	1,639,000	1,834,362.39	CELANESE US HLDGS 2.125% GTD SNR 01/03/27 EUR
Fixed Income	250,000	255,625.00	CELULOSA ARAUCO FIXED 5.5% 04-30-2049
Fixed Income	800,000	845,008.00	CELULOSA ARAUCO Y CONSTITUCION S A 4.5% DUE 08-01-2024
Fixed Income	500,000	461,850.00	CEMEX S A B DE C V 5.45% DUE 11-19-2029
Fixed Income	250,000	275,812.50	CEMIG GERACAO 9.25% GTD SNR 05/12/24 USD
Fixed Income	200,000	222,000.00	CENOCUS SA 6.625% 12/02/2045
Fixed Income	260,000	262,524.60	CENTENE CORP DEL 3.375% DUE 02-15-2030/05-06-2020 REG
Fixed Income	835,000	854,847.95	CENTENE CORP DEL 4.75% DUE 01-15-2025
Fixed Income	3,025,000	3,191,375.00	CENTENE CORP DEL FIXED 4.625% 12-15-2029
Fixed Income	780,000	804,889.80	CENTENE CORP DEL SR NT 4.25% 12-15-2027
Fixed Income	500,000	485,000.00	CENTERPOINT ENERGY INC 6.125% 12-31-2049
Fixed Income	400,000	422,588.92	CENTERPOINT ENERGY INC CORP 2.5% 09-01-2024
Fixed Income	200,000	190,750.00	CENTRAIS ELETRICAS 4.625% DUE 02-04-2030
Fixed Income	560,000	557,890.60	CENTRAL CHINA REAL 6.75% GTD SNR 08/11/21 USD
Fixed Income	4,657,006	4,380,193.62	CENTURYLINK INC FIRST LIEN TERM LOAN DUE 03-15-2027
Fixed Income	384,023	366,503.72	CERIDIAN HCM HOLDING INC TERM LOAN 04-04-2025
Fixed Income	300,000	305,628.00	CERRO DEL AGUILA S A 4.125% DUE 08-16-2027
Fixed Income	2	1.83	CF BLACKROCK MONEY MARKET FD
Fixed Income	8,217,893	143,159,804.66	CF COLCHESTER LOCAL MARKETS DEBT FUND FD
Fixed Income	300,000	320,793.00	CF INDS INC 5.15% DUE 03-15-2034
Fixed Income	135,000	145,975.50	CF INDS INC 5.375% DUE 03-15-2044
Fixed Income	26,510,261	325,776,622.88	CF PRUDENTIAL EMERGING MARKETS BLEND DEBT FUND
Fixed Income	500,000	512,494.57	CFLD (CAYMAN) INV% BDS 31/07/21 USD200000
Fixed Income	200,000	197,000.00	CFLD (CAYMAN) INV% 8.6% 08/04/2024
Fixed Income	300,000	305,241.00	CHAMPION SINCERITY 8.125% 31/12/2049
Fixed Income	785,947	753,306.89	CHANGE HEALTHCARE HOLDINGS INC TLB SENIOR SECD 1ST LIEN DUE 03-01-2024BEO
Fixed Income	1,000,000	985,000.00	CHARLES SCHWAB CORP 5.0% 12-31-2049
Fixed Income	925,000	986,598.69	CHARTER 4.464% DUE 07-23-2022
Fixed Income	400,000	442,564.88	CHARTER 4.5% DUE 02-01-2024
Fixed Income	600,000	687,649.90	CHARTER 4.908% DUE 07-23-2025
Fixed Income	500,000	590,458.65	CHARTER 5.375% 05-01-2047
Fixed Income	760,000	1,004,319.52	CHARTER 6.384% DUE 10-23-2035
Fixed Income	100,000	132,224.68	CHARTER 6.484% DUE 10-23-2045
Fixed Income	2,785,000	3,082,499.04	CHARTER COMMUNICATIONS OPER LLC/CHARTE 4.8% DUE 03-01-2050
Fixed Income	159,591	153,516.76	CHARTER COMMUNICATIONS OPERATING LLC (AKA CCO SAFARI LLC) TERM LOAN 04-30-2025
Fixed Income	1,378,331	1,323,377.30	CHARTER COMMUNICATIONS OPERATING LLC AKA CCO ERM LOAN B2 DUE 02-01-27
Fixed Income	0	-	CHARTER NEX US, INC. SEN SEC TERM LOAN B 05-16-2024
Fixed Income	300,000	301,800.00	CHELPIPE FIN 4.5% 19/09/2024
Fixed Income	497,455	468,229.97	CHEMOURS COMPANY THE TERM LOAN DUE 03-26-2025 BEO
Fixed Income	1,050,000	1,176,810.61	CHENERIE CORPUS 5.875% DUE 03-31-2025
Fixed Income	970,000	1,103,606.93	CHENERIE CORPUS 7% DUE 06-30-2024
Fixed Income	260,000	258,700.00	CHENERIE ENERGY 5.625% DUE 10-01-2026
Fixed Income	2,395,000	2,320,156.25	CHENERIE ENERGY FIXED 4.5% DUE 10-01-2029
Fixed Income	2,420,000	2,412,014.00	CHENERIE ENERGY FIXED 5.25% DUE 10-01-2025
Fixed Income	120,000	128,922.00	CHICAGO ILL TRANT AUTH SALES TAX RCPTS REV 5.47% 12-01-2023 REG TAXABLE
Fixed Income	165,000	178,359.90	CHILDRENS HLTH 3.448% DUE 08-15-2049
Fixed Income	60,000	65,460.60	CHILE(REPUBLIC OF) INC 3.125% DUE 01-21-2026
Fixed Income	0	-	Chilean peso - Cash
Fixed Income	0	2,333,033.39	Chilean peso - Pending foreign exchange purchases

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Fixed Income	0	(2,333,072.31) Chilean peso - Pending foreign exchange sales
Fixed Income	400,000	400,536.80 CHINA CINDA ASSET 4.45%-FR SUB PERP USD200000
Fixed Income	300,000	328,293.17 CHINA CINDA FIN 4.25% DUE 04-23-2025
Fixed Income	700,000	829,570.85 CHINA DEV BANK 4% SNR 24/01/2037 USD200000
Fixed Income	400,000	377,481.06 CHINA EVERGRANDE BDS 11.5% 22/01/2023
Fixed Income	785,000	756,053.13 CHINA EVERGRANDE G 0% MTN 31/12/22 USD1000
Fixed Income	440,000	404,763.66 CHINA EVERGRANDE G 12% GTD 22/01/2024 USD
Fixed Income	440,000	408,089.40 CHINA EVERGRANDE G 8.25% GTD SNR 23/03/22 USD
Fixed Income	500,000	504,974.74 CHINA MINMETALS CO 3.75%-FR SNR PERP USD200000
Fixed Income	545,000	549,086.92 CHINA SCE PPTY CORP 7.45% 17/04/2021
Fixed Income	494,876	474,773.95 CHOBANI, LLC TLB LIEN1 DUE 10-07-2023
Fixed Income	290,000	290,513.30 CHOICE HOTELS INTL INC 3.7% DUE 12-01-2029
Fixed Income	2,700,000	2,541,375.00 CHS / CMNTY HEALTH SYS INC 6.25% 03-31-2023
Fixed Income	300,000	348,947.33 CHUBB INA HOLDINGS INC 1.4% 06-15-2031
Fixed Income	555,000	559,149.91 CIFI HLDGS GROUP C 5.5% GTD SNR 23/01/2022 USD
Fixed Income	2,160,000	2,344,649.78 CIGNA CORP NEW CORP 3.75% 07-15-2023
Fixed Income	400,000	527,245.48 CIGNA CORP NEW CORP 4.9% 12-15-2048
Fixed Income	1,050,000	616,875.00 CIMPOR FINL 5.75% DUE 07-17-2024
Fixed Income	600,000	553,500.00 CIMPRESS N V 7% DUE 06-15-2026
Fixed Income	260,000	219,700.00 CINEMARK USA INC 4.875% DUE 06-01-2023
Fixed Income	250,000	220,625.00 CINEMARK USA INC 5.125% DUE 12-15-2022
Fixed Income	742,871	695,512.72 CIRCOR INTERNATIONAL, INC. NEW TERM LOAN12-11-2024 BEO
Fixed Income	205,000	205,000.00 CIT GROUP INC NEW 4.125% DUE 03-09-2021
Fixed Income	485,000	495,306.25 CIT GROUP INC NEW 5% DUE 08-15-2022
Fixed Income	3,500,000	3,549,945.00 CIT GROUP INC NEW FIXED 4.75% DUE 02-16-2024
Fixed Income	960,000	994,598.40 CIT GROUP INC NEW FIXED 5.25% DUE 03-07-2025
Fixed Income	95,000	92,159.50 CIT GROUP INC NEW FLTG RT 3.929% DUE 06-19-2024
Fixed Income	99,500	96,597.59 CITADEL SECURITIES LP 2020 REPRICED TERMLOAN 02-27-2026 BEO
Fixed Income	100,000	107,962.44 CITIGROUP COML MTG TR 2016-P6 COML MTG PASSTHRU CTF CL 4.032% 12-10-2049
Fixed Income	700,000	745,823.57 CITIGROUP INC 3.5% DUE 05-15-2023
Fixed Income	425,000	468,370.85 CITIGROUP INC 3.52% 10-27-2028
Fixed Income	500,000	563,601.15 CITIGROUP INC 3.887% 01-10-2028
Fixed Income	1,000,000	1,087,207.88 CITIGROUP INC 4.044% 06-01-2024
Fixed Income	1,030,000	915,412.50 CITIGROUP INC 4.7% DUE 12-31-2049
Fixed Income	695,000	654,206.98 CITIGROUP INC 5.0% 12-31-2049 REG
Fixed Income	620,000	616,515.60 CITIGROUP INC 5.9% DUE 12-29-2049
Fixed Income	500,000	629,351.04 CITIGROUP INC FIXED 1.75% 10-23-2026
Fixed Income	9,190,000	10,560,874.14 CITIGROUP INC FIXED 3.98% 03-20-2030
Fixed Income	600,000	684,524.29 CITIGROUP INC FLTG RT 4.075% DUE 04-23-2029
Fixed Income	11,515,000	13,662,772.86 CITIGROUP INC FLTG RT 4.412% DUE 03-31-2031
Fixed Income	355,000	377,794.38 CITIGROUP INC NEW 2.976% DUE 11-05-2030
Fixed Income	5,015,000	5,418,604.14 CITIGROUP INC SR NT 3.352% 04-24-2025
Fixed Income	1,180,000	1,044,300.00 CITIZENS FINL GROUP INC 6.0% DUE 12-31-2049 BEO
Fixed Income	210,000	224,488.12 CITRIX SYS INC 3.3% DUE 03-01-2030
Fixed Income	1,760,000	1,946,331.25 CK HUTCHISON GROUP 0.75% GTD SNR 17/04/26 EUR
Fixed Income	2,647,207	2,393,075.10 CLEAR CHANNEL OUTDOOR HOLDINGS, INC. SEN SEC TERM LOAN 08-21-2026
Fixed Income	945,000	963,843.30 CLEARWAY ENERGY 4.75% DUE 03-15-2028
Fixed Income	537,000	694,505.09 CLEV ELEC ILLUM CO 5.95% DUE 12-15-2036
Fixed Income	0	(924,937.13) CME IRS CME_WFBUSI6S USD P 1.75%/R 3M LIBOR 12/21/2026 SWU00INA1
Fixed Income	0	(359,109.76) CME IRS WFBUSI6S 01/15/2030 USD P 1.75% / R 3MLIBOR SWU00FW3
Fixed Income	0	(234,637.32) CME IRS WFBUSI6S 01/16/2050 USD P 1.625% / R 3MLIBOR SWU00VP13
Fixed Income	0	(1,058,093.84) CME IRS WFBUSI6S 01/22/2050 USD P 1.75% / R 3MLIBOR SWU00WO50
Fixed Income	0	(79,683.60) CME IRS WFBUSI6S 02/07/2050 USD P 1.875% / R 3MLIBOR SWU00X369
Fixed Income	0	(1,312,356.48) CME IRS WFBUSI6S 02/12/2045 USD P 2% / R 3MLIBOR SWU00XPH1
Fixed Income	0	(1,805,725.95) CME IRS WFBUSI6S 03/12/2050 USD P 2.25% / R 3MLIBOR SWU00V603
Fixed Income	0	(917,047.76) CME IRS WFBUSI6S 06/27/2024 USD P 1.98% / R 3MLIBOR SWU00UST8
Fixed Income	0	794,196.24 CME IRS WFBUSI6S 12/16/2021 USD P 3MLIBOR / R 1.75% SWU00UCB4
Fixed Income	0	(604,883.70) CME IRS WFBUSI6S 12/18/2021 USD P 1.5% / R 3MLIBOR SWU00VVP0
Fixed Income	0	(599,688.32) CME IRS WFBUSI6S 12/18/2021 USD P 2.5% / R 3MLIBOR SWU00UE63
Fixed Income	0	(122,910.48) CME IRS WFBUSI6S 12/19/2020 USD P 2.75% / R 3MLIBOR SWU00PUU3
Fixed Income	0	122,910.48 CME IRS WFBUSI6S 12/19/2020 USD P 3MLIBOR / R 2.75% SWU00PUU3
Fixed Income	950,076	671,378.92 CMO ALTERNATIVE LN TR 2007-25 6.5 DUE 09-25-2037 REG
Fixed Income	208,308	185,659.67 CMO AMERICAN HOME MTG ASSETS TR SER2007-3 CL I-1A-1 FLTG RT DUE 06-25-2037 REG
Fixed Income	115,884	114,494.03 CMO AMERICAN HOME MTG INVT TR 2005-2 CL IV-A-2 FLTG DUE 09-25-2045 REG
Fixed Income	938,654	902,890.55 CMO BANC AMER FDG 2007-A TR SER 07-A CL 1A1 FLGT 20 FEB 2047
Fixed Income	652,453	613,278.89 CMO BEAR STEARNS ARM TR 2004-10 CL 11A1 VAR RT DUE 01-25-2035 REG
Fixed Income	12,501	11,716.44 CMO BEAR STEARNS ARM TR 2005-12 CL I-3-A-1 4.18225% DUE 02-25-2036 REG
Fixed Income	829,522	740,286.69 CMO BEAR STEARNS MTG FDG TR 2006-AR3 CL I-A-1 VAR RATE DUE 10-25-2036 REG
Fixed Income	138,528	117,148.74 CMO BEAR STEARNS MTG FDG TR 2007-AR5 MTGPASSTHRU CTF CL I-A-1 DUE 11-25-2036
Fixed Income	75,000	78,657.44 CMO CFCRE 2016-C6 MTG TR MTG PASS THRU CTF CL A-M DUE 11-10-2049 REG
Fixed Income	465,000	490,138.55 CMO CITIGROUP COML MTG TR 2014-GC21 MTG PASS THR CTF CL A-S 4.026 DUE 05-10-47
Fixed Income	260,000	273,023.14 CMO CITIGRP COMMERCIAL MORTGAGE CITIGROUP COML MTG TR DUE 04-15-2049 REG
Fixed Income	150,000	156,283.23 CMO COMM 2013-CCRE15-H2 MTG TR MTG PASS THRU CTF CL B 4.762% DUE 10-10-2046 REG
Fixed Income	443,884	402,788.13 CMO COUNTRYWIDE ALTERNATIVE LOAN TRUST SER 05-65CB CL 2A6 6% 12-25-2035
Fixed Income	401	422.32 CMO CR SUISSE 1ST BSTN MTG SECS CORP 2001-3 FNT CL I-A-1 6.75 DUE 08-25-2031
Fixed Income	2,200,000	2,294,184.42 CMO CSAIL 2015-C3 COML MTG TR CL ASB 3.4481% DUE 08-15-2048 REG
Fixed Income	326,127	324,051.67 CMO CWALT ALTERNATIVE LN TR 2006 OC11 CTF CL 2-A-2 FLTG DUE 01-25-2037 REG
Fixed Income	604,644	542,816.42 CMO CWALT INC FOR FUTURE ISSUES SEE SR 05-58 CL A1 FLTG RT 12-20-2035
Fixed Income	175,346	170,172.76 CMO CWMBS INC 2004-22 CHL MTG PASSTHRU CTF CL A-3 DUE 11-25-2034 REG
Fixed Income	255,116	248,635.51 CMO CWMBS INC 2004-HYB9 CHL MTG PASSTHRUCTF 1-A-1 DUE 02-20-2035 REG
Fixed Income	4,847,238	3,217,996.23 CMO DEUTSCHE ALT-A SECS MTGLN TR SER 2007-O ALT-A CL A-1 FLT RT 02-25-47 BEO
Fixed Income	5,450,000	6,015,137.21 CMO FEDERAL HOME LN MTG CORP TRANCHE SER K731 CL A2 VAR RT 02-25-2025 REG
Fixed Income	463,849	482,626.11 CMO FRESB 2017-SB30 MTG TR MLTFAM MTG PASSTHRU CTF CL A-10F DUE 04-25-2027REG
Fixed Income	2,801,055	2,803,497.64 CMO GNMA SER 2015-H10 CL FH FLTG RT DUE 04-20-2065
Fixed Income	82,716	78,851.17 CMO GS MTG SECS CORP 2005-AR7 MTG PASSTHRU CTF CL 6A1 DUE 11-25-2035 REG
Fixed Income	34,038	33,796.52 CMO GS MTG SECS CORP SER 2005-AR6 CL 2A1 DUE 09-25-2035/10-25-2005 REG
Fixed Income	4,279	4,048.71 CMO INDYMAC ARM TR 2001-H2 MTG PASSTHRU CTF A-2 VAR RATE DUE 01-25-2032 BEO
Fixed Income	527,955	469,726.27 CMO INDYMAC MBS INC 2005-AR1 CL 3-A-1 FLTG DUE 11-25-2035 REG
Fixed Income	2,450,000	2,503,012.12 CMO J P MORGAN CHASE COML MTG SECS TR 2013-C CL A-S 3.3715 12-15-2047 REG
Fixed Income	2,210,000	2,218,954.04 CMO J P MORGAN CHASE COML MTG SECS TR 2013-C CL B FLTG RT 12-15-2047 REG
Fixed Income	85,000	61,605.30 CMO J P MORGAN CHASE COML MTG SECS TR 2013-L CL C 3.958 DUE 04-15-2046 REG

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Fixed Income	1,450,000	1,476,118.13	CMO JPMBB COML MTG SECS TR 2013-C12 DUE 07-15-2045 BEO
Fixed Income	400,000	409,074.72	CMO JPMBB COML MTG SECS TR 2013-C14 COMLMTG PASSTHRU CTF CL B DUE 08-15-2046 REG
Fixed Income	750,000	791,006.78	CMO JPMBB COML MTG SECS TR 2014-C21 CL A-S 3.9965 08-15-2047 REG
Fixed Income	75,000	69,257.34	CMO JPMBB COML MTG SECS TR 2014-C24 COMLMTG PASSTHRU CTF CL B DUE 11-15-2047 REG
Fixed Income	2,469,116	2,695,355.38	CMO JPMBB COML MTG SECS TR SER 2015-C33 CL A3 3.5043% 12-15-2048
Fixed Income	250,000	252,758.65	CMO JPMMC COML MTG SECS TR 2016-JP4 COMLMTG PASSTHRU CTF CL B DUE 12-15-2049 REG
Fixed Income	11,629	11,225.60	CMO MASTR SEASONED SEC TR 2005-1 MTG PASSTHRU CTF CL 4-A-2 10-25-32
Fixed Income	158,523	153,816.08	CMO MELLON RESDNTL FDG CORP 2000-TBC2 MTG PASSTHRU CTF CL A-1 VAR 05-25-30
Fixed Income	147,812	136,592.54	CMO MERRILL LYNCH MTG INV INC 2005-3 MTG BKD CTF CL 5-A DUE 11-25-2035 REG
Fixed Income	20,170	18,671.45	CMO MERRILL LYNCH MTG INV INC SER 2003-A1 CL III-A DUE 12-25-2032 BEO
Fixed Income	1,360,000	1,390,029.62	CMO MORGAN STANLEY BAML TRUST SER 2012-C5 CL A4 3.176% 08-15-2045
Fixed Income	2,177,000	2,345,820.04	CMO MORGAN STANLEY BK AMER SER 2016 C32 CL A-S 3.994% 12-17-2049
Fixed Income	1,925,000	2,040,492.88	CMO MORGAN STANLEY BK OF AMER MERRIL LYNCH TR 2013-C12 CL A-S 4.482 10-15-46
Fixed Income	150,000	156,321.78	CMO MORGAN STANLEY BK OF AMER MERRIL LYNCH SER 2013-C12 CL B DUE 10-15-2046
Fixed Income	1,477,308	1,211,541.02	CMO RALI SER TR VAR RT SER 07-QA5 CL 2A1 09-25-2037
Fixed Income	845,023	784,016.24	CMO SEQUOIA MTG TR SER 2005-2 CL A1 DUE 08-20-2035 REG
Fixed Income	607,981	601,138.18	CMO STRUCTURED ADJ RATE MTG LN TR SER 2004-12 CL 9-A VAR RT 09-25-2034
Fixed Income	238,717	227,262.18	CMO THORNBURG MTG SECS TR 2006-5 MTG 10-25-2046/04-25-2011 REG
Fixed Income	2,190,000	2,464,033.35	CMO UBS COML MTG TR 2017-C7 CL A4 .000357% 12-01-2027
Fixed Income	16,826	16,156.58	CMO WAMU MTG PASS-THROUGH CTFS 2004-AR12CL A-2A VAR DUE 10-25-2044 REG
Fixed Income	227,663	224,880.58	CMO WAMU MTG PASS-THRU CERTIFICATES PASSTHRU CTF CL A VARRT 5-25-2044 REG
Fixed Income	932,828	879,082.26	CMO WAMU MTG PASS-THRU CTFS SER 2005-AR15 CL A1A1 FLT RT 11-25-2045 BEO
Fixed Income	60,000	63,989.97	CMO WELLS FARGO COML MTG TR 2015-NXS3 CL AS VAR RT 09-15-2057
Fixed Income	35,000	37,437.96	CMO WELLS FARGO COML MTG TR 2017-RC1 3.844% DUE 01-15-2060 BEO
Fixed Income	121,000	109,434.00	CMO WELLS FARGO COMMERCIAL MTG TST SR 2013-LC12 CL B VAR RT 07-15-2046
Fixed Income	199,582	203,460.88	CMO WFRBS COML MTG TR 2013-C13 CL A-SB 2.654 DUE 05-15-2045
Fixed Income	75,000	73,009.41	CMO WFRBS COML MTG TR 2013-C14 MTG PASS THRU CTF CL B DUE 06-15-2046 REG
Fixed Income	40,000	36,252.66	CMO WFRBS COML MTG TR 2013-C18 COML MTG PASSTHRU CTF CL C VAR RT DUE 12-15-2046
Fixed Income	150,000	151,130.82	CMO WFRBS COML MTG TR 2014-C21 COML MTG PASSTHRU CTF CL B DUE 08-15-2047 REG
Fixed Income	50,000	52,789.08	CMO WFRBS COML MTG TR 2014-C24 MTG PASS THRU CTF CL A-S 3.931 DUE 11-15-2047 REG
Fixed Income	95,000	98,089.05	CMO WFRBS COML MTG TR 2014-C25 MTG PASS THRU CTF CL B DUE 11-15-2047 REG
Fixed Income	960,000	985,175.30	CNAIC HK FINBRIDGE 3.5% GTD SNR 19/07/2022 USD
Fixed Income	300,000	301,500.00	CNRCC CAPITALE LTD 3.9%-FRN GTD SNR PERP USD
Fixed Income	1,000,000	1,076,118.12	COBHAM (AI CONVOY 29/01/2027
Fixed Income	1,825,425	1,736,435.54	COBHAM PLC USD TERM LOAN B SENIOR SECURED DUE 02-03-2027 BEO
Fixed Income	380,000	416,494.18	COCA COLA CONS INC 3.8% DUE 11-25-2025
Fixed Income	418,000	467,853.27	COLFAX CORP 3.25% GTD SNR 15/05/25 EUR
Fixed Income	445,000	444,893.20	COLOMBIA TELECOMM 5.375 DUE 09-27-2022
Fixed Income	0	(142,805.36)	Colombian peso - Pending foreign exchange sales
Fixed Income	707,260,899	707,260,898.99	COLTV SHORT TERM INV FUND
Fixed Income	3,870,000	4,135,744.77	COMCAST CORP NEW 2.35% DUE 01-15-2027
Fixed Income	95,000	108,979.71	COMCAST CORP NEW 3.45% DUE 02-01-2050
Fixed Income	65,000	76,107.84	COMCAST CORP NEW 3.75% DUE 04-01-2040
Fixed Income	820,000	1,042,749.45	COMCAST CORP NEW 4.6% 10-15-2038
Fixed Income	100,000	126,810.99	COMCAST CORP NTS 02/12/2029 GBP
Fixed Income	200,000	204,534.00	COMCEL TRUST 6.875% GTD SNR 06/02/24 USD
Fixed Income	525,000	532,875.00	COMERICA INC 5.625% 12-31-2049
Fixed Income	760,000	791,160.00	COMETA ENERGIA SA 6.375% 24/04/2035
Fixed Income	1,140,000	1,186,740.00	COMETA ENERGIA SA 6.375% DUE 04-24-2035
Fixed Income	320,000	370,682.22	COMMONWEALTH EDISON CO 3.7% 08-15-2028
Fixed Income	1,015,000	1,012,564.00	COMMSCOPE INC 7.125% DUE 07-01-2028
Fixed Income	2,773,863	2,621,300.89	COMMSCOPE INC. TLB DUE 04-06-2026 BEO
Fixed Income	340,000	317,050.00	COMSTOCK RES INC 9.75% DUE 08-15-2026/06-23-2020 REG
Fixed Income	660,000	617,100.00	COMSTOCK RESOURCES INC 9.75% 08-15-2026
Fixed Income	120,000	144,073.06	CONAGRA BRANDS INC 4.85% DUE 11-01-2028
Fixed Income	180,000	265,452.72	CONAGRA INC NT 8.25 DUE 09-15-2030 BEO
Fixed Income	2,000,000	1,895,000.00	CONNECT FINCO SARL/CONNECT U S FINCO L 6.75% DUE 10-01-2026
Fixed Income	105,000	117,144.97	CONSOLIDATED EDISON CO N Y INC 3.7% DUE 11-15-2059
Fixed Income	80,000	87,349.24	CONSTELLATION BRANDS INC 3.75% DUE 05-01-2050/04-27-2020 REG
Fixed Income	556,000	615,229.24	CONSTELLUM NV 4.25% 15/02/2026
Fixed Income	515,000	504,700.00	CONSTELLUM SE 5.625% DUE 06-15-2028
Fixed Income	125,000	148,159.44	CONSUMERS ENERGY 3.5% DUE 08-01-2051
Fixed Income	15,213	12,759.32	CONT'L AIRL'S PASS 6.903% DUE 10-19-2023
Fixed Income	500,000	440,110.00	CONT'L RES INC 4.375% DUE 01-15-2028
Fixed Income	631,211	528,411.61	CONVERGEONE HOLDINGS CORP. TERM LOAN 01-04-2026
Fixed Income	200,000	218,300.00	CORP FINANCIERA DE FIXED 4.75% DUE 07-15-2025
Fixed Income	160,000	161,001.60	CORPORACION ANDINA DE FOMENTO NT 2.125% DUE 09-27-2021 REG
Fixed Income	355,000	367,435.65	CORPORACION ANDINA DE FOMENTO NT 2.75% DUE 01-06-2023 REG
Fixed Income	1,200,000	1,269,588.00	CORPORACION ANDINA DE FOMENTO NT 4.375% DUE 06-15-2022 REG
Fixed Income	600,000	628,800.00	CORPORACION FLTG RT 5.25% DUE 07-15-2029
Fixed Income	238,000	246,172.16	CORPORACION NACIONAL DEL COBRE DE 3.0% 144A 09-30-2029
Fixed Income	500,000	473,005.00	COSAN LTD FIXED 5.5% 09-20-2029
Fixed Income	1,250,000	1,118,762.50	COSTA RICA REP NT 144A 4.375% DUE 04-30-2025 REG
Fixed Income	320,000	320,147.20	COTE D'IVOIRE 6.125% SNR 15/06/2033 USD
Fixed Income	989,899	885,959.61	COTY INC TERM LOAN B DUE 03-28-2025 BEO
Fixed Income	600,000	612,645.24	COUNTRY GARDEN HLD 5.125% GTD SNR 17/01/25 USD
Fixed Income	914,487	804,035.14	COUNTRYWIDE ALTERNATIVE LOAN TRUST SER 06-30T1 CL 1A 6.25% 11-25-2036
Fixed Income	1,046,297	1,034,201.60	CPG INTERNATIONAL INC. TL SENIOR SECURED/FIRST LIEN DUE 05-05-2024 BEO
Fixed Income	253,000	299,664.70	CPUK FINANCE LTD 4.25% SNR SEC 28/02/47 GBP
Fixed Income	115,000	124,863.06	CR SUISSE AG NEW YORK BRH MEDIUM TRANCHE# SB 00771 2.95% 04-09-2025
Fixed Income	1,100,000	1,112,602.90	CR SUISSE GROUP 3.125% DUE 12-10-2020
Fixed Income	650,000	716,522.74	CR SUISSE GROUP 3.75% DUE 03-26-2025
Fixed Income	1,000,000	1,076,702.50	CR SUISSE GROUP 3.8% DUE 06-09-2023
Fixed Income	2,140,000	2,173,170.00	CR SUISSE GROUP AG 6.375% DUE 12-29-2999
Fixed Income	250,000	253,199.50	CR SUISSE GROUP AG FLTG RT 2.193% DUE 06-05-2026
Fixed Income	536,577	506,260.23	CREATIVE ARTISTS AGENCY, LLC CLOSING DATE TERM LOAN 11-27-2026 BEO
Fixed Income	150,000	150,607.50	CREDIT ACCEPTANCE CORPORATION 6.625% 03-15-2026
Fixed Income	200,000	206,250.00	CREDIT AGRICOLE S A 144A 6.875% 12-31-2049
Fixed Income	300,000	332,626.39	CREDIT AGRICOLE SA 0.375% .375% 21/10/2025
Fixed Income	400,000	539,233.14	CREDIT AGRICOLE SA 7.5% NTS 29/04/2049 PERP GBP1000 'REGS'
Fixed Income	200,000	229,337.80	CREDIT SUISSE GP 1.25%-FRN SNR 17/07/25 EUR

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Fixed Income	400,000	313,000.00	CREDIVALORES - CREDISERVICIOS S A S SR NT 144A 8.875% 02-07-2025
Fixed Income	600,000	686,250.00	CROATIA REP NT 144A 6 01-26-2024 REG
Fixed Income	300,000	337,639.12	CROATIA(REP OF) 1.5% SNR 17/06/2031 EUR1000
Fixed Income	406,454	373,258.69	CROSBY GROUP LLC THE TERM LOAN DUE 06-19-2026
Fixed Income	4,200,000	4,279,926.00	CROWN AMERS LLC/CROWN AMERS CAP FIXED 4.75% 02-01-2026
Fixed Income	460,000	470,350.00	CROWN AMERS LLC/CROWN AMERS CAP 4.25% DUE 09-30-2026
Fixed Income	460,000	464,195.66	CROWN CASTLE INTL 2.25% DUE 01-15-2031
Fixed Income	900,000	976,617.59	CROWN CASTLE INTL 3.2% DUE 09-01-2024
Fixed Income	2,600,000	2,980,340.97	CROWN CASTLE INTL 4.45% DUE 02-15-2026
Fixed Income	375,000	434,851.41	CROWN CASTLE INTL CORP 4.3% 02-15-2029
Fixed Income	140,000	141,358.45	CROWN CASTLE INTL FIXED 3.25% DUE 01-15-2051
Fixed Income	295,000	201,337.50	CROWN FINANCE US INC INCREMENTAL TERM LOAN DUE 02-05-2027
Fixed Income	338,298	253,246.59	CROWN FINANCE US, INC. (AKA CINEWORLD GROUP PLC) TERM BANK LOAN 02-28-2025
Fixed Income	1,555,000	1,668,555.59	CSAIL 2016-C6 COML 3.0898% DUE 01-15-2049
Fixed Income	205,000	203,206.25	CSC HLDGS LLC 4.125% DUE 12-01-2030
Fixed Income	490,000	535,937.50	CSC HLDGS LLC 6.5% DUE 02-01-2029
Fixed Income	960,000	1,032,000.00	CSC HOLDINGS LLC SR NT 144A 10.875% DUE 10-15-2025/10-09-2015 BEO
Fixed Income	5,397,200	5,109,043.50	CSC HOLDINGS, LLC TERM LOAN B SENIOR SECURED 04-15-2027
Fixed Income	240,000	208,200.00	CSN RESOURCES SA 7.625% 04-17-2026
Fixed Income	800,000	694,000.00	CSN RESOURCES SA 7.625% GTD SNR 17/04/26USD
Fixed Income	240,000	327,241.30	CSX CORP 6% DUE 10-01-2036
Fixed Income	963,000	1,058,900.57	CTC BONDCO GMBH 5.25% 15/12/2025
Fixed Income	725,000	774,249.52	CUBE HEALTHCARE EUROPE BIDCO FACILITY B TERM LOAN 30/10/2026
Fixed Income	0	-	CUMULUS MEDIA NEW HOLDINGS INC INITIAL TERM LOAN DUE 03-31-2026 BEO
Fixed Income	600,284	563,966.76	CUSHMAN & WAKEFIELD U.S. BORROWER LLC REPLACEMENT TERM LOAN DUE 08-21-2025 BEO
Fixed Income	50,000	55,243.94	CVS HEALTH CORP 3.25% DUE 08-15-2029
Fixed Income	650,000	729,942.14	CVS HEALTH CORP 3.625% DUE 04-01-2027 REG
Fixed Income	620,000	714,305.88	CVS HEALTH CORP 3.75% DUE 04-01-2030
Fixed Income	400,000	449,537.85	CVS HEALTH CORP 3.875% DUE 07-20-2025
Fixed Income	1,500,000	1,696,413.33	CVS HEALTH CORP 4.1% DUE 03-25-2025
Fixed Income	360,000	424,954.53	CVS HEALTH CORP 4.125% DUE 04-01-2040 REG
Fixed Income	1,180,000	1,466,270.29	CVS HEALTH CORP 4.78% DUE 03-25-2038
Fixed Income	605,000	792,485.04	CVS HEALTH CORP 5.05% DUE 03-25-2048
Fixed Income	530,000	682,904.60	CVS HEALTH CORP 5.125% DUE 07-20-2045
Fixed Income	62,004	70,994.86	CVS HEALTH CORP 6.943% DUE 01-10-2030
Fixed Income	292,901	290,081.21	CWABS INC 2004-B2 AST BKD CTF CL M-3 VAR RATE 12-25-2033 REG
Fixed Income	200,000	216,578.07	CYRUSONE LP/CYRUSONE FIN CORP 1.45% 01-22-2027
Fixed Income	0	(4,757,699.43)	Czech koruna - Pending foreign exchange sales
Fixed Income	1,000,000	1,051,102.00	D R HORTON INC 2.6% DUE 10-15-2025
Fixed Income	70,000	69,867.70	DANA INC 5.375% DUE 11-15-2027
Fixed Income	125,000	124,087.50	DANA INC 5.625% DUE 06-15-2028
Fixed Income	4,482	4,482.04	Danish krone - Cash
Fixed Income	0	-	Danish krone - Recoverable taxes
Fixed Income	536,000	608,534.19	DARLING GLOBAL FIN 3.625% 15/05/2026
Fixed Income	685,000	681,712.00	DAVITA INC 4.625% DUE 06-01-2030
Fixed Income	200,000	200,500.00	DBS GROUP HLDGS 3.6%-FRN MTN PERP USD121000
Fixed Income	500,000	347,070.33	DCP MIDSTREAM LP FIXED 7.375% DUE 12-31-2040
Fixed Income	130,000	126,100.00	DCP MIDSTREAM OPER 3.875% DUE 03-15-2023
Fixed Income	1,270,000	1,016,000.00	DCP MIDSTREAM OPER 5.6% DUE 04-01-2044
Fixed Income	1,540,000	1,549,625.00	DCP MIDSTREAM OPER 5.625% DUE 07-15-2027
Fixed Income	959,514	914,733.63	DEALER TIRE, LLC TERM LOAN B1 12-12-2025
Fixed Income	350,000	339,500.00	DEERFIELD DAKOTA HOLD LLC FKA CORP AKA DUFF & PHELPS TLB 03-05-2027
Fixed Income	1,650,000	470,250.00	DEFAULT GRUPO POSADAS 0.0% 12-31-2040
Fixed Income	280,000	72,800.00	DEFAULT NOBLE HLDG INTL LTD 0.0% 12-31-2040
Fixed Income	3,257,329	-	DEFAULT PVTPL WILMING TR CO BOEING737-32AIRCRAFT 11.56 12-31-40 REG IN DEFAULT
Fixed Income	723,000	202,440.00	DEFAULTED LATAM FIN LTD FIXED 6.875% DUE 04-11-2024
Fixed Income	1,490,000	1,511,128.20	DEFAULTED PVTPL INTELSAT JACKSON HLDGS LTD 0% 12-31-2040
Fixed Income	300,000	288,000.00	DEFAULTED ALLIANCE 1 INTL 8.5% DUE 04-15-2021
Fixed Income	1,200,000	240,012.00	DEFAULTED AVIANCA HLDGS SA 9.0% 05-10-2023
Fixed Income	300,000	60,003.00	DEFAULTED AVIANCA HOLDINGS SA 0% 144A DUE 31/12/2040
Fixed Income	300,000	60,003.00	DEFAULTED AVIANCA HOLDINGS SA 0.0% 12-31-2040
Fixed Income	1,000	114.20	DEFAULTED CHESAPEAKE ENERGY 0.0% 12-31-2040
Fixed Income	100,000	10,141.00	DEFAULTED DIAMOND OFFSHORE DRILLING INC 0.0% 12-31-2040 BEO
Fixed Income	200,000	107,750.00	DEFAULTED ENJOY SA BNDS 10.5% 05-16-2022
Fixed Income	2,300,000	2,332,522.00	DEFAULTED FRONTIER COMMUNICATIONS 0.0% 12-31-2040
Fixed Income	50,000	2,750.00	DEFAULTED HI-CRUSH INC FORMERLY HI-CRUSH PARTNERS 0.0% DUE 12-31-2040
Fixed Income	400,000	108,000.00	DEFAULTED LATAM FINANCE LIMITED 7.0% 03-01-2026
Fixed Income	400,000	20,004.00	DEFAULTED ODEBRECHT FINANCE LTD 0.0% 12-31-2040
Fixed Income	1,299,000	298,770.00	DEFAULTED PVTPL AEROVIAS DE MEXICO S A DE C V 7.0% DUE 02-05-2025
Fixed Income	750,000	202,500.00	DEFAULTED PVTPL LATAM FIN LTD 7.0% 03-01-2026
Fixed Income	400,000	387,400.00	DELHI INTERNATIONAL AIPORT LIMITED 6.125% DUE 10-31-2026 BEO
Fixed Income	750,000	726,375.00	DELHI INTL ARPT 6.125% DUE 10-31-2026
Fixed Income	200,000	215,800.00	DELL INC 6.5% DUE 04-15-2038
Fixed Income	5,017,440	4,881,267.15	DELL INTERNATIONAL L L C TERM LOAN B 09-19-2025
Fixed Income	1,932,000	1,840,828.92	DELOS FINANCE S.A.R.L. NEW LOAN 10-06-2023
Fixed Income	585,000	555,387.30	DELTA 2 (LUX) SARL DUE 02-01-2024 BEO
Fixed Income	235,000	227,338.56	DELTA AIR LINES 3.75% DUE 01-15-2026
Fixed Income	85,000	76,243.98	DELTA AIR LINES INC DEL 2.5% 12-10-2029
Fixed Income	246,568	241,512.55	DELTA AIR LINES INC DEL PASS THRU TRS SER 2002-1 CL G-1 6.718 01-02-2023 BEO
Fixed Income	300,000	293,814.00	DELTA AIR LINES, INC. TERM LOAN DUE 04-27-2023 BEO
Fixed Income	1,000,000	890,000.00	DEPY TR & CLEARING FLTG RT 3.48038% DUE 12-29-2049
Fixed Income	200,000	165,040.00	DEUTSCHE BANK AG 6.0% DUE 12-31-2049
Fixed Income	1,200,000	1,252,597.86	DEUTSCHE BK AG N Y BRANCH 5.0% 02-14-2022
Fixed Income	4,750,000	4,873,558.24	DEUTSCHE BK AG N Y FIXED 4.25% DUE 10-14-2021
Fixed Income	800,000	797,032.64	DEUTSCHE BK AG N Y FIXED 5.882% DUE 07-08-2031
Fixed Income	1,100,000	1,153,984.93	DEUTSCHE BK AG N Y FLTG RT 3.961% DUE 11-26-2025
Fixed Income	1,412,679	1,294,960.79	DIAMOND (BC) B.V. TERM LOAN SENIOR SECURED FIRST LIEN DUE 07-25-2024 BEO
Fixed Income	159,000	170,142.91	DIAMOND (BC) BV 5.625% SNR 15/08/2025 EUR
Fixed Income	2,595,000	2,667,528.67	DIAMOND 1 FIN CORP 4.42% DUE 06-15-2021
Fixed Income	700,000	765,668.60	DIAMOND 1 FIN CORP 5.45% DUE 06-15-2023
Fixed Income	800,000	1,054,989.85	DIAMOND 1 FIN CORP 8.1% DUE 07-15-2036

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Fixed Income	989,873	866,139.23 DIAMOND RESORTS INTERNATIONAL INC TERM LOAN DUE 09-02-2023
Fixed Income	30,000	32,100.81 DIAMONDBACK ENERGY 4.75% DUE 05-31-2025
Fixed Income	300,000	311,286.00 DIFC SUKUK 4.325% 12/1/2024
Fixed Income	100,000	105,946.63 DIGITAL RLTY TR LP 3.95% DUE 07-01-2022
Fixed Income	811,915	904,693.64 DIOCLE S.P.A FRN GTD SNR SEC 06/2026 EUR
Fixed Income	800,000	838,534.58 DISCOVER BK NEW 2.45% DUE 09-12-2024
Fixed Income	700,000	784,389.77 DISCOVER FINL SVCS 4.5% DUE 01-30-2026
Fixed Income	850,000	871,845.00 DISCOVER FINL SVCS DEPY SHS REPSTG 1/100TH SH 6.125% 09-23-2025
Fixed Income	1,135,000	1,020,772.00 DISCOVER FINL SVCS FLTC RT 5.5% DUE 10-30-2049
Fixed Income	1,174,310	1,144,951.83 DISCOVERORG LLC TERM LOAN 01-29-2026
Fixed Income	300,000	344,430.04 DISCOVERY COMMUNICATIONS 1.9% 19/03/2027
Fixed Income	120,000	139,610.38 DISCOVERY COMMUNICATIONS LLC 5.2% 09-20-2024
Fixed Income	2,000,000	2,037,500.00 DISH DBS CORP 6.75% DUE 06-01-2021
Fixed Income	600,000	636,000.00 DISH DBS CORP 7.75% DUE 07-01-2026
Fixed Income	1,677,000	1,540,516.78 DISH NETWORK CORP NT CONV 3.375% 08-15-2026 REG
Fixed Income	580,000	646,085.83 DISNEY WALT CO 3.6% DUE 01-13-2051 REG
Fixed Income	200,000	334,562.83 DISNEY WALT CO SR NT 8.45% 08-01-2034
Fixed Income	75,000	81,695.25 DISTRICT COLUMBIA INCOME TAX REV 4.893% 12-01-2022 BEO TAXABLE
Fixed Income	528,000	592,064.89 DKT FINANCE APS 7% GTD SNR SEC 17/06/23 EUR
Fixed Income	200,000	167,752.00 DOCUFORMAS S A P I FIXED 10.25% DUE 07-24-2024
Fixed Income	1,000,000	1,246,368.26 DOLYA HOLDCO 17 4.875% SNR SEC 15/07/28 GBP
Fixed Income	600,000	633,729.26 DOMINION ENERGY GAS HLDS LLC FORMERLY 2.5% DUE 11-15-2024
Fixed Income	275,000	391,581.80 DOMINION RES INC 7% DUE 06-15-2038
Fixed Income	300,000	421,945.16 DOW CHEM CO 7.375% DUE 11-01-2029
Fixed Income	150,000	154,412.46 DOW CHEMICAL CO 1.125% 15/03/2032
Fixed Income	140,000	156,415.92 DOW CHEMICAL CO 4.375% DUE 11-15-2042
Fixed Income	525,000	691,521.92 DOWDUPONT INC 5.419% DUE 11-15-2048
Fixed Income	300,000	312,420.00 DP WORLD CRESCENT LTD 3.908% 31/05/2023
Fixed Income	500,000	493,375.00 DP WORLD PLC 4.7% 30/09/2049
Fixed Income	400,000	438,197.20 DP WORLD PLC 5.625% SNR MTN 25/09/48 USD
Fixed Income	3,250,000	3,628,974.97 DRYDEN EURO CLO SRS 16-46A 15/01/2030
Fixed Income	55,000	59,552.75 DTE ELEC CO FIXED 2.625% DUE 03-01-2031
Fixed Income	450,000	485,200.00 DTE ENERGY CO 3.5% DUE 06-01-2024
Fixed Income	300,000	177,810.00 DTEK FINANCE PLC 10.75% SNR 31/12/24 USD2000
Fixed Income	600,000	587,126.68 DTEK RENEWABLES FI 8.5% GTD 12/11/2024 EUR
Fixed Income	992,500	952,661.05 DUE 06-12-2026 BEO
Fixed Income	728,000	639,641.94 DUFRY ONE BV 2.0% 15/02/2027
Fixed Income	80,000	97,598.14 DUKE ENERGY CORP 4.2% DUE 06-15-2049
Fixed Income	65,000	65,422.00 DUKE ENERGY IND FIXED 2.75% DUE 04-01-2050
Fixed Income	2,015,000	2,550,205.30 DUKE ENERGY OHIO INC 4.3% DUE 02-01-2049REG
Fixed Income	2,695,000	2,747,652.24 DUPONT DE NEMOURS INC 2.169% DUE 05-01-2023 REG
Fixed Income	700,000	809,496.71 E TRADE FINL CORP 4.5% DUE 06-20-2028
Fixed Income	760,669	736,137.13 EASTN POWER LLC (EASTERN COVERT MIDCO LLC) (AKA TPF II LC LLC) TERM LN
Fixed Income	560,000	512,371.48 EASY TACTIC LTD 8.125% GTD SNR 27/02/23 USD
Fixed Income	265,000	368,207.89 EATON CORP 7.65% DUE 11-15-2029
Fixed Income	300,000	317,681.95 EBAY INC FIXED 2.7% DUE 03-11-2030
Fixed Income	900,000	963,000.00 ECOPETROL S A 5.875 DUE 09-18-2023
Fixed Income	400,000	458,440.00 ECOPETROL S A 6.875% DUE 04-29-2030 REG
Fixed Income	200,000	99,500.00 ECUADOR SOCIAL BD 0% SNR SEC 30/01/2035 USD
Fixed Income	50,000	20,575.00 ECUADOR(REP OF) 10.75% BDS 31/01/19 USD2000
Fixed Income	300,000	350,623.97 EDF 1% SNR EMTN 13/10/2026 EUR
Fixed Income	990,056	944,058.44 EDGEWATER GENERATION, L.L.C. TERM LOAN FLTG 12-13-2025
Fixed Income	1,179,553	1,104,852.33 EG AMERICA LLC TLB 02-07-2025 BEO
Fixed Income	585,000	608,069.43 EG GLOBAL FIN PLC 4.375% BDS 07/02/25 EUR1000
Fixed Income	0	0.01 Egyptian pound - Cash
Fixed Income	495,893	477,708.93 EIG INVESTORS CORP TERM LOAN DUE 02-09-2023 BEO
Fixed Income	600,000	612,066.00 EL PUERTO DE 3.95% DUE 10-02-2024
Fixed Income	200,000	199,002.00 EL PUERTO DE FIXED 3.875% DUE 10-06-2026
Fixed Income	900,000	856,503.00 ELANCO ANIMAL HEALTH INC TERM LOAN B DUE 02-04-2027
Fixed Income	470,000	467,062.50 ELDORADO RESORTS 6.25% DUE 07-01-2025
Fixed Income	109,631	38,370.85 ELETSON HLDS INC FIXED 9.625% DUE 01-15-2022
Fixed Income	200,000	200,100.00 EMBOTELLADORA 3.95% DUE 01-21-2050
Fixed Income	2,215,000	1,960,275.00 EMBRAER NETH FIN B 5.4% DUE 02-01-2027
Fixed Income	873,000	960,409.52 EMERALD BAY S.A. 0% NTS 19/10/2020 EUR1
Fixed Income	611,734	545,464.73 EMERALD EXPOSITIONS HOLDING, INC TERM LOAN SENIOR SECURED 05-17-2024
Fixed Income	1,200,000	1,237,620.00 EMIRATE ABU DHABI GLOBAL MEDIUM TERM NTS #TR 00004 2.125% 144A
Fixed Income	700,000	701,533.00 EMIRATES NBD BANK 6.125%-FRN PERP USD200000
Fixed Income	500,000	510,625.90 EMORY UNIV FIXED 1.566% DUE 09-01-2025
Fixed Income	500,000	534,216.20 EMPRESA NACIONAL 4.375% DUE 10-30-2024
Fixed Income	700,000	733,616.33 EMPRESA NACIONAL D 4.5% SNR 14/09/47 USD200000
Fixed Income	400,000	370,516.68 ENABLE MIDSTREAM 4.95% DUE 05-15-2028
Fixed Income	541,000	622,777.10 ENERGIZER GAMMA 4.625% 15/07/2026
Fixed Income	446,718	424,381.68 ENERGIZER HOLDINGS, INC TERM LOAN B 12-17-2025
Fixed Income	610,000	599,325.00 ENERGIQUATE TRUST 5.875% 05-03-2027
Fixed Income	110,000	109,257.85 ENERGY TRANSFER 3.75% DUE 05-15-2030
Fixed Income	3,370,000	3,619,024.40 ENERGY TRANSFER 4.95% DUE 06-15-2028
Fixed Income	345,000	378,032.96 ENERGY TRANSFER 5.25% DUE 04-15-2029
Fixed Income	600,000	611,459.51 ENERGY TRANSFER 5.8% DUE 06-15-2038
Fixed Income	50,000	53,005.61 ENERGY TRANSFER 6.25% DUE 04-15-2049
Fixed Income	80,000	94,092.08 ENERGY TRANSFER 7.5% DUE 07-01-2038
Fixed Income	400,000	422,555.03 ENERGY TRANSFER FIXED 4.25% DUE 03-15-2023
Fixed Income	700,000	721,435.10 ENERGY TRANSFER FIXED 6.125% DUE 12-15-2045
Fixed Income	110,000	104,473.99 ENERGY TRANSFER OPER L P 5.0% 05-15-2050
Fixed Income	600,000	513,000.00 ENERGY TRANSFER OPER L P CORP 7.125% 12-31-2049
Fixed Income	750,000	555,225.00 ENLINK MIDSTREAM 4.85% DUE 07-15-2026
Fixed Income	1,300,000	168,881.28 ENSCO JERSEY FIN LTD CONV 3.0% 01-31-2024
Fixed Income	200,000	212,510.55 ENTEL 4.75 DUE 08-01-2026
Fixed Income	1,130,000	1,428,040.34 ENERGY ARKANSAS LLC 4.2% 04-01-2049
Fixed Income	1,250,000	1,320,928.88 ENERGY CORP 2.8% DUE 06-15-2030 REG
Fixed Income	115,000	125,868.04 ENERGY LA LLC 3.78 DUE 04-01-2025
Fixed Income	80,000	85,756.75 ENERGY LA LLC 5% DUE 07-15-2044

