

Mutual Fund, Money Fund and Bank Deposit Sweep Product Disclosures

CHARGES, BREAKPOINT DISCOUNTS, FEES AND REVENUE SHARING

Before investing in mutual funds, it is important that you understand the sales charges, expenses and management fees that you will be charged, as well as the breakpoint discounts to which you may be entitled. Understanding these charges and breakpoint discounts will assist you in identifying the best investment for your particular needs and may help you to reduce the cost of your investment.

This section will give you general background information about these charges and discounts; however, sales charges, expenses, management fees and breakpoint discounts vary from mutual fund to mutual fund. Therefore, you should discuss these matters with your advisor and review each mutual fund's prospectus and statement of additional information (which are available from your advisor) to obtain the specific information regarding the charges and breakpoint discounts associated with a particular mutual fund.

Mutual Fund Sales Charges

Investors who purchase mutual funds must make certain choices, including which funds to purchase and which share class is most advantageous in light of their specific investing needs. Each mutual fund has a specified investment strategy. You should consider whether the mutual fund's investment strategy is compatible with your investment objectives. Additionally, many mutual funds offer different share classes. Although each share class represents a similar interest in the mutual fund's portfolio, the mutual fund will charge you different fees and expenses depending upon your choice of share class. As a general rule, Class A shares carry a "front-end" sales charge or "load" that is deducted from your investment at the time you buy the fund shares. This sales charge is a percentage of your total purchase.

As explained below, many mutual funds offer volume discounts to the front-end sales charge assessed on Class A shares at certain predetermined levels of investment, which are called "breakpoint discounts." In contrast, Class B and C shares usually do not carry any front-end sales charges. Instead, investors who purchase Class B or C shares pay asset-based sales charges, which may be higher or lower than the charges associated with Class A shares. Investors who purchase Class B or C shares may also be required to pay a sales charge known as a contingent deferred sales charge when they sell their shares, depending upon the rules of the particular mutual fund. This is known as a "back-end" sales charge or "load."

Mutual Fund Breakpoint Discounts

Many mutual funds offer investors a variety of ways to qualify for breakpoint discounts on the sales charge associated with the purchase of Class A shares. In general, most mutual funds provide breakpoint discounts to investors who make large purchases at one time. The extent of the discount depends upon the size of the purchase.

Generally, as the amount of the purchase increases, the percentage used to determine the sales load decreases. The entire sales charge may be waived for investors who make very large purchases of Class A shares. Mutual fund prospectuses contain tables that illustrate the available breakpoint discounts and the investment levels at which breakpoint discounts apply. Additionally, many mutual funds allow investors to qualify for breakpoint discounts based upon current holdings from prior purchases through Rights of Accumulation (ROA) and from

future purchases based upon Letters of Intent (LOI). Mutual funds have different rules regarding the availability of ROAs and LOIs. Therefore, you should discuss these matters with your advisor and review the mutual fund's prospectus and statement of additional information to determine the specific terms upon which a mutual fund offers ROAs or LOIs.

Rights of Accumulation—Many mutual funds allow investors to count the value of previous purchases of the same fund, or another fund within the same fund family, with the value of the current purchase to qualify for breakpoint discounts. Moreover, mutual funds may allow investors to count existing holdings in multiple accounts, such as individual retirement accounts (IRAs) or accounts at other financial organizations to qualify for breakpoint discounts. Therefore, if you have accounts at other financial organizations and wish to take advantage of the balances in these accounts to qualify for a breakpoint discount, you must advise your advisor about those balances. You may need to provide documentation if you wish to rely upon balances in accounts at another firm.

In addition, many mutual funds allow investors to count the value of holdings in accounts of certain related parties, such as spouses or children, to qualify for breakpoint discounts. Each mutual fund has different rules that govern when relatives may rely upon each other's holdings to qualify for breakpoint discounts. You should consult with your advisor and review the mutual fund's prospectus and statement of additional information to determine what these rules are for the fund family in which you are investing. If you wish to rely upon the holdings of related parties to qualify for a breakpoint discount, you should inform your advisor about these accounts. You may need to provide documentation to your advisor if you wish to rely upon balances in accounts at another firm. Mutual funds also follow different rules to determine the value of existing holdings. Some funds use the current net asset value (NAV) of existing investments in determining whether an investor qualifies for a breakpoint discount. However, some use the historical cost, which is the cost of the initial purchase, to determine eligibility for breakpoint discounts. If the mutual fund uses historical costs, you may need to provide account records, such as confirmation statements or monthly statements, to qualify for a breakpoint discount based upon previous purchases. You should consult with your advisor or firm, and review the mutual fund's prospectus and statement of additional information to determine whether the mutual fund uses NAV or historical costs to determine breakpoint eligibility.

Letters of Intent—Many mutual funds allow investors to qualify for breakpoint discounts by signing an LOI, which commits the investor to purchasing a specified amount of Class A shares within a defined period of time, usually 13 months. For instance, if an investor plans to purchase \$50,000 worth of Class A shares over a period of 13 months, but each individual purchase would not qualify for a breakpoint discount, the investor could sign an LOI at the time of the first purchase and receive the breakpoint discount associated with a \$50,000 investment on the first and all subsequent purchases.

Additionally, some funds offer retroactive LOIs that allow investors to rely upon purchases in the recent past to qualify for a breakpoint discount. However, if an investor fails to invest the amount required by the LOI, the fund is entitled to retroactively deduct the correct sales charges based upon the amount that the investor actually invested.

If you intend to make several purchases within a 13-month period, you should consult your advisor and the mutual fund prospectus to determine if it would be beneficial for you to sign an LOI.

As you can see, understanding the availability of breakpoint discounts is important because it may allow you to purchase Class A shares at a lower price. The availability of breakpoint discounts may save you money and may also affect your decision regarding the appropriate share class in which to invest. Therefore, you should discuss the availability of breakpoint discounts with your advisor and carefully review the mutual fund prospectus and its statement of additional information when choosing among the share classes offered by a mutual fund. If you wish to learn more about mutual fund share classes or mutual fund breakpoints, you can also review the investor alerts via the Financial Industry Regulatory Authority (FINRA) website.

Mutual Fund Fees and Revenue Sharing

Pershing may receive servicing fees from mutual funds that participate in Pershing's mutual fund no-transaction-fee program (FundVest®) in lieu of clearance charges to your financial organization. Participation by your financial organization in this program is optional and your financial organization may share with Pershing in such fees. These fees may be considered revenue sharing and are a significant source of revenue for Pershing, and they may be a significant source of revenue for your financial organization. These fees are paid in accordance with an asset-based formula.

Pershing also receives operational reimbursements from mutual funds in the form of networking or omnibus processing fees. These reimbursements are based either on a flat fee per holding or a percentage of assets and are remitted to Pershing for its work on behalf of the funds. This work may include, but is not limited to, subaccounting services, dividend calculation and posting, accounting, reconciliation, client confirmation and statement preparation and mailing, and tax statement preparation and mailing. These fees are a significant source of revenue for Pershing.

No-transaction-fee Services Fees

Pershing has agreements with the mutual funds on the accompanying list to receive servicing fees to participate in Pershing's mutual fund no-transaction-fee program, FundVest, in lieu of clearance charges to your financial organization. Participation by your financial organization in this program is optional and your financial organization may share with Pershing in such fees. These fees may be considered revenue sharing and are a significant source of revenue for Pershing, and they may be a significant source of revenue for your financial organization. The funds on the accompanying list are in highest to lowest order for their 2022 gross dollar payments to Pershing.

1	AMERICAN FUNDS	111	LOCORR FUNDS	221	Q3 FUNDS
2	T ROWE PRICE FUNDS	112	GPS II FUNDS	222	361 CAPITAL FUNDS
3	BLACKROCK FUNDS	113	UBS FUNDS	223	INTEGRITY FUNDS
4	FRANKLIN TEMPLETON FUNDS	114	METROPOLITAN FUNDS	224	TOCQUEVILLE FUNDS
5	MFS FUNDS	115	LEGG MASON / WESTERN ASSET O	225	FIRST TRUST FUNDS
6	JPMORGAN FUNDS	116	MANNING & NAPIER FUNDS	226	JAMES FUNDS
7	INVESCO FUNDS	117	FIRST TRUST FDS	227	WCM FUNDS
8	NUVEEN FUNDS	118	RIVER CANYON FUNDS	228	DEAN FUNDS
9	RUSSELL FUNDS	119	SIT FUNDS	229	RMB FUNDS
10	COLUMBIA FUNDS	120	TACTICAL FUNDS	230	GUINNESS ATKINSON FUNDS
11	OAKMARK FUNDS	121	NATIONWIDE FUNDS	231	DUNHAM FUNDS
12	PRINCIPAL FUNDS	122	CAUSEWAY FUNDS	232	SSGA FUNDS
13	ALLSPRING FUNDS	123	MADISON FUNDS	233	PINNACLE FUNDS
14	HARTFORD FUNDS	124	PZENA FUNDS	234	PENSION PARTNERS FUNDS
15	PRUDENTIAL FUNDS	125	GPS I FUNDS	235	CRM FUNDS
16	GOLDMAN SACHS FUNDS	126	ADVISORS PREFERRED TRUST	236	ADIRONDACK FUNDS
17	ARTISAN FUNDS	127	RATIONAL FUNDS	237	FIRST REPUBLIC FUNDS
18	JOHN HANCOCK FUNDS	128	PEAR TREE FUNDS	238	MERIDIAN FUNDS
19	DOUBLELINE FUNDS	129	WEITZ FUNDS	239	JACKSON SQUARE FUNDS
20	AB FUNDS	130	NICHOLAS FUNDS	240	EATON VANCE OFFSHORE FUNDS
21	AMERICAN CENTURY FUNDS	131	MEEDER FUNDS	241	HARDING LOEVNER OFFSHORE



22	LORD ABBETT FUNDS	132	SHELTON FUNDS	242	POLEN OFFSHORE FUNDS
23	FIRST EAGLE FUNDS	133	MARSICO FUNDS	243	TOEWS FUNDS
24	COHEN & STEERS FUNDS	134	NUVEEN OFFSHORE FUNDS	244	FS INTERVAL FUNDS
25	GUGGENHEIM FUNDS	135	EIP FUNDS	245	13D ACTIVIST FUNDS
26	VICTORY FUNDS	136	SALIENT MF TRUST FUNDS	246	MUHLENKAMP FUND
27	EATON VANCE FUNDS	137	SWAN FUNDS	247	LEADERS FUNDS
28	MAINSTAY FUNDS	138	TCW FUNDS	248	CAMPBELL FUNDS
29	BARON FUNDS	139	FAM FUNDS	249	THE ARBITRAGE FUNDS
30	PUTNAM FUNDS	140	FORUM FUNDS	250	SARATOGA FUNDS
31	VIRTUS FUNDS	141	NORTH SQUARE FUNDS	251	AAMA FUNDS
32	THORNBURG FUNDS	142	CULLEN FUNDS	252	APPLESEED FUNDS
33	ADVISORS INNER CIRCLE FDS	143	PAYDEN & RYGEL FUNDS	253	PIA FUNDS
34	PARNASSUS FUNDS	144	DIREXION FUNDS	254	FPA FUNDS
35	DWS FUNDS	145	VARIANT INTERVAL FUND	255	DYNAMIC FUNDS
36	FEDERATED FUNDS	146	GLENMEDE FUNDS	256	WILMINGTON FUNDS
37	NORTHERN FUNDS	147	PARADIGM FUNDS	257	USA MUTUALS FUNDS
38	FMI FUNDS	148	RIVERPARK FUNDS	258	MOTLEY FOOL FUNDS
39	NAVIGATOR FUNDS	149	SHARESPOST INTERVAL FUNDS	259	STONE HARBOR FUNDS
40	TIAA CREF FUNDS	150	WILSHIRE FUNDS	260	QUAKER FUNDS
41	DELAWARE FUNDS	151	BRANDES FUNDS	261	OLSTEIN FUNDS
42	BNY MELLON FUNDS	152	CLIPPER FUNDS	262	FORESIDE FUNDS
43	MORGAN STANLEY FUNDS	153	ARIEL FUNDS	263	POPLAR FOREST FUNDS
44	HARDING LOEVNER FUNDS	154	DOMINI SOCIAL FUNDS	264	CHASE FUNDS
45	AMG FUNDS	155	HIGHLAND FUNDS	265	MAR VISTA FUNDS
46	CALVERT FUNDS	156	MIRAE FUNDS	266	ABSOLUTE CAPITAL FUNDS
47	CALAMOS FUNDS	157	ABBEEY CAPITAL FUNDS	267	BARINGS FUNDS
48	JANUS FUNDS	158	NEEDHAM FUNDS	268	LEGG MASON INTERVAL FUNDS
49	FUNDVANTAGE TRUST FUNDS	159	HVIA FUNDS	269	OCM GOLD FUNDS
50	PIONEER FUNDS	160	CRA FUNDS	270	JACOB FUNDS
51	DIAMOND HILL FUNDS	161	HOMESTEAD FUNDS	271	JOHCM FUNDS
52	PIMCO FUNDS	162	KENSINGTON FUNDS	272	PERRITT FUNDS
53	TRANSAMERICA FUNDS	163	BLACKSTONE FUNDS	273	BECKER FUNDS
54	MFS MERIDIAN OFFSHORE	164	MATTHEWS OFFSHORE FUNDS	274	PGIM OFFSHORE FUNDS
55	MATTHEWS FUNDS	165	DEARBORN FUNDS	275	INTREPID FUNDS
56	CARILLON FUNDS	166	SPROTT FUNDS	276	JOHNSON FUNDS
57	NEUBERGER BERMAN FUNDS	167	ARISTOTLE FUNDS	277	FIERA FUNDS
58	PFG FUNDS	168	INVESTMENT MANAGERS SERIESII	278	LYRICAL FUNDS
59	ALGER FUNDS	169	DRIEHAUS FUNDS	279	ARROW FUNDS
60	ALPS SERIES TRUST FUNDS	170	MILLER FUNDS	280	PSI FUNDS
61	LEGG MASON FUNDS	171	CONESTOGA FUNDS	281	PLUMB FUNDS
62	VOYA FUNDS	172	SIERRA FUNDS	282	LAZARD OFFSHORE FUNDS
63	WASATCH FUNDS	173	EASTERLY FUNDS	283	HORIZON ACTIVE ASSET FUNDS
64	LAZARD FUNDS	174	EMERALD FUNDS	284	DAVIS OFFSHORE FUNDS