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Fixed Income	300,000	314,446.06	ENTERGY MISS LLC FIXED 3.5% DUE 06-01-2051
Fixed Income	110,000	115,210.10	ENTERPRISE PRODS 3.7% DUE 01-31-2051
Fixed Income	600,000	762,807.55	ENTERPRISE PRODS 6.125% DUE 10-15-2039
Fixed Income	2,705,000	2,983,328.46	ENTERPRISE PRODS OPER LLC 4.25% 02-15-2048
Fixed Income	150,000	178,918.37	ENTERPRISE PRODS OPER LLC 4.8% 02-01-2049
Fixed Income	50,000	44,750.00	ENTERPRISE PRODS OPER LLC 5.375% 02-15-2078 REG
Fixed Income	2,967,189	1,936,090.74	ENVISION HEALTHCARE CORPORATION DUE 10-11-2025
Fixed Income	442,712	390,325.96	EPIC HEALTH SERVICES, INC. TERM LOAN DUE 03-13-2024 BEO
Fixed Income	846,023	827,080.80	EPICOR SOFTWARE CORP TERM LOAN DUE 05-12-2022 BEO
Fixed Income	200,000	174,445.62	EPR PPTYS 3.75% DUE 08-15-2029
Fixed Income	1,500,000	1,431,842.15	EPR PPTYS 4.75% DUE 12-15-2026
Fixed Income	265,000	251,031.85	EQM MIDSTREAM 4% DUE 08-01-2024
Fixed Income	530,000	485,941.10	EQM MIDSTREAM 4.125% DUE 12-01-2026
Fixed Income	805,000	810,417.65	EQM MIDSTREAM 4.75% DUE 07-15-2023
Fixed Income	300,000	298,956.00	EQT CORP 6.125% 02-01-2025 REG
Fixed Income	200,000	206,006.00	EQT CORP STEP CPN 7% DUE 02-01-2030
Fixed Income	1,100,000	1,047,750.00	EQT MIDSTREAM PARTNERS L P 5.5% 07-15-2028
Fixed Income	1,125,000	1,115,133.75	EQUINIX INC 2.15% DUE 07-15-2030
Fixed Income	600,000	581,046.00	EQUINIX INC 3.0% DUE 07-15-2050/06-22-2020 REG
Fixed Income	250,000	297,425.85	EQUINOR ASA 1.25% GTD SNR 17/02/27 EUR
Fixed Income	230,000	238,953.21	EQUINOR ASA 2.375% DUE 05-22-2030 REG
Fixed Income	1,389,500	1,314,425.32	ESH HOSPITALITY INC DUE 09-18-2026 BEO
Fixed Income	350,000	325,587.50	ESKOM HOLDINGS SOC LTD BNDS 7.125% 11/02/2025
Fixed Income	3,260,000	3,398,448.52	ESSENTIAL UTILS FIXED 3.351% DUE 04-15-2020
Fixed Income	6,133,532	6,133,531.66	Euro - Cash
Fixed Income	357,694	357,694.17	Euro - Cash Collateral Due to/from CCP Broker
Fixed Income	3,842,788	3,842,788.22	Euro - Cash Collateral Held at Broker
Fixed Income	0	73,533,759.32	Euro - Pending foreign exchange purchases
Fixed Income	0	(272,027,922.79)	Euro - Pending foreign exchange sales
Fixed Income	0	(1,424,129.11)	Euro - Pending trade purchases
Fixed Income	0	1,549,556.56	Euro - Pending trade sales
Fixed Income	0	-	Euro - Recoverable taxes
Fixed Income	20,898,458	20,898,457.85	Euro - Variation Margin
Fixed Income	3,000,000	3,168,607.74	EVERGY INC 2.45% DUE 09-15-2024
Fixed Income	300,000	319,500.00	EVRAZ GROUP S A 5.375% DUE 03-20-2023
Fixed Income	3,300,000	3,707,444.24	EXELON CORP 3.95% DUE 06-15-2025
Fixed Income	450,000	485,865.91	EXELON GENERATION FIXED 3.25% DUE 06-01-2025
Fixed Income	500,000	522,830.50	EXP CRED BK TURKEY 8.25% SNR MTN 24/01/24 USD
Fixed Income	900,000	839,110.46	EXPEDIA GROUP INC 3.25% DUE 02-15-2030
Fixed Income	300,000	308,351.29	EXPORT-IMPORT BK 3.375% DUE 08-05-2026
Fixed Income	925,000	1,038,051.24	EXXON MOBIL CORP 3.294% DUE 03-19-2027
Fixed Income	4,770,000	5,282,443.06	EXXON MOBIL CORP 3.452% DUE 04-15-2051 REG
Fixed Income	419,149	376,290.70	EYECARE PARTNERS LIMITED DUE 02-18-2027 BEO
Fixed Income	2,047	2,088.63	F.N.M.A REMIC TR SER 91 CL 66-J 8.125 GTD MTG PASS THRU CTF DUE 6-15-2021 REG
Fixed Income	1,979,492	1,935,396.83	FANNIE MAE CONN AVE SEC'S SER 18-C05 CL 1M2 FRN 01-25-2031
Fixed Income	100,000	111,666.16	FCE BANK 1.528% SNR 09/11/2020 EUR
Fixed Income	100,000	111,023.04	FCE BANK 1.66% SNR EMTN 11/02/21 EUR
Fixed Income	288,000	312,388.46	FCE BANK PLC MTN 1.134% 10/02/2022
Fixed Income	18,030,000	18,024,670.15	FED AGRIC MTG CORP MEDIUM TERM NTS TRANCHE # TR 00594 .19338% 12-22-2021
Fixed Income	9,590,000	9,598,494.92	FEDERAL FARM CR BKS CONS SYSTEMWIDE BDS FLTG 01-25-2021
Fixed Income	38,905,000	38,875,715.43	FEDERAL HOME LN BKS CONS BD DTD FLTG RATE DUE 09-13-2021
Fixed Income	21,050,000	21,042,122.67	FEDERAL HOME LN BKS FLTG 08-24-2021
Fixed Income	9,520,000	9,518,394.17	FEDERAL HOME LN BKS FLTG RATE 12-18-2020 REG
Fixed Income	26,475,000	26,536,727.26	FEDERAL HOME LN BKS FLTG RT 10-28-2021
Fixed Income	1,185,000	1,209,008.59	FEDERAL HOME LN BKS TRANCHE 1.625% 12-20-2021
Fixed Income	7,348,402	7,724,730.34	FEDERAL HOME LN MTG CORP POOL #SD8017 3.5% DUE 10-01-2049
Fixed Income	383,651	403,889.16	FEDERAL HOME LN MTG CORP #QN0262 3.0% 07-01-2034
Fixed Income	231,675	243,494.21	FEDERAL HOME LN MTG CORP FHLMC POOL #SD8011 3.5% DUE 09-01-2049
Fixed Income	63,403	67,909.94	FEDERAL HOME LN MTG CORP GOLD POOL #Q46032 4% 02-01-2047
Fixed Income	50,038	57,288.94	FEDERAL HOME LN MTG CORP POOL #A77079 5.5% 05-01-2038 BEO
Fixed Income	19,972	22,395.91	FEDERAL HOME LN MTG CORP POOL #A89879 5.5% 11-01-2039 BEO
Fixed Income	74,482	85,609.75	FEDERAL HOME LN MTG CORP POOL #A90319 5% 12-01-2039 BEO
Fixed Income	326,415	356,576.21	FEDERAL HOME LN MTG CORP POOL #C03926 3.5% 05-01-2042 BEO
Fixed Income	20,581	22,163.35	FEDERAL HOME LN MTG CORP POOL #C91261 4.5% 08-01-2029 BEO
Fixed Income	1,173,216	1,236,765.22	FEDERAL HOME LN MTG CORP POOL #C91981 3% 02-01-2038 BEO
Fixed Income	309,678	328,918.51	FEDERAL HOME LN MTG CORP POOL #E04124 2.5% 12-01-2027 BEO
Fixed Income	3,149	3,617.63	FEDERAL HOME LN MTG CORP POOL #G03432 5.5% 11-01-2037 BEO
Fixed Income	7,201	8,409.41	FEDERAL HOME LN MTG CORP POOL #G04346 6% 05-01-2038 BEO
Fixed Income	15,334	17,050.26	FEDERAL HOME LN MTG CORP POOL #G05535 4.5% 07-01-2039 BEO
Fixed Income	46,130	51,436.56	FEDERAL HOME LN MTG CORP POOL #G05562 4.5% 07-01-2039 BEO
Fixed Income	42,225	48,102.75	FEDERAL HOME LN MTG CORP POOL #G06941 5% 08-01-2041 BEO
Fixed Income	34,270	37,632.42	FEDERAL HOME LN MTG CORP POOL #G06975 4% 04-01-2042 BEO
Fixed Income	1,546,767	1,699,267.09	FEDERAL HOME LN MTG CORP POOL #G07560 4% 11-01-2043 BEO
Fixed Income	641,107	682,121.57	FEDERAL HOME LN MTG CORP POOL #G08631 3% 03-01-2045 BEO
Fixed Income	1,965,988	2,102,496.82	FEDERAL HOME LN MTG CORP POOL #G08687 3.5% 01-01-2046 BEO
Fixed Income	2,392,095	2,553,646.47	FEDERAL HOME LN MTG CORP POOL #G08711 3.5% 06-01-2046 BEO
Fixed Income	2,701,072	2,858,895.45	FEDERAL HOME LN MTG CORP POOL #G08715 3% 08-01-2046 BEO
Fixed Income	1,469,750	1,556,429.74	FEDERAL HOME LN MTG CORP POOL #G08726 3% 10-01-2046 BEO
Fixed Income	4,167,562	4,412,078.57	FEDERAL HOME LN MTG CORP POOL #G0-8732 3% 11-01-2046 BEO
Fixed Income	2,067,316	2,185,140.77	FEDERAL HOME LN MTG CORP POOL #G0-8741 3% 01-01-2047 BEO
Fixed Income	1,722,862	1,822,414.65	FEDERAL HOME LN MTG CORP POOL #G08747 3% 02-01-2047 BEO
Fixed Income	50,025	53,735.59	FEDERAL HOME LN MTG CORP POOL #G0-8772 4.5% 07-01-2047 BEO
Fixed Income	4,168,771	4,395,601.10	FEDERAL HOME LN MTG CORP POOL #G08784 3.5% 10-01-2047 BEO
Fixed Income	49,745	53,466.81	FEDERAL HOME LN MTG CORP POOL #G08818 4.5% 06-01-2048 BEO
Fixed Income	23	23.81	FEDERAL HOME LN MTG CORP POOL #G11720 4.5% 08-01-2020 BEO
Fixed Income	2,308	2,406.92	FEDERAL HOME LN MTG CORP POOL #G13145 5.5% 04-01-2023 BEO
Fixed Income	7,225	7,595.99	FEDERAL HOME LN MTG CORP POOL #G14552 5% 06-01-2026 BEO
Fixed Income	3,870,394	4,092,165.74	FEDERAL HOME LN MTG CORP POOL #G15519 6% 11-01-2023 BEO
Fixed Income	625,217	664,843.27	FEDERAL HOME LN MTG CORP POOL #G15897 2.5% 09-01-2031 BEO
Fixed Income	1,765,423	1,857,800.80	FEDERAL HOME LN MTG CORP POOL #G16584 3.5% 08-01-2033 BEO
Fixed Income	1,350,105	1,433,195.29	FEDERAL HOME LN MTG CORP POOL #G16598 2.5% 12-01-2031 BEO

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Fixed Income	1,314,430	1,391,548.32 FEDERAL HOME LN MTG CORP POOL #G16756 3.5% 01-01-2034 BEO
Fixed Income	306,880	327,091.35 FEDERAL HOME LN MTG CORP POOL #G30615 3%12-01-2032 BEO
Fixed Income	33,969	38,944.35 FEDERAL HOME LN MTG CORP POOL #G60122 5%11-01-2041 BEO
Fixed Income	1,568,515	1,730,806.92 FEDERAL HOME LN MTG CORP POOL #G60138 3.5% 08-01-2045 BEO
Fixed Income	35,264	39,189.49 FEDERAL HOME LN MTG CORP POOL #G60384 4.5% 12-01-2045 BEO
Fixed Income	933,786	1,021,134.08 FEDERAL HOME LN MTG CORP POOL #G60446 3.5% 03-01-2046 BEO
Fixed Income	44,131	48,464.96 FEDERAL HOME LN MTG CORP POOL #G60483 4%10-01-2044 BEO
Fixed Income	38,072	43,691.63 FEDERAL HOME LN MTG CORP POOL #G60564 5%02-01-2042 BEO
Fixed Income	564,826	621,141.92 FEDERAL HOME LN MTG CORP POOL #G60596 4%12-01-2043 BEO
Fixed Income	45,580	49,276.89 FEDERAL HOME LN MTG CORP POOL #G60921 4.5% 02-01-2047 BEO
Fixed Income	12,102	12,712.97 FEDERAL HOME LN MTG CORP POOL #J13606 3.5% 11-01-2025 BEO
Fixed Income	32,504	34,371.89 FEDERAL HOME LN MTG CORP POOL #J14450 4%02-01-2026 BEO
Fixed Income	235,034	247,357.90 FEDERAL HOME LN MTG CORP POOL #J37339 3%07-01-2032 BEO
Fixed Income	634,562	697,124.08 FEDERAL HOME LN MTG CORP POOL #Q28777 4%11-01-2043 BEO
Fixed Income	576,100	625,939.66 FEDERAL HOME LN MTG CORP POOL #Q29697 3.5% 11-01-2044 BEO
Fixed Income	1,439,630	1,572,798.79 FEDERAL HOME LN MTG CORP POOL #Q29864 3.5% 11-01-2044 BEO
Fixed Income	192,752	204,976.75 FEDERAL HOME LN MTG CORP POOL #Q51334 4%10-01-2047 BEO
Fixed Income	179,278	190,396.77 FEDERAL HOME LN MTG CORP POOL #Q54419 4%02-01-2048 BEO
Fixed Income	668,313	718,327.40 FEDERAL HOME LN MTG CORP POOL #Q56007 4%05-01-2048 BEO
Fixed Income	23,689,894	25,050,977.60 FEDERAL HOME LN MTG CORP POOL #SB0276 4.0% DUE 12-01-2034 REG
Fixed Income	2,364,959	2,477,729.21 FEDERAL HOME LN MTG CORP POOL #SB8008 2.5% DUE 08-01-2034
Fixed Income	492,901	516,404.39 FEDERAL HOME LN MTG CORP POOL #SB-8031 2.5% 02-01-2035 REG
Fixed Income	953,219	1,003,291.21 FEDERAL HOME LN MTG CORP POOL #SB8036 3.0% 02-01-2035 REG
Fixed Income	14,234,115	15,451,012.47 FEDERAL HOME LN MTG CORP POOL #ZA2526 4.5% 08-01-2038 BEO
Fixed Income	20,235,814	21,917,166.18 FEDERAL HOME LN MTG CORP POOL #ZA6152 4.5% 01-01-2039 BEO
Fixed Income	8,228,671	8,717,760.32 FEDERAL HOME LN MTG CORP POOL #ZS4646 3%01-01-2046 BEO
Fixed Income	286,390	288,250.98 FEDERAL HOME LN MTG CORP SER 004638 CL FA FLTG 07-15-2040
Fixed Income	295,000	338,420.22 FEDERAL HOME LN MTG CORP SER K068 CLS A 3.244% DUE 08-25-2027
Fixed Income	21,147	21,345.80 FEDERAL HOME LN MTG CORP SER 17-SC02 CL 2A1 3.5% DUE 05-25-2047
Fixed Income	272,778	299,504.25 FEDERAL HOME LOAN MORTGAGE CORP POOL #Q48947 4.5% 06-01-2047 BEO
Fixed Income	82,280	91,560.09 FEDERAL NATL MTG ASSN GTD MTG POOL #AI1007 4.5% 05-01-2041 BEO
Fixed Income	23,653	27,185.88 FEDERAL NATL MTG ASSN GTD MTG POOL #AI4261 5% 06-01-2041 BEO
Fixed Income	193,530	212,592.74 FEDERAL NATL MTG ASSN GTD MTG POOL #AJ0036 4% 10-01-2041 BEO
Fixed Income	35,564	40,509.85 FEDERAL NATL MTG ASSN GTD MTG POOL #AJ1177 5% 09-01-2041 BEO
Fixed Income	196,323	215,518.86 FEDERAL NATL MTG ASSN GTD MTG POOL #AL1697 4% 10-01-2041 BEO
Fixed Income	330,752	368,113.62 FEDERAL NATL MTG ASSN GTD MTG POOL #AL3484 4.5% 10-01-2042 BEO
Fixed Income	53,445	59,459.06 FEDERAL NATL MTG ASSN GTD MTG POOL #AL5097 4.5% 09-01-2043 BEO
Fixed Income	274,445	291,663.36 FEDERAL NATL MTG ASSN GTD MTG POOL #AL5166 3% 11-01-2033 BEO
Fixed Income	276,466	287,656.13 FEDERAL NATL MTG ASSN GTD MTG POOL #AL5711 3% 09-01-2029 BEO
Fixed Income	41,870	46,203.57 FEDERAL NATL MTG ASSN GTD MTG POOL #AL5998 4.5% 10-01-2044 BEO
Fixed Income	49,025	56,240.59 FEDERAL NATL MTG ASSN GTD MTG POOL #AL6157 5% 12-01-2041 BEO
Fixed Income	62,960	72,228.75 FEDERAL NATL MTG ASSN GTD MTG POOL #AL6848 5% 06-01-2044 BEO
Fixed Income	54,334	62,061.37 FEDERAL NATL MTG ASSN GTD MTG POOL #AL7521 5% 06-01-2039 BEO
Fixed Income	4,894	4,894.44 FHA 221-D4 PROJ REILLY 5 P12-01 7.43 BD DUE 2-1-22 REG
Fixed Income	14,195,000	14,188,306.92 FHFBELD HOME LN BKS FRN 08-04-2021
Fixed Income	6,100,000	6,137,330.54 FHBL TRANCHE 00481 2.625% 10-01-2020
Fixed Income	9,800,000	9,797,435.54 FHBL VAR RT 01-04-2021
Fixed Income	2,017,000	2,120,416.69 FHLMC 3.5% MBS 01/11/2049 USD'SD-8025' POOL #SD8025 3.5 11-01-2049
Fixed Income	652,000	1,026,177.56 FHLMC DTD 10/25/2000 6.75 03-15-2031
Fixed Income	3,186,178	3,482,325.42 FHLMC G67706 3.5% DUE 12-01-2047
Fixed Income	4,286,408	4,672,089.89 FHLMC GOLD #G07020 5.0% 11-01-2036
Fixed Income	25,625	29,401.22 FHLMC GOLD #G07020 5.0% 11-01-2036
Fixed Income	67,590	72,728.26 FHLMC GOLD 3.5% MBS 01/12/2044 USD'Q3-4511' Q34511 3.5 12-01-2044
Fixed Income	18,218	19,704.52 FHLMC GOLD FGQ36494 4 09-01-2045
Fixed Income	59,389	68,139.66 FHLMC GOLD G02560 5 12-01-2035
Fixed Income	361,581	421,008.03 FHLMC GOLD G02955 5.5 03-01-2037
Fixed Income	553,118	586,060.80 FHLMC GOLD G08721 3 09-01-2046
Fixed Income	4,238	4,457.05 FHLMC GOLD G13647 6 01-01-2024
Fixed Income	51,736	53,998.95 FHLMC GOLD G15327 6 09-01-2024
Fixed Income	3,429	3,451.32 FHLMC GOLD G30203 7 07-01-2021
Fixed Income	1,770,416	1,957,837.29 FHLMC GOLD G67702 4 01-01-2047
Fixed Income	4,406,754	4,815,195.56 FHLMC GOLD G67709 3.5% DUE 03-01-2048
Fixed Income	9,168	9,952.31 FHLMC GOLD GROUP C32238 7.5 10-01-2029
Fixed Income	7,758	8,152.81 FHLMC GOLD J1-7680 3 02-01-2022
Fixed Income	2,259,876	2,497,447.64 FHLMC GOLD POOL #FG G67711 4.0% 03-01-2048
Fixed Income	2,736,032	2,975,781.51 FHLMC GOLD POOL G67713 4.0% DUE 06-01-2048
Fixed Income	235,566	252,528.87 FHLMC GOLD POOL Q45222 3.5% 01-01-2045
Fixed Income	967,271	1,024,907.30 FHLMC GOLD Q42019 3 07-01-2046
Fixed Income	52,242	55,728.55 FHLMC GOLD Q46801 4.0% 03-01-2047
Fixed Income	90,585	96,508.68 FHLMC GOLD Q48094 4 05-01-2047
Fixed Income	900,630	953,453.33 FHLMC GOLD Q50962 3.5% 09-01-2047
Fixed Income	821,000	1,290,643.72 FHLMC MTN 6.25 07-15-2032
Fixed Income	87,290	90,693.62 FHLMC MULTICLASS FREDDIE MAC FWLS 2016-SC02 2A MT 3.5 10-25-2046
Fixed Income	50,090	50,516.96 FHLMC MULTICLASS PREASSIGN 00774 02-25-2045
Fixed Income	5,092	5,749.27 FHLMC MULTICLASS SER 2064 CL ZA 6.5 05-15-2028
Fixed Income	77,117	78,655.12 FHLMC MULTICLASS SER 2362 CL Z 6.5 09-15-2021
Fixed Income	10,922	12,815.66 FHLMC MULTICLASS SER 2455 CL GK 6.5 05-15-2032
Fixed Income	11,032	11,476.22 FHLMC MULTICLASS SER 3784 CL PD 4 DUE 01-15-2026 REG
Fixed Income	1,490,144	211,846.41 FHLMC MULTICLASS SER 4459 CL IB 4.0% DUE08-15-2043
Fixed Income	103,185	103,413.14 FHLMC MULTICLASS TRANCHE 00868 09-25-2022
Fixed Income	2,385,242	2,513,862.47 FHLMC POOL # QA1790 3.0% 08-01-2049 REG
Fixed Income	3,738,578	3,948,285.62 FHLMC POOL #3.5 3.5% DUE 12-01-2049 REG
Fixed Income	2,431,256	2,742,586.08 FHLMC POOL #A95820 4.0% 12-01-2040
Fixed Income	2,192,624	2,311,479.52 FHLMC POOL #G08795 3 01-01-2048
Fixed Income	10,056,779	11,024,236.62 FHLMC POOL #G30891 5 09-01-2031
Fixed Income	2,590,147	2,730,211.86 FHLMC POOL #QA1997 3.0% 08-01-2049
Fixed Income	2,239,771	2,354,589.57 FHLMC POOL #QA5533 3.5% DUE 12-01-2049 REG
Fixed Income	754,156	786,491.67 FHLMC POOL #QA8958 2.5% DUE 04-01-2050 REG
Fixed Income	1,014,658	1,067,784.36 FHLMC POOL #QN1206 3.0% DUE 12-01-2034
Fixed Income	5,295,000	5,524,741.31 FHLMC POOL #RA-2895 2.5% 06-01-2050
Fixed Income	4,491,667	4,733,873.23 FHLMC POOL #RB5015 3.0% 09-01-2039

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Fixed Income	6,342,314	6,894,075.36	FHLMC POOL #ZA6404 4.5 03-01-2039
Fixed Income	3,896,385	4,229,038.61	FHLMC POOL #ZA6861 4.5% DUE 04-01-2039
Fixed Income	368,009	388,641.92	FHLMC POOL QA0744 3.5% 01-01-2049
Fixed Income	5,350,000	5,582,126.82	FHLMC UMBS 30Y FIXED 2.5% 07-01-2050
Fixed Income	1,881,672	1,961,832.26	FHLMC UMBS 30Y FIXED POOL #QB0098 2.5% DUE 06-01-2050 REG
Fixed Income	7,105,000	8,547,988.05	FIDELITY NATL INF 2% SNR 21/05/30 EUR1000'SEC
Fixed Income	300,000	334,341.81	FIDELITY NATL INFORMATION SVCS INC .625% DUE 12-03-2025
Fixed Income	250,000	405,527.85	FIFTH 3RD BANCORP 8.25% DUE 03-01-2038
Fixed Income	955,000	830,850.00	FIFTH 3RD BANCORP FLTG RT 5.1% DUE 12-31-2049
Fixed Income	693,488	658,813.77	FILTRATION GROUP CORPORATION TERM LOAN 03-29-2025
Fixed Income	994,950	1,093,351.22	FINANCIAL & RISK US HOLDINGS INC TERM LOAN SEN SEC 01-10-2025
Fixed Income	170,000	170,934.00	FIRSTENERGY CORP FIXED 2.25% DUE 09-01-2030
Fixed Income	2,215,000	2,361,887.61	FISERV INC 2.75% DUE 07-01-2024
Fixed Income	600,000	730,250.18	FISERV INC 4.4% DUE 07-01-2049
Fixed Income	908,502	866,156.67	FLEX ACQUISITION CO INC (AKA NOVOLEX) TLSR SECD 1ST LIEN DUE 12-29-2023 BEO
Fixed Income	830,751	805,437.67	FLEXERA SOFTWARE LLC (FKA FLEXERA SOFTWARE, INC.) TERM BANK LOAN 02-26-2025
Fixed Income	1,100,000	1,227,194.04	FLEXTRONICS INTL LTD 4.75% DUE 06-15-2025
Fixed Income	4,143,892	4,361,347.66	FNMA POOL #QN-1186 3.0% 12-01-2034
Fixed Income	6,041,006	6,355,545.91	FNMA #B02200 3.5% 09-01-2049
Fixed Income	3,803	4,404.27	FNMA 2009-W1 CL-A 5.99831008911 12-25-2049
Fixed Income	407,000	645,535.35	FNMA 7.25 05-15-2030
Fixed Income	5,453,085	5,771,112.30	FNMA CA0109 3.5% 08-01-2047
Fixed Income	1,089,000	1,687,755.20	FNMA DTD 11/03/2000 6.625 11-15-2030
Fixed Income	8,000,000	8,718,232.32	FNMA FANNIE MAE 2.125 04-24-2026
Fixed Income	390,000	628,856.68	FNMA NT 5.625 07-15-2037
Fixed Income	896,261	943,336.75	FNMA POOL FN BO0329 3.5% 05-01-2049
Fixed Income	2,962,906	3,137,712.17	FNMA POOL # QA-4404 3 % 11-01-2049
Fixed Income	3,357	3,733.79	FNMA POOL #254232 6.5% 03-01-2022 BEO
Fixed Income	1,050,751	1,166,642.96	FNMA POOL #257075 5.5% DUE 02-01-2028 REG
Fixed Income	677,695	746,670.36	FNMA POOL #257239 5.5% 06-01-2028 BEO
Fixed Income	4,639	5,068.25	FNMA POOL #258349 5% 03-01-2025 BEO
Fixed Income	10,930	12,477.50	FNMA POOL #555851 6.5% DUE 01-01-2033 BEO
Fixed Income	30,253	34,717.45	FNMA POOL #724959 5% 07-01-2033 BEO
Fixed Income	238	238.52	FNMA POOL #725384 7% DUE 02-01-2021 REG
Fixed Income	9,345	10,706.18	FNMA POOL #725610 5.5% 07-01-2034 BEO
Fixed Income	32,717	37,584.80	FNMA POOL #735897 5.5% 10-01-2035 BEO
Fixed Income	12,349	13,482.46	FNMA POOL #835751 4.5% 08-01-2035 BEO
Fixed Income	52,696	57,704.60	FNMA POOL #835760 4.5% 09-01-2035 BEO
Fixed Income	6,901	7,921.50	FNMA POOL #888352 5.5% 05-01-2037 BEO
Fixed Income	7,500	8,605.93	FNMA POOL #888824 5.5 08-01-2037 BEO
Fixed Income	8,223	9,591.55	FNMA POOL #889060 6% 01-01-2038 BEO
Fixed Income	20,187	23,154.95	FNMA POOL #889117 5% 10-01-2035 BEO
Fixed Income	38,090	39,519.39	FNMA POOL #889390 6% 03-01-2023 BEO
Fixed Income	63,382	72,779.62	FNMA POOL #889610 5.5% DUE 06-01-2038 REG
Fixed Income	485,806	510,454.57	FNMA POOL #890637 5% 03-01-2027 BEO
Fixed Income	10,756	11,974.50	FNMA POOL #914979 6% DUE 04-01-2037 REG
Fixed Income	1,918	2,180.92	FNMA POOL #960150 6% 11-01-2037 BEO
Fixed Income	9,677	11,082.52	FNMA POOL #962122 5.5% 03-01-2038 BEO
Fixed Income	1,588	1,732.18	FNMA POOL #974124 5% 02-01-2038 BEO
Fixed Income	211,941	243,652.03	FNMA POOL #995088 5.5% 04-01-2037 BEO
Fixed Income	9,603	11,040.46	FNMA POOL #995362 5.5% 07-01-2038 BEO
Fixed Income	7,894	9,045.69	FNMA POOL #AA6898 6% 07-01-2039 BEO
Fixed Income	12,421	13,129.00	FNMA POOL #AA6946 4 DUE 04-01-2024 BEO
Fixed Income	12,885	15,226.78	FNMA POOL #AA8729 6% 06-01-2039 BEO
Fixed Income	38,833	44,630.66	FNMA POOL #AB1146 5% 06-01-2040 BEO
Fixed Income	22,567	24,631.51	FNMA POOL #AB2795 4.5% 04-01-2031 BEO
Fixed Income	10,976	11,878.20	FNMA POOL #AB5511 3.5% DUE 07-01-2042 BEO
Fixed Income	11,159	12,073.90	FNMA POOL #AB6317 3.5% 09-01-2042 BEO
Fixed Income	7,464	7,959.57	FNMA POOL #AC0543 4.5% 09-01-2024 BEO
Fixed Income	25,491	27,578.36	FNMA POOL #AC8278 4 DUE 08-01-2039 BEO
Fixed Income	88,739	101,973.56	FNMA POOL #AD7784 5% 07-01-2040 BEO
Fixed Income	39,374	44,983.38	FNMA POOL #AL8427 5% DUE 01-01-2044 REG
Fixed Income	70,732	74,481.20	FNMA POOL #AO2805 3% 06-01-2027 BEO
Fixed Income	38,503	41,701.69	FNMA POOL #AO3890 4 06-01-2042 BEO
Fixed Income	2,855	3,005.97	FNMA POOL #AO9198 4.5% 12-01-2023 BEO
Fixed Income	191,598	210,473.96	FNMA POOL #AP2424 4% 08-01-2042 BEO
Fixed Income	341,278	376,738.25	FNMA POOL #AS0560 4.5% 09-01-2043 BEO
Fixed Income	249,110	273,592.23	FNMA POOL #AS0795 4% 10-01-2043 BEO
Fixed Income	800,958	870,634.98	FNMA POOL #AS3365 3.5% 07-01-2045 BEO
Fixed Income	22,335	24,009.34	FNMA POOL #AS5713 3.5% 09-01-2045 BEO
Fixed Income	21,668	23,538.12	FNMA POOL #AS6015 4% 09-01-2045 BEO
Fixed Income	50,112	54,098.78	FNMA POOL #AS6074 4% 10-01-2045 BEO
Fixed Income	1,377,975	1,480,419.41	FNMA POOL #AS6625 4% 02-01-2046 BEO
Fixed Income	44,719	47,968.54	FNMA POOL #AS7492 4% 07-01-2046 BEO
Fixed Income	5,312,477	5,622,679.47	FNMA POOL #AS8074 3% 10-01-2046 BEO
Fixed Income	385,203	414,022.11	FNMA POOL #AT2016 3 DUE 04-01-2043 REG
Fixed Income	559,570	604,392.20	FNMA POOL #AT2032 3.5 DUE 04-01-2043 REG
Fixed Income	197,305	215,767.05	FNMA POOL #AT9147 3.5% 07-01-2043 BEO
Fixed Income	98,477	106,556.36	FNMA POOL #AU3763 3.5% DUE 08-01-2043 REG
Fixed Income	22,806	25,383.54	FNMA POOL #AU4376 4.5% 10-01-2043 BEO
Fixed Income	475,933	526,485.98	FNMA POOL #AU8537 4% 10-01-2043 BEO
Fixed Income	26,957	28,972.30	FNMA POOL #AX0901 3.5% 10-01-2044 BEO
Fixed Income	30,692	32,935.05	FNMA POOL #AY4490 3.5% 02-01-2045 BEO
Fixed Income	176,208	188,506.26	FNMA POOL #AY9087 3.5% 05-01-2035 BEO
Fixed Income	258,105	271,895.86	FNMA POOL #AZ2175 3% 08-01-2030 BEO
Fixed Income	187,115	200,397.63	FNMA POOL #AZ4312 3.5% 02-01-2046 BEO
Fixed Income	17,909	19,041.25	FNMA POOL #AZ9254 3.5% 11-01-2045 BEO
Fixed Income	17,506	18,957.34	FNMA POOL #BA2263 4% 01-01-2046 BEO
Fixed Income	117,625	125,137.94	FNMA POOL #BA2867 3.5% 06-01-2046 BEO
Fixed Income	88,217	93,866.98	FNMA POOL #BC0823 3.5% 04-01-2046 BEO
Fixed Income	595,129	630,603.70	FNMA POOL #BC9468 3% 06-01-2046 BEO

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Fixed Income	169,917	180,249.47	FNMA POOL #BD1191 3.5% 01-01-2047 BEO
Fixed Income	97,957	107,087.29	FNMA POOL #BD3670 3.5% 07-01-2046 BEO
Fixed Income	32,456	34,448.76	FNMA POOL #BD5426 3.5% 11-01-2046 BEO
Fixed Income	190,112	201,960.06	FNMA POOL #BD8705 3.5% 12-01-2046 BEO
Fixed Income	853,763	896,105.94	FNMA POOL #BE0522 2.5% 11-01-2031 BEO
Fixed Income	451,374	481,654.51	FNMA POOL #BE3702 4% 06-01-2047 BEO
Fixed Income	72,847	77,806.93	FNMA POOL #BE6641 4% 06-01-2047 BEO
Fixed Income	398,600	442,191.69	FNMA POOL #BE7196 4.5% 03-01-2047 BEO
Fixed Income	49,599	53,652.69	FNMA POOL #BE7845 4.5% 02-01-2047 BEO
Fixed Income	2,618,368	2,793,151.76	FNMA POOL #BE9314 4% 03-01-2047 BEO
Fixed Income	117,423	124,021.09	FNMA POOL #BE9326 3.5% 02-01-2047 BEO
Fixed Income	67,322	72,022.94	FNMA POOL #BH7924 4% 08-01-2047 BEO
Fixed Income	272,980	290,752.93	FNMA POOL #BJ2013 4% 11-01-2047 BEO
Fixed Income	227,758	242,078.32	FNMA POOL #BJ4526 4% 01-01-2048 BEO
Fixed Income	306,939	324,670.55	FNMA POOL #BJ8878 3.5% 03-01-2048 BEO
Fixed Income	239,078	258,243.68	FNMA POOL #BK0277 4.5% 09-01-2048 BEO
Fixed Income	2,965,704	3,146,129.73	FNMA POOL #BK5254 4% 05-01-2048 BEO
Fixed Income	48,930	53,474.61	FNMA POOL #BK8101 5% 07-01-2048 BEO
Fixed Income	629,623	667,464.24	FNMA POOL #BK8718 4% 08-01-2048 BEO
Fixed Income	390,383	415,622.66	FNMA POOL #BK8825 4% 08-01-2033 BEO
Fixed Income	729,326	817,566.61	FNMA POOL #BM1909 4% 02-01-2045 BEO
Fixed Income	3,536,786	3,727,501.98	FNMA POOL #BM5024 3% 11-01-2048 BEO
Fixed Income	5,372,626	5,766,642.87	FNMA POOL #BN0340 4.5% DUE 12-01-2048
Fixed Income	139,544	147,885.13	FNMA POOL #BN0398 4% DUE 09-01-2048 REG
Fixed Income	170,280	180,405.99	FNMA POOL #BN2846 4.0% DUE 12-01-2048 REG
Fixed Income	6,741,878	7,145,495.24	FNMA POOL #BO0393 4% DUE 06-01-2049 REG
Fixed Income	6,699,531	7,044,333.12	FNMA POOL #BO2110 3.5% DUE 08-01-2049 REG
Fixed Income	329,076	353,750.50	FNMA POOL #CA2055 4.5% 07-01-2048
Fixed Income	9,902,121	10,436,341.72	FNMA POOL #CA4128 3% DUE 09-01-2049 REG
Fixed Income	8,319,897	8,768,534.43	FNMA POOL #CA4427 3% DUE 10-01-2049 REG
Fixed Income	19,097,578	20,748,639.64	FNMA POOL #FM1043 4.5% 06-01-2039 BEO
Fixed Income	3,485,363	3,676,197.58	FNMA POOL #FM1148 3.5% 12-01-2048 BEO
Fixed Income	3,923,629	4,158,530.21	FNMA POOL #FM1219 4% 07-01-2049 BEO
Fixed Income	6,962,920	7,446,070.23	FNMA POOL #FM1381 4.5% 08-01-2034 BEO
Fixed Income	990,668	1,037,906.56	FNMA POOL #FM3296 2.5% 05-01-2035 BEO
Fixed Income	9,354	9,823.45	FNMA POOL #MA0876 3.5 10-01-2021 BEO
Fixed Income	431,844	462,062.49	FNMA POOL #MA1029 3.5% 04-01-2032 BEO
Fixed Income	467,934	509,645.40	FNMA POOL #MA1169 4% 09-01-2042 BEO
Fixed Income	116,793	123,420.83	FNMA POOL #MA1200 3% 10-01-2032 BEO
Fixed Income	58,057	62,690.81	FNMA POOL #MA1283 3.5% 12-01-2042 BEO
Fixed Income	310,605	331,852.66	FNMA POOL #MA1417 3% 04-01-2043 BEO
Fixed Income	4,071,716	4,305,574.60	FNMA POOL #MA2670 3% 07-01-2046 BEO
Fixed Income	907,976	961,094.14	FNMA POOL #MA2737 3% DUE 09-01-2046 BEO
Fixed Income	2,712,270	2,891,561.15	FNMA POOL #MA3027 4% 06-01-2047 BEO
Fixed Income	2,758,119	2,946,332.73	FNMA POOL #MA3088 4% 08-01-2047 BEO
Fixed Income	1,626,397	1,718,480.46	FNMA POOL #MA3182 3.5% 11-01-2047 BEO
Fixed Income	20,921,047	22,414,017.73	FNMA POOL #MA3186 4% 11-01-2037 BEO
Fixed Income	2,226,127	2,348,425.35	FNMA POOL #MA3332 3.5% 04-01-2048 BEO
Fixed Income	741,345	784,705.13	FNMA POOL #MA3384 4% 06-01-2048 BEO
Fixed Income	2,065,806	2,185,516.67	FNMA POOL #MA3490 4% 10-01-2033 BEO
Fixed Income	9,710,075	10,531,830.39	FNMA POOL #MA3493 4.5% 10-01-2038 BEO
Fixed Income	3,139,029	3,320,826.65	FNMA POOL #MA3518 4% 11-01-2033 BEO
Fixed Income	9,776,000	10,599,164.28	FNMA POOL #MA3539 4.5% 12-01-2038 BEO
Fixed Income	10,547,229	11,424,232.91	FNMA POOL #MA3562 4.5% 01-01-2039 BEO
Fixed Income	1,020,292	1,071,499.12	FNMA POOL #MA3588 3.5% 02-01-2034 BEO
Fixed Income	4,719,583	4,999,220.07	FNMA POOL #MA3664 4% 05-01-2049 BEO
Fixed Income	2,506,248	2,633,289.18	FNMA POOL #MA3681 3% 06-01-2034 BEO
Fixed Income	4,679,118	5,069,447.00	FNMA POOL #MA3712 4.5% 06-01-2039 BEO
Fixed Income	25,179,302	26,833,489.40	FNMA POOL #MA3743 4% 08-01-2039 BEO
Fixed Income	7,940,886	8,580,985.48	FNMA POOL #MA3759 4.5% 07-01-2039 BEO
Fixed Income	1,820,786	1,913,964.45	FNMA POOL #MA3865 3% 12-01-2034 BEO
Fixed Income	1,882,401	1,997,080.64	FNMA POOL #QA0127 3.5% DUE 06-01-2049
Fixed Income	3,986,123	4,218,867.45	FNMA POOL #QA5555 3% DUE 12-01-2049 REG
Fixed Income	5,974,519	6,259,407.21	FNMA POOL 2.5% 01/05/2035 2.5% 05-01-2035
Fixed Income	1,688,899	1,814,671.69	FNMA POOL CA2208 4.5% 08-01-2048
Fixed Income	66,200	71,911.82	FNMA POOL CA3092 4.5% 02-01-2049
Fixed Income	327,719	347,433.43	FNMA POOL# BN0399 4.0% 09-01-2048
Fixed Income	2,312,738	2,483,016.33	FNMA POOL#CA1909 4.5% 06-01-2048
Fixed Income	1,870	1,872.84	FNMA REMIC 2004-12 CL-HB 4.5 DUE 07-25-2033
Fixed Income	1,315,955	267,211.16	FNMA REMIC SER 13-6 CL SB FLTG 02-25-2043 REG
Fixed Income	1,470,517	1,704,399.06	FNMA REMIC SER 1999-5 CL PT 6.5 02-25-2029
Fixed Income	7,508	7,570.32	FNMA REMIC SER 2011-79 CL HD 2 12-25-2022
Fixed Income	3,839,495	3,753,001.51	FNMA REMIC SER-18-C02 CL-2M2 FLTG DUE 08-25-2030 REG
Fixed Income	10,206	11,820.23	FNMA REMIC TR 1997-58 CL-JZ 7.5 08-20-2027
Fixed Income	215	215.24	FNMA REMIC TR SER 1990-103 CL K 7.50000 GTD MTG PASS THRU CTF DUE 09-25-2020 REG
Fixed Income	7,760	7,794.71	FNMA SER 2016-M1 CL ASQ2 VAR RT 02-25-2021
Fixed Income	5,195,000	5,821,784.54	FNMA SER 2017-M15 CL A2 DUE 09-25-2027 BEO
Fixed Income	367,209	376,236.43	FNMA SERIES 2012-M2 CLASS A2 2.717 DUE 02-25-2022
Fixed Income	18,700,000	19,635,741.08	FNMA SINGLE FAMILY MORTGAGE 3% 30 YEARS SETTLES SEPTEMBER
Fixed Income	10,500,000	11,039,587.13	FNMA SINGLE FAMILY MORTGAGE 3.5% 30 YEARS SETTLES AUGUST
Fixed Income	5,000,000	5,301,269.55	FNMA SINGLE FAMILY MORTGAGE 4% 30 YEARS SETTLES AUGUST
Fixed Income	10,000,000	10,597,070.30	FNMA SINGLE FAMILY MORTGAGE 4% 30 YEARS SETTLES JULY
Fixed Income	5,000,000	5,381,597.20	FNMA TRANCHE 00689 1.875 09-24-2026
Fixed Income	270,087	274,518.54	FNMA TRANCHE 02-25-2023
Fixed Income	6,000,000	6,222,212.70	FNMA TRANCHE 2.625% DUE 01-11-2022
Fixed Income	600,000	724,854.77	FOMENTO ECONOMICO 4.375% DUE 05-10-2043
Fixed Income	1,200,000	1,238,592.47	FOMENTO ECONOMICO MEXICANO S A B DE C V 3.5% DUE 01-16-2050
Fixed Income	500,000	502,555.45	FORD CR AUTO LEASE 3.17% DUE 09-15-2021
Fixed Income	290,000	295,262.63	FORD CR AUTO LEASE 3.3% DUE 02-15-2022
Fixed Income	100,000	102,728.84	FORD CR AUTO LEASE FIXED 3.25% DUE 07-15-2022
Fixed Income	850,000	853,243.35	FORD CR AUTO OWNER .79% DUE 11-15-2025

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Fixed Income	3,600,000	3,680,973.36	FORD CR AUTO OWNER TR SER 19-B CL A3 2.23%10-15-2023 REG
Fixed Income	455,000	459,699.74	FORD CR AUTO OWNER TR SER 20-A CL A3 1.04% 08-15-2024
Fixed Income	900,000	914,586.35	FORD MOTOR CR CO LLC 1% EMTN 10/02/2023 DUAL Curr 1.744% DUE 07-19-2024
Fixed Income	580,000	613,426.02	FORD MOTOR CR LLC 1.514% EMTN 17/02/2023EUR
Fixed Income	513,000	509,346.47	FORD MOTOR CR LLC 2.386% 02-17-2026
Fixed Income	300,000	326,067.41	FORD MOTOR CREDIT CO LLC FLTG RT MTN RT 05-14-2021
Fixed Income	265,000	249,818.15	FORD MOTOR CREDIT COMPANY LLC 3.664 DUE 09-08-2024 REG
Fixed Income	225,000	236,812.50	FORD MTR CO DEL 7.45% DUE 07-16-2031
Fixed Income	75,000	79,312.50	FORD MTR CO DEL 8.5% DUE 04-21-2023
Fixed Income	860,000	1,018,498.00	FORD MTR CO DEL 9.625% DUE 04-22-2030
Fixed Income	255,000	241,663.50	FORD MTR CR CO LLC 3.096% DUE 05-04-2023
Fixed Income	60,000	59,100.00	FORD MTR CR CO LLC 3.2% DUE 01-15-2021
Fixed Income	795,000	786,819.45	FORD MTR CR CO LLC 3.336% DUE 03-18-2021
Fixed Income	235,000	232,062.50	FORD MTR CR CO LLC 3.47% 04-05-2021
Fixed Income	850,000	841,755.00	FORD MTR CR CO LLC 3.813% 10-12-2021
Fixed Income	420,000	399,915.60	FORD MTR CR CO LLC 4.389% DUE 01-08-2026
Fixed Income	255,000	249,020.25	FORD MTR CR CO LLC 4.687% 06-09-2025
Fixed Income	4,175,000	4,176,670.00	FORD MTR CR CO LLC 5.125% DUE 06-16-2025
Fixed Income	730,000	732,774.00	FORD MTR CR CO LLC 5.75% DUE 02-01-2021
Fixed Income	540,000	545,238.00	FORD MTR CR CO LLC 5.875 DUE 08-02-2021
Fixed Income	250,000	238,125.00	FORD MTR CR CO LLC FIXED 3.087% DUE 01-09-2023
Fixed Income	1,380,000	1,341,125.40	FORD MTR CR CO LLC FIXED 5.113% 05-03-2029
Fixed Income	199,000	188,607.16	FORD MTR CR CO LLC MED TERM 01/12/2024
Fixed Income	1,200,000	1,164,240.00	FORD MTR CR CO LLC MEDIUM TERM NTS SER BTRANCHE # TR 2 3.55% DUE 10-07-2022
Fixed Income	200,000	189,779.61	FORD MTR CR CO LLC NT FLTG 10-12-2021
Fixed Income	500,000	479,883.16	FORD MTR CR CO LLC NT FLTG RATE DUE 04-05-2021 REG
Fixed Income	118,200	110,517.00	FOREST CITY ENTERPRISES INC TERM LOAN B SENIOR SECURED 12-08-2025
Fixed Income	711,617	690,268.40	FORTERRA FINANCE, LLC TERM LOAN B DUE 10-25-2023 BEO
Fixed Income	800,000	720,168.00	FORTRESS TRANSL & 6.5% DUE 10-01-2025
Fixed Income	370,000	394,476.62	FORTUNE BRANDS 3.25% DUE 09-15-2029
Fixed Income	312,000	230,729.95	FOUR FINANCE SA 10.75% SNR 01/05/2022 USD
Fixed Income	3,240,000	4,508,355.12	FOX CORP 5.576% DUE 01-25-2049
Fixed Income	1,250,124	423,179.42	FR CMO 25/02/37 USD1000 I-A-2 2007-1 02-25-2037 BEO
Fixed Income	435,000	437,039.06	FREEPORT-MCMORAN 5% DUE 09-01-2027
Fixed Income	295,000	289,100.00	FREEPORT-MCMORAN 5.45% DUE 03-15-2043
Fixed Income	0	-	FREEPORT-MCMORAN COPPER & GOLD INC 3.55% DUE 03-01-2022
Fixed Income	305,000	295,850.00	FREEPORT-MCMORAN FIXED 4.125% DUE 03-01-2028
Fixed Income	555,000	538,350.00	FREEPORT-MCMORAN INC 4.25% DUE 03-01-2030
Fixed Income	800,000	820,000.00	FREEPORT-MCMORAN INC 5.25% DUE 09-01-2029
Fixed Income	950,000	939,015.63	FREEPORT-MCMORAN INC 5.4% DUE 11-14-2034/11-14-2014 REG
Fixed Income	338,891	356,902.57	FRESB 2016-SB14 FLTG RT 2.5899991417% DUE 03-25-2026
Fixed Income	484,003	533,097.16	FRESB MTG TR MULTIFAMILY MTG PASS THRU SR 18-SB53 CL A10F FLTG 06-25-2028
Fixed Income	100,000	96,750.00	FRONERI TERM LOAN 29/01/2028
Fixed Income	1,000,000	1,085,103.32	FRONERI EUR EUR TERM LN 29/01/2027
Fixed Income	725,000	680,144.25	FRONERI INTERNATIONAL PLC TERM LOAN 01-29-2027
Fixed Income	100,000	111,659.65	FRONERI INTL PLC 2ND LIEN 31/01/2028
Fixed Income	117,900	114,166.11	FRONTDOOR INC USD FIRST LIEN TERM LOAN 08-14-2025
Fixed Income	0	-	FRONTIER COMMUNICATIONS CORPORATION TERM LOAN B 06-01-2024 BEO
Fixed Income	0	(0.00)	FUT SEP 20 10 YR T-NOTES
Fixed Income	0	-	FUT SEP 20 5 YR T NOTE
Fixed Income	0	-	FUT SEP 20 AST DOLLAR
Fixed Income	0	-	FUT SEP 20 CBT UL T-BONDS
Fixed Income	0	-	FUT SEP 20 CBT ULT TNOTE
Fixed Income	0	-	FUT SEP 20 EURX E-SCHATZ
Fixed Income	0	-	FUT SEP 20 EURX EUR-BOBL
Fixed Income	0	-	FUT SEP 20 EURX EUR-BUND
Fixed Income	0	(0.00)	FUT SEP 20 EUX EURO-BUXL
Fixed Income	0	-	FUT SEP 20 IMM CAD
Fixed Income	0	-	FUT SEP 20 IMM EURO FX
Fixed Income	0	-	FUT SEP 20 IMM GBP
Fixed Income	0	-	FUT SEP 20 IMM JPY
Fixed Income	0	-	FUT SEP 20 LIF LONG GILT
Fixed Income	0	-	FUT SEP 20 ME 10Y CDN BND
Fixed Income	0	-	FUT SEP 20 OSE 10Y JGB
Fixed Income	0	-	FUT SEP 20 SGX MINI JGB
Fixed Income	0	-	FUT SEP 20 U.S. T-BONDS
Fixed Income	0	-	FUT SEP 20 US 2YR T-NOTE
Fixed Income	300,000	305,602.88	FWD GROUP LIMITED 5.75% SUB 09/07/24 USD1000
Fixed Income	619,510	606,810.08	GARDNA WORLD SECURITY CORPORATION TERM LOAN B DUE 10-23-2026
Fixed Income	400,000	388,000.00	GARDNER DENVER INC TERM LOAN B DUE 03-01-2027 BEO
Fixed Income	1,135,074	1,090,612.95	GATES GLOBAL LLC TERM LOAN SENIOR SECURED 04-01-2024
Fixed Income	200,000	214,946.00	GAZ CAPITAL SA 6.51% GTD SNR 07/03/22 USD
Fixed Income	200,000	288,664.80	GAZ CAPITAL SA 7.288% SNR 16/08/2037 USD
Fixed Income	1,000,000	1,054,202.96	GE CAP FDG LLC 4.05% DUE 05-15-2027
Fixed Income	1,000,000	1,046,628.53	GEN ELEC CAP CORP MEDIUM TERM NTS BO TRANCHE # TR 00849 4.65 DUE 10-17-2021
Fixed Income	450,000	443,559.30	GEN ELEC CAP CORP VAR RT 0% DUE 10-15-2024
Fixed Income	1,300,000	1,300,611.91	GEN MTRS FINL CO FIXED 3.2% DUE 07-13-2020
Fixed Income	200,000	197,000.00	GENEL ENERGY FINANCE LTD 7.5% 14/05/2019
Fixed Income	65,000	84,121.80	GENERAL DYNAMICS CORP 4.25% DUE 04-01-2050 REG
Fixed Income	100,000	99,507.80	GENERAL ELEC CO 4.25% DUE 05-01-2040
Fixed Income	4,505,000	4,455,465.14	GENERAL ELEC CO 4.35% DUE 05-01-2050 REG
Fixed Income	1,950,000	2,098,645.92	GENERAL MOTORS FIN 0.955% GTD SNR 07/09/23 EUR
Fixed Income	272,000	300,387.98	GENERAL MOTORS FIN FRN GTD SNR EMTN 05/21 EUR
Fixed Income	4,000,000	4,275,581.96	GENERAL MOTORS FINANCIAL CO INC 5.1% 01-17-2024
Fixed Income	1,000,000	1,123,684.68	GENERAL MTRS CO 6.125% DUE 10-01-2025
Fixed Income	200,000	233,052.00	GENERAL MTRS CO FIXED 6.8% DUE 10-01-2027
Fixed Income	150,000	149,964.38	GENERAL MTRS CO FLTG RT 2.11167% DUE 08-07-2020
Fixed Income	100,000	99,341.20	GENERAL MTRS FINL CO INC FLTG DUE 01-14-2022 REG
Fixed Income	399,000	383,255.46	GENESEE & WYOMING INC TERM LOAN 11-06-2026
Fixed Income	675,000	579,069.00	GENESIS ENERGY L P 6.25% DUE 05-15-2026
Fixed Income	1,045,000	893,475.00	GENESIS ENERGY L P/GENESIS ENERGY FIN 6.5% 10-01-2025

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Fixed Income	215,000	221,866.95	GENPACT LUXEMBOURG 3.375% DUE 12-01-2024
Fixed Income	827,925	799,982.53	GENTIVA HEALTH SERVICES INC TERM B LOAN (FIRST LIEN) 07-02-2025
Fixed Income	200,000	183,880.00	GEOPARK LIMITED 6.5% 21/09/2024
Fixed Income	2,000,000	2,186,563.04	GEORGETOWN UNIV 5.061% DUE 04-01-2044
Fixed Income	495,000	670,424.09	GEORGIA PAC CORP 7.25% DUE 06-01-2028
Fixed Income	600,000	628,065.82	GEORGIA PWR CO 2.65% DUE 09-15-2029
Fixed Income	170,000	183,120.32	GESTAMP AUTOMOCION MTN 3.25% 30/04/2026
Fixed Income	97,442	86,236.44	GETTY IMAGES INC TERM LOAN DUE 02-19-2026 BEO
Fixed Income	989,924	826,171.03	GGP INC GGP INC TERM LOAN B DUE 08-27-2025 BEO
Fixed Income	230,000	246,509.91	GLENCORE FDG LLC 4% DUE 03-27-2027
Fixed Income	2,060,000	2,326,733.64	GLENCORE FINANCE (EUROPE) LIMITED 1.75% 17/03/2025
Fixed Income	400,000	410,000.00	GLOBAL BK CORP FLTG RT 5.25% DUE 04-16-2029
Fixed Income	455,000	325,484.25	GLOBAL LIMAN ISLETMELERİ 8.125% 14/11/2021
Fixed Income	460,000	425,500.00	GLOBAL PARTNERS LP FIXED 7% 08-01-2027
Fixed Income	105,000	100,931.25	GLOBAL PARTNERS LP/GLP FIN CORP 7.0% DUE 06-15-2023
Fixed Income	800,000	874,072.00	GLP CAP L P / GLP 5.375% DUE 04-15-2026
Fixed Income	1,000,000	1,101,700.00	GLP CAP L P / GLP 5.75% DUE 06-01-2028
Fixed Income	500,000	496,773.02	GLP PTE LTD 3.875% DUE 06-04-2025
Fixed Income	625,000	620,966.28	GLP PTE. LTD. 3.875% SNR 04/06/2025 USD
Fixed Income	126,052	127,461.63	GLS AUTO 2.47% DUE 11-15-2023
Fixed Income	15,177	15,247.97	GLS AUTO 3.35% DUE 08-15-2022
Fixed Income	790,000	800,912.98	GM FINL AUTOMOBILE FIXED 2.03% DUE 06-20-2022
Fixed Income	95,787	96,058.40	GM FINL AUTOMOBILE LEASING TR 2018-2 CL A3 3.1% 06-21-2021
Fixed Income	395,000	398,663.90	GM FINL AUTOMOBILE LEASING TR 2018-2 CL C 3.9% 04-20-2022
Fixed Income	525,000	525,814.38	GM FINL AUTOMOBILE LEASING TR 2020-2 CL A-3 .8% DUE 07-20-2023 REG
Fixed Income	75,000	76,467.36	GM FINL AUTOMOBILE LEASING TRSR 19-1 CL B 3.37% 12-20-2022
Fixed Income	400,000	408,850.36	GM FINL CNSMR 1.49% DUE 12-16-2024
Fixed Income	365,000	373,297.25	GM FINL CNSMR 2.46% DUE 07-17-2023
Fixed Income	600,000	530,909.81	GMR HYDERABAD INTL 4.25% 10-27-2027
Fixed Income	43,364	45,184.64	GNMA 2013-176 REMIC PASSTHRU SEC'S CL MX-AH 03-16-2046
Fixed Income	846,578	847,977.70	GNMA 2015-H23 REMIC PASSTHRU CTF CL FA 09-20-2065
Fixed Income	1,565,226	1,564,277.10	GNMA 2015-H26 REMIC PASSTHRU CTF CL FA 10-20-2065
Fixed Income	63,459	63,591.73	GNMA 2015-H29 REMIC PASSTHRU SEC CL FA 10-20-2065
Fixed Income	5,853	5,880.19	GNMA 2015-H30 REMIC PASSTHRU SEC CL FA 08-20-2061
Fixed Income	1,850	1,858.93	GNMA 2015-H30 REMIC PASSTHRU SEC CL FB 03-20-2062/07-20-2020
Fixed Income	827,041	840,665.12	GNMA 2016-H02 REMIC PASSTHRU CTF CL MX-FH 01-20-2066
Fixed Income	1,393,299	1,410,125.62	GNMA 2016-H06 MTG PASSTHRU CTF CL FD 07-20-2065
Fixed Income	10,328,824	10,978,805.13	GNMA 3% DUE 03-20-2046
Fixed Income	4,161	4,527.26	GNMA POOL #4216 6% 08-20-2038 BEO
Fixed Income	105,658	119,262.69	GNMA POOL #4496 5% 07-20-2039 BEO
Fixed Income	47,253	53,323.57	GNMA POOL #4559 5% 10-20-2039 BEO
Fixed Income	100,006	112,815.05	GNMA POOL #4658 5% 03-20-2040 BEO
Fixed Income	112,457	126,871.31	GNMA POOL #4679 5% 04-20-2040 BEO
Fixed Income	48,807	51,125.34	GNMA POOL #4942 3.5% 02-20-2026 BEO
Fixed Income	14,293	14,971.85	GNMA POOL #4974 3.5% 03-20-2026 BEO
Fixed Income	169,726	191,283.75	GNMA POOL #5116 5% 07-20-2041 BEO
Fixed Income	9,473	9,932.10	GNMA POOL #5256 3.5% 12-20-2026 BEO
Fixed Income	15,050	16,468.87	GNMA POOL #647070 5.5% 07-20-2035 BEO
Fixed Income	69,441	78,283.87	GNMA POOL #692606 4.5% 06-15-2039 BEO
Fixed Income	47,144	54,981.38	GNMA POOL #711522 4.5% 07-15-2040 BEO
Fixed Income	12,570	14,636.80	GNMA POOL #726341 5.5% 09-15-2039 BEO
Fixed Income	45,757	51,647.43	GNMA POOL #767128 4% 06-15-2044 BEO
Fixed Income	44,831	49,257.13	GNMA POOL #777553 3.5% 12-15-2044 BEO
Fixed Income	62,886	71,842.94	GNMA POOL #781746 SER 2034 5% DUE 05-15-2034 REG
Fixed Income	18,913	20,620.84	GNMA POOL #784039 5% 05-20-2045 BEO
Fixed Income	74,270	86,655.70	GNMA POOL #784070 5.5% 03-15-2040 BEO
Fixed Income	7,011,176	7,597,563.42	GNMA POOL #784494 3.5% 07-15-2045 BEO
Fixed Income	5,711,922	6,132,241.16	GNMA POOL #784849 3% 10-20-2049 BEO
Fixed Income	11,147	12,589.12	GNMA POOL #A13100 4% 04-15-2039 BEO
Fixed Income	24,411	26,452.09	GNMA POOL #A13123 4% 06-15-2034 BEO
Fixed Income	38,892	42,168.54	GNMA POOL #A13133 4% 07-15-2034 BEO
Fixed Income	50,689	54,440.18	GNMA POOL #AN2972 4% 09-20-2045 BEO
Fixed Income	223,413	236,354.03	GNMA POOL #AN5733 3% 06-15-2045 BEO
Fixed Income	56,077	60,292.88	GNMA POOL #A08675 4% 09-20-2045 BEO
Fixed Income	509,393	553,964.12	GNMA POOL #MA2893 4% 06-20-2045 BEO
Fixed Income	342,385	365,635.95	GNMA POOL #MA2960 3% 07-20-2045 BEO
Fixed Income	819,903	872,555.75	GNMA POOL #MA3873 3% 08-20-2046 BEO
Fixed Income	1,696,431	1,814,357.49	GNMA POOL #MA4069 3.5% 11-20-2046 BEO
Fixed Income	1,942,003	2,060,675.78	GNMA POOL #MA4836 3% 11-20-2047 BEO
Fixed Income	2,006,718	2,134,075.64	GNMA POOL #MA5019 3.5% 02-20-2048 BEO
Fixed Income	1,878,461	2,000,617.67	GNMA POOL #MA5528 4% 10-20-2048 BEO
Fixed Income	6,167,611	6,173,101.19	GNMA REMIC SER 2015-H10 CL FA FLTG 04-20-2065
Fixed Income	5,987,250	5,996,964.25	GNMA REMIC PASSTHRU CTF SER 2015-H09 CL FA FLTG RT DUE 04-20-2065
Fixed Income	309,177	309,455.34	GNMA REMIC PASSTHRU CTF SER 2015-H18 CL FB FLTG RT DUE 07-20-2065
Fixed Income	44,438	46,708.71	GNMA REMIC SER 2013-176 CL BD FLTG RT DUE 03-16-2046
Fixed Income	706,039	704,691.13	GNMA REMIC SER 2015-H17 CL FL VAR RT DUE 06-20-2065
Fixed Income	2,708,048	2,712,443.48	GNMA REMIC SR 2015-H20 CL FC FLTG 08-20-2065
Fixed Income	26,570	28,229.30	GNMA REMIC TR 2001-16 CL Z 10-16-2040
Fixed Income	794,464	795,197.07	GNMA SER 2015-H20 CL FB FLTG RT 08-20-2065
Fixed Income	19,638	22,608.59	GNMAI POOL #4266 SER 2038 5.5% DUE 10-20-2038 REG
Fixed Income	8,594	9,288.96	GNMAI POOL #4310 SER 2038 6% DUE 12-20-2038 REG
Fixed Income	43,991	49,628.91	GNMAI POOL #4697 SER 2040 5% DUE 05-20-2040 REG
Fixed Income	4,114,767	4,393,013.19	GNMAI POOL #BT0810 SER 2050 3% DUE 03-20-2050 REG
Fixed Income	1,190,987	1,275,248.66	GNMAI POOL #MA2961 SER 2045 3.5% DUE 07-20-2045
Fixed Income	2,319,422	2,464,579.19	GNMAI POOL #MA4126 SER 2046 3% DUE 12-20-2046 REG
Fixed Income	3,070,065	3,354,255.66	GNMAI POOL #MA4512 4.5% DUE 06-20-2047 REG
Fixed Income	39,651	43,848.11	GNMAI POOL #MA4722 SER 2047 5% DUE 09-20-2047 BEO
Fixed Income	2,302,557	2,449,515.36	GNMAI POOL #MA4837 SER 2047 3.5% DUE 11-20-2047 REG
Fixed Income	1,780,211	1,902,062.01	GNMAI POOL #MA5466 4.0% 09-20-2048
Fixed Income	2,417,478	2,553,343.39	GNMAI POOL #MA6154 3.5% DUE 09-20-2049 REG
Fixed Income	51,000	28,560.51	GOL FINANCE 7% GTD SNR 31/01/2025 USD

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Fixed Income	173,000	96,881.73	GOL FINANCE 7.0% 01-31-2025
Fixed Income	665,000	599,051.95	GOLDEN ENTERTAINMENT, INC. TERM B FACILITY LOAN (FIRST LIEN) 10-21-2024
Fixed Income	500,000	530,526.96	GOLDMAN SACHS 3.2% DUE 02-23-2023
Fixed Income	1,600,000	1,792,338.02	GOLDMAN SACHS 3.691% DUE 06-05-2028
Fixed Income	200,000	225,602.95	GOLDMAN SACHS 3.85% DUE 01-26-2027
Fixed Income	700,000	771,803.87	GOLDMAN SACHS 3.85% DUE 07-08-2024
Fixed Income	5,300,000	5,966,164.74	GOLDMAN SACHS 4.25% DUE 10-21-2025
Fixed Income	210,000	226,312.62	GOLDMAN SACHS GROUP INC 3.272% 09-29-2025 REG
Fixed Income	4,930,000	5,573,133.98	GOLDMAN SACHS GROUP INC 3.814% DUE 04-23-2029
Fixed Income	19,230,000	22,373,854.62	GOLDMAN SACHS GROUP INC 4.223% 05-01-2029
Fixed Income	770,000	685,300.00	GOLDMAN SACHS GROUP INC 4.4% DUE 12-31-2049 BEO
Fixed Income	1,280,000	1,216,000.00	GOLDMAN SACHS GROUP INC 4.95% 12-31-2049
Fixed Income	100,000	101,350.60	GOLDMAN SACHS GROUP INC FRN 10-28-2027
Fixed Income	2,015,000	2,368,254.67	GOLDMAN SACHS GRP 1.625% SNR 27/07/2026 EUR
Fixed Income	900,000	963,000.00	GOODYEAR TIRE & 9.5% DUE 05-31-2025
Fixed Income	600,000	549,600.00	GOODYEAR TIRE & FIXED 4.875% DUE 03-15-2027
Fixed Income	694,376	695,001.88	GOVERNMENT NATIONAL MORTGAGE ASS SER 2015-H19 CL FK ADJ RT DUE 08-20-2065
Fixed Income	531,518	540,997.84	GOVERNMENT NATL MTG ASSN REMIC SER 2012-131 CL A 1.9 02-16-2053
Fixed Income	497,494	486,051.38	GRANITE ACQUISITION INC TERM B LOAN (FIRST LIEN) DUE 12-17-2021 BEO
Fixed Income	793,868	771,544.26	GRANITE GENERATION LLC TERM LOAN B 11-01-2026
Fixed Income	397,520	345,842.39	GRANITE HOLDINGS US ACQUISITION CO. TERMLOAN B SR SECD DUE 09-30-2026
Fixed Income	1,914,530	1,799,658.12	GREENHILL & CO INC TERM LOAN DUE 04-05-2024
Fixed Income	250,000	246,975.00	GREENNIKO DUTCH BV 5.25% 24/07/2024
Fixed Income	200,000	201,246.07	GREENLAND GBL INV 6.25% GTD SNR 16/12/22USD
Fixed Income	570,000	549,390.36	GREENLAND GLOBAL INVESTMENT 5.875% 03/07/2024
Fixed Income	660,000	651,750.00	GRIFFON CORP 5.75% DUE 03-01-2028
Fixed Income	1,732,157	1,664,828.14	GRIFOLS WORLDWIDE OPERATIONS LIMITED DOLLAR TRANCHE B TERM LOAN 11-15-2027
Fixed Income	310,000	307,875.08	GRUPO ANTOLIN 3.25% GTD 30/04/2024 EUR
Fixed Income	300,000	282,153.00	GRUPO UNICOMER CO 7.875% GTD SNR 01/04/24 USD
Fixed Income	400,000	429,952.00	GRUPOSURA FINANCE 5.5% GTD SNR 29/04/2026 USD
Fixed Income	273,000	277,720.17	GTLK EUROPE CAP 4.949% GTD SNR 18/02/26 USD
Fixed Income	360,000	354,618.00	GTLK EUROPE CAP BDS 4.65% 10/03/2027
Fixed Income	364,000	403,659.04	GUALA CLOSURES SPA FRN GTD SNR SEC 04/2024 EUR
Fixed Income	1,200,000	1,255,812.00	GUATEMALA REP NT 144A 5.75 DUE 06-06-2022 REG
Fixed Income	300,000	328,547.82	HANA BANK 4.375% 30/09/2024
Fixed Income	90,000	86,685.48	HCA INC 3.5% DUE 09-01-2030
Fixed Income	4,710,000	5,195,542.41	HCA INC 4.125% 06-15-2029
Fixed Income	1,075,000	1,287,919.99	HCA INC 5.25% DUE 06-15-2049
Fixed Income	3,485,000	3,794,293.75	HCA INC 5.375% DUE 09-01-2026
Fixed Income	605,000	675,331.25	HCA INC 5.625% DUE 09-01-2028
Fixed Income	2,590,000	2,930,818.10	HCA INC 5.875% DUE 02-01-2029
Fixed Income	209,472	204,907.96	HCA INC TERM LOAN 03-13-2025
Fixed Income	189,523	184,991.12	HCA INC TRANCHE B-13 TERM LOAN 03-18-2026
Fixed Income	1,885,496	1,791,805.87	HD SUPPLY WATERWORKS, LTD. TERM LOAN 08-01-2024
Fixed Income	650,000	702,252.30	HEALTHCARE TR AMER 3.5% DUE 08-01-2026
Fixed Income	497,462	471,967.00	HEARTHSIDE FOOD SOLUTIONS LLC LLC TERM LN DUE 05-17-2025 BEO
Fixed Income	100,000	117,011.32	HEATHROW FINANCE 3.875% SNR SEC 01/03/27GBP
Fixed Income	2,835,000	3,231,863.64	HEINZ(HJ)CO 2% GTD SNR 30/06/2023 EUR
Fixed Income	0	-	HELLENIC REPUBLIC TERM LOAN DUE 03-20-2016 BEO
Fixed Income	364,173	321,903.65	HERTZ CORPORATION, THE TRANCHE B-1 TERM LOAN DUE 06-30-2023 BEO
Fixed Income	0	-	HEXION INC DUE 07-01-2026 BEO
Fixed Income	370,000	314,500.00	HILCORP ENERGY I L 5.75% DUE 10-01-2025
Fixed Income	180,000	186,300.00	HILLENBRAND INC 5.75% DUE 06-15-2025
Fixed Income	20,000	20,081.20	HILLENBRAND INC STEP CPN 4.5% DUE 09-15-2026
Fixed Income	2,600,000	2,588,638.00	HILTON DOMESTIC 5.125% DUE 05-01-2026
Fixed Income	300,000	303,000.00	HILTON DOMESTIC 5.75% DUE 05-01-2028
Fixed Income	2,023,985	1,907,241.88	HILTON WORLDWIDE FINANCE LLC TERM LOAN 06-22-2026 BEO
Fixed Income	1,460,000	1,427,456.60	HILTON WORLDWIDE FIXED 4.625% DUE 04-01-2025
Fixed Income	120	120.16	HK offshore Chinese Yuan Renminbi - Cash
Fixed Income	750,000	821,656.05	HLTH CARE REIT INC 4.5% DUE 01-15-2024
Fixed Income	1	1.46	HOME EQUITY AST TR FLTG RT .37163% DUE 07-25-2036
Fixed Income	450,000	453,014.10	HONDA AUTO .82% DUE 07-15-2024
Fixed Income	3,500,000	3,582,378.80	HONDA AUTO RECEIVABLES OWNER TR SER 18-4 CL A3 3.16% 01-17-2023
Fixed Income	111,726	111,726.00	Hong Kong dollar - Cash
Fixed Income	0	425,737.25	Hong Kong dollar - Pending foreign exchange purchases
Fixed Income	0	(2,194,162.53)	Hong Kong dollar - Pending foreign exchange sales
Fixed Income	0	(425,737.25)	Hong Kong dollar - Pending trade purchases
Fixed Income	0	2,194,173.02	Hong Kong dollar - Pending trade sales
Fixed Income	201,246	201,245.77	Hong Kong dollar - Variation Margin
Fixed Income	1,100,000	1,141,309.59	HOTEL HOTELS & RESORTS L P 4.0% 06-15-2025
Fixed Income	460,000	455,860.09	HOUSE OF FINANCE NV/THE 4.375% 15/07/2026
Fixed Income	140,000	151,880.53	HOWMET AEROSPACE FIXED 6.875% DUE 05-01-2025
Fixed Income	4,000,000	4,143,833.36	HSBC HLDGS PLC 3.262% 03-13-2023
Fixed Income	600,000	677,282.08	HSBC HLDGS PLC 4.3% DUE 03-08-2026
Fixed Income	540,000	574,459.32	HSBC HLDGS PLC 4.875% DUE 01-14-2022
Fixed Income	300,000	360,469.21	HSBC HLDGS PLC 4.95% DUE 03-31-2030
Fixed Income	100,000	107,470.53	HSBC HLDGS PLC FIXED 3.95% DUE 05-18-2024
Fixed Income	1,500,000	1,665,140.88	HSBC HLDGS PLC FIXED 3.973% 05-22-2030
Fixed Income	1,900,000	2,113,519.25	HSBC HLDGS PLC FLTG RT 4.292% DUE 09-12-2026
Fixed Income	300,000	297,574.98	HSBC HLDGS PLC SR NT FLTG RATE 05-18-2024
Fixed Income	1,100,000	1,188,182.49	HSBC HOLDINGS PLC 3.803% 03-11-2025
Fixed Income	800,000	853,202.27	HSBC HOLDINGS PLC 4.75%-FR SUB PERP EUR200000
Fixed Income	2	1.79	HSI ASSET SECURITIZATION CORP TR SER 06-OPT4 CL 1A1 VAR RATE 03-25-2036
Fixed Income	663,080	659,283.70	HSI AST SEC CORP TR 2006-OPT3MTG PASSTHRU CTF CL III-A-3 5.5 02-25-36 REG
Fixed Income	575,000	578,565.28	HUARONG FIN 2017 4%-FR GTD SNR EMTN PERPUSD
Fixed Income	480,000	483,588.96	HUARONG FIN 2017 4.5%-FRN GTD SNR PERP USD
Fixed Income	1,648,182	1,564,404.73	HUB INTERNATIONAL LIMITED TERM BANK LOAN 04-25-2025
Fixed Income	2,365,000	2,360,033.50	HUB INTL LTD 7% DUE 05-01-2026
Fixed Income	90,000	97,236.66	HUDSON PAC PPTYS L 4.65% DUE 04-01-2029
Fixed Income	475,000	460,512.79	HUDSON PACIFIC PROPERTIES LP 3.25% DUE 01-15-2030
Fixed Income	0	-	Hungarian forint - Cash

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Fixed Income	190,000	214,648.38	HUNGARY 1.625% T 1.625% 28/04/2032
Fixed Income	400,000	388,000.00	HUNT OIL CO 6.375% DUE 06-01-2028 BEO
Fixed Income	270,000	276,993.00	HUNTINGTON BANCSHARES INC 5.625% DUE 12-31-2049 BEO
Fixed Income	995,000	843,262.50	HUNTINGTON FIXED 5.7% 12-31-2049
Fixed Income	165,000	174,843.82	HYATT HOTELS CORP 5.375% DUE 04-23-2025
Fixed Income	951,681	922,683.68	HYLAND SOFTWARE, INC. TERM LOAN 07-01-2024
Fixed Income	460,000	467,448.27	HYUNDAI AUTO 2.44% DUE 05-15-2024
Fixed Income	1,382,981	312,517.24	I/O FEDERAL HOME LN MTG SER 4704 CL SK FLTG 07-15-2047
Fixed Income	1,409,301	222,518.88	I/O FEDERAL NATIONAL MORTGAGE ASSOC SER 12-149 CL LI 4% 01-25-2043
Fixed Income	804	0.72	I/O FHLMC MULTICLASS 3773 CL IA 3.5% 06-15-2025/07-15-2020
Fixed Income	1,622,020	327,544.78	I/O FHLMC MULTICLASS FHLMC #S1-3281 09-15-2043
Fixed Income	1,705,976	258,550.32	I/O FHLMC MULTICLASS FREDDIE MAC SER 4122 CLS IO 4% 10-15-2042
Fixed Income	870,665	193,482.89	I/O FHLMC MULTICLASS FREDDIE MAC SER 4159 CLS KS FLTG RT 01-15-2043
Fixed Income	1,779,451	321,137.28	I/O FHLMC MULTICLASS SER 004583 CL ST 05-15-2046
Fixed Income	1,396,470	322,117.63	I/O FHLMC MULTICLASS SER 004623 CL MS 10-15-2046
Fixed Income	1,602,057	325,730.11	I/O FHLMC MULTICLASS SER 4073 CL SB FLT RT 07-15-2042
Fixed Income	1,604,394	347,296.65	I/O FNMA REMIC SER 14-90 CL SA FRN 01-25-2045
Fixed Income	1,695,335	372,117.63	I/O FNMA REMIC TR 2012-70 CL-HS VAR RATE07-25-2042 REG
Fixed Income	710,748	49,316.64	I/O FNMA REMIC TR 2013-17 CL-TI3% 03-25-2028 REG
Fixed Income	1,212,732	163,071.02	I/O FNMA REMIC TR 2016-3 CL-IP 02-25-2046
Fixed Income	1,479,778	347,655.45	I/O GNMA 2016-91 REMIC PASSTHRU CTF CL NS FLTG RT 07-20-2046
Fixed Income	659,722	112,217.04	I/O GNMA REMIC SER 2009-66 CL XS FLT RT 07-16-2039
Fixed Income	1,836,882	417,315.84	I/O GNMA SER 2008-51 CL GS FLTG RT DUE 06-16-2038
Fixed Income	0	963.01	ICE_CDS WFBIUS6S 06/20/2024 SELL AT&T INC 2.45% 2020-06 SWPC0HW03
Fixed Income	0	2,327.38	ICE_CDS WFBIUS6S 12/20/2020 SELL AT&T INC 2.45% 06/30/2028 SWPC0E4E3
Fixed Income	0	(110,027.58)	ICE_CDS WFBIUS6S 20/06/2025 SELL ROLLS-ROYCE PLC 2.125% SWPC0JC45
Fixed Income	0	439,465.04	ICE_CDX WFBIUS6S 06/20/2025 SELL CDX.NA.IG.34 SWPC0J5G6
Fixed Income	0	(1,015,038.90)	ICE_CDX WFBIUS6S 06/20/2025 SELL CX.NA.HY.34 SWPC0J6K6
Fixed Income	0	712,661.58	ICE_CDX WFBIUS6S 12/20/2024 SELL CDX.NA.IG.33 SWPC0JA6
Fixed Income	240,000	267,153.82	ICELAND BONDSCO PLC 4.625% GTD 15/03/2025GBP
Fixed Income	300,000	303,582.00	ICICI BANK 5.75% BDS 16/11/2020 USD REGS
Fixed Income	0	-	IHEARTCOMMUNICATIONS INC TERM LOAN 05-01-2026
Fixed Income	1,400,000	1,570,483.84	IHO VERWALTUNGS 3.625% PIK 15/05/2025 EUR
Fixed Income	300,000	330,639.08	IHO VERWALTUNGS GMBH 3.75% 15/09/2026
Fixed Income	2,500,000	2,873,975.00	IHS MARKIT LTD 4.25% DUE 05-01-2029
Fixed Income	500,000	508,750.00	IHS NETHOLDCO BV 8.0% 18/09/2027
Fixed Income	497,436	477,538.46	IMMUCOR INC IMMUCOR, INC. (FKA IVD ACQSTN CORPORATION) DUE 06-15-2021 BEO
Fixed Income	1,265,000	760,581.25	IN DEFAULT INTELSAT JACKSON HLDGS SA 0.0% 12-31-2040
Fixed Income	150,000	144,000.01	IN RESEARCH LLC TERM LOAN DUE 08-01-2024
Fixed Income	500,000	540,040.53	INDIAN OIL CORP LTD 5.75% 01/08/2023
Fixed Income	800,000	840,770.32	INDIAN RAILWAY FIN 1% EMTN 28/03/24 USD200000
Fixed Income	275,000	301,502.48	INDL & COM BK 3.538% 11-08-2027
Fixed Income	200,000	204,164.32	INDONESIA (REPUBLIC OF) 2.85% 02-14-2030
Fixed Income	400,000	411,395.94	INDONESIA (REPUBLIC OF) MTN 2.95% DUE 01-11-2023
Fixed Income	0	-	Indonesian rupiah - Cash
Fixed Income	0	(279,795.49)	Indonesian rupiah - Pending trade purchases
Fixed Income	400,000	415,000.00	INDUSTRIAS PENOLES 4.15% DUE 09-12-2029
Fixed Income	989,848	1,072,491.70	INEOS FINANCE PLC NEW 2024 EURO TERM LOAN 04-01-2024
Fixed Income	300,000	336,700.72	INFINEON 3.625% 31/12/2049
Fixed Income	200,000	201,651.50	INFOR INC 1.45% DUE 07-15-2023
Fixed Income	832,913	795,431.44	INFORMATICA LLC DOLLAR 2020 TERM LOAN FACILITY 02-14-2027
Fixed Income	1,200,000	1,314,837.59	ING GROEP N V 4.1% DUE 10-02-2023
Fixed Income	2,550,000	2,530,875.00	ING GROEP N V 5.75% 12-31-2049
Fixed Income	435,000	444,613.50	ING GROEP N V 6.5% DUE 12-31-2049
Fixed Income	325,000	398,160.29	INGERSOLL RAND CO 6 443 DEB DUE 11-15-2027 BEO ANNUAL OPT PUT START**PUT
Fixed Income	109,725	104,170.72	INGERSOLL-RAND CO LTD USD SPINCO COV-LITE TLB 02-05-2027
Fixed Income	50,000	50,401.20	INGRAM MICRO INC STEP CN 5.45% DUE 12-15-2024
Fixed Income	548,625	514,681.57	INMARSAT PLC DUE 09-23-2026 BEO
Fixed Income	1,975,000	2,386,938.67	INNOGY FINANCE BV 1.625% GTD SNR 30/05/26 EUR
Fixed Income	299,250	292,516.88	INNOPHOS HOLDINGS INC TRM LN 02-05-2027
Fixed Income	545,468	552,629.97	INTELSAT JACKSON HOLDINGS INC DIP TERM LOAN DUE 07-13-2022 BEO
Fixed Income	3,160,000	3,138,290.80	INTELSAT JACKSON HOLDINGS SA TERM LOAN 11-27-2023 BEO
Fixed Income	1,000,000	997,970.00	INTELSAT JACKSON HOLDINGS SA TERM LOAN B5 SENIOR SECURED 01-15-2024
Fixed Income	329,000	390,703.14	INTERCONT'L HOTELS 2.125% GTD SNR 24/08/26 GBP
Fixed Income	1,565,000	1,637,406.93	INTERNATIONAL BUSINESS MACHS CORP 2.85% 05-13-2022 REG
Fixed Income	565,000	634,874.41	INTERNATIONAL BUSINESS MACHS CORP 3.3% 05-15-2026 REG
Fixed Income	2,305,000	2,790,916.87	INTERNATIONAL BUSINESS MACHS CORP 4.15% DUE 05-15-2039
Fixed Income	50,000	50,045.84	INTERNATIONAL FINANCE CORP TRANCHE # TR 00218 VAR RT DUE 12-15-2021 REG
Fixed Income	2,030,000	2,369,462.83	INTESA SANPAOLO 2.125% SNR 30/08/2023 EUR
Fixed Income	0	-	INTL FINANCE CORP 0.75% SNR MTN 22/07/27 GBP
Fixed Income	617,000	625,357.38	INTL GAME TECH PLC 2.375% GTD 15/04/2028EUR
Fixed Income	60,000	64,145.94	IPALCO ENTERPRISES FIXED 3.7% DUE 09-01-2024
Fixed Income	250,000	225,925.00	IRAQ (REPUBLIC OF) 5.8% GTD SNR 15/01/2028 USD
Fixed Income	700,000	721,490.00	IRB HLDG CORP 7% DUE 06-15-2025
Fixed Income	827,925	810,538.58	IRIDIUM COMMUNICATIONS INC TL SEN SEC 10-16-2026
Fixed Income	750,000	887,479.28	IRON MOUNTAIN EU 3.875% GTD SNR 15/11/25GBP
Fixed Income	675,000	765,720.00	ISR ELEC CORP LTD 4.25% DUE 08-14-2028
Fixed Income	200,000	211,018.63	ISRAEL CHEMICALS LIMITED 4.5% 144A DUE 02/12/2024
Fixed Income	200,000	228,936.31	ISRAEL ELEC CORP LTD 6.875 DUE 06-21-2023
Fixed Income	205,000	250,889.62	ITALY(REF OF) IDXL KLD SNR 15/05/2028 EUR
Fixed Income	350,000	364,315.00	ITAU UNIBANCO HLDG 5.125% DUE 05-13-2023
Fixed Income	300,000	279,660.00	ITAU UNIBANCO HLDG SA 6.5% 12-31-2049
Fixed Income	750,000	721,762.43	J P MORGAN CHASE 3.4986% DUE 04-15-2046
Fixed Income	468,041	462,776.21	J P MORGAN MTG TR 2.807% DUE 04-25-2046
Fixed Income	890,625	878,655.00	JAGUAR HLDG CO I LLC 08-18-2022
Fixed Income	1,205,000	1,233,618.75	JAGUAR HLDG CO II 5% DUE 06-15-2028
Fixed Income	900,000	878,415.64	JAGUAR LAND ROVER 5.875% GTD SNR 15/11/24 EUR
Fixed Income	995,000	966,085.30	JANE STREET GROUP, LLC TERM LOAN 01-31-2025
Fixed Income	764,563	764,562.81	Japanese yen - Cash
Fixed Income	235,797	235,796.79	Japanese yen - Cash Collateral Due to/from CCP Broker
Fixed Income	1,052,544	1,052,543.90	Japanese yen - Cash Collateral Held at Broker

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Fixed Income	0	57,293,943.92	Japanese yen - Pending foreign exchange purchases
Fixed Income	0	(9,339,185.57)	Japanese yen - Pending foreign exchange sales
Fixed Income	0	(521,055.54)	Japanese yen - Pending trade purchases
Fixed Income	0	123,861.50	Japanese yen - Pending trade sales
Fixed Income	0	-	Japanese yen - Recoverable taxes
Fixed Income	12,508,504	12,508,504.19	Japanese yen - Variation Margin
Fixed Income	345,000	362,077.50	JBS INVTS II GMBH 7% 01-15-2026
Fixed Income	400,000	419,800.00	JBS INVTS II GMBH 7% GTD SNR 15/01/2026 USD
Fixed Income	345,000	353,625.00	JBS USA LUX S A / 5.5% DUE 01-15-2030
Fixed Income	200,000	176,000.00	JEFFERIES FIN LLC 7.25% DUE 08-15-2024
Fixed Income	397,242	374,523.58	JEFFERIES FINANCE LLC DUE 03-06-2026 BEO
Fixed Income	215,000	231,708.57	JEFFERIES GROUP 4.15% DUE 01-23-2030
Fixed Income	296,954	278,673.81	JELD-WEN INC. USD TERM LOAN 12-07-2024
Fixed Income	1,700,000	1,830,783.04	JPMBB COMMERCIAL MORTGAGE SECURITIES TRUST SER 2015-C30 CL AS07-15-2048
Fixed Income	0	-	JPMCC COML MTG 3.05% DUE 07-15-2050
Fixed Income	100,000	104,011.02	JPMCC COML MTG SEC'S TR SER 2016-JP3 CL AS 3.144% 08-15-2049
Fixed Income	1,650,000	1,724,950.59	JPMDB COML MTG 3.4836% DUE 06-15-2049
Fixed Income	1,840,000	1,981,264.36	JPMORGAN CHASE & 3.22% DUE 03-01-2025
Fixed Income	2,200,000	2,386,514.46	JPMORGAN CHASE & 3.797% DUE 07-23-2024
Fixed Income	1,360,000	1,498,574.83	JPMORGAN CHASE & 4.023% DUE 12-05-2024
Fixed Income	605,000	709,341.23	JPMORGAN CHASE & 4.203% DUE 07-23-2029
Fixed Income	440,000	487,859.70	JPMORGAN CHASE & CO 3.875 09-10-2024
Fixed Income	2,900,000	3,111,230.26	JPMORGAN CHASE & CO 2.739% DUE 10-15-2030
Fixed Income	500,000	442,230.00	JPMORGAN CHASE & CO 4.0% DUE 12-31-2049 REG
Fixed Income	2,350,000	2,097,375.00	JPMORGAN CHASE & CO 4.6% DUE 12-31-2049
Fixed Income	146,000	132,903.80	JPMORGAN CHASE & CO C CRF JPM DUE 04-29-2049/04-30-2018 BEO
Fixed Income	2,600,000	2,618,152.99	JPMORGAN CHASE & CO NT FLTG RATE DUE 03-01-2021/02-01-2021 REG
Fixed Income	2,800,000	3,216,471.55	JPMORGAN CHASE & FIXED 3.702% 05-06-2030
Fixed Income	800,000	765,200.00	JPMORGAN CHASE & FIXED 5% 12-31-2049
Fixed Income	125,000	152,384.05	JPMORGAN CHASE & FLTG RT 4.493% DUE 03-24-2031
Fixed Income	300,000	329,282.21	JPMORGAN CHASE & CO .389% 02-24-2028
Fixed Income	3,976,000	4,724,571.52	JPMORGAN CHASE & CO 1.638%-FRN SNR 18/05/28 EUR
Fixed Income	300,000	291,000.00	JSC BK OF GEORGIA 11.125%-FR SUB PERP USD1000
Fixed Income	200,000	217,480.00	JSC KAZMUNAYGAS 4.75% SNR MTN 19/04/27 USD
Fixed Income	500,000	567,562.50	JSC KAZMUNAYGAS 5.375% GTD SNR 24/04/30 USD
Fixed Income	200,000	194,477.52	JSW STEEL LTD 5.95% SNR 18/04/24 USD1000
Fixed Income	281,000	312,196.62	K+S AG 4.125% DUE 06/12/2021
Fixed Income	572,640	-	KAF KAERTNER AUS (CHF) 0.0% 01/01/2023
Fixed Income	390,000	386,573.94	KAISA GROUP HLDGS 8.5% GTD SNR 30/06/2022 USD
Fixed Income	605,000	555,778.08	KAISA GROUP HLDGS 9.375% GTD SNR 30/06/24 USD
Fixed Income	200,000	206,750.00	KAISER ALUM CORP 6.5% DUE 05-01-2025
Fixed Income	300,000	315,561.47	KANSAS CITY SOUTHN 3.125% DUE 06-01-2026
Fixed Income	80,000	87,913.61	KANSAS CITY SOUTHN CORP 4.2% 11-15-2069
Fixed Income	100,000	106,854.92	KANSAS CITY SOUTHN FIXED 3.5% DUE 05-01-2050
Fixed Income	580,000	583,027.18	KAPLA HLDG SAS 3.375% 15/12/2026
Fixed Income	200,000	215,644.81	KBC GROEP NV 4.25%-FRN PERU200000
Fixed Income	525,000	530,250.00	KENBOURNE INVEST 6.875% SNR 26/11/2024 USD
Fixed Income	475,849	405,661.12	KESTREL ACQUISITION, LLC TERM LOAN B DUE 05-02-2025 BEO
Fixed Income	80,000	90,396.52	KEURIG DR PEPPER INC 3.8% DUE 05-01-2050BEO
Fixed Income	100,000	99,228.86	KILROY REALTY LP 3.05% DUE 02-15-2030
Fixed Income	500,000	524,720.53	KIMCO RLTY CORP 3.3% DUE 02-01-2025
Fixed Income	3,400,000	3,853,263.42	KINDER MORGAN INC 4.3% 03-01-2028
Fixed Income	1,470,000	1,794,424.52	KINDER MORGAN INC 5.55% DUE 06-01-2045
Fixed Income	4,500,000	4,498,785.54	KINDER MORGAN INC FLTG RT 1.555% DUE 01-15-2023
Fixed Income	274,000	356,603.16	KLA CORP 5.65% DUE 11-01-2034
Fixed Income	300,000	307,503.00	KLABIN FINANCE SA 4.875% 19/09/2027
Fixed Income	200,000	201,622.00	KOC HOLDING 5.25% 15/03/2023
Fixed Income	200,000	195,034.51	KONDOR FINANCE PLC 7.625% SNR 08/11/2026USD
Fixed Income	800,000	883,601.32	KOREA DEV BK SR NT 3% DUE 01-13-2026 REG
Fixed Income	300,000	331,130.27	KOREA NATIONAL OIL 3.25% SNR MTN 01/10/25 USD
Fixed Income	300,000	321,326.83	KOREA RESOURCES CORPORATIO 4.0% 18/04/2023
Fixed Income	200,000	176,000.00	KOSMOS 7.125% 04/04/2026
Fixed Income	600,000	528,000.00	KOSMOS ENERGY LTD 7.125% 144A 04-04-2026
Fixed Income	450,000	556,303.06	KRAFT FOODS GROUP 6.875% DUE 01-26-2039
Fixed Income	200,000	222,037.55	KRAFT HEINZ FOODS 2.25% GTD SNR 25/05/28EUR
Fixed Income	500,000	503,939.25	KRAFT HEINZ FOODS 3% DUE 06-01-2026
Fixed Income	7,345,000	7,584,208.07	KRAFT HEINZ FOODS 3.75% DUE 04-01-2030
Fixed Income	355,000	370,970.89	KRAFT HEINZ FOODS 3.875% DUE 05-15-2027
Fixed Income	1,630,000	1,767,685.53	KRAFT HEINZ FOODS 5.2% DUE 07-15-2045
Fixed Income	560,000	783,443.76	KROGER CO 5.4% DUE 01-15-2049
Fixed Income	325,000	414,904.24	KROGER CO 5.4% DUE 07-15-2040
Fixed Income	160,000	183,355.24	KROGER CO FIXED 3.95% DUE 01-15-2050
Fixed Income	1,000,000	950,130.00	KRONOS ACQUISITION HLDGS INC KRONOS ACQUISITION LOAN DUE 08-26-2022 BEO
Fixed Income	689,807	688,296.63	KRONOS INCORPORATED TERM LOAN DUE 11-01-2023 BEO
Fixed Income	400,000	433,868.00	KUNLUN ENERGY CO 3.75% DUE 05-13-2025
Fixed Income	707,000	600,402.05	LA FINANCIERE ATAL 4% GTD SNR 15/05/2024EUR
Fixed Income	350,000	426,040.87	LAB CORP AMER 4.7% DUE 02-01-2045
Fixed Income	475,000	604,223.85	LADBROKES GROUP F1 5.125% GTD SNR 08/09/23 GBP
Fixed Income	330,000	264,000.00	LADDER CAP FIN 4.25% DUE 02-01-2027
Fixed Income	600,000	582,777.80	LAS VEGAS SANDS 2.9% DUE 06-25-2025
Fixed Income	459,102	392,532.25	LATAM AIR 2015-1 PTT A 4.2% DUE 08-15-2029
Fixed Income	1,200,000	1,274,124.38	LAZARD GROUP LLC 3.75% DUE 02-13-2025
Fixed Income	0	(1,612,236.48)	LCH_IRS LCH_WFBIUS USD P 1.5%/R 3M LIBOR 06/21/2027 SWU00KJ11
Fixed Income	0	(3,379,179.00)	LCH_IRS WFBIUS6S 06/20/2028 USD P 2.25% / R 3MLIBOR SWU00NBNS5
Fixed Income	0	(129,371.37)	LCH_IRS WFBIUS6S 16/12/2022 JPY P 0.3% / R 6MLIBOR SWU012M08
Fixed Income	0	96,498.26	LCH_IRS WFBIUS6S 16/12/2025 GBP P 6MLIBOR / R 0.5% SWU0126Y2
Fixed Income	460,000	466,325.00	LEADER GOAL INTL LTD 4.25% 31/12/2049
Fixed Income	1,080,727	945,970.76	LEARNING CARE GROUP, INC.- TERM LOAN B SENIOR SECURED 02-27-2025
Fixed Income	15	14.61	LEHMAN XS TR SER 2006-18N MTG PASSTHRU CTF CL A5A 12-25-2036/07-25-2019 REG
Fixed Income	527,468	469,816.39	LEHMAN XS TR SER FLTG RT .39663% DUE 08-25-2046
Fixed Income	110,000	123,909.50	LEIDOS INC 4.375% DUE 05-15-2030