65	IVY FUNDS	175	CHARTWELL FUNDS	285	1290 FUNDS
66	TOUCHSTONE FUNDS	176	WESTWOOD FUNDS	286	LAZARD OFFSHORE FUNDS
67	PACIFIC LIFE FUNDS	177	DAVENPORT FUNDS	287	ANFIELD FUNDS
68	AMERICAN BEACON FUNDS	178	SEMPER MBS FUNDS	288	EVERCORE FUNDS
69	ROYCE FUNDS	179	HEARTLAND FUNDS	289	TERRA FUNDS
70	AQR FUNDS	180	STIFEL FUNDS	290	EVERMORE FUNDS
71	FROST FUNDS	181	SEGALL BRYANT & HAMILL FDS	291	MONDRIAN FUNDS
72	HARBOR FUNDS	182	ORINDA FUNDS	292	MARKETFIELD FUNDS
73	PAX WORLD FUNDS	183	YORKTOWN FUNDS	293	EMPIRIC FUNDS
74	CREDIT SUISSE FUNDS	184	BMO FUNDS	294	COPELAND FUNDS
75	ALPHACENTRIC FUNDS	185	BTS FUNDS	295	COVE STREET FUNDS
76	EVENTIDE FUNDS	186	INVESCO OFFSHORE FUNDS	296	BROOKFIELD FUNDS
77	CATALYST FUNDS	187	JANUS OFFSHORE FUNDS	297	CENTRE FUNDS
78	FULLER & THALER FUNDS	188	THE WORLD FUNDS	298	PROVIDENT FUNDS
79	VAN ECK FUNDS	189	LONGBOARD FUNDS	299	THOMAS WHITE FUNDS
80	WILLIAM BLAIR FUNDS	190	ALTEGRIS MANAGED FUNDS	300	FRANK FUNDS
81	PMC FUNDS	191	AAM FUNDS	301	FIRSTHAND FUNDS
82	BRINKER CAPITAL FUNDS	192	SELECTED FUNDS	302	CANTOR FUNDS
83	LOOMIS SAYLES FUNDS	193	CUSHING FUNDS	303	NUANCE FUNDS
84	PERFORMANCE TRUST FUNDS	194	CONGRESS FUNDS	304	POLAR CAPITAL FUNDS
85	FRANKLIN TEMPLETON OFFSHORE	195	PFS FUNDS	305	CMG FUNDS
86	THRIVENT FUNDS	196	CENTERSTONE FUNDS	306	ASHMORE FUNDS
87	NINETY ONE OFFSHORE FUNDS	197	U.S. GLOBAL INVESTORS FDS	307	SHENKMAN FUNDS
88	PROFUNDS	198	HODGES FUNDS	308	GOOD HARBOR FUNDS
89	PERMANENT FUNDS	199	PORTFOLIO 21 FUNDS	309	KAYNE ANDERSON FUNDS
90	DAVIS FUNDS	200	PORT STREET FUNDS	310	FEDERATED HERMES OFFSHORE
91	HENNESSY FUNDS	201	PRINCIPAL GLOBAL OFFSHORE	311	NORTHEAST INVESTORS FUNDS
92	ABERDEEN FUNDS	202	OBERWEIS FUNDS	312	MONTEAGLE FUNDS
93	SCHRODER OFFSHORE FUNDS	203	SALIENT FUNDS	313	NORTH STAR FUNDS
94	GABELLI FUNDS	204	IMGP FUNDS	314	MUNDOVAL FUNDS
95	JENSEN PORTFOLIO	205	THIRD AVENUE FUNDS	315	FORESTER FUNDS
96	VALUE LINE FUNDS	206	CROMWELL FUNDS	316	MATRIX ADVISORS FUNDS
97	BAIRD FUNDS	207	REDWOOD FUNDS	317	TFA/TACTICAL FUNDS
98	AMANA FUNDS	208	MASSMUTUAL FUNDS	318	GREAT LAKES FUNDS
99	APOLLO INTERVAL FUNDS	209	SMEAD FUNDS	319	DAVIDSON FUNDS
100	ANGEL OAK FUNDS	210	BBH FUNDS	320	TANAKA GROWTH FUNDS
101	SYMMETRY FUNDS	211	MERGER/VIRTUS FUNDS	321	IDX FUNDS
102	AKRE FUNDS	212	CAVANAL HILL FUNDS	322	RIVERBRIDGE FUNDS
103	ROBECO OFFSHORE FUNDS	213	DESTRA FUNDS	323	SNOW FUNDS
104	STERLING CAPITAL FUNDS	214	ADVISORS INNER CIRCLE FDSIII	324	WAVELENGTH FUNDS
105	RBC FUNDS	215	TRIBUTARY FUNDS	325	MOERUS FUNDS
106	BUFFALO FUNDS	216	GUGGENHEIM OFFSHORE FUNDS	326	ADVISORONE FUNDS
107	GMO TRUST FUNDS	217	BROWN ADVISORY FUNDS	327	GRANT PARK FUNDS

108	NATIXIS FUNDS	218	ASTOR FUNDS	328	STONE RIDGE FUNDS
109	HOTCHKIS & WILEY FUNDS	219	EATON VANCE (CAY) OFFSHORE		
110	INVESTMENT MANAGERS SERIES	220	HOOD RIVER FUNDS		

Networking and Omnibus Processing Fees

Pershing receives operational reimbursements from mutual funds in the form of networking or omnibus processing fees. These reimbursements are based either on a flat fee per holding or a percentage of assets and are remitted to Pershing for its work on behalf of the funds. This work may include, but is not limited to, subaccounting services, dividend calculation and posting, accounting, reconciliation, client confirmation and statement preparation and mailing, and tax statement preparation and mailing. These fees represent a significant source of revenue for Pershing. The funds listed below are in highest to lowest order for their 2022 gross dollar payments to Pershing.

1	AMERICAN FUNDS	250	GUIDESTONE FUNDS	499	PROBABILITIES FUNDS
2	FIDELITY FUNDS	251	KATCH FUNDSETTLE	500	FLAT ROCK INTERVAL FUNDS
3	PIMCO FUNDS	252	TOEWS FUNDS	501	SCHARF FUNDS
4	FRANKLIN TEMPLETON FUNDS	253	NORTH SQUARE FUNDS	502	AXA IRELAND OFFSHORE FUNDS
5	BLACKROCK FUNDS	254	FMI FUNDS	503	EATON VANCE OFFSHORE FUNDS
6	INVESCO FUNDS	255	LYXOR FUNDSETTLE	504	MARKETFIELD FUNDS
7	MFS FUNDS	256	DOUBLELINE OFFSHORE	505	MAR VISTA FUNDS
8	JPMORGAN FUNDS	257	CLIPPER FUNDS	506	BLUEPRINT FUNDS
9	PARNASSUS FUNDS	258	SHARESPOST INTERVAL FUNDS	507	REYNOLDS FUNDS
10	PUTNAM FUNDS	259	NICHOLAS FUNDS	508	DOMINION FUNDSETTLE
11	TIAA CREF FUNDS	260	THRIVENT FUNDS	509	AMERICAN GROWTH FUNDS
12	LORD ABBETT FUNDS	261	SEILERN FUNDSETTLE	510	CROSSINGBRIDGE FUNDS
13	HARTFORD FUNDS	262	CG FUNDSETTLE	511	GREEN TREE FUNDSETTLE
14	COLUMBIA FUNDS	263	INFINITY FUNDS	512	HUBER CAPITAL FUNDS
15	AB FUNDS	264	PAYDEN & RYGEL FUNDS	513	MARSHFIELD FUNDS
16	T ROWE PRICE FUNDS	265	MERIDIAN FUNDS	514	LV FUNDSETTLE
17	BAIRD FUNDS	266	NN FUNDSETTLE	515	MOERUS FUNDS
18	DIMENSIONAL FUNDS	267	CHARTWELL FUNDS	516	HOOD RIVER FUNDS
19	NUVEEN FUNDS	268	SMEAD OFFSHORE FUNDS	517	WELLINGTON FUNDSETTLE
20	PRUDENTIAL FUNDS	269	KINETICS FUNDS	518	EVERMORE FUNDS
21	JOHCM FUNDS	270	BRAMSHILL FUNDS	519	MATTHEW 25 FUND
22	RUSSELL FUNDS	271	VALUE LINE FUNDS	520	PERMAL OFFSHORE FUNDS
23	VIRTUS FUNDS	272	THIRD AVENUE FUNDS	521	IMGP OFFSHORE FUNDS
24	MORGAN STANLEY FUNDS	273	UBS FUNDS	522	GL FUNDS
25	LORD ABBETT OFFSHORE FUNDS	274	JANUS FUNDSETTLE	523	FRANK FUNDS
26	BNY MELLON FUNDS	275	CUSHING FUNDS	524	T ROWE PRICE OFFSHORE
27	FEDERATED FUNDS	276	LARRAIN VIAL FUNDSETTLE	525	BLU FUNDSETTLE
28	JANUS FUNDS	277	FIRST TRUST FDS	526	1WS INTERVAL FUNDS
29	JOHN HANCOCK FUNDS	278	DIREXION FUNDS	527	GALLOWAY FUNDSETTLE
30	ALLIANZ OFFSHORE FUNDS	279	MILLER CONVERTIBLE FUNDS	528	FIRSTHAND FUNDS