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Fixed Income	260,000	245,421.80	LEVEL 3 FINANCING INC TERM LOAN B DUE 03-01-2027
Fixed Income	475,000	485,093.75	LEVEL 3 FING INC 5.375% DUE 05-01-2025
Fixed Income	539,000	614,467.62	LEVI STRAUSS & CO 3.375% SNR 15/03/2027 EUR
Fixed Income	450,000	346,752.80	LHMC FINCO 2 S.A 7.25% PIK 02/10/2025 EUR
Fixed Income	250,000	252,252.50	LIGHT SERVICOS ENERGIA 7.25% 05-03-2023
Fixed Income	107,663	126,934.36	LIMA METRO LINE 2 FINANCE LTD 5.875% 05/07/2034
Fixed Income	900,000	929,646.78	LINCOLN FINANCING 3.625% GTD 01/04/2024 EUR
Fixed Income	567,000	590,758.07	LINCOLN FINANCING SARL FLTG RT 01/04/2024
Fixed Income	300,000	298,596.00	LQUID TELECOMMUNI 8.5% GTD 13/07/2022 USD
Fixed Income	330,000	436,643.07	LITTON INDS INC 7.75% DUE 03-15-2026
Fixed Income	1,050,000	1,081,500.00	LIVE NATION ENTMT 6.5% DUE 05-15-2027
Fixed Income	279,000	328,338.98	LKO EUROPEAN HOLDI 4.125% SNR 01/04/2028EUR
Fixed Income	200,000	248,564.91	LLOYDS BANK CORP 1.5% SNR EMTN 23/06/23 GBP
Fixed Income	200,000	250,745.99	LLOYDS BANK CORP 1.75% SNR EMTN 11/07/24GBP
Fixed Income	2,000,000	2,272,615.47	LLOYDS BANKING GP 1% SNR EMTN 09/11/2023EUR
Fixed Income	2,500,000	3,163,710.58	LLOYDS BANKING GP 7.625% UNDATED NTS GBP20000
Fixed Income	435,000	451,225.50	LLOYDS BANKING GROUP PLC 7.5 04-30-2049
Fixed Income	615,000	638,185.50	LLOYDS BANKING GROUP PLC FORMERLY LLOYDS 7.5% 12-31-2049
Fixed Income	600,000	651,900.03	LLOYDS BKG GROUP 4.05% DUE 08-16-2023
Fixed Income	550,000	572,363.47	LLOYDS BKG GROUP FLTG RT 2.907% DUE 11-07-2023
Fixed Income	900,000	1,019,062.34	LLOYDS BKG GROUP PLC 5.125% 31/12/2049
Fixed Income	800,000	864,533.38	LOEWS CORP 3.2% 05-15-2030
Fixed Income	51,022	44,167.63	LONG BEACH MTG LN TR 2004-4 ASSET BKD CTF CL I-A1 FLTG RATE 10-25-2034 REG
Fixed Income	2,500,000	2,769,900.00	LONG ISLAND PWR AUTH N Y ELEC SYS REV 3.983% 09-01-2025 BEO TAXABLE
Fixed Income	170,000	170,000.00	LOS ANGELES CALIF DEPT WTR & PWR REV 7.003% 07-01-2041 BEO TAXABLE
Fixed Income	1,050,000	1,490,842.50	LOS ANGELES CNTY CALIF PUB WKS FING AUTHLEASE REV 7.488% 08-01-2033 BEO TAXABLE
Fixed Income	250,000	418,872.50	LOS ANGELES CNTY CALIF PUB WKS FING AUTHLEASE REV 7.618% 08-01-2040 BEO TAXABLE
Fixed Income	842,439	745,558.42	LOWER CADENCE HOLDINGS LLC TERM LOAN DUE 05-22-2026 BEO
Fixed Income	90,000	103,211.39	LOWES COS INC 3.65% DUE 04-05-2029
Fixed Income	911,000	813,083.82	LOXAM SAS 5.75% SUB 15/07/2027 EUR
Fixed Income	736,601	701,612.57	LSF10 XL BIDCO S.C.A. TEKNI-PLEX, INC. TERM LOAN DUE 10-04-2024 BEO
Fixed Income	881,063	723,572.91	LUCID ENERGY GROUP II LLC TERM BANK LOAN DUE 02-17-2025
Fixed Income	150,000	147,525.00	LUMMUS HSG DEV INC/FERNANDO DEV INC/TERM LOAN B DUE 06-16-2027 BEO
Fixed Income	637,670	609,573.93	LUMOS NETWORKS OPERATING COMPANY TERM LOAN SENIOR SECURED 11-15-2024
Fixed Income	930,000	1,003,572.13	LYB INT FINANCE II 0.875% GTD SNR 17/09/26 EUR
Fixed Income	115,000	113,115.15	M & T BK CORP FIXED 5% 12-31-2040
Fixed Income	300,000	313,075.50	MAF SUKUK LTD 4.638% 14/05/2029
Fixed Income	285,000	302,025.90	MANULIFE FINL CORP 4.061% DUE 02-24-2032
Fixed Income	3,115,000	3,064,736.80	MARATHON OIL CORP 4.4% DUE 07-15-2027
Fixed Income	4,000,000	4,477,835.92	MARATHON PETE CORP 4.7% DUE 05-01-2025 REG
Fixed Income	355,000	353,672.30	MARB BONDCO PLC 6.875% GTD SNR 19/01/25 USD
Fixed Income	100,000	124,214.87	MARKS & SPENCER 3% SNR EMTN 08/12/2023 GBP
Fixed Income	126,000	153,206.31	MARKS & SPENCER 3.25% SNR EMTN 10/07/27 GBP
Fixed Income	600,000	779,485.93	MARKS & SPENCERS BNDS 6.125% 06/12/2021
Fixed Income	280,000	290,532.26	MARRIOTT INTL INC NEW 4.625% DUE 06-15-2030 REG
Fixed Income	145,000	157,521.80	MARRIOTT INTL INC NEW 5.75% DUE 05-01-2025 REG
Fixed Income	108,629	101,704.01	MARRIOTT OWNERSHIP RESORTS, INC. 2019 REFINANCING TERM LOAN 08-29-2025
Fixed Income	40,000	45,210.00	MASSACHUSETTS ST PORT AUTH SPL FACS REV 6.202% 07-01-2031 BEO TAXABLE
Fixed Income	1,185,000	876,900.00	MATADOR RES CO FIXED 5.875% 09-15-2026
Fixed Income	25,000	23,295.75	MATTERHORN MERGER 8.5% DUE 06-01-2026
Fixed Income	300,000	325,720.70	MATTERHORN TELECOM 3.125% 15/09/2026
Fixed Income	500,000	520,969.36	MCCORMICK & CO INC 2.7% DUE 08-15-2022
Fixed Income	300,000	102,939.00	MCDERMOTT INTL INC MCDERMOTT INTL INC 03-21-2025 05-09-25
Fixed Income	300,000	438,723.05	MCDONALDS CORP MEDIUM TERM NTS BOOK ENTRY SR NT 6.3% DUE 03-01-2038
Fixed Income	867,250	773,587.31	MEDALLION MIDLAND ACQUISITION LLC TERM LOAN SENIOR SECURED 10-30-2024
Fixed Income	200,000	215,086.00	MEGLOBAL CDA ULC 5% DUE 05-18-2025
Fixed Income	225,000	227,264.18	MELCO RESORTS FIN 5.625% SNR 17/07/2027 USD
Fixed Income	400,000	399,259.86	MELCO RESORTS FINANCE LIMITED 5.375% DUE12-04-2029 BEO
Fixed Income	300,000	303,018.91	MELCO RESORTS FINANCE LIMITED 5.625% DUE07-17-2027
Fixed Income	850,000	868,887.00	MERCEDES BENZ AUTO 1.94% DUE 03-15-2024
Fixed Income	600,000	601,200.48	MERCEDES-BENZ AUTO RECEIVABLES TR 20-1 CL A4 1 .77% DUE 10-15-2026
Fixed Income	365,000	368,650.00	MERITOR INC 6.25% DUE 06-01-2025
Fixed Income	100,000	90,250.00	METLIFE INC FLTG RT 3.88838% DUE 12-29-2049
Fixed Income	200,000	153,697.50	METRO INC 3.413% SNR 28/02/50 CAD1'1"
Fixed Income	15,000	15,000.00	METROPOLITAN WTR DIST SOUTHN CALIF WTRWKS REV 6.947% 07-01-2040 BEO TAXABLE
Fixed Income	5,426	5,425.65	Mexican peso - Cash
Fixed Income	0	-	Mexican peso - Cash (externally held)
Fixed Income	-2,900	(2,900.00)	Mexican peso - Cash Collateral Due to/from CCP Broker
Fixed Income	0	5,932,846.31	Mexican peso - Pending foreign exchange purchases
Fixed Income	0	(2,474,499.70)	Mexican peso - Pending foreign exchange sales
Fixed Income	0	(120,912.94)	Mexican peso - Pending trade purchases
Fixed Income	50,000	241,221.27	MEXICO(UTD MEX ST) 7.5% GTD SNR 03/06/2027 MXN
Fixed Income	0	0.25	MFO PIMCO PAPS ASSET BACKED SECURITIES
Fixed Income	1,508,076	15,101,869.24	MFO PIMCO SHORT TERM FLOATING NAV II
Fixed Income	700,000	717,500.00	MGM GROWTH PPTYS OPER PRTN/5.75% DUE 02-01-2027 REG
Fixed Income	2,771,501	2,662,220.98	MH SUB I, LLC TERM LOAN B SENIOR SECURED 09-13-2024 BEO
Fixed Income	810,925	774,433.38	MHI HOLDINGS LLC TERM LOAN B SENIOR SECURED 09-20-2026
Fixed Income	300,000	305,778.60	MHP LUX S.A. 6.95% GTD SNR 03/04/26 USD
Fixed Income	545,000	548,468.00	MICROCHIP TECH INC 4.25% DUE 09-01-2025
Fixed Income	1,395,000	1,422,187.11	MICROCHIP TECH INC FIXED 3.922% DUE 06-01-2021
Fixed Income	125,000	152,467.05	MICROSOFT CORP 3.5% DUE 02-12-2035
Fixed Income	409,000	527,378.24	MICROSOFT CORP 4.1% DUE 02-06-2037
Fixed Income	650,000	861,927.69	MIDAMERICAN ENERGY 4.8% DUE 09-15-2043
Fixed Income	977,000	1,230,724.24	MILLER HOMES 5.5% 15/10/2024
Fixed Income	200,000	205,750.00	MILLICOM INTERNATIONAL CELLULAR 6.0% 15/03/2025
Fixed Income	300,000	301,560.00	MILLICOM INTL 5.125% 15/01/2028
Fixed Income	700,000	747,250.00	MILLICOM INTL CELL 6.25% SNR 25/03/2029 USD
Fixed Income	200,000	212,940.00	MILLICOM INTL CELL 6.625% SNR 15/10/2026USD
Fixed Income	650,000	659,750.00	MINEJESA CAP BV 4.625% DUE 08-10-2030
Fixed Income	355,000	357,662.50	MINERVA LUXEMBOURG 6.5% DUE 09-20-2026
Fixed Income	1,100,000	1,108,250.00	MINERVA LUXEMBOURG 6.5% GTD SNR 20/09/2026 USD

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Fixed Income	200,000	214,300.00	MINSUR SA	6.25 02-07-2024
Fixed Income	375,000	493,342.50	MISSOURI ST HWYS & TRANSN COMMN ST RD	REV 5.445% 05-01-2033 BEO TAXABLE
Fixed Income	500,000	569,372.40	MITSUBISHI UFJ 3.751% DUE 07-18-2039	
Fixed Income	3,500,000	3,635,375.70	MITSUBISHI UFJ FINL GROUP INC 2.623% DUE07-18-2022	
Fixed Income	300,000	330,107.05	MIZUHO FINL GP 0.118% SNR 06/09/2024 EUR	
Fixed Income	1,249,000	1,301,289.14	MIZUHO FINL GROUP 2.555% DUE 09-13-2025	
Fixed Income	1,700,000	1,839,047.23	MIZUHO FINL GROUP INC 3.922%	09-11-2024
Fixed Income	400,000	424,760.00	MMK INTL CAP 4.375% DUE 06-13-2024	
Fixed Income	2,100,000	2,259,527.52	MMS USA INVTS 1.75% GTD SNR 13/06/31 EUR	
Fixed Income	270,000	356,457.47	MN MNG & MFG CO 6.375% DUE 02-15-2028	
Fixed Income	450,000	489,885.15	MOLSON COORS 1.25% DUE 07-15-2024	
Fixed Income	250,000	250,827.84	MONG DUONG FIN HLDGS B V 5.125%	05-07-2029
Fixed Income	300,000	258,449.34	MONTRAL(CITY OF) 3.5% SNR 01/12/2038 CAD1	
Fixed Income	100,000	107,246.75	MOODY'S CORP 3.25% DUE 05-20-2050 REG	
Fixed Income	550,000	533,500.00	MOOG INC 4.25% DUE 12-15-2027	
Fixed Income	3,994,000	4,731,504.11	MORGAN STANLEY 1.75% SNR MTN 30/01/25 EUR	
Fixed Income	300,000	403,161.21	MORGAN STANLEY 2.625% SNR MTN 09/03/27 GBP	
Fixed Income	400,000	424,122.12	MORGAN STANLEY 3.125% DUE 01-23-2023	
Fixed Income	1,550,000	1,750,013.71	MORGAN STANLEY 3.625% DUE 01-20-2027	
Fixed Income	300,000	341,549.24	MORGAN STANLEY 3.772% DUE 01-24-2029	
Fixed Income	400,000	442,310.59	MORGAN STANLEY 3.875% DUE 04-29-2024	
Fixed Income	700,000	793,692.36	MORGAN STANLEY 4% DUE 07-23-2025	
Fixed Income	5,000,000	5,437,314.05	MORGAN STANLEY 4.875% DUE 11-01-2022	
Fixed Income	300,000	451,452.10	MORGAN STANLEY 7.25% DUE 04-01-2032	
Fixed Income	480,960	486,924.22	MORGAN STANLEY ABS CAP I INC 2005-WMC3 CL M-4 VAR RT 03-25-2035 REG	
Fixed Income	918,741	912,301.45	MORGAN STANLEY ABS CAP I INC SER 2005-HE2 CL M-1 FLTG RT 1-25-2035 REG	
Fixed Income	600,652	623,795.35	MORGAN STANLEY BK 3.326% DUE 12-15-2047	
Fixed Income	1,500,000	1,624,310.10	MORGAN STANLEY BK 3.372% DUE 10-15-2048	
Fixed Income	65,000	67,678.60	MORGAN STANLEY FLTG RT 2.188% DUE 04-28-2026	
Fixed Income	3,380,000	3,580,386.61	MORGAN STANLEY FLTG RT 2.699% DUE 01-22-2031	
Fixed Income	835,000	834,485.13	MOTION BONDCO 4.5% 15/11/2027	
Fixed Income	1,970,000	1,832,100.00	MPH ACQSTN HLDGS 7.125% DUE 06-01-2024	
Fixed Income	2,055,000	1,949,681.25	MPH ACQUISITION HOLDINGS LLC. DUE 06-07-2023 BEO	
Fixed Income	3,200,000	3,200,602.94	MPLX LP 4.5% 04-15-2038	
Fixed Income	50,000	55,411.30	MPLX LP 5.5% DUE 02-15-2049	
Fixed Income	2,460,000	2,552,250.00	MPT OPER 5.25% DUE 08-01-2026	
Fixed Income	100,000	124,349.67	MPT OPER GTD SR NT 3.692% 05/06/2028	
Fixed Income	100,000	123,379.73	MPT OPER PARTNERS. 2.55% GTD SNR 05/12/23 GBP	
Fixed Income	265,000	316,457.78	MPT OPER PARTNERS. 3.325% GTD SNR 24/03/25 EUR	
Fixed Income	610,000	619,150.00	MPT OPER PARTNERSHIP L P 5.5 DUE 05-01-2024	
Fixed Income	617,132	567,761.80	MRC GLOBAL (US) INC (FKA MCJUNKIN RED MAN CORPORATION) 09-20-2024	
Fixed Income	330,000	295,350.00	MURPHY OIL CORP 5.75% DUE 08-15-2025	
Fixed Income	550,000	484,000.00	MURPHY OIL CORP 5.875% DUE 12-01-2027	
Fixed Income	900,000	929,250.00	MURPHY OIL USA INC FIXED 5.625% DUE 05-01-2027	
Fixed Income	243,785	231,566.50	MV24 CAP B V FIXED 6.748% 06-01-2034	
Fixed Income	585,084	555,759.59	MV24 CAP B V FIXED 6.748% DUE 06-01-2034	
Fixed Income	682,598	648,386.19	MV24 CAPITAL BV 6.748% GTD 01/06/2034 USD	
Fixed Income	3,665,000	4,210,842.53	MYLAN INC FORMERLY FIXED 4.55% DUE 04-15-2028	
Fixed Income	800,000	903,520.00	MYRIAD INTL HLDGS 5.5% DUE 07-21-2025	
Fixed Income	200,000	241,680.00	N.J ECON DEV AUTH ST PENSION FDG REV SER A 7.425 BD 2-15-29 BEO TXBL	
Fixed Income	300,000	335,172.35	NARRAGANSETT ELEC 3.395% DUE 04-09-2030	
Fixed Income	2,090,000	2,435,325.94	NATIONWIDE B/S 1.5%-FRN 08/03/2026 EUR	
Fixed Income	900,000	973,651.17	NATIONWIDE BLDG FLTG RT 4.363% DUE 08-01-2024	
Fixed Income	3,500	679,178.43	NATIONWIDE BUILDING SOCIETY VAR RT 29/06/2049	
Fixed Income	535,000	841,843.05	NATL RURAL UTILS 8% DUE 03-01-2032	
Fixed Income	150,000	192,835.55	NATWEST MARKETS PL 2.875%-FRN SNR 19/09/26 GBP	
Fixed Income	520,830	498,533.35	NAUTILUS POWER, LLC TLB SENIOR SECURED FIRST LIEN DUE 04-26-2024 BEO	
Fixed Income	1,211,963	1,160,454.09	NAVICURE INC TERM LOAN B DUE 09-03-2026 BEO	
Fixed Income	600,000	589,500.00	NAVIENT CORP 6.5% DUE 06-15-2022	
Fixed Income	400,000	392,000.00	NAVENT CORP 6.625% DUE 07-26-2021	
Fixed Income	381,000	481,967.48	NBD BK N A DET MICH 8.25 BD DUE 11-01-2024 PUTABLE 11-1-2004 @100	
Fixed Income	300,000	299,655.00	NBK TIER 1 FINANCI 5.75%-FRN GTD T1 PERPUSD	
Fixed Income	244,000	247,586.80	NBM US HLDGS INC 6.625% DUE 08-06-2029	
Fixed Income	800,000	801,448.00	NBM US HLDGS INC FIXED 7% 05-14-2026	
Fixed Income	893,250	860,869.69	NCR CORPORATION TERM BANK LOAN 08-07-2026 BEO	
Fixed Income	77,831	79,387.15	NEIMAN MARCUS GROUP LTD INC DIP TERM LOAN DUE 10-07-2020 BEO	
Fixed Income	297,750	75,330.75	NEIMAN MARCUS GROUP LTD LLC TERM LOAN 10-25-2023 BEO	
Fixed Income	99,837	20,216.92	NEIMAN MARCUS GROUP LTD LLC TERM LOAN 10-25-2023 BEO	
Fixed Income	250,000	246,877.50	NEMAK SAB DE CV FIXED 4.75% DUE 01-23-2025	
Fixed Income	994,950	811,988.24	NEP/NCP HOLDCO, INC. TERM LN SENIOR SECURED 10-20-2025	
Fixed Income	625,000	711,718.75	NETFLIX INC 5.875% DUE 11-15-2028	
Fixed Income	145,000	181,242.31	NETFLIX INC FIXED 4.625% DUE 06-15-2030	
Fixed Income	650,000	695,025.50	NETFLIX INC FIXED 4.875% DUE 04-15-2028	
Fixed Income	410,000	475,600.00	NETFLIX INC FIXED 6.37% 05-15-2029	
Fixed Income	3,200,000	3,752,255.57	NETFLIX INC MTN 3.625% 15/05/2027	
Fixed Income	500,000	484,000.00	NETWORK 121 LTD 5.65% 31/12/2049	
Fixed Income	727,500	550,171.88	NEUQUEN PROV ARGENTINA SECD NT SER 1 TRANCHE 1 144A 8.625% DUE 05-12-2028 BEO	
Fixed Income	450,000	577,762.26	NEVADA PWR CO 5.375% DUE 09-15-2040	
Fixed Income	36,058	36,058.03	New Israeli shekel - Cash	
Fixed Income	750,000	992,310.00	NEW JERSEY ECON DEV AUTH ST PENSION FDG REV VAR RT DUE 02-15-2029 BEO TAXABLE	
Fixed Income	300,000	213,921.77	NEW SOUTH WALES 2.0% 08/03/2013	
Fixed Income	193,862	193,861.51	New Taiwan dollar - Cash	
Fixed Income	0	(223,833.08)	New Taiwan dollar - Pending trade purchases	
Fixed Income	450,000	565,850.25	NEW YORK LIFE GLOB 1.25% SNR SEC 17/12/26 GBP	
Fixed Income	85,000	86,057.40	NEW YORK N Y 5.817% 10-01-2031 BEO TAXABLE	
Fixed Income	450,000	452,083.50	NEW YORK N Y 6.246% 06-01-2035 BEO TAXABLE	
Fixed Income	2,500,000	2,711,475.00	NEW YORK N Y CITY TRANSITIONAL FIN AUTH REV 4.525% 11-01-2022 BEO TAXABLE	
Fixed Income	150,000	185,611.50	NEW YORK N Y CITY TRANSITIONAL FIN AUTH REV 5.267% 05-01-2027 BEO TAXABLE	
Fixed Income	5,280,000	5,346,158.40	NEW YORK N Y CITY TRANSITIONAL FIN AUTH REV 5.932 11-01-2036 BEO TAXABLE	
Fixed Income	100,000	114,913.00	NEW YORK ST DORM AUTH REV'S NON ST SUPPORTED DEBT 0% 07-01-2048 REG TAXABLE	
Fixed Income	1,290,000	1,480,997.40	NEW YORK ST DORM AUTH ST PERS INCOME TAXREV 4% 02-15-2047 BEO	

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Fixed Income	1,400,000	1,770,720.00	NEW YORK ST DORM AUTH ST PERS INCOME TAXREV 5.289% 03-15-2033 BEO TAXABLE
Fixed Income	430,000	533,888.00	NEW YORK ST DORM AUTH ST PERS INCOME TAXREV 5.5% 03-15-2030 BEO TAXABLE
Fixed Income	110,000	125,750.90	NEW YORK ST TWY AUTH SECOND GEN HWY & BRDG TR FD 5.449% 04-01-2025 BEO TAXABLE
Fixed Income	1,290,000	1,488,195.60	NEW YORK ST URBAN EEV CORP ST SALES TAX REV 4% 03-15-2043 BEO
Fixed Income	2,468	2,467.95	New Zealand dollar - Cash
Fixed Income	0	4,298,987.37	New Zealand dollar - Pending foreign exchange purchases
Fixed Income	0	(17,047,500.36)	New Zealand dollar - Pending foreign exchange sales
Fixed Income	320,000	335,132.80	NEWELL BRANDS INC 4.875% DUE 06-01-2025
Fixed Income	1,505,797	1,772,021.39	NEWGATE FUND,PLC FRN M/BKU 12/2050 GBP 'A3A'
Fixed Income	200,000	202,600.00	NEXA RES S A 6.5% 01-18-2028
Fixed Income	1,125,000	1,252,550.95	NIDDA BONDCO GMBH 5.0% 30/09/2025
Fixed Income	500,000	555,591.43	NIDDA HEALTHCARE H 3.5% GTD 30/09/2024 EUR
Fixed Income	3,038,382	2,925,201.91	NIELSEN FINANCE LLC (VNU, INC.) TL B4 10-04-2023
Fixed Income	1,000,000	1,112,266.71	NIELSEN FINANCE LLC VNU INC TERM LOAN B3 DUE 06-06-2025 BEO
Fixed Income	200,000	229,082.35	NISOURCE INC 3.6% DUE 05-01-2030
Fixed Income	700,000	713,692.56	NISSAN AUTO 1.38% DUE 12-16-2024
Fixed Income	940,000	953,803.43	NISSAN AUTO LEASE FIXED 2.27% DUE 07-15-2022
Fixed Income	250,000	269,035.83	NORDSTROM INC 8.75% DUE 05-15-2025
Fixed Income	285,000	419,274.88	NORFOLK SOUTN 7.25% DUE 02-15-2031
Fixed Income	0	(1,129,191,855.88)	Northern Trust operating cash
Fixed Income	483	482.52	Norwegian krone - Cash
Fixed Income	0	15,479,357.27	Norwegian krone - Pending foreign exchange purchases
Fixed Income	500,000	386,618.94	NOVA SCOTIA(PROV) 2% BDS 01/09/2030 CAD'1E'
Fixed Income	185,669	185,284.37	NOVASTAR MTG FDG FLTG RT .84663% DUE 01-25-2036
Fixed Income	300,000	315,217.48	NTPC LTD 4.75% 03/10/2022
Fixed Income	155,000	162,730.22	NUCOR CORP FIXED 2.7% DUE 06-01-2030
Fixed Income	860,000	1,003,089.25	NVIDIA CORP 3.5% DUE 04-01-2040
Fixed Income	190,000	225,594.87	NVIDIA CORP FIXED 3.7% DUE 04-01-2060
Fixed Income	370,000	386,724.02	NVR INC 3% DUE 05-15-2030
Fixed Income	252,000	281,989.91	NXP B V / NXP FDG 3.875% DUE 06-18-2026
Fixed Income	475,000	485,792.00	NY N Y CY MUN WTR FIN AUTH WTR & TAXA-2ND GEN RESOL 6.282 06-15-2042
Fixed Income	75,000	76,867.50	NY N Y TAXABLE-BUILD AMER BDS-F 1.646 DUE 12-01-2031/12-01-2020 BEO
Fixed Income	325,000	380,590.95	O REILLY FIXED 4.2% DUE 04-01-2030
Fixed Income	1,600,000	1,606,000.00	OCCIDENTAL PETE 8% DUE 07-15-2025
Fixed Income	1,480,000	1,478,150.00	OCCIDENTAL PETE 8.875% DUE 07-15-2030
Fixed Income	2,800,000	2,606,660.00	OCCIDENTAL PETE FIXED 2.7% DUE 08-15-2022
Fixed Income	3,075,000	2,627,526.00	OCCIDENTAL PETE FIXED 2.9% DUE 08-15-2024
Fixed Income	3,241,000	2,371,115.60	OCCIDENTAL PETROLEUM CORP 3.5% DUE 08-15-2029/08-08-2019 REG
Fixed Income	700,000	490,000.00	OCEANEERING INTL 6% DUE 02-01-2028
Fixed Income	400,000	416,235.20	OCP S A 4.5% DUE 10-22-2025
Fixed Income	500,000	540,405.00	OFFICE CHERIFIEN DES PHO BNDS 5.625% 25/04/2024
Fixed Income	50,000	62,400.57	OGLETHORPE PWR 6.191% DUE 01-01-2031
Fixed Income	125,000	134,202.02	OHIO PWR CO 2.6% DUE 04-01-2030
Fixed Income	200,000	166,500.00	OI SA 10% PIK 27/07/2025 USD
Fixed Income	1,145,000	1,053,422.90	OLIN CORP 5.625% DUE 08-01-2029
Fixed Income	159,598	152,815.08	ON SEMICONDUCTOR CORPORATION FIRST LIEN TERM LOAN DUE 09-13-2026 BEO
Fixed Income	1,600,000	1,620,733.02	ONCR ELEC 5.75% DUE 09-30-2020
Fixed Income	800,000	831,422.73	ONEBEACON U S HLDG INC GTD SR NT 4.6 11-09-2022
Fixed Income	1,800,000	1,893,627.59	ONEOK INC NEW 4.35% 03-15-2029
Fixed Income	800,000	835,121.30	ONEOK INC NEW 4.55% DUE 07-15-2028
Fixed Income	40,000	45,654.54	ONEOK INC NEW 5.85% DUE 01-15-2026 REG
Fixed Income	40,000	48,212.00	OR SCH BRDS ASSN TAXABLE-PENSION-SER B 5.55 DUE 06-30-2028 BEO
Fixed Income	1,000,000	1,227,690.00	OR SCH BRDS ASSN TAXABLE-PENSION-SER B 5.68 DUE 06-30-2028 REG TAXABLE
Fixed Income	165,000	176,718.65	ORACLE CORP 2.5% DUE 04-01-2025 REG
Fixed Income	2,500,000	2,954,056.43	ORACLE CORP 4% DUE 07-15-2046
Fixed Income	1,400,000	1,507,549.70	ORANGE 0.5% SNR EMTN 04/09/32 EUR
Fixed Income	200,000	216,371.93	ORANGE 1.375% 04/09/2049
Fixed Income	3,600,000	4,513,823.17	ORANGE SA 5.25% 29/12/2049
Fixed Income	500,000	493,755.00	ORAZUL ENERGY FIXED 5.625% DUE 04-28-2027
Fixed Income	2,595,000	3,316,217.25	ORSTED A/S 6.25%-FRN SUB 26/06/13 EUR
Fixed Income	345,000	350,685.60	ORTHO CLINICAL 7.25% DUE 02-01-2028
Fixed Income	265,000	269,637.50	ORTHO CLINICAL 7.375% DUE 06-01-2025
Fixed Income	2,943,663	2,746,820.70	ORTHO-CLINICAL DIAGNOSTICS S.A. TERM LOAN B 06-30-2025
Fixed Income	170,000	170,000.00	OTC DERIV CASH COLLATERAL REC FROM STANDARD CHARTERED BANK,
Fixed Income	665,000	665,000.00	OTC DERIVATIVE CASH COLL RECEIVABLE FROMCITIBANK
Fixed Income	20,000	20,000.00	OTC DERIVATIVE CASH COLL RECEIVABLE FROMHSBC
Fixed Income	400,000	400,000.00	OTC DERIVATIVE CASH COLLATERAL RECEIVABLE FROM STANDARD CHARTERED
Fixed Income	650,000	650,000.00	OTC DERIVATIVE CASH COLLATERAL RECEIVABLE FROM USD GSAMUS33
Fixed Income	400,000	397,000.80	OZTEL HLDGS SPC 6.625% 24/04/2028
Fixed Income	300,000	301,552.50	OZTEL HOLDINGS SPC 5.625% 24/10/2023
Fixed Income	450,000	434,916.00	PAC GAS & ELEC CO 3.5% DUE 08-01-2050
Fixed Income	75,000	74,223.75	PAC GAS & ELEC CO FIXED 2.1% DUE 08-01-2027
Fixed Income	3,185,000	3,115,981.05	PACIFIC GAS & ELEC CO 2.5% DUE 02-01-2031/06-19-2020 REG
Fixed Income	3,125,000	3,109,375.00	PACIFIC GAS AND ELECTRIC CO TERM LOAN 12-31-2020
Fixed Income	200,000	217,885.30	PACIFICORP 2.7% DUE 09-15-2030
Fixed Income	300,000	328,368.37	PACIFICORP FIXED 3.3% DUE 03-15-2051
Fixed Income	310,000	315,862.10	PALM BEACH CNTY FLA PUB IMPT REV 2% 11-01-2028 BEO TAXABLE
Fixed Income	362,000	307,732.58	PAMPA ENERGIA SA 0.0% 21/07/2023
Fixed Income	500,000	537,250.00	PANAMA REP GLOBAL BD TBOND 3.16% 01-23-2030
Fixed Income	1,828,719	1,737,282.73	PANTHER BF AGGREGATOR 2 LP TERM LOAN 04-30-2026 BEO
Fixed Income	575,000	640,474.28	PANTHER BF AGGREGATOR FIXED 4.375% 05-15-2026 BEO
Fixed Income	443,000	451,655.97	PAPREC HOLDING SA 4% GTD SNR SEC 31/03/25 EUR
Fixed Income	2,367,940	2,239,194.85	PAREXEL INTERNATIONAL CORPORATION TERM LOAN 09-27-2024 BEO
Fixed Income	630,000	620,550.00	PARSLEY ENERGY LLC 5.625% DUE 10-15-2027
Fixed Income	0	-	PARTY CITY HOLDINGS INC TERM BANK LOAN 08-19-2022
Fixed Income	458,000	497,722.98	PAYPAL HLDGS INC 2.65% DUE 10-01-2026
Fixed Income	720,000	655,200.00	PDC ENERGY INC 5.75% 05-15-2026
Fixed Income	477,570	458,466.84	PEARL INTERMEDIATE PARENT LLC DUE TERM LOAN 02-14-2025 BEO
Fixed Income	300,000	244,110.00	PEMEX PROJ FDG MASTER TR GTD BD 6.625% DUE 06-15-2035 REG
Fixed Income	935,000	932,662.50	PENSKE AUTOMOTIVE 5.5% DUE 05-15-2026
Fixed Income	570,000	588,525.00	PERFORMANCE FOOD 6.875% DUE 05-01-2025

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Fixed Income	200,000	202,142.77	PERRIGO FIN UNLTD FIXED 3.15% DUE 06-15-2030
Fixed Income	300,000	235,875.00	PERU LNG S.R.L. 5.375% 22/03/2030
Fixed Income	118,114	118,114.48	Peruvian nuevo sol - Cash
Fixed Income	0	4,328,378.70	Peruvian nuevo sol - Pending foreign exchange purchases
Fixed Income	0	(4,457,972.08)	Peruvian nuevo sol - Pending foreign exchange sales
Fixed Income	1,289,896	1,046,970.18	PETCO ANIMAL SUPPLIES INC. TERM LOAN B1 DUE 01-26-2023 BEO
Fixed Income	400,000	398,030.40	PETKIM 5.875% SNR 26/01/2023 USD
Fixed Income	400,000	525,258.51	PETROBRAS GLOB FIN 6.25% GTD SNR 14/12/26 GBP
Fixed Income	350,000	368,375.00	PETROBRAS GLOB FIN 6.9% GTD SNR 19/03/2049 USD
Fixed Income	416,000	492,297.32	PETROBRAS GLOBAL 4.75% 14/01/2025
Fixed Income	500,000	513,255.00	PETROBRAS GLOBAL 5.75% DUE 02-01-2029
Fixed Income	802,000	840,095.00	PETROBRAS GLOBAL 6.125% DUE 01-17-2022
Fixed Income	560,000	599,200.00	PETROBRAS GLOBAL 6.25% DUE 03-17-2024
Fixed Income	1,600,000	1,888,000.00	PETROBRAS GLOBAL 8.75% DUE 05-23-2026
Fixed Income	1,500,000	1,572,000.00	PETROBRAS GLOBAL FINANCE 5.999% 01-27-2028
Fixed Income	990,000	982,476.00	PETROBRAS GLOBAL FINANCE BNDS 6.85% DUE 06-05-2115 REG
Fixed Income	1,100,000	1,158,300.00	PETROBRAS INTL FIN CO 6.875% DUE 01-20-2040 REG
Fixed Income	900,000	785,250.00	PETROLEOS 4.5% DUE 01-23-2026
Fixed Income	200,000	222,000.00	PETROLEOS DEL PERU 4.75% SNR 19/06/2032 USD
Fixed Income	1,208,000	1,316,910.26	PETROLEOS MEXICANO 2.5% GTD SNR 21/08/2021 EUR
Fixed Income	200,000	190,200.00	PETROLEOS MEXICANO 3.5% GTD 30/01/2023 USD
Fixed Income	103,000	90,665.75	PETROLEOS MEXICANO 6.84% GTD SNR 23/01/30 USD
Fixed Income	1,750,000	1,460,410.00	PETROLEOS MEXICANO 7.69% GTD SNR 23/01/50 USD
Fixed Income	500,000	451,260.00	PETROLEOS MEXICANOS 6.5% 03-13-2027
Fixed Income	160,000	123,016.00	PETROLEOS MEXICANOS 6.75% DUE 09-21-2047
Fixed Income	1,275,000	946,878.75	PETROLEOS MEXICANOS FIXED 6.35% 02-12-2048
Fixed Income	200,000	459,541.97	PETROPAVLOVSK 2010 8.25% CNV GTD 03/07/24 USD
Fixed Income	500,000	524,375.00	PETROPAVLOVSK 2016 8.125% 14/11/2022
Fixed Income	400,000	394,352.00	PETSMART INC 7.125% 03-15-2023
Fixed Income	402,409	396,510.04	PETSMART INC. TERM LOAN B DUE 03-11-2022BEO
Fixed Income	86,189	78,398.66	PFD TERM SECs XII LTD / PFD TERM S SR NTCL A-1 3C7 DUE 12-24-2033 BEO
Fixed Income	1,000,000	981,250.00	PG&E CORPORATION TERM LOAN 06-23-2025
Fixed Income	140,000	176,545.60	PHIL PA AUTH FOR INDL DEV PENSION RET SYS-SER A 6.35 DUE 04-15-28 BEO TAXABLE
Fixed Income	2,000,000	2,148,309.76	PHILIP MORRIS INTL 2.875% DUE 05-01-2024
Fixed Income	300,000	391,963.75	PHILIP MORRIS INTL 2.875% SNR 14/05/2029EUR
Fixed Income	350,000	424,024.22	PHILIP MORRIS INTL 4.5% DUE 03-20-2042
Fixed Income	0	-	Philippine peso - Cash
Fixed Income	70,000	77,588.93	PHILLIPS 66 3.85% DUE 04-09-2025
Fixed Income	335,000	358,112.40	PHILLIPS 66 FIXED 3.7% DUE 04-06-2023
Fixed Income	200,000	201,200.00	PHOSAGRO BD FDG 3.05% DUE 01-23-2025
Fixed Income	434,726	414,441.43	PI UK HOLDCO II LIMITED TERM LOAN 01-03-2025 BEO
Fixed Income	186,000	201,450.27	PICARD BONDSCO S.A. FLTG RT 30/11/2023
Fixed Income	180,000	184,050.00	PICASSO FIN SUB 6.125% DUE 06-15-2025
Fixed Income	400,000	398,832.00	PILGRIMS PRIDE 5.75% DUE 03-15-2025
Fixed Income	0	-	PITNEY BOWES INC TERM LOAN DUE 01-17-2025
Fixed Income	140,000	121,822.68	PLAINS ALL AMERN 4.3% DUE 01-31-2043
Fixed Income	5,030,000	4,900,503.05	PLAINS ALL AMERN FIXED 3.55% DUE 12-15-2029
Fixed Income	200,000	193,626.53	PLAINS ALL AMERN PIPELINE L P / PAA FIN 5.15 DUE 06-01-2042 REG
Fixed Income	110,000	107,775.49	PLAINS ALL AMERN PIPELINE L P/PAA FIN 3.8% DUE 09-15-2030 REG
Fixed Income	903,000	950,005.33	PLANTIN 1426 GMBH BNDS 5.375% DUE 15/06/2023
Fixed Income	398,000	443,777.33	PLAYTECH PLC 4.25% GTD 07/03/2026 EUR
Fixed Income	667,875	666,205.31	PLAYTIKA HOLDING CORP. TERM B LOAN 12-10-2024
Fixed Income	3,016,990	2,862,369.07	PLY GEM HLDGS INC TERM LOAN 04-12-2025
Fixed Income	270,000	274,014.21	PNM RES INC 3.25% 03-09-2021
Fixed Income	1,794	1,794.10	Polish zloty - Cash
Fixed Income	0	-	Polish zloty - Recoverable taxes
Fixed Income	100,000	102,875.00	POLYONE CORP 5.75% DUE 05-15-2025
Fixed Income	300,000	320,664.00	POLYUS FIN PLC 4.7% DUE 01-29-2024
Fixed Income	500,000	553,780.00	PORT AUTH N Y & N J 5.31% 08-01-2046 BEOTAXABLE
Fixed Income	420,000	411,096.00	POST HLDGS INC 4.625% DUE 04-15-2030
Fixed Income	500,000	505,843.91	PPN HYUNDAI CAP AMER 3.45% 03-12-2021
Fixed Income	818,253	740,347.49	PRAIRIE ECI ACQUIROR LP TERM LOAN 03-06-2026
Fixed Income	255,000	170,342.55	PRECISION DRILLING 5.25% DUE 11-15-2024
Fixed Income	500,000	342,500.00	PRECISION DRILLING CORP 7.75% 12-15-2023
Fixed Income	345,000	337,237.50	PRESIDIO HLDGS INC 4.875% DUE 02-01-2027
Fixed Income	880,000	880,000.00	PRESIDIO HLDGS INC 8.25% DUE 02-01-2028
Fixed Income	1,230,000	1,182,854.10	PRESIDIO LLC FKA PRESIDIO INC TERM LOAN B 01-15-2027
Fixed Income	1,202,710	1,179,858.55	PRESTIGE BRANDS INC PRESTIGE BRANDS INC.TERM LOAN B4 DUE 01-26-2024 BEO
Fixed Income	455,000	499,325.77	PRICELINE GROUP 3.6% DUE 06-01-2026
Fixed Income	2,635,697	2,528,634.91	PRIME SECURITY SERVICES BORROWER, LLC DUE 09-13-2026 BEO
Fixed Income	550,000	591,701.30	PRIMERICA INC 4.75% DUE 07-15-2022
Fixed Income	400,000	493,718.84	PROCTER & GAMBLE 1.25% SNR 25/10/2029 EUR
Fixed Income	925,000	959,392.66	PROGRESS ENERGY 3.15% DUE 04-01-2022
Fixed Income	500,000	541,618.18	PROGRESS ENERGY 6.5% DUE 02-01-2042
Fixed Income	281,000	306,807.67	PROGROUP AG 3.0% 31/03/2026
Fixed Income	406,917	391,657.89	PROJECT ALPHA INTERMEDIATE HOLDING INC. TERM LOAN 04-26-2024
Fixed Income	421,765	404,189.65	PROJECT ALPHA INTERMEDIATE HOLDING, INC.TLB FIRST LIEN DUE 04-19-2024 BEO
Fixed Income	200,000	192,000.00	PROMERICA FINL 9.7% SNR SEC 14/05/2024 USD
Fixed Income	200,000	196,002.00	PROMIGAS S A E S P/GASES DEL 3.75% DUE 10-16-2029 BEO
Fixed Income	400,000	140,800.00	PROPERTIES FINANCE 8.25% 27/09/2021 8.25% 27/09/2021
Fixed Income	509,000	783,225.77	PROTECTIVE LIFE 8.45% DUE 10-15-2039
Fixed Income	1,480,000	1,634,361.44	PROVID HLTH & SVCS 4.379% DUE 10-01-2023
Fixed Income	740,000	753,780.92	PRUDENTIAL FINL 3% DUE 03-10-2040
Fixed Income	215,000	235,759.57	PRUDENTIAL FINL INC 3.7% DUE 03-13-2051 REG
Fixed Income	100,000	107,530.09	PRUDENTIAL PLC 3.125% DUE 04-14-2030
Fixed Income	300,000	420,962.89	PSEG PWR LLC 8.625% DUE 04-15-2031
Fixed Income	600,000	829,846.18	PSI ENERGY INC BD 6.12% DUE 10-15-2035 BEO
Fixed Income	500,000	512,821.89	PT BANK MANDIRI 3.75% SNR EMTN 11/04/24 USD
Fixed Income	800,000	663,985.28	PT BUKIT MAKMUR 7.75% DUE 02-13-2022
Fixed Income	800,000	842,000.00	PT PELABUHAN 4.25% DUE 05-05-2025
Fixed Income	70,000	69,475.00	PTC INC 3.625% DUE 02-15-2025