31	GOLDMAN SACHS FUNDS	280	MILLER FUNDS	529	ABSOLUTE CAPITAL FUNDS
32	PRINCIPAL FUNDS	281	ALL METRICS FUNDSETTLE	530	JAG FUNDS
33	BLUEROCK INTERVAL FUNDS	282	ARISTOTLE FUNDS	531	PINNACLE FUNDS
34	DOUBLELINE FUNDS	283	LAZARD FUNDSETTLE	532	NEWFOUND FUNDS
35	MAINSTAY FUNDS	284	MAN FUNDSETTLE	533	USA MUTUALS FUNDS
36	EATON VANCE FUNDS	285	POPULAR OFFSHORE FUNDS	534	AZZAD FUNDS
37	NATIXIS FUNDS	286	SELECTED FUNDS	535	PALM VALLEY FUNDS
38	FIRST EAGLE FUNDS	287	PICTET FUNDSETTLE	536	MONETTA FUNDS
39	BROWN CAPITAL FUNDS	288	DEARBORN FUNDS	537	BEECH HILL FUNDS
40	CALAMOS FUNDS	289	DYNAMIC FUNDS	538	NEUBERGER BERMAN FS
41	PRIMECAP ODYSSEY FUNDS	290	TOMORROW'S SCHOLAR 529 FDS	539	HODGES FUNDS
42	TOUCHSTONE FUNDS	291	BTS FUNDS	540	CENTAUR FUNDS
43	DELAWARE FUNDS	292	KENSINGTON FUNDS	541	DNCA OFFSHORE FUNDS
44	CLIFFWATER INTERVAL FUNDS	293	MMA PRAXIS FUNDS	542	SKY HARBOR FUNDSETTLE
45	VOYA FUNDS	294	BOSTON TRUST & WALDEN FDS	543	Q3 FUNDS
46	GUGGENHEIM FUNDS	295	529 JOHN HANCOCK FUNDS	544	CGS FUNDSETTLE
47	VICTORY FUNDS	296	PARADIGM FUNDS	545	ZCH AM SICAV FUNDSETTLE
48	MORNINGSTAR FUNDS	297	NINETY ONE FUNDSETTLE	546	PRIMA CAPITAL FUNDSETTLE
49	ADVISORS INNER CIRCLE FDS	298	NUVEEN OFFSHORE FUNDS	547	AL FRANK FUNDS
50	THORNBURG FUNDS	299	WEITZ FUNDS	548	NEDGROUP FUNDSETTLE
51	NEW CAPITAL OFFSHORE FUNDS	300	APWIA FUNDSETTLE	549	PACIFICO FUNDSETTLE
52	POLEN OFFSHORE FUNDS	301	GLOBALFOLIO FUNDSETTLE	550	VITRUVIUS FUNDSETTLE
53	FPA FUNDS	302	GRANT PARK FUNDS	551	INVENOMIC FUNDS
54	ROBECO OFFSHORE FUNDS	303	MIRAE FUNDS	552	WAVELENGTH FUNDS
55	NEUBERGER BERMAN FUNDS	304	RECURRENT FUNDS	553	O'SHAUGHNESSY FUNDS
56	ARTISAN FUNDS	305	SPYGLASS FUNDS	554	13D ACTIVIST FUNDS
57	VAN ECK FUNDS	306	MEEDER FUNDS	555	LONGBOARD FUNDS
58	COHEN & STEERS FUNDS	307	CNI/ROCHDALE FUNDS	556	SUMMIT GLOBAL FUNDS
59	APOLLO INTERVAL FUNDS	308	EAGLE CAPITAL FUNDSETTLE	557	CONDUCTOR GLOBAL FUNDS
60	METROPOLITAN FUNDS	309	INVESTMENT MANAGERS SERIESII	558	DWS OFFSHORE FUNDS
61	AMERICAN CENTURY FUNDS	310	ALTAIR ADVISOR FUNDS	559	NOMURA FUNDSETTLE
62	DWS FUNDS	311	LADENBURG FUNDS	560	PUTNAM OFFSHORE FUNDS
63	CALVERT FUNDS	312	STIFEL FUNDS	561	JAMES FUNDS
64	ALLSPRING FUNDS	313	PERMANENT FUNDS	562	VAUGHAN NELSON FUNDS
65	WCM FUNDS	314	CAPITAL INTL OFFSHORE	563	SOUNDWATCH FUNDS
66	MORGAN STANLEY OFFSHORE	315	VIRTUS OFFSHORE FUNDS	564	ADVISORONE FUNDS
67	MFS MERIDIAN OFFSHORE	316	TCW OFFSHORE FUNDS	565	FEDERATED OFFSHORE FUNDS
68	SIERRA FUNDS	317	CI SOUTHERN LN FUNDSETTLE	566	A4INVESTMENTS FUNDSETTLE
69	HORIZON ACTIVE ASSET FUNDS	318	BLUEBOX FUNDSETTLE	567	VILLERE FUNDS
70	PIONEER FUNDS	319	MONEDA (LUX) FUNDSETTLE	568	KKM FUNDS
71	TRANSAMERICA FUNDS	320	TRIBUTARY FUNDS	569	THE TORRAY FUNDS
72	BARON FUNDS	321	ALGER OFFSHORE FUNDS	570	LAZARD OFFSHORE FUNDS
73	JP MORGAN OFFSHORE FUNDS	322	FORESIDE FUNDS	571	SOUND MIND INVESTING FUNDS



74	LEGG MASON FUNDS	323	INVESCO OFFSHORE FUNDS	572	SEI OFFSHORE FUNDS
75	PIMCO OFFSHORE FUNDS	324	FIDELITY OFFSHORE FUNDS	573	THOMAS WHITE FUNDS
76	DIAMOND HILL FUNDS	325	JACKSON SQUARE FUNDS	574	WAYCROSS FUNDS
77	VONTOBEL OFFSHORE FUNDS	326	PGIM OFFSHORE FUNDS	575	FULCRUM FUNDS
78	ALGER FUNDS	327	GREEN CENTURY FUNDS	576	DUPREE FUNDS
79	BLACKROCK OFFSHORE FUNDS	328	ANCHOR FUNDS	577	SANLAM OFFSHORE FUNDS
80	CARILLON FUNDS	329	BUFFALO FUNDS	578	ADVISORS INNER CIRCLE FDSIII
81	TCW FUNDS	330	PEAR TREE FUNDS	579	PENN CAPITAL FUNDS
82	AQR FUNDS	331	PRESTIGE FUNDSETTLE	580	SSGA FUNDS
83	DAVIS FUNDS	332	RATIONAL FUNDS	581	CNR INTERVAL FUND
84	SA FUNDS	333	BRANDES FUNDS	582	FEDERATED HERMES OFFSHORE
85	NATIONWIDE FUNDS	334	BROWN ADVISORY FUNDSETTLE	583	NATIXIS GLOBAL FUNDSETTLE
86	PACIFIC LIFE FUNDS	335	ASTOR FUNDS	584	ASHMORE OFFSHORE FUNDS
87	JANUS OFFSHORE FUNDS	336	GEMCAP INVESTMENT OFFSHORE	585	PLATINUM FUNDSETTLE
88	AMG FUNDS	337	HOLBROOK FUNDS	586	ANGEL OAK INTERVAL FUNDS
89	AB OFFSHORE FUNDS	338	EMERALD FUNDS	587	SEMPER MBS FUNDS
90	WILLIAM BLAIR FUNDS	339	TOCQUEVILLE FUNDS	588	ARTISAN OFFSHORE FUNDS
91	HCM TACTICAL FUNDS	340	ASHMORE FUNDS	589	MUHLENKAMP FUND
92	NORTHERN FUNDS	341	ARCANO FUNDSETTLE	590	U.S. GLOBAL INVESTORS FDS
93	FRANKLIN TEMPLETON OFFSHORE	342	ALLIANZ FUNDSETTLE	591	WEISS FUNDS
94	DAVENPORT FUNDS	343	AAM FUNDS	592	GREENSPRING FUNDS
95	DIRECT MARKET FUNDSETTLE	344	FUNDAMENTA FUNDSETTLE	593	MONTLAKE FUNDSETTLE
96	GABELLI FUNDS	345	MIROVA OFFSHORE FUNDS	594	DANA FUNDS
97	NAVIGATOR FUNDS	346	LORD ABBETT FUNDSETTLE	595	HARDING LOEVNER OFFSHORE
98	NEUBERGER BERMAN OFFSHORE	347	APPLESEED FUNDS	596	CENTERSTONE FUNDS
99	BARINGS OFFSHORE FUNDS	348	STEWART FUNDS	597	WALTHAUSEN FUNDS
100	IVY FUNDS	349	MUZINICH FUNDSETTLE	598	MIDAS FUNDS
101	ALPS SERIES TRUST FUNDS	350	GLOBAL MANAGER FUNDSETTLE	599	BLUEBAY FUNDSETTLE
102	NINETY ONE OFFSHORE FUNDS	351	COHO FUNDS	600	PERSIMMON FUNDS
103	MATTHEWS FUNDS	352	LYRICAL FUNDS	601	KNOSSOS FUNDSETTLE
104	WILSHIRE FUNDS	353	LEGG MASON INTERVAL FUNDS	602	361 CAPITAL FUNDS
105	LAZARD FUNDS	354	COBAS FUNDSETTLE	603	AZ OFFSHORE FUNDS
106	H2O FUNDSETTLE	355	LEUTHOLD FUNDS	604	IMAN FUND
107	XP GLOBAL FUNDSETTLE	356	SHIELD CAPITAL FS	605	TAM FUNDSETTLE
108	KY FUNDSETTLE	357	PREDEX INTERVAL FUNDS	606	MANULIFE OFFSHORE FUNDS
109	AMERICAN BEACON FUNDS	358	MARSHALL FUNDSETTLE	607	PLUMB FUNDS
110	SCHRODER FUNDSETTLE	359	SWMC EUROPEAN FUNDSETTLE	608	GOOD HARBOR FUNDS
111	ACAP INTERVAL FUNDS	360	CRA FUNDS	609	MONDRIAN FUNDS
112	AKRE FUNDS	361	WESTWOOD FUNDS	610	EDR FUNDSETTLE
113	SCHRODER OFFSHORE FUNDS	362	UNIMAR FUNDSETTLE	611	ABERDEEN FUNDSETTLE
114	HARDING LOEVNER FUNDS	363	ANFIELD FUNDS	612	ANGEL OAK OFFSHORE FUNDS
115	OSTERWEIS FUNDS	364	DEAN FUNDS	613	EL DORADO FUNDSETTLE
116	ROYCE FUNDS	365	HEARTLAND FUNDS	614	FUND*X FUNDS