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Fixed Income	308,000	472,776.45	PUBLIC SVC CO COLO 6.5% DUE 08-01-2038
Fixed Income	1,720,000	1,833,205.98	PUGET ENERGY INC NEW 5.625 07-15-2022
Fixed Income	65,000	91,199.44	PUGET SOUND ENERGY 6.724% DUE 06-15-2036
Fixed Income	300,000	251,250.00	PUMA INTERNATIONAL 5% GTD SNR 24/01/2026USD
Fixed Income	600,000	508,500.00	PUMA INTERNATIONAL 5.125% SNR 06/10/2024USD
Fixed Income	-7,500,000	(5,710.50)	PUT SWO_CDX BNPAFRPP 08/19/2020 CDX.NA.IG.34 3175DM419
Fixed Income	-10,200,000	(5,355.00)	PUT SWO_CDX BNPAFRPP 08/19/2020 CDX.NA.IG.34 3175JJ733
Fixed Income	-10,300,000	(5,404.00)	PUT SWO_CDX GSILGB2X 08/19/2020 CDX.NA.IG.34 3175JJ725
Fixed Income	600,000	576,665.76	PVPTL ADANI PORTS & SPL ECONOMIC ZONE LTD 4.0% DUE 07-30-2027
Fixed Income	380,000	389,500.00	PVPTL COMMSCOPE FIN LLC SR NT 144A 6.0% 03-01-2026
Fixed Income	700,000	360,465.00	PVPTL DIGICEL LTD 6.75% DUE 03-01-2023 BEO
Fixed Income	865,000	842,674.35	PVPTL IRON MTN INC NEW 4.875% 09-15-2027
Fixed Income	650,000	640,484.00	PVPTL LIQUID TELECOMMUNICATIONS FING PLC 8.5% DUE 07-13-2022
Fixed Income	1,015,000	1,027,687.50	PVPTL LPL HLDGS INC 5.75% DUE 09-15-2025/03-10-2017
Fixed Income	600,000	618,300.00	PVPTL MEXICHEM SAB DE CV 4.0% DUE 10-04-2027/10-04-2017
Fixed Income	645,000	684,506.25	PVPTL MSCI INC 5.375% 05-15-2027
Fixed Income	625,000	621,875.00	PVPTL SIGMA HOLDCO B V 7.875% DUE 05-15-2026
Fixed Income	700,000	759,654.00	PVPTL SPRINT SPECTRUM CO LLC / SPRINT 4.738% 144A 03-20-2025 BEO
Fixed Income	1,400,000	1,433,166.00	PVPTL STARFRUIT US/STAR FI BV 8.0% 10-01-2026
Fixed Income	600,000	564,000.00	PVPTL TECPETROL S A 4.875% 12-12-2022
Fixed Income	700,000	439,250.00	PVPTL TULLOW OIL PLC 7.0% 03-01-2025
Fixed Income	790,000	833,450.00	PVPTL VIKING CRUISES LTD 13.0% 05-15-2025
Fixed Income	220,000	215,802.40	PVPTL VIPER ENERGY PARTNERS LP 5.375% DUE 11-01-2027
Fixed Income	2,800,000	3,099,060.75	PVPTL BNP PARIBAS SR NON PFD 4.705% 01-10-2025
Fixed Income	5,735,000	5,701,220.85	PVPTL 1011778 B C / NEW RED FIN INC 5.0% DUE 10-15-2025
Fixed Income	140,000	137,226.60	PVPTL 1011778 B C NEW RED FIN 144A 4.375% 01-15-2028
Fixed Income	110,000	115,500.00	PVPTL 1011778 B C UNLIMITED LIABILITY CO/NEW 5.75% DUE 04-15-2025
Fixed Income	400,000	400,708.00	PVPTL 1011778 BC ULC/NEW RED FIN INC 4.25% DUE 05-15-2024 BEO
Fixed Income	600,000	583,214.04	PVPTL 522 FDG CLO I LTD/522 FDG CLO I 144A 01-15-2033
Fixed Income	140,000	152,270.76	PVPTL ABBVIE INC 2.95% DUE 11-21-2026
Fixed Income	5,365,000	5,903,598.90	PVPTL ABBVIE INC 3.2% DUE 11-21-2029
Fixed Income	100,000	104,796.06	PVPTL ABBVIE INC 3.25% 10-01-2022
Fixed Income	55,000	64,320.29	PVPTL ABBVIE INC 4.05% DUE 11-21-2039
Fixed Income	600,000	557,428.60	PVPTL ADANI ELECTRICITY MUMBAI LTD SR SECD NT 144A 3.949% DUE 02-12-2030
Fixed Income	200,000	195,300.18	PVPTL ADANI PORTS & SPL ECONOMIC ZONE LTD SR NT 144A 4.375% DUE 07-03-2029 BEO
Fixed Income	650,000	658,261.50	PVPTL AEGEA FIN S A R L S A 5.75% DUE 10-10-2024/10-10-2017 BEO
Fixed Income	623,000	467,250.00	PVPTL AERCAP GLOBAL AVIATION TR 6.5% DUE 06-15-2045
Fixed Income	1,300,000	585,000.00	PVPTL AGFC CAP TR I AGFC CAP TRUST I CO GUARNT 6 DUE 01-15-2067/01-15-2017 BEO
Fixed Income	3,170,000	3,209,625.00	PVPTL AK AIRLS 2020-1 PASS-THRU TR 4.8% DUE 02-15-2029
Fixed Income	200,000	199,980.00	PVPTL AKBANK T A S 6.8% DUE 02-06-2026 BEO
Fixed Income	700,000	657,456.70	PVPTL AKER BP ASA 3.75% DUE 01-15-2030 BEO
Fixed Income	360,000	368,326.80	PVPTL ALBERTSONS COS INC 4.875% DUE 02-15-2030
Fixed Income	190,000	190,000.00	PVPTL ALBERTSONS COS INC/SAFEWAY INC/ A 4.625% DUE 01-15-2027 BEO
Fixed Income	500,000	583,130.00	PVPTL ALFA S.A. 6.875 DUE 03-25-2044 BEO
Fixed Income	500,000	490,038.90	PVPTL ALLEGANY PK CLO LTD/ALLEGANY PK CLO LL SER 19-1A CLS D VAR RT 01-20-2033
Fixed Income	650,000	682,500.00	PVPTL ALLIED UNVL HOLDCO LLC / ALLIED UNV 6.625% 07-15-2026
Fixed Income	500,000	496,250.00	PVPTL ALLISON TRANSMISSION INC SR 4.75% 10-01-2027
Fixed Income	250,000	231,250.00	PVPTL ALPHA HLDG S A DE C V 10.0% DUE 12-19-2022
Fixed Income	1,100,000	981,750.00	PVPTL ALPHA HOLDINGS SA 9.0% DUE 02-10-2025
Fixed Income	500,000	520,005.00	PVPTL ALTICE FINCO S A 7.625% DUE 02-15-2025
Fixed Income	950,000	897,161.00	PVPTL ALTICE FRANCE HLDG S A NT 144A 6% 02-15-2028
Fixed Income	695,000	760,156.25	PVPTL ALTICE FRANCE S A SR SECD NT 144A 8.125% DUE 02-01-2027/07-31-2018 BEO
Fixed Income	2,170,000	2,191,700.00	PVPTL ALTICE FRANCE S A/T/S/FRRPSFRFP 5.5% DUE 01-15-2028
Fixed Income	6,335,000	6,606,138.00	PVPTL ALTICE FRANCE S.A. SR SECD NT 144A7.375% DUE 05-01-2026/05-01-2021 BEO
Fixed Income	104,101	104,323.18	PVPTL AMERICAN CR ACCEP RECEIVABLES TR SER 18-4 CL B 3.78% 09-12-2022 BEO
Fixed Income	2,110,000	2,258,480.70	PVPTL AMKON TECHNOLOGY 6.625% 09-15-2027
Fixed Income	365,000	360,937.55	PVPTL AMSTED INDNS INC 4.625% DUE 05-15-2030
Fixed Income	500,000	395,000.00	PVPTL ANTERO MIDSTREAM PARTNERS LP/ANTERO MI 5.75% DUE 03-01-2027 BEO
Fixed Income	250,000	218,585.00	PVPTL APIOS CLO XXIV/APIDOS CLO XXIV/CRA FLTG 144A 10-20-2030 BEO
Fixed Income	675,000	792,248.02	PVPTL APOLLO MGMT HLDGS L P 4.872% DUE 02-15-2029
Fixed Income	400,000	432,469.73	PVPTL ARAB PETE INVTS 4.125% 09-18-2023
Fixed Income	1,075,000	1,110,077.25	PVPTL ARAMARK SVCS INC 6.375% DUE 05-01-2025 BEO
Fixed Income	915,000	869,250.00	PVPTL ARAMARK SVCS INC SR NT 144A 5% DUE02-01-2028/01-18-2018 BEO
Fixed Income	4,600,000	4,477,991.44	PVPTL ARBOR REALTY INC COLLATERALIZED LOAN FLTG RT SER 19-FL1 CL A 05-15-2037 BEO
Fixed Income	970,000	882,700.00	PVPTL ARCHROCK PARTNERS L P/ARCHROCK PARTNER 6.25% DUE 04-01-2028
Fixed Income	1,132,000	1,169,027.72	PVPTL ARCOS DORADOS HLDGS INC SR NT 6.625 DUE 09-27-2023
Fixed Income	610,000	603,518.75	PVPTL ARD FINANCE SA 6.5% DUE 06-30-2027BEO
Fixed Income	900,000	885,465.00	PVPTL ARDAGH PACKAGING FIN PLC 4.125% 08-15-2026
Fixed Income	54,000	52,380.00	PVPTL ASBURY AUTOMOTIVE GROUP INC SR NT 144A 4.5% DUE 03-01-2028/02-19-2020 BEO
Fixed Income	345,000	294,112.50	PVPTL ASCENT RES UTICA HLDGS FDG LTD 3.95% 07-01-2024
Fixed Income	1,995,000	1,276,800.00	PVPTL ASCENT RESOURCES/ARU FIN 7.0% 11-01-2026
Fixed Income	1,605,000	1,567,475.10	PVPTL ASNQ INC 4.625% DUE 05-15-2028
Fixed Income	300,000	300,000.00	PVPTL ASHTEAD CAP INC 4.25% 11-01-2029
Fixed Income	626,535	541,012.97	PVPTL AUTOPISTAS DEL SOL S A COSTA RICA 7.375% DUE 12-30-2030 BEO
Fixed Income	870,000	696,000.00	PVPTL AVIS BUDGET CAR RENT LLC/AVIS BUDGET F SR NT 144A 5.25% 03-15-2025
Fixed Income	60,000	52,129.08	PVPTL AVOLON HLDGS FDG LTD 3.95% 07-01-2024
Fixed Income	200,000	161,545.19	PVPTL AVOLON HLDGS FDG LTD SR NT 144A 3.25% DUE 02-15-2027/01-14-2020 BEO
Fixed Income	400,000	403,176.00	PVPTL AZURE POWER 5.5% DUE 11-03-2022 BEO
Fixed Income	1,400,000	1,378,293.98	PVPTL BABSON CLO LTD VAR RT DUE 07-20-2028 BEO
Fixed Income	1,100,000	1,244,171.86	PVPTL BACARDI LTD GTD NT 144A 4.7% DUE 05-15-2028/04-30-2018 BEO
Fixed Income	200,000	198,300.00	PVPTL BANCO DE CREDITO DEL PER 3.125% 07-01-2030
Fixed Income	300,000	300,600.00	PVPTL BANCO DE CREDITO DEL PERU 2.7% 01-11-2025
Fixed Income	1,500,000	1,550,700.00	PVPTL BANCO INBURSA S A SR NT 144A 4.125% DUE 06-06-2024 BEO
Fixed Income	541,000	548,958.11	PVPTL BANCO INTERNACIONAL DEL PERU S A A3.375% 01-18-2023
Fixed Income	1,000,000	1,085,000.00	PVPTL BANCO INTERNACIONAL DEL PERU S A ASUB NT 6.625 DUE 03-19-2029
Fixed Income	1,075,000	1,176,480.00	PVPTL BANCO SANTANDER MEX S A INSTITUCION D SR NT 144A 5.375% 04-17-2025
Fixed Income	600,000	572,306.64	PVPTL BANGKOK BK PUB LTD HONG KONG BRH 3.733% DUE 09-25-2034
Fixed Income	0	-	PVPTL BANQUE FEDERATIVE DU CR MUTUEL MEDIUM TE 2.125% DUE 11-21-2022 BEO
Fixed Income	2,250,000	2,122,809.98	PVPTL BARDOT CLO LTD SER 19-2A CL D FRN 10-22-2032 BEO
Fixed Income	1,024,000	1,008,574.36	PVPTL BARINGS CLO LTD SR 18-3A CL A1 FLTG 07-20-2029
Fixed Income	840,000	861,000.00	PVPTL BAUSCH HEALTH COMPANIES INC 5.5% DUE 11-01-2025

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Fixed Income	250,000	237,187.50	PVTPL BAUSCH HEALTH COS INC 5.25%	01-30-2030
Fixed Income	120,000	127,200.00	PVTPL BAUSCH HEALTH COS INC FIXED 5.75%	08-15-2027 BEO
Fixed Income	1,200,000	1,377,731.22	PVTPL BAYER US FIN II LLC	4.25% 12-15-2025
Fixed Income	1,950,000	1,740,375.00	PVTPL BEACON ESCROW CORP 4.875%	DUE 11-01-2025 BEO
Fixed Income	550,000	516,998.19	PVTPL BENEFIT STR PARTNERS CLO XIX LTD SER 19-19A CL D FRN 01-15-2033 BEO	
Fixed Income	3,000,000	2,851,755.60	PVTPL BENEFIT STR PARTNERS CLO XVII LTD/BEN SR SECD DEFERRABLE NT 10-15-2032	
Fixed Income	200,000	234,083.54	PVTPL BERKSHIRE HATHAWAY ENERGY CO 3.7%07-15-2030	
Fixed Income	155,000	177,217.56	PVTPL BERKSHIRE HATHAWAY ENERGY CO 4.05 04-15-2025	
Fixed Income	200,000	251,857.13	PVTPL BERKSHIRE HATHAWAY ENERGY CO SR NT4.25% DUE 10-15-2050 BEO	
Fixed Income	1,375,000	1,409,375.00	PVTPL BERRY GLOBAL ESCROW CORP FIXED 5.625% 07-15-2027 BEO	
Fixed Income	390,000	384,216.30	PVTPL BERRY GLOBAL INC SR SECD NT 144A 4.5% DUE 02-15-2026 BEO	
Fixed Income	450,000	404,397.27	PVTPL BETONY CLO 2 LTD/BETONY CLO 2 LLC SR 18-1A CL C VAR RT 04-30-2031	
Fixed Income	700,000	743,770.58	PVTPL BHARTI AIRTEL INTERNATIO 5.35 05-20-2024	
Fixed Income	1,130,000	1,079,150.00	PVTPL BIG RIV STL LLC/BR'S FIN CORP 7.25% 09-01-2025	
Fixed Income	790,000	692,237.50	PVTPL BNP PARIBAS 4.5% DUE 12-31-2049	
Fixed Income	200,000	193,698.00	PVTPL BOC AVIATION PTE LTD FLTG RT 09-26-2023	
Fixed Income	500,000	326,300.00	PVTPL BOMBARDIER INC 7.5% DUE 03-15-2025	
Fixed Income	500,000	468,125.00	PVTPL BRASKEM IDESA S A P I SR SECD NT 7.45% DUE 11-15-2029	
Fixed Income	1,450,000	1,326,750.00	PVTPL BRASKEM NETH FIN B V 4.5% 01-31-2030	
Fixed Income	300,000	264,000.00	PVTPL BRASKEM NETH FIN B V 5.875% 01-31-2050	
Fixed Income	370,000	348,725.00	PVTPL BRF SA FORMERLY BRF BRASIL FOODS SA TO SR NT 4.875% 01-24-2030	
Fixed Income	1,280,000	1,629,536.70	PVTPL BRISTOL MYERS SQUIBB CO 4.125% 06-15-2039	
Fixed Income	4,285,000	4,656,431.26	PVTPL BROADCOM INC 4.15% DUE 11-15-2030 BEO	
Fixed Income	420,000	457,599.84	PVTPL BROADCOM INC NT 4.11% 09-15-2028	
Fixed Income	4,250,000	4,884,834.40	PVTPL BROADCOM INC SR NT 144A 5% DUE 04-15-2030/04-09-2020 BEO	
Fixed Income	900,000	760,500.00	PVTPL BROOKFIELD PPTY REIT INC/BPR CUMULUS L 5.75% 05-15-2026	
Fixed Income	750,000	717,232.50	PVTPL BROOKFIELD RESIDENTIAL PPTYS 6.25% 09-15-2027	
Fixed Income	705,000	676,285.35	PVTPL BUCKEYE PARTNERS L P 4.125% DUE 03-01-2025	
Fixed Income	465,000	456,717.19	PVTPL BWAY HOLDING COMPANY BNDS 5.5% DUE 04-15-2024/	
Fixed Income	250,000	255,625.00	PVTPL C&W SR FING DESIGNATED ACTIVITY CO SR NT 7.5% 10-15-2026	
Fixed Income	500,000	508,250.00	PVTPL CABLE ONDA S A 4.5% 01-30-2030	
Fixed Income	745,000	730,100.00	PVTPL CALPINE CORP SR NT 144A 5.125% DUE03-15-2028/12-27-2019 BEO	
Fixed Income	1,230,000	1,199,250.00	PVTPL CALPINE CORP SR SECD NT 144A 4.5% DUE 02-15-2028 BEO	
Fixed Income	190,000	204,844.57	PVTPL CANTOR FITZGERALD L P SECD NT 144A4.875% DUE 05-01-2024	
Fixed Income	348,000	355,830.00	PVTPL CAP S A USD GTD BD 144A 7.375% DUE09-15-2036 BEO	
Fixed Income	500,000	498,900.00	PVTPL CAPITOL INVT MERGER SUB 2 LLC FIXED 10% 08-01-2024	
Fixed Income	5,000,000	4,727,033.00	PVTPL CARLYLE US CLO 2019-3 LTD/CARLYLE US C SER 19-3A CLS C1 VAR RT 10-20-2032	
Fixed Income	940,000	1,019,900.00	PVTPL CARNIVAL CORP 11.5% DUE 04-01-2023	
Fixed Income	2,395,000	2,472,837.50	PVTPL CCO HLDGS LLC 144A 5.0% 02-01-2028	
Fixed Income	200,000	204,638.00	PVTPL CCO HLDGS LLC/CAP CORP 4.75% DUE 03-01-2030	
Fixed Income	2,000,000	2,040,000.00	PVTPL CCO HLDGS LLC/CCO HLDGS CAP CORP 4.5% DUE 08-15-2030	
Fixed Income	650,000	672,951.50	PVTPL CCO HLDGS LLC/CCO HLDGS CAP CORP BNDS 5.5% DUE 05-01-2026	
Fixed Income	1,330,000	1,375,672.20	PVTPL CCO HLDGS LLC/CCO HLDGS CAP CORP BNDS 5.75% DUE 02-15-2026	
Fixed Income	660,000	668,250.00	PVTPL CCO HLDGS LLC/CCO HLDGS CAP CORP SR NT 144A 4.5% 05-01-2032	
Fixed Income	900,000	949,500.00	PVTPL CCO HLDGS LLC/CCO HLDGS CAP CORP 5.375% 06-01-2029	
Fixed Income	95,000	98,771.50	PVTPL CD&R SMOKEY BUYER INC SR SECD NT 144A 6.75% DUE 07-15-2025/07-01-2020 BEO	
Fixed Income	650,000	674,973.00	PVTPL CDK GLOBAL INC 5.25% DUE 05-15-2029	
Fixed Income	800,000	812,800.00	PVTPL CEMEX S A B DE C V 7.375% DUE 06-05-2027 BEO	
Fixed Income	320,000	353,040.00	PVTPL CEMIG GERACAO E TRANSM BNDS 144A 9.25% 12-05-2024	
Fixed Income	825,000	875,033.60	PVTPL CENOSUD S A 5.15% DUE 02-12-2025	
Fixed Income	445,000	458,203.15	PVTPL CENTENE CORPORATION CORP 5.25% 04-01-2025	
Fixed Income	200,000	195,500.00	PVTPL CENTRAIS ELETRICAS BRASILEIRAS S AAELETR 3.625% DUE 02-04-2025 BEO	
Fixed Income	600,000	602,256.00	PVTPL CENTRAL AMER BOTTLING CORP 5.75% DUE 01-31-2027 BEO	
Fixed Income	720,000	732,888.00	PVTPL CENTRAL AMERICAN BANK 2.0% DUE 05-06-2025 BEO	
Fixed Income	70,000	69,964.30	PVTPL CHARLES RIV LABORATORIES INTL INC 4.25% DUE 05-01-2028	
Fixed Income	1,300,000	1,417,145.64	PVTPL CHARTER COMMUNICATIONS OPER 3.75% 02-15-2028	
Fixed Income	100,000	97,788.00	PVTPL CHS/CMNTY HEALTH SYS INC SR SECD NT 8.625% 01-15-2024 BEO	
Fixed Income	600,000	624,498.00	PVTPL CK HUTCHISON INTL 19 II LTD 2.75% 09-06-2029	
Fixed Income	200,000	204,500.00	PVTPL CLARK EQUIP CO SR SECD NT 144A 5.875% DUE 06-01-2025/05-29-2020 BEO	
Fixed Income	300,000	282,000.00	PVTPL CLEVELAND-CLIFFS INC NEW SR SECD NT 4.875% 01-15-2024	
Fixed Income	65,028	66,625.89	PVTPL CMO ANGEL OAK MTG TRUST SER 19-2 CLA1 VAR RT VAR RT DUE 03-25-2049	
Fixed Income	159,678	157,979.21	PVTPL CMO BCAP LLC 2012-RR2 SER 2012-RR2CL 8A3 FLT RT DUE 07-26-2036 BEO	
Fixed Income	104,771	105,218.76	PVTPL CMO DEEPHAVEN RESIDENTIAL MTG SER-19A CL-A1 VAR 08-25-2058 BEO	
Fixed Income	115,225	117,901.22	PVTPL CMO ELLINGTON FINL MTG TR SER 18-1 CL A1FX VAR 10-25-2058	
Fixed Income	398,207	444,557.72	PVTPL CMO GS MTG SEC CORP SER 2005-RP1 CL A13 144A 8% DUE 01-25-2035 BEO	
Fixed Income	600,000	518,547.96	PVTPL CMO KAYNE CLO 7 LTD/KAYNE CLO SRS 20-7A CL D FLTG DUE 04-17-2033	
Fixed Income	900,000	918,172.80	PVTPL CMO MORGAN STANLEY CAP I TR 2014-CPT VAR RT DUE 07-13-2029 BEO	
Fixed Income	323,790	327,354.88	PVTPL CMO SEQUOIA MTG SER 19-2 CL A4 VAR 144A05-25-2049	
Fixed Income	5,162,369	5,430,284.54	PVTPL CMO TOWD PT MTG TR 2019-4 SER 19-4CLS A1 VAR RT DUE 07-25-2059 BEO	
Fixed Income	515,000	514,876.40	PVTPL COLOMBIA TELECOMUNICACIONES S A ESP SR NT 5.375 DUE 09-27-2022	
Fixed Income	470,000	472,679.00	PVTPL COLT MERGER SUB INC 5.75% DUE 07-01-2025	
Fixed Income	900,000	920,403.00	PVTPL COMCEL TR SR NT 144A 6.875% DUE 02-06-2024/02-06-2020 BEO	
Fixed Income	700,000	735,000.00	PVTPL COMISION FEDERAL DE ELECTRICIDAD 144A 4.75% DUE 02-23-2027 BEO	
Fixed Income	1,120,000	1,151,024.00	PVTPL COMMSCOPE FIN LLC 144A FIXED 8.25%8.25% DUE 03-01-2027/02-19-2019 BEO	
Fixed Income	1,400,000	1,414,000.00	PVTPL COMMSCOPE FIN LLC 5.5% DUE 03-01-2024 BEO	
Fixed Income	2,745,000	2,650,846.50	PVTPL COMMSCOPE TECHNOLOGIES FINANCE BNDs 6.0% DUE 06-15-2025	
Fixed Income	780,000	760,500.00	PVTPL COMMUNICATIONS SALES & LEASING INC RT 6.0% DUE 04-15-2023	
Fixed Income	1,200,000	1,224,012.00	PVTPL COMPANHIA BRASILEIRA DE ALUMINIO GTD NT 4.75 DUE 06-17-2024 BEO	
Fixed Income	400,000	445,500.00	PVTPL CONSORCIO TRANSMANTARO S A 4.7% DUE 04-16-2034	
Fixed Income	100,254	100,330.60	PVTPL CONSUMER LN UNDERLYING BD CLUB CR SR 20-P1 CL A 2.26% 03-15-2028	
Fixed Income	400,000	416,000.00	PVTPL CONTROLADORA MABE S A DE C V 5.6% 10-23-2028	
Fixed Income	650,000	661,381.50	PVTPL COSAN LTD 5.95% DUE 09-20-2020 BEO	
Fixed Income	900,000	900,000.00	PVTPL COSAN LUXEMBOURG S A 144A 5 03-14-2023	
Fixed Income	170,000	173,972.33	PVTPL COSTAR GROUP INC SR NT 2.8% DUE 07-15-2030 BEO	
Fixed Income	200,000	199,030.00	PVTPL CREDICORP LTD SR NT 144A 2.75% DUE06-17-2025/06-17-2020 BEO	
Fixed Income	795,000	753,262.50	PVTPL CREDIT SUISSE GROUP AG 5.1% 12-29-2049	
Fixed Income	900,000	981,234.00	PVTPL CREDIT SUISSE GROUP AG 6.5 DUE 08-08-2023 BEO	
Fixed Income	800,000	831,128.00	PVTPL CREDIT SUISSE GROUP AG PERP TIER 1 7.5% 12-31-2049	
Fixed Income	1,500,000	1,611,979.59	PVTPL CREDIT SUISSE GROUP AG VAR DUE 06-12-2024 BEO	
Fixed Income	375,000	413,608.04	PVTPL CRH AMERICA INC BNDS 3.875% DUE 05-18-2025 BEO	
Fixed Income	1,485,000	1,330,931.25	PVTPL CROWNROCK L P/CROWNROCK FIN INC 5.625% 10-15-2025	

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Fixed Income	210,000	203,985.60	PVTPL CSC HLDGS LLC 4.625%	12-01-2030
Fixed Income	540,000	554,239.80	PVTPL CSC HLDGS LLC 5.5% 05-15-2026	
Fixed Income	855,000	933,018.75	PVTPL CSC HLDGS LLC 7.5% 04-01-2028	
Fixed Income	680,000	707,268.00	PVTPL CSC HLDGS LLC 7.75% 07-15-2025	
Fixed Income	300,000	313,500.00	PVTPL CSC HLDGS LLC SR GTD NT 144A 5.375% DUE 02-01-2028/01-29-2018 BEO	
Fixed Income	990,000	1,031,085.00	PVTPL CSC HLDGS LLC SR NT 5.75% 01-15-2030	
Fixed Income	1,055,000	1,097,727.50	PVTPL CSC HOLDINGS LLC BNDS 5.5% DUE 04-15-2027	
Fixed Income	239,000	204,643.75	PVTPL CSN IS XI CORP 6.75% DUE 01-28-2028 BEO	
Fixed Income	500,000	521,250.00	PVTPL CUSHMAN & WAKEFIELD U S BORROWER LLC GTD SR SECD NT 144A 6.75% 05-15-2028	
Fixed Income	489,898	517,870.14	PVTPL CVS LEASE BACKED PASS THRU SER 2014 TR PASSTHRU CTF 4.163 08-11-2036	
Fixed Income	193,681	169,706.81	PVTPL CWABS AST-BACKED CTFS TR 2007-QH1 AST BACKED CTF CL A-1A VAR RT 2-25-2037	
Fixed Income	200,000	195,952.00	PVTPL CYDSA S A B DE C V SR NT 6.25% 10-04-2027	
Fixed Income	2,700,000	2,646,000.00	PVTPL DAE FDG LLC 5.25% DUE 11-15-2021	
Fixed Income	300,000	297,750.00	PVTPL DAE FDG LLC SR 4.0% 08-01-2020	
Fixed Income	500,000	476,250.00	PVTPL DAE FDG LLC SR NT 4.5% 08-01-2022	
Fixed Income	1,629,000	1,551,622.50	PVTPL DAE FUNDING LLC SR NT 5.75% DUE 11-15-2023 BEO	
Fixed Income	200,000	191,500.00	PVTPL DAKOTA MERGER SUB INC 7.75% 144A DUE 09-01-2023 BEO	
Fixed Income	300,000	310,639.73	PVTPL DBS GROUP HLDGS LTD 2.85% 04-16-2022	
Fixed Income	545,000	381,500.00	PVTPL DCP MIDSTREAM LLC 5.85% DUE 05-21-2043 BEO	
Fixed Income	285,000	263,981.25	PVTPL DEALER TIRE LLC/DT ISSUER LLC 8.0% DUE 02-01-2028	
Fixed Income	1,245,000	1,459,803.24	PVTPL DELL INT LLC/EMC CORP 6.2% DUE 07-15-2030 BEO	
Fixed Income	385,000	442,441.90	PVTPL DELL INTL L L C/EMC CORP 5.85% DUE 07-15-2025 BEO	
Fixed Income	470,000	542,969.42	PVTPL DELL INTL L L C/EMC CORP 6.1% DUE 07-15-2027/04-09-2020 BEO	
Fixed Income	500,000	516,134.04	PVTPL DELTA AIR LINES INC DEL SR SECD NT144A 7% DUE 05-01-2025 BEO	
Fixed Income	40,000	53,351.53	PVTPL DIAMOND 1 FIN CORP/DIAMOND 2 BNDS 144A 8.35% DUE 07-15-2046	
Fixed Income	4,030,000	4,620,295.66	PVTPL DIAMOND 1 FIN CORP/DIAMOND 2 FIN CORP 1ST LIEN NT 144A 6.02	
Fixed Income	1,500,000	1,085,625.00	PVTPL DIAMOND SPORTS GR /DIAMON 5.375% 08-15-2026 BEO	
Fixed Income	1,650,000	878,625.00	PVTPL DIAMOND SPORTS GR/DIAMON 6.625% DUE 08-15-2027 BEO	
Fixed Income	230,000	228,562.50	PVTPL DISH DBS CORP 7.375% DUE 07-01-2028 BEO	
Fixed Income	1,500,000	1,547,896.26	PVTPL DOMINION ENERGY INC 2.45% DUE 01-15-2023	
Fixed Income	270,000	369,372.96	PVTPL DRESDNER FDG TR I 144A 8.151 DUE 06-30-2031 BEO	
Fixed Income	60,000	56,850.00	PVTPL DRIVETIME AUTOMOTIVE GROUP INC SR SECD NT 8 DUE 06-01-2021	
Fixed Income	1,300,000	1,225,471.13	PVTPL DRYDEN 76 CLO LTD SER 19-76A CL D1 FRN 10-20-2032 BEO	
Fixed Income	1,490,000	1,408,237.14	PVTPL DRYDEN SENIOR LOAN FUND SER 14-33A CLS DR2 FLTG RT 04-15-2029	
Fixed Income	1,000,000	976,565.80	PVTPL DRYDEN SER 13-26A CL AR FLTG 04-15-2029	
Fixed Income	3,755,000	3,799,299.24	PVTPL DT AUTO OWNER TR 2019-3 SER 19-3A CLS B 2.6% 05-15-2023	
Fixed Income	1,020,000	1,018,988.22	PVTPL EAST OHIO GAS CO 2.0% 06-15-2030	
Fixed Income	620,000	637,050.00	PVTPL EDGEWELL PERS CARE CO SR NT 144A 5.5% DUE 06-01-2028/05-22-2020 BEO	
Fixed Income	25,684	25,732.19	PVTPL ELM 2016-1 TR SR NT CL A-2 144A 4.163% DUE 06-20-2025 BEO	
Fixed Income	4,500,000	4,289,323.50	PVTPL ELMWOOD CLO III LTD/ELMWOOD CLO III LL DEFERRABLE NT CL D 10-15-2032	
Fixed Income	200,000	215,750.00	PVTPL EMPRESA DE TRANSPORTE DE PASAJEROS METRO 3.65% DUE 05-07-2030	
Fixed Income	191,560	196,636.34	PVTPL EMPRESA ELECTRICA COCHRANE SPA 5.5% 05-14-2027 BEO	
Fixed Income	500,000	526,862.55	PVTPL EMPRESA NACIONAL DE TELE COMUNICACIONES 144A 4.875 10-30-2024 BEO	
Fixed Income	600,000	601,500.00	PVTPL EMPRESAS PUBLICAS DE MEDELLIN ESP 4.25% 07-18-2029	
Fixed Income	900,000	864,000.00	PVTPL ENDEAVOR ENERGY RES L P/EER FIN 5.75% DUE 01-30-2028	
Fixed Income	1,600,000	1,671,304.83	PVTPL ENEL FIN INTL N V FIXED 2.65% 09-10-2024 BEO	
Fixed Income	250,000	298,326.83	PVTPL ENEL FIN INTL N VNT 4.75% DUE 05-25-2047	
Fixed Income	40,000	42,650.80	PVTPL ENERGIZER HLDGS INC NEW SR NT 7.75% 01-15-2027	
Fixed Income	1,180,000	1,157,544.60	PVTPL ENERGIZER HLDGS INC NEW SR NT 144A4.75% DUE 06-15-2028/07-01-2020 BEO	
Fixed Income	100,000	103,396.00	PVTPL ENERGIZER HOLDINGS INC 6.375% DUE 07-15-2026	
Fixed Income	1,675,000	1,658,250.00	PVTPL ENERSYS 4.375% DUE 12-15-2027	
Fixed Income	620,000	294,500.00	PVTPL ENTERPRISE MERGER SUB INC SR NT 144A 8.75% DUE 10-15-2026/10-11-2018 BEO	
Fixed Income	320,000	324,134.40	PVTPL EQM MIDSTREAM PARTNERS L P SR NT 144A 6% DUE 07-01-2025/06-18-2020 BEO	
Fixed Income	845,000	865,465.90	PVTPL EQM MIDSTREAM PARTNERS L P SR NT 144A 6.5% DUE 07-01-2027/06-18-2020 BEO	
Fixed Income	860,000	825,600.00	PVTPL ESH HOSPITALITY INC 144A 5.25% 05-01-2025	
Fixed Income	620,000	580,475.00	PVTPL ESH HOSPITALITY INC 4.625% DUE 10-01-2027	
Fixed Income	300,000	326,535.60	PVTPL EUROCHEM FINANCE DAC GTD SRN TS 5.5% DUE 03-13-2024 BEO	
Fixed Income	78,783	79,119.55	PVTPL EXETER AUTOMOBILE RECEIVABLES BACKED NT CL B 3.64% 11-15-2022	
Fixed Income	200,000	197,529.36	PVTPL EXPORT-IMPORT BK INDIA 3.25% 01-15-2030	
Fixed Income	700,000	763,000.00	PVTPL FAIR ISAAC 5.25% DUE 05-15-2026	
Fixed Income	1,965,000	2,117,494.29	PVTPL FAIRFAX FINANCIAL HLDGS LTD 4.625% CORP 04-29-2030	
Fixed Income	1,300,000	1,274,000.00	PVTPL FAIRSTONE FINL INC 7.875% DUE 07-15-2024 BEO	
Fixed Income	48,730	48,839.43	PVTPL FINANCE AMER STRUCTURED SEC'S TR VAR RT SER 19-HB1 CL A 04-25-2029 BEO	
Fixed Income	2,000,000	2,120,000.00	PVTPL FINANCIAL & RISK US HLDGS INC 6.25% DUE 05-15-2026	
Fixed Income	350,000	258,128.50	PVTPL FINANCIERA INDEPENDENCIA SAB DE CV SR NT 8.0% 07-19-2021	
Fixed Income	780,000	739,050.00	PVTPL FIRST QUANTUM MINERALS LTD 6.875% 03-01-2026	
Fixed Income	300,000	286,500.00	PVTPL FIRST QUANTUM MINERALS LTD 7.25% DUE 04-01-2023	
Fixed Income	200,851	199,506.98	PVTPL FLAGSHIP CLO SER 14-8A CL ARR FLTG 01-16-2026	
Fixed Income	3,850,000	3,654,819.63	PVTPL FLATIRON CLO 19 LTD/FLATIRON CLO 19 LL SR SECD DEFERRABLE 11-16-2032	
Fixed Income	600,000	588,000.00	PVTPL FORESTAR GROUP INC SR NT 5.0% 03-01-2028	
Fixed Income	17,150	17,181.68	PVTPL FREED ABS TR SER 19-1 CL A 3.42% 06-18-2026 REG	
Fixed Income	40,000	38,800.00	PVTPL FREEDOM MTG CORP 8.125% 11-15-2024	
Fixed Income	300,000	309,000.00	PVTPL FREEDOM MTG CORP SR NT 144A 10.75%DUE 04-01-2024	
Fixed Income	2,435,000	2,587,187.50	PVTPL FRONTDOOR INC 6.75% 08-15-2026	
Fixed Income	400,000	427,968.00	PVTPL GAP INC SR SECD NT 144A 8.875% DUE05-15-2027/05-07-2020 BEO	
Fixed Income	140,000	137,900.00	PVTPL GARDIA WORLD SECURITY CORP 4.625% DUE 02-15-2027	
Fixed Income	270,000	273,159.00	PVTPL GARTNER INC 4.5% DUE 07-01-2028 BEO	
Fixed Income	1,700,000	1,462,017.00	PVTPL GEOPARK LTD 5.5% DUE 01-17-2027	
Fixed Income	500,000	523,750.00	PVTPL GERDAU TRADE INC 4.875% DUE 10-24-2027 BEO	
Fixed Income	1,025,000	686,750.00	PVTPL GLOBAL AIRCRAFT LEASING CO LTD 6.5% DUE 09-15-2024/07-31-2019 BEO	
Fixed Income	900,000	812,250.00	PVTPL GLOBO COMUNICACAO E PARTICIPACOES S A 4.875% DUE 01-22-2030 BEO	
Fixed Income	800,000	796,808.00	PVTPL GLOBO COMUNICACOES E PARTICIPACOES S A STEP UP DUE 06-08-2025	
Fixed Income	2,912	2,914.13	PVTPL GLS AUTO RECEIVABLES ISSUER TR 2018-2 NT CL A 144A 3.25 DUE 04-18-2022	
Fixed Income	51,676	51,834.62	PVTPL GLS AUTO RECEIVABLES TR SER 2018-1 CL A 2.82% 07-15-2022	
Fixed Income	690,000	669,300.00	PVTPL GOEASY LTD 5.375% DUE 12-01-2024	
Fixed Income	1,200,000	672,012.00	PVTPL GOL FIN GTD SR NT 7% 01-31-2025	
Fixed Income	275,000	278,583.25	PVTPL GRACE W R & CO-CONN NT 144A 4.875%DUE 06-15-2027/06-26-2020 BEO	
Fixed Income	400,000	178,000.00	PVTPL GRAN TIERRA ENERGY INC DEL SR NT 7.75% 05-23-2027	
Fixed Income	700,000	308,000.00	PVTPL GRAN TIERRA ENERGY INTL HLDGS LTD 6.25% 02-15-2025	
Fixed Income	70,000	72,564.10	PVTPL GRANITE MERGER SUB 2 INC 11.0% 07-15-2027	
Fixed Income	600,000	592,740.00	PVTPL GREENKO DUTCH B V SR NT 144A 5.25%DUE 07-24-2024/07-24-2020 BEO	

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Fixed Income	300,000	285,375.00	PVTPL GRUPO AVAL LTD 4.375% DUE 02-04-2030
Fixed Income	500,000	536,990.70	PVTPL GRUPO BIMBO SAB DE CV GTD NT 144A 3.875% DUE 06-27-2024 BEO
Fixed Income	400,000	447,238.78	PVTPL GRUPO BIMBO SAB DE CV GTD NT 144A 4.875% DUE 06-27-2044 BEO
Fixed Income	1,250,000	1,175,637.50	PVTPL GRUPO UNICOMER CO LTD 7.875% DUE 04-01-2024 BEO
Fixed Income	610,000	627,915.70	PVTPL GTCR AP FIN INC 8% DUE 05-15-2027
Fixed Income	171,000	180,832.50	PVTPL GW B-CR SEC CORP 9.5% DUE 11-01-2027
Fixed Income	1,195,000	1,209,937.50	PVTPL GW HONOS SEC CORP 8.75% DUE 05-15-2025 BEO
Fixed Income	1,355,000	1,370,243.75	PVTPL HANESBRANDS INC 5.375% DUE 05-15-2025 BEO
Fixed Income	1,150,000	1,152,875.00	PVTPL HARSCO CORP 5.75% 07-31-2027
Fixed Income	600,000	601,290.00	PVTPL HERC HLDGS INC 5.5% DUE 07-15-2027 BEO
Fixed Income	600,000	573,570.00	PVTPL HIDROVIAS INTL FINANC S A R L 5.95% DUE 01-24-2025
Fixed Income	265,000	212,662.50	PVTPL HILCORP ENERGY I LP/HILCORP FIN CO SR NT 144A 6.25% 11-01-2028
Fixed Income	600,000	605,874.00	PVTPL HOLOGIC INC 4.375% 10-15-2025
Fixed Income	265,000	274,937.50	PVTPL HOLOGIC INC SR NT 144A 4.625% DUE 02-01-2028/01-19-2018 BEO
Fixed Income	1,050,000	1,061,928.00	PVTPL HTA GROUP LTD 7.0% 12-18-2025
Fixed Income	860,000	817,000.00	PVTPL HUDBAY MINERALS INC 7.625% DUE 01-15-2028 BEO
Fixed Income	200,000	240,779.60	PVTPL HYUNDAI CAP AMER MEDIUM TERM NTS BOOK EN 6.375% DUE 04-08-2030
Fixed Income	3,160,000	3,183,640.02	PVTPL HYUNDAI CAP AMER MEDIUM TERM NTS BOOK EN 2.375% DUE 02-10-2023
Fixed Income	1,640,000	1,691,856.80	PVTPL IAA SPINCO INC 5.5% 06-15-2027
Fixed Income	700,000	755,800.12	PVTPL ICBCIL FIN CO LTD SR NT 144A 3.625% DUE 05-19-2026/06-19-2016 BEO
Fixed Income	600,000	553,500.00	PVTPL IHEARTCOMMUNICATIONS INC 4.75% DUE 01-15-2028/11-22-2019 BEO
Fixed Income	610,000	635,925.00	PVTPL ILLUMINATE BUYER LLC/ILLUMINATE HLDGS SR NT 144A 9.0% DUE 07-01-2028
Fixed Income	2,445,000	2,457,225.00	PVTPL INCEPTION MRGR/RACKSPACE 8.625% 11-15-2024
Fixed Income	500,000	533,693.21	PVTPL INDONESIA ASAHLAN ALUMINI SR NT 144A 4.75% DUE 05-15-2025/04-15-2025 BEO
Fixed Income	200,000	209,248.81	PVTPL INDUSTRIAL BK KOREA GLOBAL MEDIUM TERM B 2.125% DUE 10-23-2024 REG
Fixed Income	1,000,000	1,004,177.88	PVTPL INFOR INC SR NT 144A 1.75% DUE 07-15-2025/06-05-2020 REG
Fixed Income	850,000	805,375.00	PVTPL INFRAESTRUCTURA ENERGETICA NOVA SAB 4.875% DUE 01-14-2048/07-14-2047 BEO
Fixed Income	640,000	625,088.00	PVTPL INTERNATIONAL GAME TECHNOLOGY PLC 5.25% DUE 01-15-2029/06-19-2020 BEO
Fixed Income	700,000	737,629.49	PVTPL INTESA SANPAOLO S P A RCPTS CL X 144A 5.71% DUE 01-15-2026 BEO
Fixed Income	1,400,000	1,480,711.20	PVTPL INTESA SANPAOLO S.P.A. INTESA SANPAOLO S.P.A. 4% DUE 09-23-2029
Fixed Income	100,000	108,337.89	PVTPL IPALCO ENTERPRISES INC 4.25% DUE 05-01-2030
Fixed Income	900,000	922,218.75	PVTPL IQVIA INC 5.0% 05-15-2027
Fixed Income	810,000	787,725.00	PVTPL IRON MTN INC NEW 4.875% DUE 09-15-2029 BEO
Fixed Income	235,000	230,229.50	PVTPL IRON MTN INC NEW 5.0% DUE 07-15-2028
Fixed Income	450,000	443,250.00	PVTPL IRON MTN INC NEW 5.25% DUE 07-15-2030
Fixed Income	440,000	439,076.00	PVTPL IRON MTN INC NEW BDS 144A 5.625% DUE 07-15-2032/06-22-2020 BEO
Fixed Income	2,325,000	2,313,375.00	PVTPL IRON MTN INC NEW SR NT 144A 5.25% DUE 03-15-2028/12-27-2017 BEO
Fixed Income	800,000	915,745.23	PVTPL ISRAEL ELEC CORP LTD 6.875 06-21-2023
Fixed Income	1,000,000	825,000.00	PVTPL ITAU UNIBANCO HLDG SA 4.625% DUE 12-31-2049 BEO
Fixed Income	1,500,000	1,567,500.00	PVTPL ITAU UNIBANCO HLDG SA MEDIUM TERM NTS BO TRANCHE # TR 8 5.5 08-06-2022
Fixed Income	1,365,000	1,388,887.50	PVTPL J2 CLOUD LLC/GLOBAL INC 6.0% 07-15-2025
Fixed Income	510,000	519,027.00	PVTPL JAGUAR HLDG CO II/PDDEV L P S R NT 144A 4.625 DUE 06-15-2025/06-05-2020
Fixed Income	1,100,000	863,500.00	PVTPL JAGUAR LD ROVER AUTOMOTIVE PLC GTD4.5% 10-01-2027
Fixed Income	1,250,000	1,165,625.00	PVTPL JEFFERIES FIN LLC SECD NT 3C7 6.25% 06-03-2026
Fixed Income	580,000	556,800.00	PVTPL JELD-WEN INC SR NT 4.625% 12-15-2025
Fixed Income	940,000	902,400.00	PVTPL JELD-WEN INC SR NT 4.875% 12-15-2027
Fixed Income	420,000	470,965.12	PVTPL JERSEY CENT PWR & LT CO SR NT 144A4.7% DUE 04-01-2024/08-21-2013 BEO
Fixed Income	1,400,000	1,383,200.00	PVTPL JSL EUROPE 7.75% DUE 07-19-2024
Fixed Income	1,990,000	1,960,150.00	PVTPL KAR AUCTION SVCS INC 5.125% DUE 06-01-2025 BEO
Fixed Income	500,000	470,472.90	PVTPL KAYNE CLO SER 19-6A CL D FLTG 01-20-2033
Fixed Income	500,000	495,000.00	PVTPL KERNEL HLDG S A GTD NT 6.5% DUE 10-17-2024
Fixed Income	1,150,000	1,171,562.50	PVTPL KFC HLDG CO / PIZZA HUT HLDGS LLC / 144A 5.0% 06-01-2024
Fixed Income	250,000	251,870.00	PVTPL KIMBERLY CLARK DE MEXICO S A B DE C 2.431% DUE 07-01-2031 BEO
Fixed Income	1,500,000	1,532,241.98	PVTPL KINDER MORGAN INC DEL SR NT 5 DUE 02-15-2021
Fixed Income	1,650,000	1,600,613.36	PVTPL KKR CLO 27 LTD/KKR CLO 27 LLC SR SECD DEFERRABLE NT CL D FLTG 10-15-2032
Fixed Income	100,000	114,801.45	PVTPL KKR GROUP FIN CO VI LLC SR NT 144A3.75% DUE 07-01-2029/07-01-2019 BEO
Fixed Income	800,000	817,308.80	PVTPL KOC HLDG A S 6.5% 03-11-2025
Fixed Income	700,000	735,310.55	PVTPL KOKMIN BK GLOBAL MEDIUM TERM BK NTS BOO 2.875% DUE 03-25-2023 BEO
Fixed Income	750,000	771,366.63	PVTPL KOKMIN BK NEW 4.35% DUE 12-31-2099
Fixed Income	1,695,000	1,644,150.00	PVTPL KORN FERRY 4.625% DUE 12-15-2027
Fixed Income	5,465,000	5,565,093.93	PVTPL KRAFT HEINZ FOODS CO 4.875% DUE 10-01-2049 BEO
Fixed Income	1,000,000	1,065,959.31	PVTPL KRAFT HEINZ FOODS CO 5.5% DUE 06-01-2050 BEO
Fixed Income	200,000	212,058.65	PVTPL KRAFT HEINZ FOODS CO GTD SR NT 4.25% DUE 03-01-2031
Fixed Income	100,000	95,250.00	PVTPL KRONOS ACQUISITION HLDGS IN 144A 9.0% DUE 08-15-2023/08-15-2018 BEO
Fixed Income	400,000	377,120.00	PVTPL LAMAR MEDIA CORP 3.75% DUE 02-15-2028 BEO
Fixed Income	240,000	254,282.40	PVTPL LAMB WESTON HLDGS INC SR NT 144A 4.875% DUE 05-15-2028 BEO
Fixed Income	190,000	195,700.00	PVTPL LAND O LAKES INC SR NT 144A 6% DUE 11-15-2022/11-13-2012 BEO
Fixed Income	600,000	612,000.00	PVTPL LCPR SR SECD FING DESIGNATED ACTIVITY CO 6.75 10-15-2027
Fixed Income	200,000	204,502.96	PVTPL LEASEPLAN CORP N V MEDIUM TERM NTS2.875% DUE 10-24-2024
Fixed Income	1,390,000	1,400,425.00	PVTPL LEVEL 3 FING INC 4.625% DUE 09-15-2027/09-25-2019 BEO
Fixed Income	319,325	376,484.00	PVTPL LIMA METRO LINE 2 FIN LTD 5.875% DUE 07-05-2034 BEO
Fixed Income	500,000	495,000.00	PVTPL LITHIA MOTORS INC 4.625% DUE 12-15-2027
Fixed Income	1,705,000	1,466,658.05	PVTPL LIVE NATION ENTMT IN 4.75% DUE 10-15-2027
Fixed Income	505,000	454,500.00	PVTPL LIVE NATION ENTMT INC 4.875% DUE 11-01-2024
Fixed Income	510,000	503,625.00	PVTPL LPL HLDGS INC 4.625% 11-15-2027
Fixed Income	428,000	431,856.28	PVTPL LT SERVICOS DE 7.25% DUE 05-03-2023
Fixed Income	300,000	318,000.00	PVTPL LUKOIL INTL FIN BV GTD NT 144A 4.563% DUE 04-24-2023 BEO
Fixed Income	3,300,000	3,151,710.87	PVTPL MADISON PK FDG XXXII LTD SR 19-33A CL D FLTG 10-15-2032
Fixed Income	3,500,000	3,268,387.50	PVTPL MAGNETITE XXIII LTD/MAGNETITE SER 19-23A CLS D VAR RT 10-25-2032
Fixed Income	1,100,000	1,045,012.43	PVTPL MAGNETITE XXIV LTD CL D FLTG VAR RT DUE 01-15-2033 BEO
Fixed Income	550,000	544,500.00	PVTPL MANITOWOC CO INC FIXED 9% 04-01-2026
Fixed Income	400,000	398,504.00	PVTPL MARB BONDCO PLC SR NT 6.875% 01-19-2025
Fixed Income	320,000	290,521.60	PVTPL MARRIOTT OWNERSHIP RESORTS INC 4.75% DUE 01-15-2028
Fixed Income	610,000	623,725.00	PVTPL MASONITE INTL CORP 5.375% 02-01-2028
Fixed Income	830,000	854,900.00	PVTPL MASONITE INTL CORP NEW SR NT 5.75% DUE 09-15-2026
Fixed Income	40,000	41,122.71	PVTPL MASSACHUSETTS MUT LIFE INS CO SURPLUS NT 3.375% 04-15-2050
Fixed Income	500,000	489,530.00	PVTPL MATCH GROUP INC 4.125% DUE 08-01-2030
Fixed Income	350,000	353,062.50	PVTPL MATCH GROUP INC SR NT 144A 4.625% DUE 06-01-2028/05-19-2020 BEO
Fixed Income	700,000	726,250.00	PVTPL MATTEL INC 144A 6.75% 12-31-2025
Fixed Income	650,000	669,500.00	PVTPL MATTEL INC SR NT 144A 5.875% DUE 12-15-2027/11-20-2019 BEO
Fixed Income	800,000	680,515.96	PVTPL MEDCO BELL PTE LTD 6.375% 01-30-2027