117	STERLING CAPITAL FUNDS	366	ARIEL FUNDS	615	EDR OFFSHORE
118	OAKMARK FUNDS	367	DESTRA FUNDS	616	OCM GOLD FUNDS
119	LEGG MASON / WESTERN ASSET O	368	CIMA LANIN FUNDSETTLE	617	TIMBER POINT FUNDS
120	HARBOR FUNDS	369	THE WORLD FUNDS	618	DAY HAGAN FUNDS
121	INVESCO ZODIAC FUNDSETTLE	370	FIDELITY FUNDSETTLE	619	NORTH STAR FUNDS
122	OAKTREE FUNDSETTLE	371	JANUS LUX FUNDSETTLE	620	LESTE FUNDSETTLE
123	GMO TRUST FUNDS	372	CROMWELL FUNDS	621	BMO FUNDS
124	EVENTIDE FUNDS	373	LEADERS FUNDS	622	BECKER FUNDS
125	CREDIT SUISSE FUNDS	374	GABELLI FUNDSETTLE	623	RANGER FUNDS
126	JUPITER OFFSHORE FUNDS	375	SYMMETRY FUNDS	624	MILLTRUST FUNDSETTLE
127	VONTOBEL FUNDSETTLE	376	OLSTEIN FUNDS	625	USQ INTERVAL FUNDS
128	MONEDA FUNDSETTLE	377	QUADRIGA FUNDSETTLE	626	M&G LUX FUNDSETTLE
129	SEI FUNDS	378	EDM FUNDSETTLE	627	REGAN CAPITAL FUNDS
130	LOOMIS SAYLES FUNDS	379	OAK FUNDS	628	TERRA FUNDS
131	NORDEA FUNDSETTLE	380	BRANDES OFFSHORE FUNDS	629	GOODHAVEN FUNDS
132	MANNING & NAPIER FUNDS	381	CBOE VEST FUNDS	630	COPLEY FUND
133	AXA LUX OFFSHORE FUNDS	382	ARROW FUNDS	631	PENSION PARTNERS FUNDS
134	NN OFFSHORE FUNDS	383	MUZINICH FUNDS	632	NUVEEN FUNDSETTLE
135	JENSEN PORTFOLIO	384	SARATOGA FUNDS	633	PSI FUNDS
136	BROWN ADVISORY FUNDS	385	CENTURIA JAGUAR FUNDSETTLE	634	FOUNDRY PARTNERS FUNDS
137	WASATCH FUNDS	386	PIA FUNDS	635	HSBC GIF OFFSHORE FUNDS
138	FUNDVANTAGE TRUST FUNDS	387	DOMINI SOCIAL FUNDS	636	SPARROW FUNDS
139	IPG FUNDSETTLE	388	BLACKSTONE INTERVAL FUNDS	637	MONTEAGLE FUNDS
140	STONE RIDGE INTERVAL FUNDS	389	ROBECO FUNDSETTLE	638	BOYD FUNDS
141	CATALYST FUNDS	390	GLG FUNDSETTLE (CAY-LUX)	639	JOHCM FUNDSETTLE
142	NEW CAPITAL FUNDSETTLE	391	THE COVERED BRIDGE FUNDS	640	AMF FUNDS
143	AMUNDI OFFSHORE FUNDS	392	EATON VANCE (CAY) OFFSHORE	641	FRANK OFFSHORE FUNDS
144	GAM FUNDSETTLE	393	QUAKER FUNDS	642	OTTER CREEK FUNDS
145	HIGHLAND FUNDS	394	JACOB FUNDS	643	CREDIT SUISSE FUNDSETTLE
146	FULLER & THALER FUNDS	395	SHIELD CAPITAL FUNDSETTLE	644	CMG FUNDS
147	THE ARBITRAGE FUNDS	396	GAM LUX FUNDSETTLE	645	CNR INTERVAL FUNDS
148	DUNHAM FUNDS	397	SIT FUNDS	646	CUTLER FUNDS
149	MUZINICH OFFSHORE FUNDS	398	BERKSHIRE FUNDS	647	RIVERBRIDGE FUNDS
150	TWEEDY BROWNE FUNDS	399	NEEDHAM FUNDS	648	WELLS FARGO FUNDSETTLE
151	ABERDEEN FUNDS	400	ATLAS OFFSHORE FUNDS	649	CANTOR FUNDS
152	BLACKSTONE FUNDS	401	PROVIDENT FUNDS	650	AB FUNDSETTLE
153	PMC FUNDS	402	BNY MELLON OFFSHORE FUNDS	651	TORTOISE INTERVAL FUND
154	MADISON FUNDS	403	STRUKTURA FUNDSETTLE	652	TFA/TACTICAL FUNDS
155	FORUM FUNDS	404	WILDERMUTH INTERVAL FUNDS	653	COLCHESTER OFFSHORE FUNDS
156	BCI FUNDSETTLE	405	CENTRE FUNDS	654	KKR INTERVAL FUNDS
157	NUANCE FUNDS	406	MAINGATE MLP FUNDS	655	UBS FUNDSETTLE
158	MFS MERIDIAN FUNDSETTLE	407	SOUNDSHORE FUNDS	656	WST FUNDS
159	OBERWEIS FUNDS	408	POLEN FUNDSETTLE	657	MAIN BUYWRITE FUND

160	PAX WORLD FUNDS	409	OCLANER FUNDSETTLE	658	ISSACHAR FUNDS
161	INCOMETRIC FUNDSETTLE	410	AEGIS FUNDS	659	COMMONWEALTH FUNDS
162	MAIRS & POWERS FUNDS	411	JUPITER FUNDSETTLE	660	PROSPECTOR FUNDS
163	NORTHERN LIGHTS TRUST	412	BROWN ADVISORY OFFSHORE	661	LS FUNDS
164	AMANA FUNDS	413	FIRST TRUST FUNDS	662	CHESAPEAKE FUNDS
165	TIMOTHY PLAN FUNDS	414	ALTEGRIS MANAGED FUNDS	663	IMS FUNDS
166	SCHRODER LUX FUNDSETTLE	415	ALGEBRIS FUNDSETTLE	664	JOHNSON FUNDS
167	PORTFOLIO 21 FUNDS	416	LW FUNDSETTLE	665	REINHART FUNDS
168	SALIENT FUNDS	417	ELFUN FUNDS	666	COPERNICO FUNDSETTLE
169	SEGALL BRYANT & HAMILL FDS	418	SPROTT FUNDS	667	AAMA FUNDS
170	M&G OFFSHORE FUNDS	419	PINEBRIDGE OFFSHORE FUNDS	668	MATRIX ADVISORS FUNDS
171	DRIEHAUS FUNDS	420	CIM INTERVAL FUNDS	669	A3 ALTERNATIVE INTERVAL FD
172	SMEAD FUNDS	421	INVESCO AIM MONEY MKT FDS	670	POLAR CAPITAL FUNDS
173	SCHWAB FUNDS	422	YCG FUNDS	671	ADIRONDACK FUNDS
174	ADVISORS PREFERRED TRUST	423	HSBC INVESTOR FUNDS	672	TACTICAL FUNDS
175	GLENMEDE FUNDS	424	GUINNESS ATKINSON FUNDS	673	FRONTIER FUNDS
176	ANTARCTICA FUNDSETTLE	425	HABOR ITHAKA FUNDSETTLE	674	BBVA AM FUNDSETTLE
177	SHELTON FUNDS	426	ZEO FUNDS	675	AMUNDI II OFFSHORE FUNDS
178	MASSMUTUAL FUNDS	427	CONESTOGA FUNDS	676	VAN ECK OFFSHORE FUNDS
179	GAM OFFSHORE FUNDS	428	ABBEY CAPITAL FUNDS	677	DELTA QUANTUM FUNDSETTLE
180	BRIDGEWAY FUNDS	429	DAMON FUNDSETTLE	678	SUPERFUND FUNDSETTLE
181	FK CAPITAL FUNDSETTLE	430	REDWOOD FUNDS	679	VALUE PARTNERS FUNDSETTLE
182	CULLEN FUNDS	431	PINEBRIDGE FUNDSETTLE	680	BOYAR FUND
183	FREE MARKET FUNDS	432	MARSICO FUNDS	681	MILLER FUNDSETTLE
184	CION INTERVAL FUNDS	433	LONGLEAF PARTNERS FUNDS	682	DAVIS OFFSHORE FUNDS
185	LUX LIFE FUNDSETTLE	434	NEW CAPITAL LUX FUNDSETTLE	683	CHASE FUNDS
186	LARRAIN FUNDSETTLE	435	ATHENA FUNDS	684	COVE STREET FUNDS
187	PRINCIPAL GLOBAL OFFSHORE	436	LKCM FUNDS	685	MERCATOR FUNDS
188	FS INTERVAL FUNDS	437	AVIVA OFFSHORE FUNDS	686	NOMURA OFFSHORE FUNDS
189	MAN OFFSHORE FUNDS	438	RMB FUNDS	687	AIS GLOBAL FUNDSETTLE
190	CARLYLE INTERVAL FUNDS	439	ALBATROS FUNDSETTLE	688	GREAT LAKES FUNDS
191	RESOURCE INTERVAL FUNDS	440	GQG PARTNERS OFFSHORE	689	ALQUITY FUNDSETTLE
192	PICTET OFFSHORE FUNDS	441	ARBOR COURT CAPITAL FUNDS	690	VIRTUS FUNDSETTLE
193	PERFORMANCE TRUST FUNDS	442	INTREPID FUNDS	691	PFG FUNDS
194	YORKTOWN FUNDS	443	SHENKMAN FUNDS	692	EIP FUNDS
195	CAVANAL HILL FUNDS	444	VERT FUNDS	693	THIRDLINE INTERVAL FUND
196	BRINKER CAPITAL FUNDS	445	FIRST REPUBLIC FUNDS	694	PERRITT FUNDS
197	VERSUS INTERVAL FUNDS	446	SANFORD BERNSTEIN FUNDS	695	ARCHER FUNDS
198	ANGEL OAK FUNDS	447	CREDICORP FUNDSETTLE	696	CANTOR FBP FUNDS
199	ALTERNA FUNDSETTLE	448	GQG PARTNERS FUNDSETTLE	697	NATIXIS AM OFFSHORE FUNDS
200	CULLEN OFFSHORE FUNDS	449	BLACKROCK BATS FUNDS	698	GREENWICH FUNDS
201	WELLINGTON OFFSHORE FUNDS	450	RIVERPARK FUNDS	699	THE TEBERG FUNDS
202	COHEN & STEERS OFFSHORE	451	FEDERATED HERMES FS	700	IP FUNDSETTLE

203	INVESTMENT MANAGERS SERIES	452	AMERICAFIRST FUNDS	701	EMPIRIC FUNDS
204	EASTERLY FUNDS	453	LAZARD OFFSHORE FUNDS	702	CRAWFORD FUNDS
205	AQUILA FUNDS	454	LA FRANCAISE FUNDSETTLE	703	EQUABLE FUNDS
206	LOCORR FUNDS	455	MONEDA (SIF) FUNDSETTLE	704	PORT STREET FUNDS
207	BBH FUNDS	456	ACM FUNDS	705	MARATHON VALUE FUND
208	HOTCHKIS & WILEY FUNDS	457	ZEVENBERGEN FUNDS	706	DAVIDSON FUNDS
209	TORTOISE FUNDS	458	VARIANT INTERVAL FUND	707	HEITMAN FUNDS
210	THORNBURG OFFSHORE FUNDS	459	GREEN OWL FUND	708	FM FUNDS
211	CREDICORP OFFSHORE FUNDS	460	BOW RIVER INTERVAL FUNDS	709	ENTREPRENEUR FUNDS
212	PFS FUNDS	461	BB FUNDSETTLE	710	BISHOP STREET FUNDS
213	AMUNDI FUNDSETTLE	462	BLUE CURRENT FUNDS	711	BIONDO FUNDS
214	HUSSMAN FUNDS	463	PRIMARK INTERVAL FUNDS	712	NORTH COUNTRY FUNDS
215	CAUSEWAY FUNDS	464	FULCRUM FUNDSETTLE	713	EVERCORE FUNDS
216	GUGGENHEIM OFFSHORE FUNDS	465	CRM FUNDS	714	LARRAIN OFFSHORE FUNDS
217	HEPTAGON OFFSHORE FUNDS	466	POLAR CAPITAL FUNDSETTLE	715	BUTTERFIELD FUNDSETTLE
218	ABERDEEN OFFSHORE FUNDS	467	CONGRESS FUNDS	716	CALDWELL & ORKIN FUNDS
219	PROFUNDS	468	LF PARTNERS FUNDSETTLE	717	PRIVATE MARKET FUNDSETTLE
220	EASTSPRING OFFSHORE FUNDS	469	LEGG MASON FUNDSETTLE	718	STONE HARBOR FUNDS
221	COUNTERPOINT FUNDS	470	SALIENT MF TRUST FUNDS	719	AUER GROWTH FUND
222	STONE RIDGE FUNDS	471	FAM FUNDS	720	SOLITAIRE FUNDSETTLE
223	AVE MARIA FUNDS	472	1290 FUNDS	721	BRANDES FUNDSETTLE
224	NATIXIS GLOBAL OFFSHORE	473	POPLAR FOREST FUNDS	722	FM INVESTMENTS FUNDS
225	IMGP FUNDS	474	ORINDA FUNDS	723	FORESTER FUNDS
226	MERGER/VIRTUS FUNDS	475	PHAEACIAN FUNDS	724	DWS FUNDSETTLE
227	THOMPSON IM FUNDS	476	CHATRIER FUNDSETTLE	725	BNY MELLON FUNDSETTLE
228	AXONIC FUNDS	477	STANDPOINT FUNDS	726	KEMPNER FUNDS
229	BTG PACTUAL FUNDSETTLE	478	RIVER CANYON FUNDS	727	SIG FUNDSETTLE
230	HENNESSY FUNDS	479	VULCAN FUNDS	728	BNP PARIBAS FUNDSETTLE
231	DONOGHUE FUNDS	480	NC SHAREHOLDER SERVICES	729	CONVERGENCE FUNDS
232	DYLAN FUNDSETTLE	481	CAMPBELL FUNDS	730	ABRAHAM FUNDS
233	JUPITER IE OFFSHORE FUNDS	482	THREADNEEDLE FUNDSETTLE	731	BBH OFFSHORE FUNDS
234	SIG OFFSHORE FUNDS	483	BOSTON COMMON FUNDS	732	COOK & BYNUM FUNDS
235	INTEGRITY FUNDS	484	FIERA FUNDS	733	SMEAD FUNDSETTLE
236	GOLDEN HIND FUNDSETTLE	485	OAKVIEW FUNDSETTLE	734	CM FUNDS
237	INVESCO AIM MM OFFSHORE	486	EUROPAC FUNDS	735	FORT PITT FUNDS
238	GOLETA FUNDSETTLE	487	PALMER INTERVAL FUND	736	TCM GROWTH FUNDS
239	MATTHEWS OFFSHORE FUNDS	488	COPELAND FUNDS	737	ROCKEFELLER FUNDS
240	CARMIGNAC OFFSHORE	489	GOEHRING & ROZENCWAJG FDS	738	HSBC GIF FUNDSETTLE
241	SWAN FUNDS	490	CLARION FUNDSETTLE	739	BELMONT FUNDS
242	BROOKFIELD FUNDS	491	GLG FUNDSETTLE (IRELAND)	740	E-VALUATOR FUNDS
243	BAILLIE GIFFORD FUNDS	492	RBC FUNDS	741	FRIESS FUNDS
244	BOSTON PARTNERS FUNDS	493	BLACKSTONE OFFSHORE FUNDS	742	MANOR FUNDS
245	FROST FUNDS	494	GAM LUX OFFSHORE FUNDS	743	CAPITAL ADVISORS FUNDS

246	ALPHACENTRIC FUNDS	495	LOOMIS GLOBAL OFFSHORE	744	HVIA FUNDS
247	HOMESTEAD FUNDS	496	AYRES FUNDSETTLE	745	ITAU OFFSHORE FUNDS
248	PIMCO FUNDSETTLE	497	PZENA FUNDS	746	BROADSTONE INTERVAL FUNDS
249	CARMIGNAC FUNDSETTLE	498	GREENSPRING FUND		

Important Information Regarding Money Market Mutual Funds (“Money Funds”)

Effective October 14, 2016, the SEC requires all non-government Money Funds, funds that operate at a constant net asset value (NAV) of \$1.00 per share, adopt a “liquidity fees and redemption gates” regime. The regulation permits the board of directors of these non-government Money Funds to implement fees or gates if they determine it is in the best interest of shareholders to do so with the intent of protecting shareholders’ value in the fund in the event of heavy redemption activity during periods of market stress.

A liquidity fee is a fee (up to a maximum of 2%) on redemptions and a gate is a restriction on any redemption from a Money Fund (up to a maximum of 10 business days). In the event a fee or gate is implemented by a Money Fund’s board, Pershing will be required to take steps to implement protocols to comply. The boards of the Money Funds on the Pershing sweep platform have not expressed any intention to impose a fee upon the sale of shares or temporarily suspend redemptions but, if the liquidity of a Money Fund falls below certain levels, boards do reserve the ability to do so, in which case they would provide notice to shareholders.