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Fixed Income	800,000	741,352.22	PVTPL MEDCO OAK TREE PTE LTD	7.375%	05-14-2026/05-14-2019
Fixed Income	300,000	249,375.00	PVTPL MEG ENERGY CORP	7.125%	02-01-2027
Fixed Income	1,000,000	1,128,670.00	PVTPL MEGLOBAL CDA ULC	5.875%	05-18-2030 BEO
Fixed Income	400,000	372,520.00	PVTPL METINVEST B V	7.75%	10-17-2029
Fixed Income	400,000	390,080.00	PVTPL METINVEST B V GTD SR NT	144A 8.5%	04-23-2026/04-23-2018 BEO
Fixed Income	650,000	682,500.00	PVTPL MEXICHEM SAB DE CV	5.5%	05-15-2048 BEO
Fixed Income	700,000	822,500.00	PVTPL MEXICHEM SAB DE CV SR NT	144A 6.75%	04-19-2042 BEO
Fixed Income	300,000	306,000.00	PVTPL MGM CHINA HLDGS LTD	5.25%	06-18-2025/06-18-2022 BEO
Fixed Income	280,000	273,806.40	PVTPL MGM GROWTH PPTYS OPER PARTNERSHIP LP/M	4.625%	06-15-2025 BEO
Fixed Income	200,000	190,000.00	PVTPL MPH LUX S A	6.25%	09-19-2029
Fixed Income	800,000	812,819.20	PVTPL MPH LUX S A GTD SR NT	144A 6.95%	04-03-2026/04-03-2018 BEO
Fixed Income	1,350,000	1,353,375.00	PVTPL MILEAGE PLUS HLDGS LLC/MILEAGE	PLUS IN 6.5%	06-20-2027
Fixed Income	400,000	427,000.00	PVTPL MILLICOM INTL CELLULAR	FIXED 6.25%	03-25-2029 BEO
Fixed Income	500,000	444,088.30	PVTPL MILOS CLO LTD 17-1A CL DR	FLTG RT DUE	10-20-2030
Fixed Income	200,000	199,500.00	PVTPL MINERA MEXICO S A DE C V SR NT	144A 4.5%	01-26-2050/07-26-2049 BEO
Fixed Income	270,000	274,050.00	PVTPL MINERALS TECHNOLOGIES INC SR NT	144A 5%	07-01-2028/06-30-2020 BEO
Fixed Income	600,000	586,320.00	PVTPL MINERVA LUXEMBOURG SA	5.875%	01-19-2028 BEO
Fixed Income	400,000	408,000.00	PVTPL MSCI INC	4.0%	01-15-2029
Fixed Income	215,000	219,894.61	PVTPL NATIONAL SEC'S CLEARING CORP SR NT	144A 1.5%	04-23-2025/04-23-2020 BEO
Fixed Income	2,255,000	2,376,052.68	PVTPL NATIONWIDE BLDG SOC	3.766%	03-08-2024
Fixed Income	1,500,000	1,700,460.26	PVTPL NATIONWIDE BLDG SOC	4.302%	03-08-2029
Fixed Income	400,000	400,724.00	PVTPL NBUS US HLDGS INC	FIXED 7%	05-14-2026
Fixed Income	450,000	470,677.50	PVTPL NCL CORP LTD	12.25%	05-15-2024 BEO
Fixed Income	200,000	197,502.00	PVTPL NEMAK S A B DE C V	4.75%	01-23-2025
Fixed Income	700,000	609,000.00	PVTPL NEPTUNE ENERGY BONDCO PLC	6.625%	05-15-2025
Fixed Income	290,000	301,237.50	PVTPL NEPTUNE FINCO CORP SR	6.625%	01-10-2025/10-09-2015 BEO
Fixed Income	660,000	707,850.00	PVTPL NETFLIX INC	4.875%	06-15-2030/10-25-2019 BEO
Fixed Income	850,000	930,920.00	PVTPL NETFLIX INC	FIXED 5.375%	11-15-2029 BEO
Fixed Income	470,000	473,525.00	PVTPL NETFLIX INC SR NT	144A 3.625%	06-15-2025/04-28-2020 BEO
Fixed Income	255,000	262,702.03	PVTPL NEW YORK ST ELEC & GAS CORP	144A 3.3%	09-15-2049
Fixed Income	400,000	429,642.44	PVTPL NEWCREST FIN PTY LTD	3.25%	05-13-2030
Fixed Income	470,000	466,503.20	PVTPL NEXSTAR ESCROW INC SR NT	144A 5.625%	07-15-2027/07-03-2019 BEO
Fixed Income	275,000	335,636.69	PVTPL NGPL PIPECO LLC	144A 7.768%	12-15-2037
Fixed Income	885,000	869,512.50	PVTPL NIELSEN CO LUX SARL/THE	5.0%	02-01-2025 BEO
Fixed Income	464,000	407,331.68	PVTPL NOVA CHEMICALS CORP SR NT	144A 5.25	06-01-2027
Fixed Income	95,000	94,881.25	PVTPL NOVELIS CORP	144A 5.875%	06-09-2026/09-14-2016 BEO
Fixed Income	905,000	864,275.00	PVTPL NOVELIS CORP	4.75%	01-30-2030 BEO
Fixed Income	600,000	680,791.23	PVTPL NXP B V/NXP FDG LLC/NXP USA	4.3%	06-18-2029
Fixed Income	200,000	215,189.67	PVTPL NXP B V/NXP FDG LLC/NXP USA INC	3.4%	05-01-2030 BEO
Fixed Income	1,800,000	1,688,216.22	PVTPL OAK HILL CREDIT PARTNERS VAR RT	DUE	10-22-2032
Fixed Income	1,515,403	1,494,019.91	PVTPL OCP CLO LTD SER 2015-10A CL A-1-R	FLTG 10-26-2027	
Fixed Income	500,000	436,668.75	PVTPL OHA LN FDG LTD SER 16-1A CL DR FRN	01-20-2033 BEO	
Fixed Income	240,000	235,800.00	PVTPL OPEN TEXT HLDGS INC	4.125%	02-15-2030
Fixed Income	500,000	462,875.00	PVTPL OPERADORA DE SERVICIOS MEGA S A DEC V	8.25%	02-11-2025
Fixed Income	600,000	543,000.00	PVTPL OUTFRONT MEDIA CAP	4.625%	03-15-2030
Fixed Income	90,000	81,000.00	PVTPL OUTFRONT MEDIA CAP LLC / OUTFRONT MEDIA CAP CORP	5.0%	08-15-2027
Fixed Income	90,000	92,369.99	PVTPL OXFORD FIN FDG 2019-1 LLC TERM NT	CL A-2 144A 4.459%	02-15-2027 BEO
Fixed Income	300,000	75,000.00	PVTPL PACIFIC DRILLING ESC ISS8.375%	06-01-2023	
Fixed Income	500,000	443,790.35	PVTPL PALMER SQUARE CLO 2015-2	LTD/PALMER SQ VAR RT	07-20-2030 BEO
Fixed Income	2,000,000	1,943,199.00	PVTPL PALMER SQUARE CLO 2019-1 LTD SER 19-1A CL C	FRN 11-14-2032 BEO	
Fixed Income	300,000	264,480.09	PVTPL PALMER SQUARE LN FDG 2018-3 LTD SER-18-3A CL-C	VAR 08-15-2026 BEO	
Fixed Income	600,000	602,970.00	PVTPL PANTHER BF AGGREGATOR 2 LP	FIXED 8.5%	05-15-2027
Fixed Income	455,000	469,218.75	PVTPL PANTHER BF AGGREGATOR 2 LP/PANTHER6.25%	05-15-2026	
Fixed Income	1,200,000	1,126,407.62	PVTPL PARK AEROSPACE HLDGS	5.25%	08-15-2022
Fixed Income	195,000	199,387.50	PVTPL PARK INTER HLDGS LLC/PK DOMESTIC	PPTY 7.5%	06-01-2025/06-01-2022 BEO
Fixed Income	605,000	627,687.50	PVTPL PARKLAND FUEL CORP	5.875%	06-01-2027 BEO
Fixed Income	810,000	733,050.00	PVTPL PARLEY ENERGY LLC/PARLEY FIN	CORP 4.125%	02-15-2028 BO
Fixed Income	497,531	483,505.81	PVTPL PENNSYLVANIA HIGHER ED ASSISTANCE A VAR RT	DUE 11-25-2065	
Fixed Income	1,800,000	1,984,227.34	PVTPL PENSKE TRUCK LEASING CO L P/PTL	FIN CO SR NT 144A 4.45%	01-29-2026
Fixed Income	700,000	758,757.85	PVTPL PENSKE TRUCK LEASING CO L P/PTL	3.95%03-10-2025	
Fixed Income	200,000	200,250.00	PVTPL PERUSAHAAN PENERBIT SBSN INDONESIA III T	2.3%	06-23-2025 BEO
Fixed Income	700,000	693,000.00	PVTPL PETKIM PETROKIMYA HLDG A S	5.875%	06-01-2023/01-26-2018 BEO
Fixed Income	1,400,000	1,394,400.00	PVTPL PETROBRAS GLOBAL FIN B	V 5.093%	01-15-2030
Fixed Income	700,000	616,175.00	PVTPL PETROLEOS MEXICANOS	6.84%	01-23-2030/09-23-2019 BEO
Fixed Income	200,000	253,174.73	PVTPL PETRONAS CAP LTD NT	144A 4.55%	04-21-2050/10-21-2049 BEO
Fixed Income	1,400,000	1,459,500.00	PVTPL PETROPAVLOSK 2016	8.125% 11-14-2022	
Fixed Income	300,000	300,562.50	PVTPL PETSMART INC	5.875%	06-01-2025
Fixed Income	930,000	897,450.00	PVTPL PFG ESCROW CORP	5.5%	06-15-2027/09-27-2019 BEO
Fixed Income	580,000	584,350.00	PVTPL PISCES MIDCO INC SR NT	144A 8%	06-04-15-2026/04-12-2018 BEO
Fixed Income	300,000	315,634.20	PVTPL PKO FIN AB PUBL LN PARTN NT	4.63	06-09-26-2022 BEO
Fixed Income	395,000	347,600.00	PVTPL POLARIS INTER CORP	8.5% 12-01-2022	
Fixed Income	345,000	356,212.50	PVTPL POST HLDGS INC SR	5.75%	06-03-01-2027 BO
Fixed Income	840,000	868,660.80	PVTPL POST HLDGS INC SR NT	144A 5.5%	06-12-15-2029/07-03-2019 BEO
Fixed Income	1,335,000	1,381,725.00	PVTPL POST HLDGS INC SR NT	144A 5.625%	01-15-2028
Fixed Income	2,340,000	2,426,580.00	PVTPL PRIME SEC SVCS BORROWER LLC/PRIME FIN	5.75% 04-15-2026	
Fixed Income	805,000	758,712.50	PVTPL PRIME SECURITY SERVICES	6.25% 01-15-2028	
Fixed Income	19,813	19,813.23	PVTPL PROSPER MARKETPLACE ISSUANCE T SER-19-1A CL-A	3.54% 04-15-2025 BEO	
Fixed Income	1,000,000	1,047,101.92	PVTPL PROSUS N V	3.68% 01-21-2030	
Fixed Income	600,000	402,011.97	PVTPL PT ABM INVESTAMA TBK SR NT	7.125% DUE 08-01-2022 BEO	
Fixed Income	500,000	471,875.00	PVTPL PT ADARO INDONESIA	4.25% DUE 10-31-2024	
Fixed Income	950,000	1,028,336.60	PVTPL PT INDONESIA ASAHDAN ALUMINUM PERSERO	5.71% DUE 11-15-2023 BEO	
Fixed Income	300,000	302,022.70	PVTPL PT PERTAMINA PERSERO GLOBAL MEDIUMTERM	3.1% DUE 01-21-2030	
Fixed Income	220,000	242,886.11	PVTPL PUGET ENERGY INC NEW SR SECD NT	144A 4.1% DUE 06-15-2030/05-19-2020 BEO	
Fixed Income	700,000	586,250.00	PVTPL PUGET ENERGY INC NEW SR SECD NT	144A 5.5% DUE 01-24-2026	
Fixed Income	600,000	683,215.20	PVTPL QATAR ST	3.75% 04-16-2030 REG	
Fixed Income	33,900	34,137.30	PVTPL RAS LAFFAN LIQUEFIED NAT GAS CO	LTD II BD SER A 144A 3C7 5.298 9-30-20	
Fixed Income	415,000	388,025.00	PVTPL REALOGY GROUP LLC/REALOGY	CO-ISSUER CO 144A 4.875	
Fixed Income	655,000	610,853.00	PVTPL REALOGY GROUP LLC/REALOGY	CO-ISSUER FIXED 9.375% 04-01-2027 BEO	
Fixed Income	1,654,000	1,455,520.00	PVTPL REDE D OR FIN	4.5% DUE 01-22-2030	
Fixed Income	600,000	649,949.64	PVTPL RELIANCE IND LTD SR NT	4.125% DUE 01-28-2025 BEO	
Fixed Income	300,000	347,250.00	PVTPL REPUBLIC OF PARAGUAY	5.4% DUE 03-30-2050 REG	

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Fixed Income	1,180,000	1,153,450.00	PVTPL RESIDEO FDG INC 6.125% DUE 11-01-2026
Fixed Income	355,000	315,950.00	PVTPL RYP HOTEL PPTYS LP & RHP FIN CORP SR NT 4.75% DUE 10-15-2027
Fixed Income	250,000	250,937.50	PVTPL RIO OIL FIN TR 8.2% DUE 04-06-2028
Fixed Income	587,633	599,385.81	PVTPL RIO OIL FIN TR SER 2014-1 144A 6.25 DUE 07-06-2024
Fixed Income	1,400,000	1,382,811.08	PVTPL RISERVA CLO LTD SER 16-3A CL A-R FLTG FLTG RT 10-18-2028
Fixed Income	700,000	653,862.79	PVTPL RISERA CLO LTD/RISERA CLO LLC SER 16-3A CL D-R FLTG RT 10-18-2028
Fixed Income	445,000	464,335.40	PVTPL ROYAL CARIBBEAN CRUISES LTD 11.5% DUE 06-01-2025/05-19-2020 BEO
Fixed Income	400,000	396,497.10	PVTPL ROYAL CARIBBEAN CRUISES LTD 9.125% DUE 06-15-2023 BEO
Fixed Income	800,000	806,010.40	PVTPL RRNEW CLEAN ENERGY PRIVATE LTD 144A 6.67% 03-12-2024
Fixed Income	800,000	800,000.00	PVTPL RUMO LUXEMBOURG S A R L SR NT 144A5.25% DUE 01-10-2028/01-10-2024 BEO
Fixed Income	500,000	524,674.75	PVTPL S A C I FALABELLA SR NT 144A 4.375% DUE 01-27-2025/10-27-2014 BEO
Fixed Income	300,000	154,503.00	PVTPL SAMARCO MINERAÇAO S A NT 144A 0.0% IN DEFAULT12-31-2040 BEO
Fixed Income	4,300,000	4,496,932.26	PVTPL SANTANDER 2 SER 19-A CLS 2.51% DUE 01-26-2032 BEO
Fixed Income	300,000	325,062.00	PVTPL SANTANDER UK GROUP HLDGS PLC SUB NT 4.75% DUE 09-15-2025 BEO
Fixed Income	500,000	565,547.74	PVTPL SAUDI ARABIAN OIL CO FIXED 4.375% 04-16-2049
Fixed Income	23,666	23,772.44	PVTPL SCF EQUIP LEASING 2017-1 LLC EQUIPCONT BACKED NT CL A 144A 3.77 01-20-2023
Fixed Income	51,699	51,827.95	PVTPL SCF EQUIP LEASING SER 17-2A CL A 3.41% 12-20-2023
Fixed Income	190,000	188,871.40	PVTPL SCI APPLICATIONS INTL CORP NEW SR NT 144A 4.875 DUE 04-01-2028
Fixed Income	300,000	240,000.00	PVTPL SCIENTIFIC GAMES INTL INC 7.25% DUE 11-15-2029
Fixed Income	110,000	115,585.38	PVTPL SEAGATE HDD CAYMAN 4.125% DUE 01-15-2031 BEO
Fixed Income	1,090,000	1,101,935.50	PVTPL SELECT MEDICAL CORP 6.25% DUE 08-15-2026 BEO
Fixed Income	300,000	297,000.00	PVTPL SENSA TECHNOLOGIES INC 4.375% DUE 02-15-2030
Fixed Income	345,000	327,750.00	PVTPL SHEA HOMES LTD PARTNERSHIP/SHEA HOMES 4.75% DUE 02-15-2028
Fixed Income	260,000	227,418.60	PVTPL SHIRAM TRANS FIN CO LTD 5.1% DUE 07-16-2023 BEO
Fixed Income	390,000	398,607.30	PVTPL SIRIUS XM HOLDINGS INC 5.0% DUE 08-01-2027
Fixed Income	635,000	627,989.60	PVTPL SIRIUS XM RADIO INC 4.125% DUE 07-01-2030/06-11-2020 BEO
Fixed Income	330,000	340,804.20	PVTPL SIRIUS XM RADIO INC 5.375% 07-15-2026
Fixed Income	1,710,000	1,799,980.20	PVTPL SIRIUS XM RADIO INC 5.5% DUE 07-01-2029
Fixed Income	820,000	840,500.00	PVTPL SIRIUS XM RADIO INC FIXED 4.625% 07-15-2024
Fixed Income	130,000	130,989.30	PVTPL SIRIUS XM RADIO INC SR NT 144A 3.875% DUE 08-01-2022/08-01-2020 BEO
Fixed Income	410,000	412,255.00	PVTPL SIRIUS XM RADIO INC SR NT 144A 4.625% DUE 05-15-2023/05-15-2020 BEO
Fixed Income	240,000	214,800.00	PVTPL SIX FLAGS ENTMT CORP NEW 4.875% DUE 07-31-2024/06-16-2016
Fixed Income	270,000	241,312.50	PVTPL SIX FLAGS ENTMT CORP NEW SR NT 5.5% DUE 04-15-2027
Fixed Income	320,000	330,800.00	PVTPL SIX FLAGS THEME PARKS INC SR SECD NT 144A 7% DUE 07-01-2025/04-22-2020
Fixed Income	560,000	605,765.85	PVTPL SMITHFIELD FOODS INC FIXED 5.2% 04-01-2029 BEO
Fixed Income	800,000	790,000.00	PVTPL SPECTRUM BRANDS INC 5.0% DUE 10-01-2029/09-24-2019 BEO
Fixed Income	470,000	470,587.50	PVTPL SPECTRUM BRANDS INC SR NT 144A 5.5% DUE 07-15-2030/07-15-2025 BEO
Fixed Income	220,000	200,200.00	PVTPL SPEEDWAY MOTORSPORTS LLC/SPEEDWAY 4.875% 11-01-2027
Fixed Income	790,000	779,137.50	PVTPL SPIRIT AEROSYSTEMS INC 7.5% DUE 04-15-2025/04-17-2020 BEO
Fixed Income	700,000	805,000.00	PVTPL SPRINT SPECTRUM /SPRINT 5.152% 03-20-2028
Fixed Income	2,020,000	2,049,572.80	PVTPL SS&C TECHNOLOGIES INC 144A 5.5% 03-28-2019
Fixed Income	950,000	1,012,709.50	PVTPL ST MARYS CEM INC CDA GTD NT USD 144A 5.75% DUE 01-28-2027/10-03-2016 BEO
Fixed Income	1,580,000	1,241,485.00	PVTPL STAPLES INC 7.5% 04-15-2026
Fixed Income	400,000	442,187.52	PVTPL STATE GRID OVERSEAS INVTL 2016 LTD GTD 3.5% DUE 05-04-2027 BEO
Fixed Income	200,000	215,032.93	PVTPL STATE GRID OVERSEAS INVTL 2016 LTD SR GTD NT 144A 2.875% DUE 05-18-2026 BEO
Fixed Income	650,000	620,750.00	PVTPL STENA INTL S A 6.125% DUE 02-01-2025
Fixed Income	1,600,000	1,591,576.00	PVTPL STRUCTURED ASSET INVTL LN TR SER 05-1 CL M3 FLTG 144A 02-25-2035
Fixed Income	500,000	443,745.45	PVTPL SYMPHONY CLO XXII LTD/SYMPHONY CLO SR 20-22A CL D FLTG 04-18-2033
Fixed Income	1,100,000	1,110,708.52	PVTPL SYNGENTA FIN N IN GTD SR NT 3.933% 04-23-2021 BEO
Fixed Income	34,167	34,404.64	PVTPL TAL ADVANTAGE V LLC SER 2013-2 CL A 3.55 DUE 11-20-2038 BEO
Fixed Income	270,000	270,000.00	PVTPL TALEN ENERGY SUPPLY LLC SR SECD NT 144A 7.625 DUE 06-01-2028/05-22-2020 BEO
Fixed Income	720,000	716,400.00	PVTPL TALEN ENERGY SUPPLY LLC 7.25% 05-15-2027
Fixed Income	970,000	766,300.00	PVTPL TALEN ENERGY SUPPLY LLC SR NT 10.5% DUE 01-15-2026
Fixed Income	85,000	83,193.75	PVTPL TALEN ENERGY SUPPLY LLC SR SECD NT 6.625% 01-15-2028
Fixed Income	250,000	216,250.00	PVTPL TALLGRASS ENERGY PARTNERS LP 5.5% DUE 01-15-2028 BEO
Fixed Income	415,000	368,312.50	PVTPL TALLGRASS ENERGY PARTNERS LP 6% DUE 03-01-2027/02-20-2020 BEO
Fixed Income	280,000	252,859.60	PVTPL TALLGRASS ENERGY PARTNERS LP/TALLGRASS SR 5.5% 09-15-2024
Fixed Income	990,000	1,019,700.00	PVTPL TAYLOR MORRISON CMNTYS INC 5.75% 01-15-2028
Fixed Income	335,000	343,375.00	PVTPL TAYLOR MORRISON CMNTYS INC / MONARCH CMN 5.625 DUE 03/01/24 USD1000
Fixed Income	620,000	642,158.80	PVTPL TAYLOR MORRISON CMNTYS INC SR NT 5.875% 06-15-2027
Fixed Income	280,000	275,979.65	PVTPL TCI-FLATIRON CLO FLTG RT SER 16-1A CL AR 07-17-2028
Fixed Income	850,000	826,836.40	PVTPL TCI-FLATIRON CLO LTD SER 16-1A CL DR FLTG RT 07-17-2028
Fixed Income	550,000	706,658.80	PVTPL TEACHERS INS & 4.9% DUE 09-15-2044
Fixed Income	710,000	411,800.00	PVTPL TEAM HEALTH HOLDINGS INC 144A 6.375% DUE 02-01-2025/02-01-2020 BEO
Fixed Income	215,000	213,999.97	PVTPL TECK RESOURCES LIMITED 3.9% DUE 07-15-2030 BEO
Fixed Income	640,000	588,800.00	PVTPL TEGNA INC SR NT 144A 4.625% DUE 03-15-2028
Fixed Income	300,000	308,265.00	PVTPL TELEFONICA CHILE S A SR NT 3.875 DUE 10-12-2022 BEO
Fixed Income	560,000	548,800.00	PVTPL TELESAT CANADA/TELESAT LLC 4.875% DUE 06-01-2027
Fixed Income	110,000	107,835.20	PVTPL TELESAT CDA 6.5% 10-15-2027
Fixed Income	400,000	399,505.77	PVTPL TENCENT HLDGS LTD MEDIUM TERM NTS 144A 2.39% DUE 06-03-2030/06-03-2020 REG
Fixed Income	500,000	501,101.24	PVTPL TENCENT HOLDINGS LIMITED 3.24% 06-03-2050
Fixed Income	295,000	287,389.00	PVTPL TENET HEALTHCARE CORP 4.625% DUE 06-15-2028 BEO
Fixed Income	1,795,000	1,633,450.00	PVTPL TEREX CORP BNDS 144A 5.625% DUE 02-01-2025
Fixed Income	200,000	210,000.00	PVTPL TERMOCANELARIA PWR LTD GTD NT 144A 7.875% 01-30-2029
Fixed Income	200,000	212,898.00	PVTPL TEVA PHARMACEUTICAL FIN NETH III B V 7.125% DUE 01-31-2025 BEO
Fixed Income	1,891,048	1,836,353.50	PVTPL TICP CLO II-2 LTD/TICP CLO II-2 LLC SER 18-IIA CL A1 FLTG 04-20-2028
Fixed Income	500,000	428,367.30	PVTPL TICP CLO LTD SER 17-1A CL DR FLTG 04-15-2033
Fixed Income	450,000	424,003.59	PVTPL TICP CLO XIII LTD/TICP CLO XIII LLC SR 19-13A CL D VAR RT 07-15-2032
Fixed Income	500,000	447,860.80	PVTPL TICP CLO XIV LTD/TICP CLO XV LLC SR 20-15A CL D FLTG 04-20-2033
Fixed Income	3,200,000	3,808,736.00	PVTPL T-MOBILE USA INC 4.5% DUE 04-15-2050
Fixed Income	98,214	99,253.33	PVTPL TORO MTG FDG TR 2017-REVERSE JUMBO 1 SER 2017-RJ1 CL A1 4.0% 04-25-2074
Fixed Income	1,000,000	1,029,640.67	PVTPL TRANCHE # TR 00007 4% DUE 03-18-2026 BEO
Fixed Income	1,990,000	1,985,064.80	PVTPL TRANSDIGM INC 6.25% 03-15-2026
Fixed Income	1,000,000	969,240.00	PVTPL TRANSNET SOC LTD GLOBAL MEDIUM TERM NTS TRANCHE # TR 3 4
Fixed Income	250,000	136,250.00	PVTPL TRANSOCEAN INC 7.5% DUE 01-15-2026 BEO
Fixed Income	1,190,000	648,550.00	PVTPL TRANSOCEAN INC SR NT 7.25% 11-01-2025 BEO
Fixed Income	1,300,000	1,278,803.63	PVTPL TREMAN PK CLO LTD/TREMAN PK CLO LLC SR SECD NT CL A-RR FLTG 144A 3C7 VAR
Fixed Income	500,000	438,094.30	PVTPL TRESTLES CLO III LTD SR 20-3A CL D FLTG RT 01-20-2033
Fixed Income	595,000	609,875.00	PVTPL TRIDENT TPI HLDGS INC SR NT 144A 9.25% DUE 08-01-2024 BEO
Fixed Income	270,000	255,825.00	PVTPL TRINSEO MATLS OPER S C A/TRINSEO 5.375% DUE 09-01-2025
Fixed Income	266,000	245,126.00	PVTPL TRONX FINANCE PLC BNDS 5.75% 10-01-2025

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Fixed Income	1,010,000	944,350.00	PVTPL TRONOX INC SR NT 144A 6.5%	04-15-2026
Fixed Income	800,000	841,264.00	PVTPL TURK TELEKOMUNIKASYON A S	6.875% 02-28-2025
Fixed Income	755,000	732,123.50	PVTPL TURKIYE IS BANKASI A S 6.125%	04-25-2024
Fixed Income	201,000	191,134.92	PVTPL TURKIYE SINAI KALKINMA BANKASI A S6% DUE 01-23-2025 BEO	
Fixed Income	700,000	720,570.20	PVTPL TURKIYE SISE VE CAM FABRIKALARI 6.95% 03-14-2026	
Fixed Income	755,000	784,256.25	PVTPL UBS GROUP FDG SWITZ AG CONV CORP	7.0% 12-31-2049
Fixed Income	100,000	113,345.46	PVTPL UBS GROUP FUNDING 4.125% 09-24-2025 BEO	
Fixed Income	400,000	406,600.00	PVTPL ULTRAPAR INTL S A NT 5.25%	DUE 06-06-2029 BEO
Fixed Income	1,300,000	1,373,534.84	PVTPL UNICREDIT SPA 6.572% DUE	01-14-2022 BEO
Fixed Income	1,000,000	800,000.00	PVTPL UNIGEL LUXEMBOURG S A 8.75% DUE	10-01-2026
Fixed Income	1,365,000	1,383,113.55	PVTPL UNITI GROUP LP/UNITI FIBER HLDGS INC/7.875% DUE 02-15-2025	
Fixed Income	155,000	159,887.46	PVTPL UPJOHN INC BDS 2.3% DUE	06-22-2027 BEO
Fixed Income	40,000	41,192.91	PVTPL USAA CAP CORP 2.125% DUE	05-01-2030 REG
Fixed Income	350,000	321,125.00	PVTPL USIMINAS INTL S A R L 5.875%	07-18-2026
Fixed Income	50,000	50,437.50	PVTPL USIS MERGER SUB INC	6.875% DUE 05-01-2025 BEO
Fixed Income	390,000	408,037.50	PVTPL VAIL RESORTS INC 6.25%	05-15-2025
Fixed Income	500,000	530,625.00	PVTPL VALEANT PHARMACEUTICALS INTL 8.5% 01-31-2027	
Fixed Income	1,850,000	2,007,065.00	PVTPL VALEANT PHARMACEUTICALS INTL 9.25% 144A 04-01-2026	
Fixed Income	60,000	60,000.00	PVTPL VALEANT PHARMACEUTICALS INTL INC CDA SR NT 144A 5.5% DUE	03-01-2023
Fixed Income	1,205,000	1,222,195.35	PVTPL VALEANT PHARMACEUTICALS USD SR 6.125% DUE 04-15-2025/03-27-2015	
Fixed Income	500,000	357,500.00	PVTPL VEDANTA RES FIN II PLC 9.25%	04-23-2026
Fixed Income	700,000	497,350.00	PVTPL VEDANTA RES PLC BD 144A 7.125% DUE05-31-2023 BEO	
Fixed Income	355,000	271,575.00	PVTPL VEDANTA RESOURCES LIMITED 6.375% DUE	07-30-2022 BEO
Fixed Income	2,480,780	2,431,750.01	PVTPL VENTURE CDO LTD SR 14-17A CL ARR	FLTG 04-15-2027
Fixed Income	210,000	210,000.00	PVTPL VERTICAL HOLDCO GMBH SR NT USD 144A 7.625 DUE	07-15-2028/07-15-2020 BEO
Fixed Income	840,000	840,000.00	PVTPL VERTICAL U S NEWCO INC 5.25% DUE	07-15-2027
Fixed Income	300,000	307,125.00	PVTPL VIASAT INC 5.625%E	04-15-2027
Fixed Income	170,000	162,775.00	PVTPL VICI PPTYS /NT 4.25%	DUE 12-01-2026
Fixed Income	190,000	185,250.00	PVTPL VICI PPTYS L P/VICI NT	4.625% DUE 12-01-2029
Fixed Income	1,100,000	1,135,282.53	PVTPL VISTRA OPERATIONS CO LLC 3.55% DUE	07-15-2024
Fixed Income	510,000	534,225.00	PVTPL VIZIENT INC FIXED 6.25%	05-15-2027 BEO
Fixed Income	750,000	725,535.00	PVTPL VM HLDG SA 5.375%	05-04-2027
Fixed Income	1,200,000	1,113,398.52	PVTPL VOYA CLO 2019-2 LTD/VOYA CLO 2019-2 LL 3C7 CL D	FLTG DUE 07-20-2032
Fixed Income	1,400,000	1,323,774.62	PVTPL VOYA CLO 2019-3 LTD/VOYA CLO	2019-3A CL D 10-17-2032
Fixed Income	250,000	255,125.00	PVTPL VTR COMUNICACIONES SPA 144A 5.125%DUE	01-15-2028/07-01-2020 BEO
Fixed Income	542,000	554,422.64	PVTPL VTR FIN B V SR SECD NT 6.875	DUE 01-15-2024
Fixed Income	250,000	256,567.50	PVTPL VTR FIN N V 6.375% DUE	07-15-2028 BEO
Fixed Income	900,000	951,183.00	PVTPL WAND MERGER CORP SR NT 9.125%	07-15-2026
Fixed Income	370,000	379,094.60	PVTPL WATCO COS L L C/WATCO FIN CORP SR NT 144A 6.5% DUE	06-15-2027/06-18-2020
Fixed Income	720,000	758,253.60	PVTPL WESCO DISTR INC 7.125% DUE	06-15-2025
Fixed Income	600,000	634,500.00	PVTPL WESCO DISTR INC 7.25% DUE	06-15-2028
Fixed Income	1,240,000	1,199,700.00	PVTPL WEST STR MERGER SUB INC SR	6.375% DUE 09-01-2025 BEO
Fixed Income	960,000	988,800.00	PVTPL WILLIAM CARTER CO SR NT 5.625% 03-15-2027	
Fixed Income	290,000	292,914.50	PVTPL WMG ACQUISITION CORP 3.875% DUE	07-15-2030/06-29-2020 BEO
Fixed Income	400,000	419,000.00	PVTPL WOLVERINE WORLD WIDE INC 6.375%	DUE 05-15-2025 BEO
Fixed Income	130,000	125,125.00	PVTPL WYNDHAM HOTELS & RESORTS INC	5.375% 04-15-2026
Fixed Income	1,400,000	1,281,000.00	PVTPL WYNN LAS VEGAS LLC/WYNN LAS VEGAS CAP 5.5% DUE	03-01-2025
Fixed Income	500,000	485,000.00	PVTPL WYNN MACAU LTD 5.125% DUE	12-15-2029 BEO
Fixed Income	720,000	643,500.00	PVTPL WYNN RESORTS FIN LLC/WYNN RESORTS CAP SR NT 5.125% DUE	10-01-2029
Fixed Income	600,000	591,260.30	PVTPL XIAMIO BEST TIME INTL LTD SR NT 144A 3.375% DUE	04-29-2030 BEO
Fixed Income	100,000	104,750.00	PVTPL XPO LOGISTICS INC SR NT 144A 6.25% DUE	05-01-2025/04-28-2020 BEO
Fixed Income	155,000	160,231.71	PVTPL YARA INTL ASA NT 144A 3.148% DUE	06-04-2030/06-04-2020 BEO
Fixed Income	700,000	526,750.00	PVTPL YPF ENERGIA ELECTRICA S A \$1.00% DUE	07-25-2026
Fixed Income	155,000	167,206.25	PVTPL YUM BRANDS INC SR NT 144A 7.75% DUE	04-01-2025/04-01-2020 BEO
Fixed Income	200,000	194,500.00	PVTPL ZAYO GROUP HLDGS INC SR NT 144A 6.125% DUE	03-01-2028/03-09-2020
Fixed Income	250,000	249,970.00	PVTPL ZF NORTH AMER CAP INC NT 144A 4.75% DUE	04-29-2025 BEO
Fixed Income	200,000	198,440.00	PVTPL ZIGGO BD CO BV 5.125% DUE	02-28-2030
Fixed Income	635,000	632,752.10	PVTPL1 NIELSEN FIN LLC 144A 5 DUE 04-15-2022	
Fixed Income	655,000	684,691.15	PVTPLNEXTERA ENERGY OPER PARTNERS LP SR NT 4.5% 09-15-2027	
Fixed Income	755,000	704,037.50	PVTPLNOVA CHEMICALS CORP BNDS 144A 4.875% 06-01-2024	
Fixed Income	400,000	397,661.84	PWR FIN 4.5% 18/06/2029	
Fixed Income	400,000	442,803.44	PWR FIN CORP LTD 6.15% DUE	12-06-2028
Fixed Income	200,000	247,540.00	QATAR ST 4.4% 144A 04-16-2050 REG	
Fixed Income	500,000	528,925.00	QIIB SENIOR SUK LI 4.264% SUK 05/03/24 USD1000	
Fixed Income	800,000	820,000.00	QNB FINANSBANK AS 6.875% SNR MTN	07/09/24 USD
Fixed Income	730,000	747,578.40	QORVO INC 4.375% DUE 10-15-2029	
Fixed Income	200,000	208,754.00	QTEL INTERNATIONAL FIN BNDS 3.25%	21/02/2023
Fixed Income	50,000	43,500.00	QUAD / GRAPHICS 7% DUE 05-01-2022	
Fixed Income	100,000	130,758.94	QUALCOMM INC 4.8% DUE 05-20-2045	
Fixed Income	700,000	632,989.00	QVC INC 5.45% DUE 08-15-2034	
Fixed Income	155,000	180,955.81	RAC BOND CO PLC 4.5% GTD 06/05/2046 GBP	
Fixed Income	2,840,203	2,701,743.28	RACKSPACE HOSTING INC RACKSPACE HOSTING INC TERM LOAN DUE	11-03-2023 BEO
Fixed Income	500,000	470,000.00	RADIAN GROUP INC 4.875% DUE 03-15-2027	
Fixed Income	2,143,029	2,041,234.73	RADIATE HOLDCO, LLC RADIATE HOLDCO, LLC (AKA RCN GRANDE) TERM LOAN 2-01-2024	
Fixed Income	1,020,000	770,100.00	RANGE RES CORP 4.875% DUE 05-15-2025	
Fixed Income	555,000	498,978.30	RANGE RES CORP 9.25% DUE 02-01-2026	
Fixed Income	470,000	560,102.65	RAYMOND JAMES FINL INC 4.65%	04-01-2030
Fixed Income	624,000	912,600.00	RBS CAP TR II FLTG RT 6.425% DUE	12-29-2049
Fixed Income	460,000	460,092.00	REALOGY GROUP LLC 7.625% DUE 06-15-2025	
Fixed Income	903,505	829,110.34	REALOGY GROUP LLC TERM BANK LOAN 01-26-2025	
Fixed Income	1,468,734	1,433,117.66	REFINITIV US HOLDINGS INC. (FKA INITIAL DOLLAR TERM 10-01-2025 BEO	
Fixed Income	266,000	280,676.20	REGENCY ENERGY 5.875% DUE 03-01-2022	
Fixed Income	1,707,324	1,596,125.93	REGIONALCARE HOSPITAL PARTNERS , INC. TERM LOAN B DUE 11-16-2025	
Fixed Income	2,555,000	2,778,503.35	REGIONS FINL CORP 3.8% DUE 08-14-2023	
Fixed Income	350,000	358,750.00	REGIONS FINL CORP NEW DEP SHS REPSTG 1/1000TH 5.75% 12-31-2049	
Fixed Income	70,000	72,623.67	REINS GROUP AMER FIXED 3.15% DUE	06-15-2030
Fixed Income	1,000,000	1,066,380.93	RELX CAP INC 3.5% DUE 03-16-2023	
Fixed Income	75,000	80,835.00	RELX CAPITAL INC 3.0% DUE 05-22-2030 BEO	
Fixed Income	369,210	351,400.21	RENAISSANCE HOME FLTG RT .69163% DUE 03-25-2034	
Fixed Income	500,000	414,955.00	REP OF TAJIKISTAN 7.125% BDS 7.125% 14/09/2027	
Fixed Income	500,000	183,827.50	REPUBLIC OF ARGENTINA 8.75% 07/05/2024	

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Fixed Income	90,000	89,325.00	REPUBLIC OF COLOMBIA 3.125% DUE 04-15-2031 REG
Fixed Income	200,000	205,800.45	REPUBLIC OF INDONESIA BD T BOND 3.5% 02-14-2050
Fixed Income	325,000	329,049.62	REPUBLIC OF ITALY 2.375% DUE 10-17-2024
Fixed Income	1,000,000	1,115,000.00	REPUBLIC OF PARAGUAY 4.95% 144A 04-28-2031
Fixed Income	350,000	364,000.00	REPUBLIC OF PERU 2.392% DUE 01-23-2026 REG
Fixed Income	35,000	37,327.50	REPUBLIC OF PERU 2.783% DUE 01-23-2031 REG
Fixed Income	555,000	620,044.52	REXEL 2.75% 15/06/2026
Fixed Income	1,200,000	1,474,987.21	REYNOLDS AMERN INC FIXED 5.85% DUE 08-15-2045
Fixed Income	1,887,816	1,798,899.41	REYNOLDS GROUP HOLDINGS INC. TERM LOAN DUE 02-05-2023 BEO
Fixed Income	736,999	860,558.55	RMAC SEC'S NO 1 PLC FRN M/BKD 06/2044 GBP'A2A'
Fixed Income	500,000	461,400.00	ROCKIES EXPRESS 3.6% DUE 05-15-2025
Fixed Income	1,000,000	1,059,624.67	RODENSTOCK GMBH TERM LOAN 15/06/2026
Fixed Income	300,000	364,432.98	ROMANIA(REP OF) 3.624% SNR MTN 26/05/30 EUR
Fixed Income	200,000	206,232.00	ROSNEFT INTERNATIO 4.199% SNR 06/03/2022USD
Fixed Income	764,000	918,049.72	ROSSINI SARL 6.75% SNR SEC 30/10/25 EUR
Fixed Income	900,000	970,329.86	ROYAL BK SCOTLAND 3.875% DUE 09-12-2023
Fixed Income	300,000	332,117.78	ROYAL BK SCOTLAND 6.1% DUE 06-10-2023
Fixed Income	1,000,000	1,039,750.00	ROYAL BK SCOTLAND 8.625% DUE 12-31-2049
Fixed Income	955,000	967,415.00	ROYAL BK SCOTLAND GROUP PLC 6.0% 12-31-2049
Fixed Income	800,000	870,162.62	ROYAL BK SCOTLAND GROUP PLC 4.269% DUE 03-22-2025
Fixed Income	900,000	977,327.02	ROYAL BK SCOTLAND GROUP PLC 4.519% DUE 06-25-2024
Fixed Income	500,000	588,750.34	ROYAL BK SCOTLAND GROUP PLC 4.892% 05-18-2029
Fixed Income	1,400,000	1,404,900.00	ROYAL BK SCOTLAND GRP PLC PERPETUAL SUB FLTG RT DUE 12-29-2049
Fixed Income	200,000	211,000.00	RUMO LUXEMBOURG S 5.875% DUE 01-18-2025
Fixed Income	800,000	837,432.00	RUMO LUXEMBOURG S 7.375% DUE 02-09-2024
Fixed Income	147,500	170,142.43	RUSSIAN FEDN MINISTRY FIN VAR BDS REG'S 7.5 DUE 03-31-2030 REG
Fixed Income	153,000	168,124.28	RYANAIR LTD MTN 1.875% 17/06/2021
Fixed Income	500,000	517,089.72	RYDER SYSTEM INC FIXED 2.9% DUE 12-01-2026
Fixed Income	300,000	319,396.80	SABIC CAP II B V 4% DUE 10-10-2023
Fixed Income	1,915,000	2,156,576.85	SABINE PASS 5.75% DUE 05-15-2024
Fixed Income	1,900,000	2,232,500.00	SABINE PASS LIQUEFACTION LLC 5.875% 06-30-2026
Fixed Income	40,000	36,360.05	SABRA HLTH CARE 3.9% DUE 10-15-2029
Fixed Income	200,000	209,869.90	SACI FALABELLA 4.375% DUE 01-27-2025
Fixed Income	500,000	457,500.00	SAKA ENERGI PT 4.45% 05/05/2024
Fixed Income	200,000	194,328.00	SALLY HLDGS LLC / 5.625% DUE 12-01-2025
Fixed Income	596,000	619,230.10	SAMHALLSBYGG I NOR 2.624%-FRN SUB PERP EUR
Fixed Income	6,000,000	6,001,920.00	SAN DIEGO CALIF CONVENTION CTR EXPANSION 2.187% DUE 04-15-2027
Fixed Income	40,000	50,879.60	SAN FRANCISCO CALIF CITY & CNTY CTFS PARTN 6.362% 11-01-2029 BEO TAXABLE
Fixed Income	45,000	46,241.10	SAN JOSE CALIF ARPT REV 6.45% 03-01-2032BEO TAXABLE
Fixed Income	135,000	138,689.55	SAN JOSE CALIF ARPT REV 6.6% 03-01-2041 BEO TAXABLE
Fixed Income	250,000	249,250.00	SAN MIGUEL INDSTR 4.5% GTD SNR 18/09/2022 USD
Fixed Income	200,000	208,290.00	SANDS CHINA LTD 4.375% 06-18-2030
Fixed Income	1,200,000	1,263,360.00	SANDS CHINA LTD FIXED 4.6% 08-08-2023
Fixed Income	800,000	883,024.00	SANDS CHINA LTD FIXED 5.4% DUE 08-08-2028
Fixed Income	605,916	609,290.16	SANTANDER DR AUTO 3.39% DUE 04-15-2022
Fixed Income	540,000	549,694.51	SANTANDER DR AUTO 3.56% DUE 07-15-2024
Fixed Income	1,530,000	1,549,292.23	SANTANDER DR AUTO RECEIVABLES SER 19-3 CL B 2.87% 09-15-2023 REG
Fixed Income	125,000	126,319.06	SANTANDER DR AUTO RECEIVABLES SER 19-3 CL C 2.49% 10-15-2025 REG
Fixed Income	125,000	130,023.48	SANTANDER HLDGS 3.4% DUE 01-18-2023
Fixed Income	150,000	156,252.83	SANTANDER HLDGS FIXED 3.45% DUE 06-02-2025
Fixed Income	5,010,000	5,057,989.79	SANTANDER RETAIL 2.58% DUE 08-21-2023
Fixed Income	650,000	664,203.84	SANTANDER UK GROUP 2.875% DUE 08-05-2021
Fixed Income	1,600,000	1,771,007.14	SANTANDER UK GROUP FLTG RT 4.796% DUE 11-15-2024
Fixed Income	1,500,000	1,899,966.69	SANTANDER UK PLC BNDS 31/12/2049
Fixed Income	1,045,000	1,072,821.34	SANTANDER UK PLC 3.4% DUE 06-01-2021
Fixed Income	450,000	400,500.00	SASOL FING USA LLC 5.875% DUE 03-27-2024
Fixed Income	300,000	339,328.64	SAUDI ARABIAN OIL 4.375% 16/04/2049
Fixed Income	500,000	571,195.00	SAUDI ELEC GL SUK4 4.723% SUK 27/09/2028USD
Fixed Income	200,000	213,929.00	SAUDI ELEC GLOBAL 4.0% 08/04/2024
Fixed Income	563,000	615,450.16	SAZKA GROUP A.S. 4.125% 20/11/2024
Fixed Income	250,000	266,080.00	SB CAPITAL SA 6.125% SNR 07/02/2022 USD
Fixed Income	1,385,859	1,331,006.32	SBA SENIOR FINANCE II LLC TERM LOAN B DUE 04-11-2025 BEO
Fixed Income	200,000	207,960.00	SBERBANK (SA CAP SA) 5.717% 16/06/2021
Fixed Income	700,000	666,721.69	SCENERY JOURNEY 11.5% 24/10/2022
Fixed Income	300,000	293,237.36	SCENERY JOURNEY 13% GTD SNR 06/11/2022 USD
Fixed Income	250,000	281,398.74	SCHWAB CHARLES 3.25% DUE 05-22-2029
Fixed Income	820,000	876,022.40	SCHWAB CHARLES FLTG RT 5.375% DUE 12-31-2049
Fixed Income	84,445	82,038.04	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION TERM LOAN B 03-05-2027
Fixed Income	98,213	94,959.92	SCIENCE APPLICATIONS INTERNATIONAL DUE 10-31-2025 BEO
Fixed Income	578,000	528,043.60	SCIENTIFIC GAMES 5.5% 15/02/2026
Fixed Income	50,000	40,000.00	SCIENTIFIC GAMES 7% DUE 05-15-2028
Fixed Income	300,000	280,410.00	SCIENTIFIC GAMES 8.625% DUE 07-01-2025
Fixed Income	467,538	412,368.89	SCIENTIFIC GAMES INTERNATIONAL INC. DUE 08-14-2024 BEO
Fixed Income	1,100,000	1,121,318.00	SCOTIABANK PERU FLTG RT 4.5% DUE 12-13-2027
Fixed Income	140,000	127,907.87	SCRIPPS NETWORKS 3.95% DUE 06-15-2025
Fixed Income	689,599	667,186.71	SCS HOLDINGS I INC (SIRIUS COMPUTER SOLUTIONS INC) TRANCHE B TRM LN 07-01-26
Fixed Income	700,000	771,925.68	SEAGATE HDD CYAMAN 5.75% DUE 12-01-2034
Fixed Income	534,131	470,569.17	SEAWORLD PARKS & ENTERTAINMENT INC (F/K/A SW ACQUISITIONS CO INC.) TERM LN
Fixed Income	1,200,000	1,032,549.60	SECURITIZED ASSET BACKED RECEIVABLES LLCSER 2005-OP2 CLS M3 FLTG RT 10-25-2035
Fixed Income	811,800	777,298.50	SEDGWICK CLAIMS MANAGEMENT SERVICES, INC. TERM BANK LOAN 09-03-2026 BEO
Fixed Income	872,857	827,398.46	SELECT MEDICAL CORPORATION TERM LOAN B 03-06-2025
Fixed Income	400,000	429,785.92	SEMPRA ENERGY 3.8% DUE 02-01-2038
Fixed Income	250,000	251,562.50	SEMPRA ENERGY 4.875% 12-31-2049
Fixed Income	250,000	251,750.00	SEPLAT PETROLEUM D 9.25% GTD SNR 01/04/23 USD
Fixed Income	593,878	540,428.58	SEQUA CORPORATION TL SENIOR SECURED FIRST LIEN DUE 11-28-2021 BEO
Fixed Income	188,180	192,943.52	SEQUOIA MTG TR FLTG RT 3.5% DUE 02-25-2047
Fixed Income	100,000	105,540.16	SERBIA (REPUBLIC) TBOND 1.5% 26/06/2029
Fixed Income	2,183,077	499,684.47	SERTA SIMMONS HOLDINGS, LLC TERM LOAN DUE 11-08-2023 BEO
Fixed Income	400,000	360,210.39	SGL CARBON SE 4.625% GTD 30/09/2024 EUR
Fixed Income	700,000	801,142.92	SIG COMBIBLOC GROU 2.125% SNR 18/06/2025EUR
Fixed Income	400,000	419,996.00	SIGMA ALIMENTOS SA 4.125% DUE 05-02-2026