If a fee was implemented pursuant to the regulation, it would result in a fee being charged for any redemption processed from that Money Fund. If a gate was implemented, it would mean the balance held in that Money Fund would not be available to redeem until the expiration of the redemption gate period. It is important to note that both fees and gates may apply to Money Funds supported on the Pershing sweep platform during periods of market stress. In addition, while the regulation does not mandate these requirements for government Money Funds, government Money Funds may voluntarily impose fees and gates in times of stress, if permissible under the fund’s prospectus and if determined by the board to be in the best interest of shareholders. Some issuers have elected to restrict the use of liquidity fees and redemption gates in their government Money Funds and have updated fund prospectuses accordingly.

Balances in a Money Fund are considered securities and included in Securities Investor Protection Corporation (SIPC) coverage, up to applicable limits. You could lose money by investing in a Money Fund. Although a Money Fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in a Money Fund is not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC) or any other government agency. The sponsor of a Money Fund has no legal obligation to provide financial support to the Money Fund, and you should not expect that the sponsor will provide financial support to a Money Fund at any time. Carefully review the prospectus of a specific Money Fund prior to any purchase for additional information.

Money Fund and Bank Deposit Sweep Product Fees and Revenue Sharing

Money Fund and bank deposit sweep product processing fees and revenue sharing arrangements are a source of revenue for Pershing and, where applicable, a source of revenue for your firm. If you desire to maintain a large cash position in your account custodied by Pershing for other than a short period of time, you should contact your firm to discuss your options.

For the Money Funds supported on its sweep platform available to all clients, Pershing receives remuneration paid out of the total operating expenses of the fund, some of which include SEC Rule 12b-1 fees. Pershing receives remuneration from the providers listed below for making available money funds and bank deposit sweep products.

If your firm selects a sweep product available to all clients that pays Pershing remuneration, in most cases a portion of the fees Pershing receives from Money Fund and bank deposit sweep product providers will be shared with your firm. In addition, Pershing receives fees for providing access to its platform from Money Fund and bank deposit sweep product providers. These fees are typically paid according to an asset-based formula. In certain circumstances, Pershing shares these fees with your firm. Pershing relies on third party service providers to support bank deposit sweep products and Pershing and the service providers receive fees to support those products. The combined fee of Pershing, the third-party service providers, and your firm (if applicable) may not exceed 4%, or 400 basis points, on the average daily balances held in the bank deposit sweep products available to all clients. Some firms have unique sweep products, where Pershing does not receive fees from the sweep product provider. When Pershing receives fees, a portion is applied against its costs associated with providing services, including maintaining cash sweep systems, sub-accounting, dividend and interest calculations, posting, reconciliation, client statement preparation and distribution, tax statement preparation and distribution, marketing and distribution related support and other services.

Remuneration from the providers of sweep products on the Pershing sweep platform available to all clients is listed below in order of 2022 gross dollar payments to Pershing from highest to lowest.

- | | | |
|-----------------------------|-------------------------------|------------------------------------|
| 1. Federated Hermes, Inc. | 5. Insured Deposit Program | 9. Legg Mason, Inc. |
| 2. Dreyfus Insured Deposits | 6. Invesco Money Funds | 10. Goldman Sachs Asset Management |
| 3. Dreyfus Money Funds | 7. BlackRock Funds | 11. DWS Funds |
| 4. Liquid Insured Deposits | 8. InterLINK Insured Deposits | |

Remuneration to Pershing for the sweep products supported exclusively for specific clients is listed below in order of 2022 gross dollar payments to Pershing from highest to lowest.

- | | | |
|--|--|--|
| 1. Cambridge Insured Bank Deposit Program | 9. TIAA Bank Sweep Account | 17. Key Bank Insured Deposit Account |
| 2. First Republic Bank Insured Deposits | 10. HSBC Funds | 18. American Century Funds |
| 3. FlexInsured Deposits | 11. TD Wealth Bank Deposit Sweep Program | 19. T. Rowe Price Funds |
| 4. AG Insured Deposit Program | 12. Ladenburg Bank Deposit Sweep Program | 20. Bank of the West Insured Deposit Account |
| 5. Northwestern Mutual Insured Deposit Program | 13. Voya Insured Bank Deposit Account | 21. Deutsche Bank Insured Deposit Program |
| 6. Citibank Bank Deposit Program | 14. Alight Fund | 22. DWS Funds |
| 7. APFS Insured Bank Deposits | 15. Cavanal Hill Fund | 23. First Citizens Bank Insured Deposits |
| 8. Insured Deposit Program | 16. NY Branch of Credit Suisse AG | 24. Security Yield Insured Deposit |

FEES RECEIVED BY AFFILIATES

The Dreyfus Money Funds supported as sweep options by Pershing, which may be offered to you by your firm, are managed by Dreyfus Cash Investment Strategies, a division of BNY Mellon Investment Adviser, Inc. (BNYMIA) and distributed through Dreyfus Cash Solutions, a division of BNY Mellon Securities Corporation (BNYMSC). BNYMSC and BNYMIA are affiliates of Pershing and BNYMSC receives compensation for delivering services to the Dreyfus Money Funds. The Dreyfus Insured Deposits products are bank deposit sweep products that automatically deposit swept funds into FDIC member participating banks (Program Banks), where swept balances receive pass through FDIC insurance coverage through those Program Banks. The Dreyfus Insured Deposits products, FDIC eligible bank deposit sweep products supported by Pershing which may be offered to you by your firm, operate through a private labelling arrangement with Dreyfus Cash Solutions. Pershing has appointed Dreyfus Cash Solutions to provide certain services with respect to the operation of the Dreyfus Insured Deposits products. The Bank of New York Mellon is a state-chartered bank and BNY Mellon, National Association (BNY Mellon, N.A.) is a national banking association, both of which may act as Program Banks by participating in the bank deposit sweep products that Pershing supports on its sweep platform. BNYMSC is a registered investment adviser and broker-dealer, and a subsidiary of BNYMIA. Pershing, Pershing Advisor Solutions,

BNYMSC, BNYMIA, The Bank of New York Mellon and BNY Mellon, N.A. are BNY Mellon companies. BNY Mellon is the corporate brand for The Bank of New York Mellon Corporation. Pershing, Pershing Advisor Solutions and BNYMSC earn fees (which may or may not be account- based) based on the amount of money in the Dreyfus Money Funds and Dreyfus Insured Deposits bank deposit sweep products. Depending on the specific terms of the products offered, Pershing and Pershing Advisor Solutions may earn a higher fee on balances in any of the FDIC eligible bank deposit sweep products supported on the platform than in other sweep products, such as Money Funds. Based on the agreement between Pershing and your firm, Pershing, in its sole discretion, will share a portion of the fees it earns from the support of these Money Fund and bank deposit sweep products with your firm, in which case your firm would earn fees on balances in these products, which may be higher than fees earned on other money market products. Your firm, Pershing, Pershing Advisor Solutions and BNYMSC may be affiliated with one or more Program Banks. The Bank of New York Mellon and BNY Mellon, N.A., in their role as participating banks, will realize an economic benefit from any bank deposit sweep product balances allocated to them. The Program Banks, including the Bank of New York Mellon and BNY Mellon, N.A., do not have a duty to offer the highest rates available or rates that are comparable to Money Funds or those offered by other depository institutions. If you desire to maintain a large cash portion in your account custodied by Pershing for other than a short period of time, you should contact your firm or investment adviser to discuss your options.

June 2023