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Fixed Income	1,000,000	1,075,994.58	SIGMA BIDCO BV TERM LOAN 02/07/2025		
Fixed Income	1,125,000	1,048,889.69	SIMON PPTV GROUP L FIXED 3.25%	09-13-2049	
Fixed Income	68,101	68,100.55	Singapore dollar - Cash		
Fixed Income	0	(10,913.59)	Singapore dollar - Pending foreign exchange sales		
Fixed Income	500,000	522,233.64	SINOPEC CAPITAL 20 3.125% BDS 24/04/23 USD1000		
Fixed Income	558,000	609,169.62	SISAL GROUP S.P.A. FRN SNR SEC 12/26 EUR100000		
Fixed Income	1,100,000	1,034,231.00	SIXSIGMA NETWORKS 7.5% DUE 05-02-2025		
Fixed Income	200,000	188,042.00	SIXSIGMA NETWORKS MEXICO S A 7.5% DUE 05-02-2025 BEO		
Fixed Income	800,000	778,693.60	SKAND ENSKILDA BKN 5.125%-FRN MTN PERP USD		
Fixed Income	1,780,000	1,706,575.00	SLM CORP MEDIUM 5.5% DUE 01-25-2023		
Fixed Income	1,100,000	1,102,750.00	SLM CORP MEDIUM TERM NTS BOOK ENTRY TRANCHE # TR 00107 7.25% DUE 01-25-2022		
Fixed Income	837,599	819,535.38	SLM STUDENT LN TR 2008 9 STUDENT LOAN BKD NTS CL A FLTG 04-25-2023 REG		
Fixed Income	155,000	160,373.01	SMALL BUSINESS ADMIN GTD PARTN CTF5 SRS 2020-10A CL 1 2.078% DUE 03-01-2030		
Fixed Income	6,476	6,733.57	SMALL BUSINESS ADMIN SER 2013-10B CL 1 3.644% 09-10-2023		
Fixed Income	192,943	206,166.36	SMALL BUSINESS ADMIN SER 2017-10A CL 1 2.845% 03-10-2027		
Fixed Income	1,420,152	1,523,042.24	SMALL BUSINESS ADMINISTRATION SE 2018-10A CL 13.187% DUE 03-10-2028		
Fixed Income	600,000	651,000.00	SOCIEDAD QUIMICA Y 4.25% DUE 05-07-2029		
Fixed Income	600,000	597,000.00	SOCIETE GENERALE 6.75% DUE 12-31-2049		
Fixed Income	528,000	617,426.12	SOFTBANK GROUP 5.0% 15/04/2028		
Fixed Income	628,799	601,421.54	SOLENIS INTL LP/SOLENIS HLDGS 3 LLC DUE 06-26-2025 BEO		
Fixed Income	1,295,000	1,317,662.50	SOLERA LLC / 10.5% DUE 03-01-2024		
Fixed Income	569,265	548,372.95	SOLERA, LLC (SOLERA FINANCE, INC.) TERM LOAN B DUE 03-03-2023 BEO		
Fixed Income	70,000	85,733.20	SONOMA CNTY CALIF PENSION OBLIG 6% 12-01-2029 BEO TAXABLE		
Fixed Income	928,380	905,170.17	SOPHIA, L.P. TERM LOAN B DUE 09-30-2022 BEO		
Fixed Income	997,500	972,353.00	SOTERA HEALTH HOLDINGS, LLC TERM LOAN 12-11-2026		
Fixed Income	200,000	189,088.00	SOUTH AFRICA REP NT 4.85% DUE 09-30-2029		
Fixed Income	7,025	7,025.17	South African rand - Cash		
Fixed Income	0	1,224,000.72	South African rand - Pending foreign exchange purchases		
Fixed Income	0	(1,223,730.23)	South African rand - Pending foreign exchange sales		
Fixed Income	0	-	South African rand - Recoverable taxes		
Fixed Income	13,179	13,178.78	South Korean won - Cash		
Fixed Income	0	1,151,067.52	South Korean won - Pending foreign exchange purchases		
Fixed Income	0	(1,143,302.21)	South Korean won - Pending foreign exchange sales		
Fixed Income	500,000	569,502.46	SOUTHERN CO 4.25% DUE 07-01-2036		
Fixed Income	28,571	28,595.15	SOUTHERN CAL EDISON 1.845% DUE 02-01-2022		
Fixed Income	400,000	538,245.96	SOUTHERN CAL EDISON 6.05% DUE 03-15-2039		
Fixed Income	50,000	51,363.50	SOUTHWEST AIRLS CO 4.75% DUE 05-04-2023		
Fixed Income	400,000	422,259.57	SOUTHWEST AIRLS CO 5.25% DUE 05-04-2025		
Fixed Income	95,000	102,166.41	SOUTHWESTERN PUBLIC SERVICE CO 3.15% DUE05-01-2050		
Fixed Income	700,000	609,000.00	SOUTHWESTN ENERGY FIXED 7.75% DUE 10-01-2027		
Fixed Income	230,000	233,220.00	SOVCOM CAPITAL DAC 8% LT2 07/04/2030 USD200000		
Fixed Income	1,100,000	1,178,054.61	SOVRAN ACQSTN LTD 3.5% DUE 07-01-2026		
Fixed Income	415,000	432,405.10	SPARTANBURG S C SAN SWR DIST SWR SYS REV2.235% 03-01-2029 BEO TAXABLE		
Fixed Income	875,000	987,602.60	SPCL1 GEN ELEC CAP CORP 5.875% DUE 01-14-2038		
Fixed Income	410,000	431,319.25	SPIRE INC 3.543% DUE 02-27-2024		
Fixed Income	425,000	343,187.50	SPIRIT AEROSYSTEMS 4.6% DUE 06-15-2028		
Fixed Income	73,223	62,034.35	SPIRIT AIRLS INC 4.1% DUE 10-01-2029		
Fixed Income	250,000	236,566.77	SPIRIT RLTY L P 3.4% DUE 01-15-2030		
Fixed Income	900,000	932,889.56	SPIRIT RLTY L P 4.45% DUE 09-15-2026		
Fixed Income	17,000	15,895.00	SPRINGLEAF FIN 5.375% DUE 11-15-2029		
Fixed Income	2,350,000	2,388,187.50	SPRINGLEAF FIN 6.125% DUE 03-15-2024		
Fixed Income	230,000	238,047.70	SPRINGLEAF FIN 7.125% DUE 03-15-2026		
Fixed Income	400,000	413,200.00	SPRINGLEAF FIN 8.25% DUE 12-15-2020		
Fixed Income	1,040,000	1,111,812.00	SPRINGLEAF FIN 8.875% DUE 06-01-2025		
Fixed Income	300,000	305,514.00	SPRINGLEAF FIN CORP 6.125% 05-15-2022		
Fixed Income	700,000	693,000.00	SPRINGLEAF FINANCE CORPORATION 6.625% 01-15-2028		
Fixed Income	365,000	444,387.50	SPRINT CAP CORP 6.875% DUE 11-15-2028		
Fixed Income	915,000	1,309,593.75	SPRINT CAP CORP 8.75% DUE 03-15-2032		
Fixed Income	2,550,000	2,879,307.00	SPRINT CORP 7.125% DUE 06-15-2024		
Fixed Income	4,100,000	4,730,375.00	SPRINT CORP FIXED 7.625% DUE 02-15-2025		
Fixed Income	1,379,000	1,627,730.23	SPRINT CORP FIXED 7.625% DUE 03-01-2026		
Fixed Income	1,200,000	1,204,860.00	SPRINT NEXTEL CORP 7% DUE 08-15-2020		
Fixed Income	1,000,000	700,000.21	SRI LANKA(REPUBLIC 5.75% SNR 18/04/2023 USD		
Fixed Income	2,276,618	2,167,522.86	SS&C TECHNOLOGIES INC B5 TERM LN 04-16 04-16-2025 DUE 04-16-2025 BEO		
Fixed Income	400,000	440,875.52	ST GRID OVERSEAS 4.125% DUE 05-07-2024		
Fixed Income	510,000	431,587.50	STA CASINOS LLC 4.5% DUE 02-15-2028		
Fixed Income	1,200,000	1,277,015.06	STANDARD IND INC 2.25% 2.25% 21/11/2026		
Fixed Income	904,000	962,018.01	STANDARD IND INC 2.25% 21/11/2026		
Fixed Income	250,000	279,402.73	STANFORD HLTH CARE 3.31% DUE 08-15-2030		
Fixed Income	2,611,323	2,239,209.28	STAPLES INC TERM LOAN 04-16-2026		
Fixed Income	2,025,000	2,053,810.99	STARBUCKS CORP 1.3% DUE 05-07-2022 REG		
Fixed Income	2,000,000	2,277,508.96	STARBUCKS CORP 3.55% 08-15-2029		
Fixed Income	4,161,508	3,894,464.45	STARFRUIT FINCO B.V. TERM LOAN 09-20-2025		
Fixed Income	274,000	312,359.26	STARFRUIT FINCO B/ 6.5% SNR 01/10/26 EUR100000		
Fixed Income	720,000	698,400.00	STARWOOD PPTY TR 5% DUE 12-15-2021		
Fixed Income	200,000	212,328.74	STATE BANK INDIA 4.375% 24/01/2024		
Fixed Income	344,586	312,712.15	STATION CASINOS LLC TERM B-1 FACILITY LOAN DUE 02-08-2027		
Fixed Income	440,000	438,900.00	STD INDs INC DEL 4.375% DUE 07-15-2030		
Fixed Income	405,000	410,062.50	STD INDs INC DEL 5% DUE 02-15-2027		
Fixed Income	300,000	329,445.00	STEEL FUNDING DAC 4.7% SNR 30/05/26 USD200000		
Fixed Income	2,000,000	131,384.17	STH AFRICA(REP OF) 10.5% BDS 21/12/2026 ZAR1		
Fixed Income	1,050,000	1,258,481.52	STICHTING AK RABOBANK CERTIFICATEN 6.5% 31/12/2049		
Fixed Income	200,000	209,760.53	STIFEL FINL CORP FIXED 4% DUE 05-15-2030		
Fixed Income	4,000,000	4,448,185.97	STRYKER CORP FIXED .25% DUE 12-03-2024		
Fixed Income	400,000	409,492.00	STUDIO CY FIN LTD 7.25% 11/02/2024		
Fixed Income	100,000	99,000.00	SUBN PROPANE 5.875% DUE 03-01-2027		
Fixed Income	500,000	522,555.50	SUMITOMO MITSUI 2.348% DUE 01-15-2025		
Fixed Income	500,000	524,464.67	SUMITOMO MITSUI FINL GROUP INC 2.448% DUE 09-27-2024		
Fixed Income	800,000	847,462.24	SUMITOMO MITSUI FINL GROUP INC 2.75% DUE01-15-2030		
Fixed Income	1,000,000	1,072,889.07	SUMMER BC HOLDCO A SARL BDS 5.75% 31/10/2026		
Fixed Income	556,886	591,522.10	SUMMER BIDCO BV 9% BDS 17/11/25 EUR10000RE		

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Fixed Income	690,000	386,400.00	SUMMIT MIDSTREAM HLDGS LLC/SUMMIT MIDS 5.75% 04-15-2025
Fixed Income	881,000	912,312.58	SUMMIT PROPERTIES LTD 2.0% 31/01/2025
Fixed Income	365,000	375,714.84	SUNAC CHINA HLDGS 7.875% GTD 15/02/2022 USD
Fixed Income	615,000	629,606.25	SUNAC CHINA HLDGS 7.95% GTD 11/01/2023 USD
Fixed Income	300,000	363,987.18	SUNCOR ENERGY INC 5.95% DUE12-01-2034 BEO
Fixed Income	1,097,582	1,048,652.05	SUNSHINE LUXEMBOURG VII SARL TERM LOAN 07-17-2026
Fixed Income	402,000	448,394.98	SUNSHINE MIDCO LTD 6.5% 15/05/2026
Fixed Income	400,000	439,504.00	SUZANO AUSTRIA 7% DUE 03-16-2047
Fixed Income	300,000	303,900.00	SUZANO AUSTRIA FIXED 5% DUE 01-15-2030
Fixed Income	500,000	539,380.00	SUZANO AUSTRIA FIXED 6% DUE 01-15-2029
Fixed Income	200,000	219,752.00	SUZANO AUSTRIA GMB 7% GTD SNR 16/03/2047USD
Fixed Income	90,000	96,495.11	SVB FINL GROUP FIXED 3.125% DUE 06-05-2030
Fixed Income	3,178	3,178.08	Swedish krona - Cash
Fixed Income	0	18,575,025.24	Swedish krona - Pending foreign exchange purchases
Fixed Income	0	(417,646.62)	Swedish krona - Pending trade purchases
Fixed Income	0	-	Swedish krona - Recoverable taxes
Fixed Income	200,000	210,289.48	SWIRE PROPERTIES M 4.375% GTD SNR 18/06/22 USD
Fixed Income	86,739	86,738.61	Swiss franc - Cash
Fixed Income	0	6,056,212.61	Swiss franc - Pending foreign exchange purchases
Fixed Income	0	(29,829,272.90)	Swiss franc - Pending foreign exchange sales
Fixed Income	0	212,862.75	Swiss franc - Pending trade sales
Fixed Income	0	-	Swiss franc - Recoverable taxes
Fixed Income	4,404,246	4,606,517.16	SYNCHRONY CR CARD MASTER NT TR 2018-2 ASSET BACKED NT CL B 3.67% 05-15-2026
Fixed Income	2,000,000	2,034,168.54	SYNCHRONY FINL 2.85% DUE 07-25-2022
Fixed Income	1,100,000	1,168,752.77	SYNCHRONY FINL 4.5% DUE 07-23-2025
Fixed Income	300,000	314,865.86	SYNGENTA FIN V N 4.441% DUE 04-24-2023
Fixed Income	1,979,747	1,401,027.24	SYNIVERSE HOLDINGS DUE 03-09-2023 BEO
Fixed Income	1,220,000	1,532,449.58	SYSKO CORP 5.95% DUE 04-01-2030
Fixed Income	265,000	320,875.49	SYSKO CORP 6.5% DUE 08-01-2028
Fixed Income	95,000	128,109.73	SYSKO CORP 6.6% DUE 04-01-2040
Fixed Income	1,900,000	2,339,921.02	TAKEDA 2.25% 2/11/2026
Fixed Income	700,000	705,152.70	TAKEDA PHARMACEUTICAL CO LTD 3.025% 07-09-2040
Fixed Income	3,695,000	3,683,012.98	TAKEDA PHARMACEUTICAL CO LTD SR NT 3.175% 07-09-2050
Fixed Income	555,750	541,856.25	TALEN ENERGY SUPPLY LLC TERM LOAN B 06-26-2026
Fixed Income	1,375,000	1,265,000.00	TALLGRASS ENERGY 4.75% DUE 10-01-2023
Fixed Income	480,000	462,000.00	TARGA RES PARTNERS LP 5.125% 02-01-2025
Fixed Income	420,000	401,100.00	TARGA RES PARTNERS LP CORP BD 4.25 DUE 11-15-2023
Fixed Income	135,000	144,383.83	TARGET CORP 2.25% DUE 04-15-2025
Fixed Income	-9,000	(9,000.00)	TBA COLLATERAL PAYABLE TO JP MORGAN CHASE
Fixed Income	200,000	191,100.00	TC ZIRAAAT BANKASI 1% EMTN 29/12/2023 USD
Fixed Income	175,000	243,386.05	TCI COMMUNICATIONS 7.125% DUE 02-15-2028
Fixed Income	385,000	525,405.28	TCI COMMUNICATIONS 7.875% DUE 02-15-2026
Fixed Income	920,244	701,115.67	TEAM HEALTH HLDGS INC TEAM HEALTH INC. TERM LOAN DUE 02-06-2024 BEO
Fixed Income	95,000	103,871.23	TECK RESOURCES LTD 6.25% DUE 07-15-2041
Fixed Income	100,000	94,000.00	TECPETROL S.A. 4.875% 12/12/2022
Fixed Income	497,449	517,504.99	TEKNI-PLEX, INC. TERM LOAN EUR DUE 10-17-2024 BEO
Fixed Income	100,000	89,260.00	TELECOM ARGENTINA SA 8.0% 07-18-2026
Fixed Income	500,000	629,120.00	TELECOM ITALIA CAP 7.721% DUE 06-04-2038
Fixed Income	373,000	587,356.04	TELECOM ITALIA(SA) 7.75% GTD SNR 24/01/33 EUR
Fixed Income	300,000	312,000.00	TELEFONICA CELULAR 5.875% DUE 04-15-2027
Fixed Income	150,000	179,519.53	TELEFONICA EMISSIONES S A U 4.665% 03-06-2038
Fixed Income	1,100,000	1,238,672.30	TELEFONICA(EUROPE) 3.875%-FRN GTD SUB PERP EUR
Fixed Income	1,014,910	961,627.01	TEMPO ACQUISITION, LLC TLB SENIOR SECURED FIRST LIEN DUE 05-01-2024
Fixed Income	300,000	326,989.60	TENCENT HLDGS LTD 3.595% DUE 01-19-2028
Fixed Income	395,000	392,037.50	TENET HEALTHCARE 6.75% DUE 06-15-2023
Fixed Income	1,300,000	1,254,773.00	TENET HEALTHCARE CORP 5.125% 05-01-2025
Fixed Income	2,525,000	2,651,250.00	TENET HEALTHCARE CORP 8.125 DUE 04-01-2022
Fixed Income	200,000	210,000.00	TENGIZCHEVROIL FIN 4% GTD SNR SEC 15/08/26 USD
Fixed Income	359,000	384,792.19	TENNECO INC 4.875% GTD 15/04/2022 EUR
Fixed Income	566,403	488,052.77	TENNECO INC. FLTG TERM BANK LOAN DUE 10-01-2025 BEO
Fixed Income	200,000	314,001.91	TENNESSEE VY AUTH GLOBAL POWER BD SER A 4.625% DUE 09-15-2060 REG
Fixed Income	703,000	1,083,224.70	TENNESSEE VY AUTH GLOBAL PWR BD 2009 SERC 5.25% DUE 09-15-2039 REG
Fixed Income	515,000	773,196.53	TENNESSEE VY AUTH GLOBAL PWR BD SER A 4.25% DUE 09-15-2065 REG
Fixed Income	1,076,048	1,045,262.38	TERM B USD LOAN 09-30-2024
Fixed Income	195,998	327,124.83	TESCO PPTY FIN 5 5.6611% 13/10/2041
Fixed Income	891,496	1,480,976.10	TESCO PROPERTY 3 5.744% M/BKD 13/04/2040GBP
Fixed Income	600,000	535,728.00	TEVA 3.15% DUE 10-01-2026
Fixed Income	300,000	295,500.00	TEVA 6.15% DUE 02-01-2036
Fixed Income	992,000	1,180,221.44	TEVA PHARM FINANCE 6% GTD SNR 31/01/25 EUR1000
Fixed Income	200,000	178,576.00	TEVA PHARMACEUTI.3 3.15% GTD SNR 01/10/26 USD
Fixed Income	1,250,000	1,330,612.50	TEVA PHARMACEUTI.3 7.125% GTD SNR 31/01/25 USD
Fixed Income	250,000	264,220.00	TEVA PHARMACEUTICAL FIN NETH III B 6.75%6.75% 03-01-2028
Fixed Income	250,000	310,157.50	TEXAS TRANSM COMMN ST HWY FD REV 4% 10-01-2033 BEO TAXABLE
Fixed Income	1,350,000	1,572,453.00	TEXAS TRANSM COMMN ST HWY FD REV 5.028% 04-01-2026 BEO TAXABLE
Fixed Income	375,000	399,893.15	TEXTRON INC 4% DUE 03-15-2026
Fixed Income	11,073	11,072.79	Thai baht - Cash
Fixed Income	400,000	500,660.07	THAIOL TREAS CTR 5.375% 144A 11-20-2048 BEO
Fixed Income	300,000	348,155.47	THAIOL TREASURY 4.625% GTD SNR 20/11/28USD
Fixed Income	2,493,750	2,425,171.88	THE DUN BRADSTREET CORPORATION TERM LOAN 01-30-2026
Fixed Income	694,132	661,161.15	THE EDELMAN FINANCIAL CENTER, LLC TERM LOAN B DUE 07-21-2025 BEO
Fixed Income	300,000	331,262.88	THERMO FISHER SCIENTIFIC INC .5% 03-01-2028
Fixed Income	815,900	768,985.75	TIBCO SOFTWARE INC TRM BK LN 06-30-2026 BEO
Fixed Income	280,000	368,351.16	TIME WARNER CABLE 6.55% DUE 05-01-2037
Fixed Income	540,000	554,161.44	TIMES CHINA HLDG 7.625% GTD SNR 21/02/22USD
Fixed Income	752,000	491,063.52	TITAN INTL INC DEL FIXED 6.5% DUE 11-30-2023
Fixed Income	500,000	498,920.00	T-MOBILE USA INC DUE 04-01-2027 BEO
Fixed Income	598,785	565,851.48	TMS INTERNATIONAL CORP (AKA TUBE CITY IMS CORP.) TERM BANK LOAN 08-14-2024
Fixed Income	345,000	421,207.13	TN GAS PIPELN CO 7% DUE 03-15-2027
Fixed Income	287,000	492,392.21	TN VY AUTH 5.375 DUE 04-01-2056 REG
Fixed Income	4,500,000	225,990.00	TOBACCO SETTLEMENT FIN AUTH WEST VA AST BACKED ZERO CPN 0 06-01-2047 BEO TAXABLE
Fixed Income	1,100,000	1,284,868.39	TOLEDO HOSP 5.75% 11-15-2038

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Fixed Income	355,000	356,952.50	TOLL BROS FIN CORP 3.8% DUE 11-01-2029
Fixed Income	0	-	TOLL BROS FIN CORP 4.875% DUE 03-15-2027
Fixed Income	650,000	763,269.83	TORCHMARK CORP 7.875% DUE 05-15-2023
Fixed Income	1,200,000	1,208,122.38	TORONTO DOMINION BK SR MEDIUM TERM BK NT FLTG 04-07-2021
Fixed Income	200,000	153,672.54	TORONTO DOMINION SR NT 2.496% 02/1/2024
Fixed Income	245,000	251,362.37	TOTAL CAP INTL 3.127% DUE 05-29-2050 REG
Fixed Income	3,967,499	4,911,815.45	TOWD POINT MTG.F19 FRN M/BKD 10/2051 GBPA1'
Fixed Income	925,000	942,267.99	TOYOTA AUTO RECEIVABLES 2020-B CL A-3 1.36% 08-15-2024 REGD 1.36% DUE 08-15-2024
Fixed Income	400,000	547,135.05	TP ICAP PLC 5.25% SNR EMTN 29/05/26 GBP
Fixed Income	325,000	407,713.96	TRANSCANADA 5.6% DUE 03-31-2034
Fixed Income	150,000	206,462.20	TRANSCANADA PIPELINES LTD MEDIUM TERM NTS 7.7 06-15-2029 BEO
Fixed Income	590,000	579,675.00	TRANSCANADA TR FLTG RT 5.3% DUE 03-15-2077
Fixed Income	215,000	195,860.70	TRANSIDIGM INC 3.675% DUE 06-15-2026
Fixed Income	1,180,000	1,029,786.00	TRANSIDIGM INC FIXED 5.5% 11-15-2027
Fixed Income	3,100,000	2,974,450.00	TRANSIDIGM INC FIXED 7.5% 03-15-2027
Fixed Income	781,700	701,293.93	TRANSIDIGM INC TERM LOAN F 12-24-2025
Fixed Income	1,296,834	1,169,315.86	TRANSIDIGM INC TERM LOAN G DUE 08-22-2024 BEO
Fixed Income	650,000	604,500.00	TRANSIDIGM UK HLDGS PLC 6.875% 05-15-2026
Fixed Income	200,000	208,002.00	TRANSIMANTARO 4.375 DUE 05-07-2023
Fixed Income	926,850	806,118.52	TRANSOCEAN 5.875% DUE 01-15-2024
Fixed Income	640,000	353,200.00	TRANSOCEAN INC 8% DUE 02-01-2027
Fixed Income	100,000	29,002.00	TRANSOCEAN INC STEP CPN 7.85% DUE 12-15-2041
Fixed Income	200,000	215,252.00	TRANSPORT DE GAS PERU 4.25 DUE 04-30-2028
Fixed Income	300,000	258,000.00	TRANSPORT GAS SUR 6.75% SNR 02/05/2025 USD
Fixed Income	600,000	516,000.00	TRANSPORTADORA DE 6.75% DUE 05-02-2025
Fixed Income	245,000	243,775.00	TRI POINTE GROUP 5.25% DUE 06-01-2027
Fixed Income	170,000	172,550.00	TRI POINTE GROUP FIXED 5.7% DUE 06-15-2028
Fixed Income	340,600	326,635.33	TRICORBRAUN INC. TERM LOAN DUE 11-29-2023 BEO
Fixed Income	200,000	196,250.00	TRINIDAD & TOBAGO REP NT 144A 4.5% DUE 06-26-2030/06-26-2020 BEO
Fixed Income	750,000	701,257.50	TRINIDAD 5.25% DUE 11-04-2027
Fixed Income	765,000	704,626.20	TRUIST FINANCIAL CORPORATION 4.8% 12-31-2049
Fixed Income	680,000	695,300.00	TRUIST FINL CORP 4.95% DUE 12-29-2049
Fixed Income	65,000	58,012.50	TRUIST FINL CORP 5.05% DUE 12-31-2099
Fixed Income	810,000	836,406.00	TRUIST FINL CORP FIXED 5.1% DUE 12-31-2049
Fixed Income	400,000	420,500.00	TRUST F/1401 FIXED 6.39% DUE 01-15-2050
Fixed Income	17,509,000	23,295,864.05	TSY INFIX N/B TREAS BONDS 0.75% 02-15-2045
Fixed Income	27,316,000	28,588,799.95	TSY INFIX N/B 1.125% DUE 10-15-2024 REG
Fixed Income	31,766,000	36,469,218.37	TSY INFIX N/B 0.125% 01-15-2022
Fixed Income	27,002,000	30,757,406.57	TSY INFIX N/B 0.375% 07-15-2027
Fixed Income	11,288,000	15,499,509.00	TSY INFIX N/B 1% TIPS 02-15-2048
Fixed Income	26,790,000	30,638,146.68	TSY INFIX N/B US GVT NATIONAL 0.375%01-15-2027
Fixed Income	1,500,000	1,606,622.01	TUCSON ELEC PWR CO 3.85 DUE 03-15-2023
Fixed Income	250,000	156,875.00	TULLOW OIL 7% SNR 01/03/2025 USD200000
Fixed Income	700,000	693,000.00	TURKCELL ILETISIM 5.8% DUE 04-11-2028
Fixed Income	200,000	198,958.00	TURKCELL ILETISIM HIZMET 5.8% 11/04/2028
Fixed Income	139	139.07	Turkish lira - Cash
Fixed Income	0	(3,493,313.15)	Turkish lira - Pending foreign exchange sales
Fixed Income	300,000	278,977.80	TURKIYE PETROL 4.5% DUE 10-18-2024
Fixed Income	200,000	206,924.20	TURKIYE SISE VE 6.95% GTD SNR 14/03/26 USD
Fixed Income	500,000	218,750.00	TV AZTECA SA DE CV 8.25% 09/08/2024
Fixed Income	500,000	500,050.00	TWITTER INC 3.875% DUE 12-15-2027
Fixed Income	300,000	298,410.00	UBA PLC 7.75% BDS 06/08/22 USD1000
Fixed Income	160,000	160,400.00	UBER TECHNOLOGIES 7.5% DUE 09-15-2027
Fixed Income	249,352	236,884.71	UBER TECHNOLOGIES, INC 2018 REFINANCING TERM LOAN DUE 07-13-2023 BEO
Fixed Income	400,000	435,354.80	UBS AG 5.125% 15/05/2024
Fixed Income	1,800,000	2,007,185.38	UBS AG STAMFORD 7.625% DUE 08-17-2022
Fixed Income	1,700,000	1,960,476.13	UBS GROUP AG 1.125% 17/04/2025
Fixed Income	635,000	669,131.25	UBS GROUP AG 6.875% 31/12/2049
Fixed Income	250,000	284,500.76	UBS GROUP FDG 4.125% DUE 04-15-2026
Fixed Income	172,000	191,249.99	UGI INTERNATIONAL ENTERP 3.25% 01/11/2025
Fixed Income	500,000	571,289.00	UKRAINE(REF OF) 9.75% SNR 01/11/2028 USD
Fixed Income	2,800,000	3,226,885.23	UNICREDIT SPA 7.83% DUE 12-04-2023
Fixed Income	330,000	332,268.75	UNICREDIT SPA 8%-FRN PERP USD200000'REGS'
Fixed Income	500,000	400,000.00	UNIGEL LUXEMBOURG S A 8.75% DUE 10-01-2026
Fixed Income	300,000	310,429.60	UNION BANK(PHL) 3.369% SNR MTN 29/11/22USD
Fixed Income	1,610,000	1,915,243.93	UNION PAC CORP 3.79% DUE 10-01-2051
Fixed Income	650,000	868,474.05	UNION PAC CORP 5.375% DUE 06-01-2033
Fixed Income	0	-	United Arab Emirates dirham - Cash
Fixed Income	100,000	99,100.00	UNITED MEXICAN STS GLOBAL NT 3.25% DUE 04-16-2030 REG
Fixed Income	190,000	197,125.00	UNITED MEXICAN STS GLOBAL NT 4.6% DUE 02-10-2048 REG
Fixed Income	200,000	216,002.00	UNITED MEXICAN STS MEDIUM TERM BOOK 4.125% 01-21-2026
Fixed Income	200,000	203,811.58	UNITED OVERSEAS BK LTD GLOBAL MEDIUM TERM NT BOOK ENTRY REG S 3.2% 04-23-2021
Fixed Income	650,000	628,699.50	UNITED RENTALS NORTH AMER INC 4.0% DUE 07-15-2030
Fixed Income	0	-	United States dollar
Fixed Income	23,471,000	23,471,000.00	United States dollar - Cash (externally held)
Fixed Income	13,915,645	13,915,644.93	United States dollar - Cash Collateral Due to/from CCP Broker
Fixed Income	12,739,396	12,739,395.80	United States dollar - Cash Collateral Held at Broker
Fixed Income	2,003,000	2,003,000.00	United States dollar - Futures initial margin
Fixed Income	363,384,125	363,384,125.30	United States dollar - Invested cash
Fixed Income	0	457,148,718.39	United States dollar - Pending foreign exchange purchases
Fixed Income	0	(260,851,195.78)	United States dollar - Pending foreign exchange sales
Fixed Income	0	(2,009,848,412.22)	United States dollar - Pending trade purchases
Fixed Income	0	1,946,296,603.54	United States dollar - Pending trade sales
Fixed Income	0	-	United States dollar - Recoverable taxes
Fixed Income	5,527,201	5,527,201.36	United States dollar - Variation Margin
Fixed Income	11,599,000	15,693,269.42	UNITED STATES OF AMER BDS INDX LNKD 0.875% 02-15-2047
Fixed Income	32,692,000	37,229,611.35	UNITED STATES OF AMER INFL INDX TREAS NOTES 0.25% TB 01-15-25 USD1000 A-2025
Fixed Income	81,400,000	98,414,508.02	UNITED STATES OF AMER TREAS BOND 3.125% 11-15-2028
Fixed Income	7,624,000	16,262,223.31	UNITED STATES OF AMER TREAS BONDS 04-15-2028
Fixed Income	6,827,000	7,636,648.54	UNITED STATES OF AMER TREAS BONDS 0% T-BOND 02-15-2050
Fixed Income	11,108,000	14,567,213.70	UNITED STATES OF AMER TREAS BONDS 0.625% TIPS INFIX 02-15-2043 USD1000

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Fixed Income	14,659,000	19,901,980.89	UNITED STATES OF AMER TREAS BONDS 0.75 DEB TIPS 02-15-2042
Fixed Income	944,000	1,210,237.51	UNITED STATES OF AMER TREAS BONDS 2.75 BDS DUE 08-15-2042 USD100'BONDS 08/42'
Fixed Income	7,938,000	9,791,646.99	UNITED STATES OF AMER TREAS BONDS DTD 02/15/2015 2.5% DUE 02-15-2045 REG
Fixed Income	6,705,000	7,301,116.41	UNITED STATES OF AMER TREAS BONDS DTD 05/15/2015 2.125% DUE 05-15-2025 REG
Fixed Income	7,351,000	9,117,250.06	UNITED STATES OF AMER TREAS BONDS DTD 05/15/2016 2.5% DUE 05-15-2046 REG
Fixed Income	6,000,000	6,094,921.86	UNITED STATES OF AMER TREAS NOTES 1.125% T-NOTE 02-28-2022
Fixed Income	34,508,000	38,917,744.19	UNITED STATES OF AMER TREAS NOTES INFLATION INDEX 0.125 NTS 07-15-2024
Fixed Income	6,965,000	7,271,623.26	UNITED STATES OF AMER TREAS NOTES 2.0% 11-30-2022
Fixed Income	23,836,000	27,573,259.31	UNITED STATES OF AMER TREAS NOTES INFIL IDX T-BOND .875% 01-15-2029
Fixed Income	27,135,000	30,817,034.71	UNITED STATES OF AMER TREAS NOTES NTS 0.125% INFIL INDEX 07-15-2026
Fixed Income	3,900,000	4,347,890.63	UNITED STATES OF TREAS NTS 2.375% 04-30-2026 REG
Fixed Income	10,363,000	14,020,005.49	UNITED STATES T-BOND 2.875% 05-15-2049
Fixed Income	10,050,000	11,226,556.62	UNITED STATES TREAS 2.25% DUE 02-15-2027 REG
Fixed Income	2,700,000	3,149,507.83	UNITED STATES TREAS 2.75% 02-15-2028
Fixed Income	1,630,000	1,736,777.73	UNITED STATES TREAS BDS 1.5% DUE 08-15-2026 REG
Fixed Income	7,330,000	8,693,780.88	UNITED STATES TREAS BDS 2.25% DUE 08-15-2046
Fixed Income	5,159,000	6,860,663.91	UNITED STATES TREAS BDS 2.875% DUE 11-15-2046
Fixed Income	2,801,000	3,792,947.88	UNITED STATES TREAS BDS .. 3.125% DUE 11-15-2041 REG
Fixed Income	4,071,000	6,602,176.04	UNITED STATES TREAS BDS 0 DEB 15/02/2040USD1000 4.625 DUE 02-15-2040REG
Fixed Income	1,248,000	2,046,768.75	UNITED STATES TREAS BDS 00203 5% DUE 05-15-2037 REG
Fixed Income	5,046,000	6,651,258.75	UNITED STATES TREAS BDS 00245 2.875% DUE 08-15-2045 REG
Fixed Income	570,000	564,678.51	UNITED STATES TREAS BDS 1.125% 05-15-2040 REG
Fixed Income	15,903,000	23,850,556.22	UNITED STATES TREAS BDS 1.375 02-15-2044 REG
Fixed Income	8,295,000	14,489,988.78	UNITED STATES TREAS BDS 2.125 2-15-2041
Fixed Income	8,415,000	10,120,023.65	UNITED STATES TREAS BDS 2.25% 08-15-2049
Fixed Income	21,020,000	27,459,838.34	UNITED STATES TREAS BDS 2.875 DUE DUE 05-15-2043
Fixed Income	5,252,000	7,158,722.21	UNITED STATES TREAS BDS 3% DUE 05-15-2047 REG
Fixed Income	11,555,000	15,470,158.92	UNITED STATES TREAS BDS 3% DUE 11-15-2044 REG
Fixed Income	7,950,000	10,674,117.19	UNITED STATES TREAS BDS 3% DUE 05-1 5-2045
Fixed Income	7,262,000	9,986,952.07	UNITED STATES TREAS BDS 3.0% DUE 08-15-2048
Fixed Income	7,911,000	10,829,726.35	UNITED STATES TREAS BDS 3.0% DUE 02-15-2048
Fixed Income	7,950,000	10,840,259.79	UNITED STATES TREAS BDS 3.125 DUE 08-15-2044
Fixed Income	7,890,000	11,159,418.75	UNITED STATES TREAS BDS 3.375 05-15-2044REG
Fixed Income	7,856,000	11,499,526.86	UNITED STATES TREAS BDS 3.625 DUE 02-15-2044 TBOND
Fixed Income	6,485,000	9,472,153.13	UNITED STATES TREAS BDS 3.625 DUE 08-15-2043
Fixed Income	7,634,000	11,361,240.88	UNITED STATES TREAS BDS 3.75 DUE 11-15-2043 REG
Fixed Income	2,527,000	3,973,510.09	UNITED STATES TREAS BDS 4.375% DUE 11-15-2039
Fixed Income	12,044,000	16,329,970.37	UNITED STATES TREAS BDS BD 3.125% DUE 02-15-2043 REG
Fixed Income	3,072,000	4,526,160.02	UNITED STATES TREAS BDS BD 3.75% DUE 08-15-2041 REG
Fixed Income	8,468,000	11,867,769.73	UNITED STATES TREAS BDS DTD 3.125% 05-15-2048
Fixed Income	1,410,000	2,224,440.24	UNITED STATES TREAS BDS DTD 00206 4.5% DUE 05-15-2038 REG
Fixed Income	2,292,000	3,242,642.80	UNITED STATES TREAS BDS DTD 00209 3.5% DUE 02-15-2039 REG
Fixed Income	2,205,000	3,406,811.13	UNITED STATES TREAS BDS DTD 00210 4.25% DUE 05-15-2039 REG
Fixed Income	3,050,000	4,545,214.86	UNITED STATES TREAS BDS DTD 00218 3.875% DUE 08-15-2040 REG
Fixed Income	3,147,000	4,916,818.70	UNITED STATES TREAS BDS DTD 00219 4.25% DUE 11-15-2040 REG
Fixed Income	7,914,000	10,667,206.37	UNITED STATES TREAS BDS DTD 00246 3% DUE 11-15-2045 REG
Fixed Income	4,623,000	5,725,477.14	UNITED STATES TREAS BDS DTD 00247 2.5% DUE 02-15-2046 REG
Fixed Income	1,533,000	2,278,061.95	UNITED STATES TREAS BDS DTD 02/15/2001 5.375 15 FEB 2031
Fixed Income	803,000	1,229,217.34	UNITED STATES TREAS BDS DTD 02/15/2006 4.5% DUE 02-15-2036 REG
Fixed Income	3,494,000	4,742,422.59	UNITED STATES TREAS BDS DTD 02/15/2012 3.125% DUE 02-15-2042 REG
Fixed Income	5,474,000	7,010,996.56	UNITED STATES TREAS BDS DTD 11/15/2012 2.75% DUE 11-15-2042 REG
Fixed Income	7,336,000	9,585,229.04	UNITED STATES TREAS BDS DTD 2.75% 08-15-2047
Fixed Income	6,958,000	9,103,564.57	UNITED STATES TREAS BDS DTD 2.75% 11-15-2047
Fixed Income	11,122,000	16,236,244.05	UNITED STATES TREAS BDS INDEX LINKED 1.75 DUE 01-15-2028 REG
Fixed Income	9,439,000	20,806,641.70	UNITED STATES TREAS BDS INFLATION INDEX LINKED 3.875% 04-15-2029
Fixed Income	9,582,000	13,229,148.75	UNITED STATES TREAS BDS TBOND FIXED 3% 02-15-2049
Fixed Income	7,052,000	8,710,321.88	UNITED STATES TREAS BDS TREASURY BOND 2.375% DUE 11-15-2049 REG
Fixed Income	11,000,000	15,398,272.01	UNITED STATES TREAS BDS TSY INFIL IX N/B 02-15-2046
Fixed Income	11,807,000	16,031,778.85	UNITED STATES TREAS BONDS 1.0% 02-15-2049
Fixed Income	22,100,000	23,862,820.20	UNITED STATES TREAS DTD 02/15/2015 2% DUE 02-15-2025 REG
Fixed Income	30,830,000	35,595,845.99	UNITED STATES TREAS INFIL NTS 0.375% DTD 07/15/2015 07-15-2025
Fixed Income	26,278,000	28,813,827.53	UNITED STATES TREAS INFIL IDX 0.25% 07-15-2029
Fixed Income	28,457,000	32,424,215.70	UNITED STATES TREAS INFIL INDEX NTS 0.500005% 01-15-2028
Fixed Income	34,565,000	39,328,159.66	UNITED STATES TREAS INFIL INDEXED NTS .125% 01-15-2023
Fixed Income	31,473,000	35,915,094.18	UNITED STATES TREAS INFIL INDEXED NTS .125% 07-15-2022
Fixed Income	26,274,000	30,255,436.11	UNITED STATES TREAS INFIL INDEXED NTS 0.75% 07-15-2028
Fixed Income	25,013,000	26,723,897.20	UNITED STATES TREAS NTS 0.5% 04-15-2024
Fixed Income	13,275,000	15,721,541.08	UNITED STATES TREAS NTS 2.875% 08-15-2028
Fixed Income	1,900,000	2,145,738.29	UNITED STATES TREAS NTS 2.875% TNOTE 07-31-2025
Fixed Income	15,059,000	15,659,200.99	UNITED STATES TREAS NTS .125% DUE 04-15-2025 REG
Fixed Income	235,000	234,715.43	UNITED STATES TREAS NTS .25% DUE 05-31-2025 REG
Fixed Income	6,800,000	6,830,812.50	UNITED STATES TREAS NTS .375% DUE 04-30-2025 REG
Fixed Income	11,175,000	11,186,349.55	UNITED STATES TREAS NTS .5% DUE 05-31-2027 REG
Fixed Income	9,805,000	9,777,806.42	UNITED STATES TREAS NTS .625% DUE 05-15-2030 REG
Fixed Income	1,000,000	1,043,320.31	UNITED STATES TREAS NTS 1.125% DUE 02-28-2027
Fixed Income	0	-	UNITED STATES TREAS NTS 2.25% DUE 04-15-2022
Fixed Income	22,320,000	26,154,506.37	UNITED STATES TREAS NTS 2.625% DUE 02-15-2029 REG
Fixed Income	7,280,000	7,903,918.71	UNITED STATES TREAS NTS 2.75% DUE 11-15-2023 REG
Fixed Income	14,200,000	16,758,218.76	UNITED STATES TREAS NTS 2.875% DUE 05-15-2028
Fixed Income	11,290,000	11,828,480.05	UNITED STATES TREAS NTS DTD 02/15/2013 2% DUE 02-15-2023 REG
Fixed Income	10,125,000	10,232,973.61	UNITED STATES TREAS NTS DTD 03/31/2020 .5% DUE 03-31-2025 REG
Fixed Income	14,146,000	15,127,378.75	UNITED STATES TREAS NTS DTD 05/31/2017 2.0% 05-31-2024
Fixed Income	30,000,000	31,073,437.50	UNITED STATES TREAS NTS DTD 06/30/2016 1.375% DUE 06-30-2023 REG
Fixed Income	34,935,000	35,442,649.22	UNITED STATES TREAS NTS DTD 06/30/2019 1.625% 06-30-2021
Fixed Income	14,000,000	14,144,375.00	UNITED STATES TREAS NTS DTD 07/31/2016 1.125% DUE 07-31-2021 REG
Fixed Income	6,505,000	6,719,207.63	UNITED STATES TREAS NTS DTD 07/31/2016 1.25% DUE 07-31-2023 REG
Fixed Income	29,005,000	29,498,991.41	UNITED STATES TREAS NTS DTD 07/31/2019 1.75% DUE 07-31-2021 REG
Fixed Income	4,115,000	4,467,025.41	UNITED STATES TREAS NTS DTD 08/15/2015 2% DUE 08-15-2025 REG
Fixed Income	3,575,000	3,900,799.80	UNITED STATES TREAS NTS DTD 08/15/2019 1.625% DUE 08-15-2029 REG
Fixed Income	3,400,000	3,500,140.61	UNITED STATES TREAS NTS DTD 09/15/2019 1.5% DUE 09-15-2022 REG
Fixed Income	3,100,000	3,521,285.16	UNITED STATES TREAS NTS DTD 11/30/2018 2.875% DUE 11-30-2025 REG

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Fixed Income	27,000,000	29,479,570.38	UNITED STATES TREAS NTS DTD 2.75% DUE 02-15-2024 REG
Fixed Income	7,370,000	7,359,060.12	UNITED STATES TREAS NTS FIXED .125% DUE 05-15-2023
Fixed Income	32,537,000	34,920,256.51	UNITED STATES TREAS NTS INFL IDX 0.625% 04-15-2023
Fixed Income	27,192,000	31,766,813.35	UNITED STATES TREAS NTS INFL IDX DTD 0.625% 01-15-2026
Fixed Income	34,674,000	39,780,363.00	UNITED STATES TREAS NTS TIPS .375 07-15-2023
Fixed Income	9,300,000	10,291,031.25	UNITED STATES TREAS NTS T-NOTE 2.25% 03-31-2026
Fixed Income	4,500,000	5,038,066.40	UNITED STATES TREAS NTS T-NOTE 2.5% 02-28-2026
Fixed Income	6,050,000	6,482,953.13	UNITED STATES TREAS NTS TREASURY NOTE 2.25% DUE 12-31-2023 REG
Fixed Income	8,300,000	8,886,511.70	UNITED STATES TREAS TNOTE 2.0% 06-30-2024
Fixed Income	400,000	410,000.00	UNITED STS STL CORP NEW SR SECD NT 144A 12% 06-01-2025
Fixed Income	420,000	513,706.42	UNITED TECHNOLOGIES CORP 4.45% 11-16-2038
Fixed Income	310,000	331,852.63	UNITEDHEALTH GROUP 3.125% DUE 05-15-2026
Fixed Income	500,000	667,190.00	UNIV CALIF REGTS MED CTR POOLED REV 6.398% 05-15-2031 BEO TAXABLE
Fixed Income	1,545,000	1,562,952.90	UNIVAR SOLUTIONS 5.125% DUE 12-01-2027
Fixed Income	473,801	457,217.49	UNIVERSAL HOSPITAL SERVICES - DELAYED DRAW TERM LOAN B 01-04-2026
Fixed Income	1,910,000	2,028,611.00	UNIVERSITY CALIF REV 4.062% 05-15-2033 BEO TAXABLE
Fixed Income	500,000	519,766.66	UNIVERSITY CHICAGO FIXED 2.761% DUE 04-01-2045
Fixed Income	929,373	865,710.80	UNIVISION COMMUNICATIONS INC TERM LOAN DUE 03-15-2026 BEO
Fixed Income	2,199,304	2,028,858.31	UNIVISION COMMUNICATIONS INC. TERM LOAN DUE 03-15-2024 BEO
Fixed Income	650,000	682,010.39	UPC HOLDING B.V. 3.875% SNR SEC 15/06/29EUR
Fixed Income	315,000	341,126.68	UPMC 3.6% DUE 04-03-2025
Fixed Income	837,255	709,112.32	US AIRWAYS GROUP FIXED 4.625% DUE 12-03-2026
Fixed Income	3,416,000	5,397,413.43	US TREAS BDS 4.375 DUE 05-15-2040 REG
Fixed Income	3,550,000	5,890,087.90	US TREAS BDS DTD 02-15-2011 4.75% DUE 02-15-2041 REG
Fixed Income	2,727,000	4,336,782.19	US TREAS BDS DTD 05-16-2011 4.375 DUE 05-15-2041 REG
Fixed Income	11,915,000	17,886,837.08	US TREAS BDS INDEX LINKED 2.00 DUE 01-15-2026 REG
Fixed Income	10,406,000	15,926,871.87	US TREAS BDS INDEX LINKED 2.5 DUE 01-15-2029 REG
Fixed Income	10,235,000	15,798,478.35	US TREAS BDS INDEX LINKED NOTES 2.375 DUE 01-15-2027 REG
Fixed Income	16,736,000	26,192,242.33	US TREAS INF'L INDEXED BONDS 2.375 DUE 01-15-2025 BEO
Fixed Income	3,700,000	7,953,052.02	US TREAS INF'L INDEXED BONDS 3.375 DUE 04-15-2032 AR12 DUE 04-15-32 REG
Fixed Income	35,021,000	37,457,469.81	US TREAS NTS INF'L IDX DTD 04-15-2017 0.125% DUE 04-15-2022
Fixed Income	28,850,000	33,388,866.64	US TREAS NTS TIPS DTD 07-15-2011 07-15-2021
Fixed Income	2,347,000	3,738,055.89	US TREAS SEC 4.5 DUE 08-15-2039 REG
Fixed Income	5,849,000	10,221,634.96	US TREASURY DTD 02/15/2010 02-15-2040
Fixed Income	21,388,000	23,025,090.13	US TREASURY INF'L INDX 0.125% 01-15-2030
Fixed Income	3,065,000	3,332,109.97	US TREASURY N/B 2.25% 11-15-2024
Fixed Income	1,670,000	1,805,296.09	US TREASURY N/B 1.5% DUE 02-15-2030 REG
Fixed Income	2,500,000	2,863,085.95	US TREASURY N/B 2% DUE 02-15-2050 REG
Fixed Income	1,600,000	1,846,500.00	US TREASURY N/B 2.375% 05-15-2029
Fixed Income	33,690,000	38,986,966.51	USTY INF'L TREAS BD 0.625 01-15-2024
Fixed Income	440,000	425,150.00	USA COMPRESSION FIXED 6.875% DUE 04-01-2026
Fixed Income	970,000	931,200.00	USA COMPRESSION PARTNERS LP/USA 6.875% DUE 09-01-2027
Fixed Income	9,480,000	10,227,290.58	USA TREASURY NTS USA TREAS NTS 2.75% DUE 07-31-2023 REG 2.75% DUE 07-31-2023 REG
Fixed Income	1,385,751	1,312,305.86	USI HOLDINGS CORPORATION TERM LOAN B 05-16-2024
Fixed Income	580,000	616,267.40	UTAH ST 4.554% 07-01-2024 BEO TAXABLE
Fixed Income	280,000	238,000.00	UTD AIRLS HLDS 4.25% DUE 10-01-2022
Fixed Income	341,488	319,420.98	UTD AIRLS INC 3.5% DUE 03-01-2030
Fixed Income	737,330	708,039.41	UTD AIRLS PASS 3.1% DUE 01-07-2030
Fixed Income	1,195,000	1,230,850.00	UTD RENTALS N AMER 5.5% DUE 05-15-2027
Fixed Income	22,800,000	22,848,093.86	UTD STATES TREAS .25% DUE 06-15-2023
Fixed Income	1,500,000	1,524,726.57	UTD STATES TREAS 1.5% DUE 09-30-2021
Fixed Income	1,000,000	1,040,429.69	UTD STATES TREAS 1.75% DUE 01-31-2023
Fixed Income	3,300,000	3,440,250.00	UTD STATES TREAS 2% 10-31-2022
Fixed Income	31,000	33,572.29	UTD TECHNOLOGIES FIXED 3.65% 08-16-2023
Fixed Income	450,000	453,375.00	UZBEK INDUSTRIAL 5.75% SNR 02/12/2024 USD
Fixed Income	100,000	117,625.00	VALE OVERSEAS LTD 6.25% DUE 08-10-2026
Fixed Income	220,000	287,102.20	VALE OVERSEAS LTD 6.875% DUE 11-10-2039
Fixed Income	700,000	914,550.00	VALE OVERSEAS LTD 6.875% DUE 11-21-2036
Fixed Income	100,000	116,444.15	VALE SA 3.75% 10 JAN 2023
Fixed Income	200,000	207,720.00	VALEANT PHARMACEUTICALS INT'L INC CDA GTDSR SECD NT 144A 7.0% DUE 03-15-2024
Fixed Income	135,000	142,462.28	VALERO ENERGY CORP NEW 2.85% DUE 04-15-2025 REG
Fixed Income	185,000	185,925.00	VALVOLINE INC 4.375% DUE 08-15-2025
Fixed Income	2,145,000	2,231,757.55	VENTAS RLTY LTD PARTNERSHIP 3.5% 04-15-2024
Fixed Income	95,000	103,584.37	VENTAS RLTY LTD PARTNERSHIP 4.4% 01-15-2029
Fixed Income	1,000,000	1,034,080.00	VEON HOLDINGS BV 4% SNR 09/04/2025 USD200000
Fixed Income	450,000	486,445.50	VEON HOLDINGS BV 5.95% 13/02/23
Fixed Income	400,000	443,790.00	VEON HOLDINGS BV 7.25% SNR 26/04/23 USD1000
Fixed Income	75,000	75,578.86	VEREIT OPER 3.4% DUE 01-15-2028
Fixed Income	2,400,000	2,595,288.46	VEREIT OPER PARTNERSHIP L P 4.625% 11-01-2025
Fixed Income	1,095,968	910,048.28	VERIFONE SYSTEMS INC SEN SEC TL 08-20-2025
Fixed Income	55,000	61,013.65	VERIZON 3% DUE 03-22-2027
Fixed Income	800,000	989,351.31	VERIZON 4.272% DUE 01-15-2036
Fixed Income	5,000	6,531.38	VERIZON 4.812% DUE 03-15-2039
Fixed Income	1,550,000	2,104,832.67	VERIZON 4.862% DUE 08-21-2046
Fixed Income	283,000	394,698.00	VERIZON 5.012% DUE 04-15-2049
Fixed Income	300,000	228,425.11	VERIZON COMMUN 2.5% SNR 16/05/2030 CAD2000
Fixed Income	300,000	341,598.22	VERIZON COMMUNICATIONS .875% 04-08-2027 BEO
Fixed Income	500,000	589,762.85	VERIZON COMMUNICATIONS 4.125% DUE 03-16-2027
Fixed Income	75,000	119,258.68	VERIZON COMMUNICATIONS 6.55 BDS DUE 09-15-2043 USD2000 BEO
Fixed Income	1,200,000	1,214,616.00	VERIZON COMMUNICATIONS DUE 05-15-2025 BEO
Fixed Income	800,000	916,513.79	VERIZON FIXED 1.3% DUE 05-18-2033
Fixed Income	2,435,000	2,695,179.38	VERIZON FIXED 3.5% DUE 11-01-2024
Fixed Income	1,030,000	1,060,177.97	VERIZON OWNER TRUST FIXED 2.93% 09-20-2023 BEO
Fixed Income	791,823	763,515.07	VERSSEND HOLDING CORP. TERM LOAN 08-27-2025 BEO
Fixed Income	1,000,000	980,000.00	VERTICAL MIDCO GMBH USD TERM LOAN DUE 06-30-2027 BEO
Fixed Income	1,665,825	1,570,040.06	VERTIV GROUP CORPORATION TERM LOAN DUE 03-02-2027 BEO
Fixed Income	1,754,694	1,707,176.57	VFH PARENT LLC TERM LOAN 01-03-2026
Fixed Income	200,000	197,540.00	VFU FDG PLC 6.2% DUE 02-11-2025
Fixed Income	340,000	340,071.40	VIASAT INC 6.5% DUE 07-15-2028
Fixed Income	1,543,182	1,434,973.91	VICI PROPERTIES INC TL 12-20-2024
Fixed Income	535,000	528,152.00	VIRGIN MEDIA 5% DUE 07-15-2028

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Fixed Income	2,265,000	2,157,978.75	VIRGIN MEDIA BRISTOL LLC TERM LOAN 01-03-2028
Fixed Income	965,000	943,490.15	VIRGIN MEDIA FIN 5% DUE 07-15-2030
Fixed Income	540,000	595,098.80	VIRGIN MEDIA FINANCE PLC BDS 3.75% 15/07/2030 144A
Fixed Income	200,000	245,637.28	VIRGIN MEDIA SEC F 4.25% GTD 15/01/2030 GBP
Fixed Income	1,632,000	2,115,331.87	VIRGIN MEDIA SEC F 5.25% GTD 15/05/2029 GBP
Fixed Income	2,200,000	2,299,000.00	VIRGIN MEDIA SECD FIN PLC 5.5% 05-15-2029
Fixed Income	994,522	958,291.45	VISTRA OPERATIONS COMPANY LLC DUE 12-31-2025 BEO
Fixed Income	900,000	930,797.11	VIVION INVESTMENTS 3.0% 08/08/2024
Fixed Income	125,864	120,594.42	VIZIENT INC TERM B-6 LOAN 05-06-2026 BEO
Fixed Income	500,000	483,690.00	VM HOLDING SA 5.375% GTD SNR 04/05/27 USD
Fixed Income	200,000	248,799.07	VODAFONE GROUP 2.5% SNR EMTN 24/05/39 EUR
Fixed Income	689,000	888,843.89	VODAFONE GROUP 4.875%-FRN SUB 03/10/78 GBP
Fixed Income	840,000	1,000,256.19	VODAFONE GROUP PLC 4.25% DUE 09-17-2050 REG
Fixed Income	500,000	581,910.87	VODAFONE GROUP PLC 4.375% DUE 02-19-2043
Fixed Income	1,500,000	2,100,019.85	VODAFONE GROUP PLC NEW GCB 02/27/07 6.150 FA37 6.15 DUE 02-27-2037 BEO
Fixed Income	300,000	285,375.00	VOLCAN CIA MINERA SAA-CM BNDS 5.375% 02/02/2022
Fixed Income	475,000	479,650.73	VOLKSWAGEN AUTO LN FIXED 1.98% DUE 11-20-2024
Fixed Income	300,000	343,125.00	VOTORANTIM CIMENTOS SA 7.25 DUE 04-05-2041 BEO
Fixed Income	284,288	273,626.72	VS BUYER LLC TERM LOAN B 02-19-2027
Fixed Income	250,000	272,293.75	VTB EURASIA DAC 9.5%-FRN SUB PERP USD1000
Fixed Income	200,000	204,100.00	VTR COMUNICACIONES 5.125% GTD 15/01/2028USD
Fixed Income	725,000	741,617.00	VTR FINANCE NV 6.875% SNR SEC 15/01/24 USD
Fixed Income	200,000	205,254.00	VTR FINANCE NV(CH) 6.375% SNR 15/07/2028USD
Fixed Income	761,711	748,860.98	WA MUT MTG SEC'S CORP 2005-AR1 MTG PASSTHRU CTF CL A-1B VAR 01-25-2045 REG
Fixed Income	245,000	247,072.57	WALGREENS BOOTS ALLIANCE INC 4.1% DUE 04-15-2050 REG
Fixed Income	300,000	302,796.00	WALNUT BIDCO PLC 9.125% 01/08/2024
Fixed Income	586,451	555,662.79	WAND NEWCO 3, INC. (AKA CALIBER COLLISION) TERM LOAN 02-05-2026
Fixed Income	800,000	1,016,256.00	WASHINGTON BIOMEDICAL RESH FACS 3 WASH LEASE REV 6.416% 07-01-2030 BEO TAXABLE
Fixed Income	1,200,000	1,334,892.00	WASHINGTON CNTY ORE SCH DIST NO 48J BEAVERTON 4.06% 06-30-2034 BEO TAXABLE
Fixed Income	670,000	1,058,827.80	WASHOE CNTY NEV HWY REV 7.969% 02-01-2040 BEO TAXABLE
Fixed Income	300,000	308,608.56	WASTE MGMT INC DEL 4.0% DUE 07-15-2039
Fixed Income	315,000	467,671.39	WASTE MGMT INC DEL 7.75% DUE 05-15-2032
Fixed Income	693,000	721,411.77	WELLS FARGO & CO 2.406% DUE 10-30-2025
Fixed Income	4,900,000	5,104,867.92	WELLS FARGO & CO 2.625% DUE 07-22-2022
Fixed Income	500,000	539,810.44	WELLS FARGO & CO 3% DUE 02-19-2025
Fixed Income	3,400,000	3,523,123.32	WELLS FARGO & CO 3.069% DUE 01-24-2023
Fixed Income	5,105,000	5,461,293.98	WELLS FARGO & CO FIXED 2.879% DUE 10-30-2030
Fixed Income	800,000	831,496.00	WELLS FARGO & CO FLTG RT 5.875% DUE 12-29-2049
Fixed Income	1,245,000	1,298,641.97	WELLS FARGO & CO MEDIUM TERM SR NTS 3.068% DUE 04-30-2041
Fixed Income	1,900,000	1,913,727.50	WELLS FARGO & CO NEW NT FLTG DUE 10-31-2023/10-31-2022 REG
Fixed Income	5,000,000	5,424,893.25	WELLS FARGO BK N A 3.55% DUE 08-14-2023
Fixed Income	3,800,000	3,904,072.12	WELLS FARGO COML 2.59% DUE 11-15-2050
Fixed Income	30,000	30,886.34	WELLS FARGO COML 3.184% DUE 07-15-2048
Fixed Income	1,615,000	1,758,985.97	WELLS FARGO COML 3.362% DUE 05-01-2048
Fixed Income	305,000	321,263.33	WELLS FARGO COML 3.487% DUE 11-15-2048
Fixed Income	450,000	440,344.35	WELLS FARGO COML 3.783% DUE 02-15-2048
Fixed Income	550,000	559,158.55	WELLS FARGO COML 3.959% DUE 12-15-2047
Fixed Income	2,000,000	2,149,751.20	WELLS FARGO COML MTG TR 2016-LC25 COML MTG PASSTHRU CTF CL 4.09557% 12-15-2059
Fixed Income	140,000	145,490.99	WELLTOWER INC 2.7% DUE 02-15-2027
Fixed Income	1,400,000	1,547,403.73	WELLTOWER INC 4% SNR 01/06/2025 USD
Fixed Income	250,000	275,703.57	WEPA HYGIENEPROD 2.875% SNR SEC 15/12/27EUR
Fixed Income	2,540,000	2,624,963.00	WESTERN DIG CORP 4.75% DUE 02-15-2026
Fixed Income	1,480,000	1,436,532.40	WESTERN DIGITAL CORPORATION TERM A-1 LOAN DUE 02-27-2023
Fixed Income	968,440	940,296.73	WESTERN DIGITAL CORPORATION US TERM B-4 LOAN 04-29-2023
Fixed Income	810,000	767,475.00	WESTERN MIDSTREAM OPER LP 3.1% DUE 02-01-2025
Fixed Income	150,000	151,624.50	WESTERN MUN WTR DIST FACS AUTH CALIF WTRREV 6.51% 10-01-2040 BEO TAXABLE
Fixed Income	1,200,000	1,155,108.00	WESTN MIDSTREAM 4.05% DUE 02-01-2030
Fixed Income	420,000	445,809.00	WESTPAC BKG CORP 2.35% DUE 02-19-2025
Fixed Income	325,000	393,241.01	WEYERHAEUSER CO 6.95% DUE 10-01-2027
Fixed Income	190,000	262,826.13	WEYERHAEUSER CO DEB 7.375 DUE 03-15-2032 BEO
Fixed Income	880,000	995,887.02	WEYERHAEUSER CO FIXED 4% DUE 04-15-2030
Fixed Income	187,187	188,996.19	WFRBS COML MTG TR 3.66% DUE 03-15-2047
Fixed Income	45,000	38,605.87	WFRBS COML MTG TR FLTG RT 5.18784% DUE 09-15-2046
Fixed Income	9,576,000	14,071,483.08	WI TREASURY SEC 3.375% DUE 11-15-2048 REG
Fixed Income	4,730,000	4,732,596.82	WI TREASURY SEC TREAS NTS FLTG 01-31-2021
Fixed Income	12,600,000	13,596,679.66	WI UNITED STATES OF AMER TREAS T NOTE 2.375% DUE 02-29-2024
Fixed Income	13,000,000	13,803,867.22	WI UNITED STATES TREAS NTS FIXED 1.75% 07-31-2024
Fixed Income	5,292,000	7,209,109.66	WI US TREASURY N/B 3.0% DUE 02-15-2047
Fixed Income	484,000	607,598.89	WILLIAM HILL 4.75% GTD SNR 01/05/26 GBP
Fixed Income	648,324	526,529.58	WILLIAM MORRIS ENDEAVOR ENTMT LLC (IMG HLDNGS, LLC) TERM B-1 LN 05-18-25
Fixed Income	50,000	57,299.64	WILLIAMS PARTNERS 5.8 DUE 11-15-2043
Fixed Income	422,483	406,508.48	WILSONART LLC TRANCHE D TERM LOAN SENIOR SECURED 12-19-2023 BEO
Fixed Income	534,000	621,224.60	WMG ACQUISITION 3.625% GTD 15/10/2026 EUR
Fixed Income	229,000	236,747.07	WOORI BK GLOBAL 5.875% DUE 04-13-2021
Fixed Income	500,000	497,224.61	WOORI BK KOREA 4.25% DUE 12-31-2049
Fixed Income	3,700,000	3,822,134.78	WORLD FINL NETWORK CR CARD MASTER NT SER 18-C CL A 3.55% FIXED 08-15-2025
Fixed Income	585,000	593,646.94	WORLD OMNI AUTO RECEIVABLES TR SER 17-A CL A 2.24% DUE 06-15-2023
Fixed Income	3,180,000	3,243,887.15	WORLD OMNI AUTOMOBILE LEASE SEC TRUST SER 20-A CL A3 1.7% 01-17-2023 REG
Fixed Income	2,000,000	2,029,117.20	WORLD OMNI SELECT AUTO TR SER 19-A CL B 2.17% 12-15-2025
Fixed Income	240,000	211,200.00	WPX ENERGY INC 4.5% DUE 01-15-2030
Fixed Income	270,000	259,456.50	WPX ENERGY INC 5.875% DUE 06-15-2028 REG
Fixed Income	955,000	926,350.00	WPX ENERGY INC FIXED 5.75% 06-01-2026
Fixed Income	1,200,000	1,155,000.00	WYNDHAM WORLDWIDE CORP 4.5% 04-01-2027
Fixed Income	200,000	229,790.48	XCEL ENERGY INC FIXED 3.4% DUE 06-01-2030
Fixed Income	195,000	274,943.88	XTO ENERGY INC 6.75% DUE 08-01-2037
Fixed Income	210,000	267,182.21	YALE UNIV MEDIUM 7.375% DUE 04-15-2096
Fixed Income	350,000	346,463.35	YANLORD LAND HK CO 6.8% GTD SNR 27/02/2024 USD
Fixed Income	200,000	215,640.00	YAPI KREDI BANKASI 13.875%-FRN MTN PERP USD
Fixed Income	800,000	920,165.21	YARA INTERNATIONAL ASA 144A 4.75% DUE 06-01-2028 BE
Fixed Income	400,000	301,000.00	YPF ENERGIA ELECTRICA S.A. 10.0% DUE 07-25-2026 BEO
Fixed Income	700,000	591,675.00	YPF SA 8.5% SNR 23/03/21 USD'REGS'

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Fixed Income	1,082,000	803,385.00	YPF SA 8.5% SNR MTN 28/07/2025 USD
Fixed Income	200,000	147,726.00	YPF SOCIEDAD 8.5% 27/06/2029
Fixed Income	1,000,000	742,500.00	YPF SOCIEDAD 8.5% DUE 07-28-2025
Fixed Income	610,000	427,000.00	YPF SOCIEDAD ANONIMA 6.95% DUE 07-21-2027
Fixed Income	300,000	304,500.00	YUM BRANDS INC 4.75% 144A DUE 01-15-2030
Fixed Income	400,000	392,493.08	YUZHOU GROUP HOLDI 7.7% GTD 20/02/2025 USD
Fixed Income	1,240,000	1,179,934.40	ZAYO GROUP HLDGS 4% DUE 03-01-2027
Fixed Income	1,177,050	1,114,572.19	ZAYO GROUP HOLDINGS INC TERM LOAN 02-19-2027
Fixed Income	199,500	216,730.20	ZAYO GROUP LLC (ZAYO CAPITAL, INC.) (EUR) TERM LOAN 19/02/2027
Fixed Income	600,000	606,942.41	ZF EUROPE FIN B.V. 3.0% 23/10/2029
Fixed Income	265,000	249,486.90	ZIGGO B.V. TERM I LOAN 04-15-2028
Fixed Income	2,100,000	2,286,264.55	ZIGGO B.V. TERM LN 31/01/2029
Fixed Income	898,200	1,043,314.78	ZIGGO BV 4.25% SNR SEC 15/01/27 EUR
Fixed Income	100,000	103,728.00	ZIMMER BIOMET 3.15% DUE 04-01-2022
Fixed Income	500,000	543,061.74	ZIMMER BIOMET 3.55% DUE 04-01-2025
TOTAL		5,507,377,415.72	

Real Estate Investments

Real Estate	204,160,554	201,724,505.00	BLACKSTONE PROPERTY PARTNERS LP
Real Estate	31,996,150	32,892,200.00	BLUE VISTA REAL ESTATE PARTNERS IV LP
Real Estate	29,079,190	32,762,202.00	BROOKFIELD STRATEGIC REAL ESTATE PARTNERS II
Real Estate	13,426,170	12,894,165.00	BSREP III A LP
Real Estate	105,617,418	107,888,890.00	CARLYLE PROPERTY INVESTORS LP
Real Estate	185,245	213,168,404.95	CF HEITMAN AMERICA REAL ESTATE TRUST LP FD
Real Estate	22,445,584	228,496,040.34	CF JPMCB STRATEGIC PROPERTY FUND
Real Estate	100	99,981.00	CF RREEF FUND WEST VI
Real Estate	8,407	85,173,123.43	CF UBS TRUMBULL PROPERTY FUND
Real Estate	18,858,033	17,564,813.00	CROW HOLDINGS REALTY PARTNERS VII LP
Real Estate	68,297,747	97,079,615.00	DUNE REAL ESTATE FUND III
Real Estate	11,711,637	10,693,917.00	DUNE REAL ESTATE FUND IV LP
Real Estate	11,650,184	16,287,183.00	DUNE REAL ESTATE PARALLEL FUND II LP
Real Estate	10,865,879	7,860,669.00	FRANKLIN TEMPLETON EMERGING MANAGER REALESTATE FUND OF FUNDS LP
Real Estate	9,337,554	2,110,938.00	FRANKLIN TEMPLETON PRIVATE REAL ESTATE FUND SERIES A
Real Estate	5,461,784	4,504,295.00	LONG WHARF REAL ESTATE PARTNERS VI, LP
Real Estate	18,864,031	18,868,963.00	MDP RE 2015, LP
Real Estate	12,890,806	12,747,602.00	MDP RE 2015, LP - TRANCHE 2
Real Estate	21,917,823	21,653,980.00	MDP RE 2015, LP - TRANCHE 3
Real Estate	17,148,928	15,124,608.00	Oaktree Real Estate Debt Fund II (Parallel), L.P.
Real Estate	29,920,256	23,062,157.00	REAL ESTATE GLOBAL PARTNERSHIP FUND II, LP
TOTAL	0	(30,309,175.64)	Valuation adjustment, real estate
		1,132,349,076.08	

Alternative Investments

Alternatives	1,090,211	15,710.00	ABINGWORTH BIOVENTURES III A, LP
Alternatives	2,086,294	207,735.00	ABINGWORTH BIOVENTURES IV, LP
Alternatives	4,035,694	385,569.00	ABRY PARTNERS V LP 6-009966
Alternatives	1,675,295	150,603.00	ABRY PARTNERS V LP 6-019967
Alternatives	1,428,943	58,972.00	ABRY SENIOR EQUITY II LP
Alternatives	1	1.00	ACCELL VIII, LP
Alternatives	4,307,930	858,501.00	ACP IV, LP
Alternatives	28,662,353	18,193,551.00	ADAMS STREET 2007 GLOBAL OPPORTUNITIES PORTFOLIO LP
Alternatives	965,620	5,205,671.00	ADAMS STREET 2008 DIRECT FUND, LP
Alternatives	2,051,219	5,051,870.00	ADAMS STREET 2009 DIRECT FUND, LP
Alternatives	47,619,248	66,010,013.00	ADAMS STREET 2012 GLOBAL FUND LP
Alternatives	64,170,773	95,488,684.00	ADAMS STREET 2013 GLOBAL FUND LP
Alternatives	81,917,200	109,888,837.00	ADAMS STREET 2015 GLOBAL FUND LP
Alternatives	87,538,254	98,793,009.00	ADAMS STREET 2016 GLOBAL FUND LP
Alternatives	52,381,571	53,648,744.00	ADAMS STREET 2017 GLOBAL FUND LP
Alternatives	26,910,000	27,638,779.00	ADAMS STREET 2018 GLOBAL FUND LP
Alternatives	6,835,248	1,693,782.00	ADAMS STREET GLOBAL OPPORT SECOND FUND
Alternatives	8,151,452	8,649,292.00	ADAMS STREET GLOBAL OPPORTUNITIES SECONDARY FUND 5
Alternatives	67,461,352	98,063,634.00	ADAMS STREET PARTNERS 2014 GLOBAL FUND LP
Alternatives	20,979,729	22,573,486.00	ADAMS STREET PARTNERSHIP FUND - 2008 US FUND, LP
Alternatives	18,664,477	22,555,982.00	ADAMS STREET PARTNERSHIP FUND - 2008 NON-US FUND, LP
Alternatives	6,280,731	9,967,066.00	ADAMS STREET PARTNERSHIP FUND - 2009 NON-US EMERGING MARKETS FUND, LP
Alternatives	24,268,764	31,439,213.00	ADAMS STREET PARTNERSHIP FUND - 2009 US FUND, LP
Alternatives	13,556,183	4,702,963.00	ADAMS STREET PSHIP FD-2004 NON US FUND
Alternatives	12,836,573	15,069,032.00	ADAMS STREET PSHP FD - 2009 NON-US DEVELOPED MARKETS FUND
Alternatives	2,224,575	127,455.00	ADVANCED TECHNOLOGY VENT VII (C), LP
Alternatives	25,251,365	11,231,322.00	ALINDA INFRASTRUCTURE FUND II
Alternatives	8,079,375	328,806.00	APOLLO INVESTMENT FUND VI LP
Alternatives	285,000,000	283,913,384.00	AQR GLB RM BUYWRITE FD LP
Alternatives	5,783,824	1,626,722.00	ARCH VENTURE FUND VI, LP
Alternatives	1	1.00	ARCLIGHT ENERGY PARTNERS FUND II, LP
Alternatives	407,441	1.00	ARLINGTON CAPITAL PARTNERS, LP
Alternatives	752,542	1.00	ASCEND VENTURES
Alternatives	95,000,000	94,799,847.00	ASPECT CORE TREND HV FUND
Alternatives	1,337,595	300,630.00	AUSTIN VENTURES IX LP
Alternatives	1	1.00	AUSTIN VENTURES V, LP
Alternatives	366,597	1.00	AUSTIN VENTURES VI LP - SECONDARY
Alternatives	1	1.00	AUSTIN VENTURES VI, LP
Alternatives	4,059,745	11,498.00	AUSTIN VENTURES VII, LP
Alternatives	140,878	3,864.00	AUSTIN VENTURES VIII SECONDARY, LP
Alternatives	1,555,499	47,884.00	AUSTIN VENTURES VIII, LP
Alternatives	2,227,221	14,210.00	BAIN CAPITAL FUND VIII 6-008185
Alternatives	772,226	3,747.00	BAIN CAPITAL FUND VIII 6-008187
Alternatives	1	1.00	BAIN CAPITAL VIII CO-INVESTMENT FUND LP
Alternatives	397,362	1.00	BANC FUND VI, LP
Alternatives	105,974	1.00	BANC FUND VII, LP

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Alternatives	1	1.00	BATTERY VENTURES VI, LP
Alternatives	2,016,351	89,089.00	BATTERY VENTURES VII, 6009507
Alternatives	1,420,842	62,873.00	BATTERY VENTURES VII, LP
Alternatives	4,468,124	447,590.00	BENCHMARK CAPITAL PTRS IV, LP
Alternatives	1,358,753	583,704.00	BERKSHIRE FUND VI, LP
Alternatives	17,188,523	17,240,638.00	BIG REAL ESTATE FUND I LP
Alternatives	4,903,774	811,598.00	BLACKSTONE CAPITAL PARTNERS V, LP
Alternatives	504,585	29,640.00	BLACKSTONE MEZZANINE PARTNERS II, LP
Alternatives	18,415	1.00	BLACKSTONE OFFSHORE CAPITAL PARTNERS II
Alternatives	12,789,047	13,647,441.04	BLACKSTONE REAL ESTATE PARTNERS EUROPE VI SCSP - COLATERAL ACCOUNT
Alternatives	103,733	1.00	BOSTON VENTURES V, LP
Alternatives	1	1.00	BOSTON VENTURES VI, LP
Alternatives	436	4,535.00	BOWMAN PARTNERS, LP
Alternatives	2,175,365	1,679,648.00	BREGAL SAGEMOUNT III B LP
Alternatives	3,541,549	43,955.00	BRENTWOOD ASSOC IX, LP
Alternatives	664,658	210,808.00	BRINSON NON-US PSHIP FD TR-2003 PRMY FD
Alternatives	1,239,707	182,708.00	BRINSON NON-US PSHIP FD TR-2001 PRIMARY
Alternatives	1,741,330	567,913.00	BRINSON NON-US PSHIP FD TR-2000 PRI FD,LP
Alternatives	182,365	100,644.00	BRINSON NON-US PSHIP FD TRST-1999 PRIM FD
Alternatives	212,865	165,060.00	BRINSON NON-US PSHIP FD TRST-2002 PRIM FD
Alternatives	996,009	215,917.00	BRINSON NON-US PSHIP FD TRST-2004 PRIM FD
Alternatives	155,599	15,828.00	BROCKWAY MORAN & PTRS FD II, LP
Alternatives	919,599	1.00	CALTIUS PARTNERS III, LP
Alternatives	2,631,424	685,653.00	CANAAN VII LP
Alternatives	2,382,655	1.00	CARLYLE PARTNERS IV, LP
Alternatives	6,351,908	512,398.00	CARLYLE/RIVERSTONE GLOBAL ENERGY & POWER III LP
Alternatives	338,217	8,711.00	CASTILE VENTURES, L.P.
Alternatives	3,224,247	741,448.00	CASTLE HARLAN PARTNERS IV, LP
Alternatives	100,000	82,959,740.00	CF ARP ALTERNATIVE RETURN CAPTURE FUND LTD CL SER 0120
Alternatives	185,054,847	1,850,548,472.15	CF SURS GBL EQ FEB 2020 R/S UNTCL
Alternatives	7,266,291	34,370.00	CHS PRIVATE EQUITY V LP 6-011467
Alternatives	3,428,217	13,543.00	CHS PRIVATE EQUITY V LP 6-011478
Alternatives	1	1.00	CLAYTON DUBILIER & RICE FD VI, LP
Alternatives	383,330	1.00	CLAYTON, DUBILIER & RICE FUND VII, LP
Alternatives	2,926,326	2,753,048.00	CLEARLAKE CAPITAL PARTNERS VI LP
Alternatives	1	1.00	CODE HENNESSY & SIMMONS III, LP
Alternatives	1	1.00	CODE HENNESSY & SIMMONS IV, LP
Alternatives	9,549,994	9,395,399.00	CORTEC GROUP FUND VII LP
Alternatives	15,827,380	16,088,039.00	CROW HOLDINGS REALTY PARTNERS VIII, LP -RESTRICTED
Alternatives	1	1.00	ENTERPRISE PARTNERS VI, LP
Alternatives	3,301,403	459,453.00	ESSEX WOODLANDS HEALTH VEN FD VII, LP
Alternatives	7,858,473	3,823,660.00	ESSEX WOODLANDS HEALTH VENT VI 6007782
Alternatives	3,208,868	1,813,533.00	ESSEX WOODLANDS HEALTH VENT VI 6007783
Alternatives	815,738	176,122.00	ESSEX WOODLANDS HEALTH VENTURES FUND VII, LP
Alternatives	1,239,820	1.00	FIRST RESERVE FUND X, LP 6-008654
Alternatives	6,769,068	7,755.00	FIRST RESERVE FUND XI, LP 6-014733
Alternatives	12,716,296	14,306.00	FIRST RESERVE FUND XI, LP 6-014764
Alternatives	1	1.00	FORTRESS INVESTMENT FUND II, LLC
Alternatives	1,256,771	185,061.00	FORTRESS INVESTMENT FUND III, LP
Alternatives	2,718,114	1.00	FP GP SLITTER, LLC
Alternatives	3,746,112	2,328,097.00	FRANCISCO PARTNERS II, LP
Alternatives	0	-	FUT 16 SEP 20 LME ALUM US
Alternatives	0	-	FUT 16 SEP 20 LME NICKEL US
Alternatives	0	-	FUT 16 SEP 20 LME ZINC US
Alternatives	0	-	FUT AUG 20 CMX GOLD
Alternatives	0	-	FUT DEC 20 CBT BEAN MEAL
Alternatives	0	-	FUT DEC 20 CBT BEAN OIL
Alternatives	0	-	FUT DEC 20 ICEUS COTTON 2
Alternatives	0	-	FUT NOV 20 CBT SOYBEANS
Alternatives	0	-	FUT OCT 20 CSC SUGAR 11
Alternatives	0	-	FUT SEP 20 CBT CORN
Alternatives	0	-	FUT SEP 20 CBT WHEAT
Alternatives	0	-	FUT SEP 20 CMX HG COPPER
Alternatives	0	-	FUT SEP 20 CMX SILVER
Alternatives	0	-	FUT SEP 20 CSC COFFEE 'C'
Alternatives	0	-	FUT SEP 20 HEATING OIL
Alternatives	0	-	FUT SEP 20 ICE GAS OIL
Alternatives	0	-	FUT SEP 20 IPE BRENT CRD
Alternatives	0	-	FUT SEP 20 NYM HH NAT GAS
Alternatives	0	-	FUT SEP 20 NYM LT CRUDE
Alternatives	0	-	FUT SEP 20 NYM RBOB GAS
Alternatives	338,365	1.00	GENSTAR CAPITAL PARTNERS IV 6-008704
Alternatives	2,885,493	1.00	GENSTAR CAPITAL PARTNERS IV 6-008709
Alternatives	11,110,794	429,093.00	GGC INVESTMENT FUND II, LP
Alternatives	371,541	134,822.00	GRANITE GLOBAL VENTURES III, L.P.
Alternatives	6,132,706	1.00	GRANITE VENTURES II, LP
Alternatives	9,602	1.00	GREEN EQUITY INVESTORS IV, LP
Alternatives	6,113,470	5,301,553.00	GREEN EQUITY INVESTORS V, LP
Alternatives	1	1.00	GTCR FUND VII, LP
Alternatives	27,653,546	27,129,235.00	HARVEST PARTNERS VIII, LP
Alternatives	544,322	1.00	HELLMAN & FRIEDMAN CAPITAL INVESTORS V
Alternatives	3,836,955	675,277.00	HELLMAN & FRIEDMAN CAPITAL PARTNERS VI
Alternatives	1,278,567	1.00	INSIGHT VENTURE PARTNERS (CAYMAN) V LP
Alternatives	1	1.00	INSTITUTIONAL VENTURE PTRS VIII, LP
Alternatives	4,220,794	815,392.00	INTERWEST PARTNERS IX LP 6-011384
Alternatives	4,899,625	1,105,135.00	INTERWEST PARTNERS IX LP 6-011385
Alternatives	1	1.00	INTERWEST PARTNERS VII, LP
Alternatives	1,280,192	195,263.00	INTERWEST PARTNERS VIII, LP
Alternatives	2,304	1.00	J.W. CHILDS EQUITY PARTNERS II, LP
Alternatives	1,710,496	5,744.00	J.W. CHILDS EQUITY PARTNERS III, LP
Alternatives	2,377,245	1,125,969.00	JLL PARTNERS FUND IV, LP

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Alternatives	1,633,270	939,094.00	JLL PARTNERS FUND V LP
Alternatives	3,433,522	14,212.00	KELSO INVESTMENT ASSOCIATES VII, LP
Alternatives	1	6,714,561.00	KKR PRISMA CODLIN FUND LLC
Alternatives	1	8,054.00	KLEE ASIA FUND I, LP
Alternatives	1	1.12	KLEE EUROPE FUND I, LP
Alternatives	589	7,069.11	KLEE EUROPE FUND II, LP
Alternatives	611	6,734.00	KLEE USA FUND I, LP
Alternatives	1	181.00	KLEE USA FUND II, LP
Alternatives	3,998,055	1,232,657.00	KODIAK VENTURE PARTNERS III, LP
Alternatives	4,948,264	2,021,258.00	LAKE CAPITAL PARTNERS II, LP
Alternatives	278,598	1.00	LATTERELL VENTURE PARTNERS II, LP
Alternatives	6,426,492	2,799,032.00	LEAPFROG VENTURES II, LP
Alternatives	2,427,510	1.00	LIGHTSPEED VENT PTRS VI, LP
Alternatives	58,318,337	69,815,725.00	LINCOLN FUND I, LP
Alternatives	100,000,000	102,775,661.00	LOMBARD ODIER FUND IV - ALTERNATIVE RISKPREMIA CORE V10
Alternatives	66,000,000	67,321,634.00	LONGTAIL ALPHA ENHANCED SYSTEMATIC TRENDFOLLOWING FUND LP
Alternatives	11,757,897	4,969,587.00	M2 PRIVATE EQUITY FUND-OF-FUNDS, LP
Alternatives	68,706,201	76,963,411.00	M2 SURS EMERGING PRIVATE EQUITY FUND OF FUNDS LP
Alternatives	877,646	14,823,608.00	MACQUARIE INFRASTRUCTURE PARTNERS II INTERNATIONAL
Alternatives	28,657,583	45,384,628.00	MACQUARIE INFRASTRUCTURE PARTNERS III, LP
Alternatives	44,210,697	46,729,204.00	MACQUARIE INFRASTRUCTURE PARTNERS IV LP
Alternatives	1,743,926	180,108.00	MADISON DEARBORN CAP PTRS IV, LP
Alternatives	355,237	1.00	MATRIX PARTNERS VI, LP
Alternatives	1,589,151	78,917.00	MATRIX PARTNERS VII, LP
Alternatives	1	1.00	MEDVENTURE ASSOCIATES V, LP
Alternatives	2,106,899	56,062.00	MENLO VENTURES IX, LP
Alternatives	1	1.00	MENLO VENTURES VIII, LP
Alternatives	1,641,325	128,111.00	MENLO VENTURES X, LP
Alternatives	34,478,900	40,916,626.00	MESIROW FINANCIAL PRIVATE EQUITY FUND VII-B, L.P.
Alternatives	58,400,000	54,149,925.00	MESIROW FINANCIAL PRIVATE EQUITY SPECIALFUND B LP
Alternatives	1	1.00	MOBIUS TECHNOLOGY VENTURES VI, LP
Alternatives	1	1.00	MORGAN STANLEY DEAN WITTER VENTURE PTRS IV, LP
Alternatives	4,186	1.00	MORGAN STANLEY VENTURE PTRS III, LP
Alternatives	557,000,000	591,653,091.00	NEUBERGER BERMAN US EQUITY INDEX PUTWRITE FUND LLC
Alternatives	1,170,126	162,268.00	NEW ENTERPRISE ASSOC 8A, LP
Alternatives	5,673,190	363,220.00	NEW ENTERPRISE ASSOC IX, LP
Alternatives	4,725,852	328,083.00	NEW ENTERPRISE ASSOC VIII, LP
Alternatives	1,370,622	255,941.00	NEW ENTERPRISE ASSOC X, LP
Alternatives	4,585,839	1,067,569.00	NEW ENTERPRISE ASSOC XI, LP
Alternatives	3,396,027	888,993.00	NEW LEAF VENTURE I, LP (FORMERLY SPROUT HEALTHCARE VENTURES I, LP)
Alternatives	759,537	72,147.00	NEW MOUNTAIN PARTNERS II, LP
Alternatives	1	6,378,771.00	NEWPORT MONARCH LLC
Alternatives	9,335,567	2,270,317.00	OAK INVESTMENT PARTNERS XI, LP
Alternatives	1	1.00	OAK INVESTMENT PTRS VII, LP
Alternatives	1	1.00	OAK INVESTMENT PTRS VIII, LP
Alternatives	7,706,106	7,319,687.00	OCEANSOUND PARTNERS FUND, LP
Alternatives	284,114	1.00	OCM EUROPEAN PRINCIPAL OPP FD LP
Alternatives	1	1.00	OCM OPPORTUNITIES FUND III, LP 6-007852
Alternatives	1	1.00	OCM OPPORTUNITIES FUND IV, LP
Alternatives	2	1.00	OCM OPPORTUNITIES FUND V, LP
Alternatives	2,874,148	1.00	OCM PRIN OPPORTUNITIES FD III LP 6007855
Alternatives	2,290,112	5,859.00	ODYSSEY INVESTMENT PARTNERS FUND III, LP
Alternatives	1	1.00	OLYMPUS GROWTH FUND III, LP
Alternatives	1,584,227	1.00	OLYMPUS GROWTH FUND IV, LP 6-007857
Alternatives	1	1.00	OLYMPUS GROWTH FUND IV, LP 6-007858
Alternatives	3,241,858	535,229.00	ONEX PARTNERS II, LP
Alternatives	1,965,511	36,986.00	ONEX PARTNERS, LP
Alternatives	1,346,291	1.00	PACESETTER GROWTH FUND L.P.
Alternatives	23,581,607	22,716,391.00	PANTHEON ACCESS US, LP
Alternatives	15,820,257	3,238,748.49	PANTHEON EUROPE
Alternatives	583,703	11,337,323.48	PANTHEON EUROPE FUND VI L.P.
Alternatives	6,788,787	22,929,986.97	PANTHEON EUROPE FUND VII
Alternatives	4,119,678	361,355.00	PANTHEON GLOBAL SECONDARY FUND II, LP
Alternatives	21,104,654	24,088,067.00	PANTHEON M S 2017
Alternatives	70,739,064	81,967,617.00	PANTHEON MULTI-STRATEGY PROGRAM 2014 (US)
Alternatives	47,102,863	65,424,586.00	PANTHEON USA FUND IX LP
Alternatives	36,738,918	47,282,002.00	PANTHEON USA FUND VIII, LP
Alternatives	2,520,325	1.00	PFINGSTEN EXECUTIVE QP FUND III, LP
Alternatives	1,520,285	274,492.00	PHAROS CAPITAL PARTNERS, LP
Alternatives	75,000,000	77,107,024.00	PIMCO ALTERNATIVE RISK PREMIA
Alternatives	82,500,000	118,500,269.00	PIMCO COMMODITY ALPHA FUND LLC
Alternatives	2,985,209	114,640.00	PROVIDENCE EQUITY PARTNERS V, LP
Alternatives	6,685,188	281,136.00	PROVIDENCE EQUITY PARTNERS V-A, LP
Alternatives	970,559	2,569.00	PROVIDENCE EQUITY PTRS IV, LP OFFSHORE & DOMESTIC
Alternatives	10,221,741	4,142,086.00	PROVIDENCE EQUITY PTRS VI LP
Alternatives	2,443,074	334,828.00	QUANTUM ENERGY PARTNERS IV, LP
Alternatives	10	1.00	REDPONT VENTURES I, LP
Alternatives	701,203	8,734.00	REDPONT VENTURES II, LP
Alternatives	17,049,237	17,049,237.00	REVERENCE CAPITAL PARTNERS OPPORTUNITIES FUND II, LP
Alternatives	263,737	1.00	ROUNDTABLE HEALTHCARE PARTNERS II LP
Alternatives	993,060	1.00	SAFEGUARD INTERNATIONAL FUND, LP
Alternatives	1	1.00	SIERRA VENTURES VII, LP
Alternatives	1	1.00	SOFTBANK TECHNOLOGY VENTURES V, LP
Alternatives	1	1.00	SORENSEN CAPITAL PARTNERS, LP
Alternatives	2,272,069	1.00	SPC PARTNER III, LP
Alternatives	1	1.00	SPROUT CAPITAL IX, LP
Alternatives	1	1.00	SPROUT CAPITAL VIII, LP
Alternatives	5,846,042	1,896,165.00	STERLING INVESTMENT PARTNERS II, LP
Alternatives	1,364,712	669,766.00	STORM VENTURES FUND III, LP
Alternatives	429,375	1.00	SUMMIT ACCELERATOR FUND, LP
Alternatives	2,433,577	1,173,118.00	SUMMIT PARTNERS PRIVATE EQUITY FUND VII B, LP

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Alternatives	3,678,298	1,400,752.00	SUMMIT PARTNERS PRIVATE EQUITY FUND VII-A, LP
Alternatives	417,228	94,889.00	SUMMIT PARTNERS VENTURE CAP FD II-B, LP
Alternatives	346,727	63,888.00	SUMMIT PARTNERS VENTURE CAPITAL FUND II-A, LP
Alternatives	1,279,469	707,062.00	SUMMIT SUBORDINATED DEBT FUND III-B, LP
Alternatives	1	1.00	SUMMIT VENTURES IV, LP
Alternatives	944,916	1.00	SUMMIT VENTURES V, LP
Alternatives	3,131,780	100,336.00	SUMMIT VENTURES VI-A, LP
Alternatives	3,564,088	173,936.00	SUN CAPITAL PARTNERS III QP, LP
Alternatives	2,980,124	407,804.00	SUN CAPITAL PARTNERS IV, LP
Alternatives	1,329,508	73,783.00	SYNDICATED COMMUNICATIONS VENT PTRS IV
Alternatives	1,307,181	1.00	TA ATLANTIC AND PACIFIC V, LP
Alternatives	522,247	1.00	TA ATLANTIC AND PACIFIC V, LP 6-009108
Alternatives	293,349	1.00	TA IX, LP
Alternatives	95,000,000	88,040,496.00	THE CAMPBELL OFFSHORE FUND LIMITED SPC -CLASS C
Alternatives	931,634	1.00	THE RESOLUTE FUND, LP 6-007894
Alternatives	962,461	1.00	THE RESOLUTE FUND, LP 6-007895
Alternatives	1	1.00	THREE ARCH CAPITAL, LP
Alternatives	3,428,786	1.00	THREE ARCH PARTNERS IV
Alternatives	2,798,907	1.00	THREE ARCH PARTNERS IV 6-007925
Alternatives	3,151,824	183,357.00	TPG PARTNERS IV, LP 6-007897
Alternatives	4,105,097	154,993.00	TPG PARTNERS IV, LP 6-007898
Alternatives	1	1.00	US VENTURE PARTNERS IV, LP
Alternatives	1	1.00	US VENTURE PARTNERS VI, LP
Alternatives	1	1.00	US VENTURE PARTNERS VII, LP
Alternatives	1	1.00	US VENTURE PARTNERS VIII, LP
Alternatives	897,979	27,567.00	VERSANT VENTURE CAPITAL I, LP
Alternatives	1,638,144	196,101.00	VERSANT VENTURE CAPITAL II, LP
Alternatives	1	1.00	VESTAR CAPITAL PARTNERS III, LP
Alternatives	1	43,189.00	VESTAR CAPITAL PARTNERS IV, LP
Alternatives	6,804,990	1,399,506.00	VESTAR CAPITAL PARTNERS V LP
Alternatives	907,484	37,050.00	WARBURG PINCUS PE VIII, LP
Alternatives	315,957	466,944.00	WARBURG PINCUS PRIVATE EQUITY IX, LP
Alternatives	1	1.00	WCAS CAPITAL PARTNERS III, LP
Alternatives	1	1.00	WCAS IX, LP
Alternatives	1	1.00	WCAS VI, LP
Alternatives	1	1.00	WCAS VIII, LP
Alternatives	2,192,035	1.00	WELLSPRING CAPITAL PARTNERS IV, LP
Alternatives	5,562,895	906,314.00	WESTON PRESIDIO V, LP
Alternatives	1,504,480	366,850.00	YORKTOWN ENERGY PTRS V, LP
Alternatives	0	124,775,393.59	Valuation adjustment, U.S. private equity
Alternatives	0	3,334,603.00	Valuation adjustment, non-U.S. private equity
Alternatives	0	4,950,159.34	Valuation adjustment, infrastructure
Alternatives	0	(11,700.74)	Valuation adjustment, hedge funds
TOTAL		5,012,453,665.55	

Self-Managed Plan Investment Allocation
June 30, 2020

	U.S. Equity	on-U.S. Equity	Fixed Income	Balanced	Real Estate	Total
Fidelity Funds						
Fidelity Managed Income Portfolio Class 2	\$ -	\$ -	\$ 80,057,210	\$ -	\$ -	\$ 80,057,210
Fidelity U.S. Bond Index Institutional Premium	-	-	68,107,884	-	-	68,107,884
PIMCO Total Return Institutional	-	-	58,032,127	-	-	58,032,127
Fidelity Puritan Class K	-	-	-	246,457,112	-	246,457,112
Ariel Fund Institutional	30,838,582	-	-	-	-	30,838,582
American Beacon Large Cap Value Institutional	13,556,418	-	-	-	-	13,556,418
Wells Fargo Small Company Growth R6	23,524,943	-	-	-	-	23,524,943
Fidelity Growth Company Commingled Pool	210,523,712	-	-	-	-	210,523,712
Fidelity Extended Market Index Premium	53,647,540	-	-	-	-	53,647,540
Fidelity Contrafund Commingled Pool	151,276,640	-	-	-	-	151,276,640
Fidelity Low Priced Stock Class K	43,898,109	-	-	-	-	43,898,109
Fidelity 500 Index Institutional Premium	284,545,044	-	-	-	-	284,545,044
Fidelity Diversified International Class K	-	53,227,943	-	-	-	53,227,943
Fidelity Global ex-U.S. Index Institutional Premium	-	34,786,388	-	-	-	34,786,388
Fidelity Real Estate Investment	-	-	-	-	20,663,580	20,663,580
Fidelity Freedom Index Funds - Inst Premium (1)	-	-	423,201,848	-	-	423,201,848
Fidelity Total	811,810,988	88,014,331	206,197,221	669,658,960	20,663,580	1,796,345,080
						62.3%
TIAA-CREF Funds						
CREF Money Market Account R3	-	-	8,790,956	-	-	8,790,956
Vanguard Federal Money Market Fund	-	-	25,425,760	-	-	25,425,760
TIAA Traditional Annuity	-	-	144,620,520	-	-	144,620,520
CREF Bond Market Account R3	-	-	67,996,512	-	-	67,996,512
CREF Inflation-Linked Bond Account R3	-	-	31,539,811	-	-	31,539,811
CREF Social Choice Account R3	-	-	-	60,332,750	-	60,332,750
CREF Equity Index Account R3	106,252,431	-	-	-	-	106,252,431
CREF Growth Account R3 (3)	366,507	-	-	-	-	366,507
CREF Stock Account R3	185,962,539	-	-	-	-	185,962,539
CREF Global Equities Account R3	-	68,329,133	-	-	-	68,329,133
Dimensional Target Date Ret Inc Fund - Inst (2)	-	-	-	12,067,190	-	12,067,190
TIAA Real Estate Account	-	-	-	-	22,791,957	22,791,957
TIAA-CREF Large-Cap Growth Index - Institutional	176,723,716	-	-	-	-	176,723,716
TIAA-CREF Lifecycle Index Funds - Institutional	-	-	-	177,193,230	-	177,193,230
TIAA-CREF Total	469,305,193	68,329,133	278,373,559	249,593,170	22,791,957	1,088,393,012
						37.7%
GRAND TOTAL	\$ 1,281,116,181	\$ 156,343,464	\$ 484,570,780	\$ 919,252,130	\$ 43,455,537	\$ 2,884,738,092
	44.4%	5.4%	16.8%	31.9%	1.5%	100.0%
SMP Forfeiture Reserve (4)						12,250,123
SMP Disability Reserve (4)						119,475,981
Total SMP Investments						\$ 3,016,464,196

1. As of June 30, 2020, the Fidelity Freedom Fund (lifecycle) series is the default fund for members who have selected the Self-Managed Plan but have not yet selected individual mutual funds and/or variable annuities.
2. As of June 30, 2020, the Dimensional Target Date Retirement Income series is the default fund for members who have selected TIAA but have not yet selected individual mutual funds/variable annuities/commingled pools.
3. CREF Growth Account is no longer an approved option for the Self-Managed Plan. Assets remaining in the Account were invested prior to the termination of this.
4. These assets are commingled with the SURS defined benefit plan investments and accrue interest equal to the overall annual rate of return of the fund, net of fees.