

**Joint Governance and Nominating Committee Charter
of
the BlackRock Funds
in the Equity-Bond Complex**

A. Background

Each of the investment companies managed by BlackRock Advisors, LLC (together with its affiliates, “BlackRock”) in the Equity-Bond Complex is referred to as the “Fund”; the Board of Directors of the Fund is referred to as the “Board of Directors” or “Board” and its members are referred to as the “Directors”; and the Directors who are not “interested persons” (as such term is defined in the Investment Company Act of 1940) of the Fund are referred to as the “Independent Directors.” The Board of Directors, including at least a majority of the Independent Directors, has adopted this Charter. The Governance and Nominating Committee is referred to as the “Committee.”

B. Purposes of the Committee

The purposes of the Committee are to:

- (1) Support the Independent Directors in pursuing the best interests of the Fund and its shareholders.
- (2) Identify individuals qualified to serve as Independent Directors.
- (3) Advise the Board of Directors with respect to Board composition, procedures and committees (other than the Audit Committee).
- (4) Oversee periodic self-assessments of the Board of Directors and committees of the Board of Directors (other than the Audit Committee).
- (5) Monitor corporate governance matters and make recommendations in respect thereof to the Board of Directors.
- (6) Act as the administrative committee with respect to Board of Directors policies and procedures, committee policies and procedures (other than the Audit Committee) and codes of ethics as they relate to Independent Directors.
- (7) Review and make recommendations in respect of Independent Director compensation.

The Board of Directors will have oversight of governance and nominating related matters not falling within the foregoing purposes of the Committee. This Charter is not intended to limit the authority or discretion of the Board of Directors.

C. Composition of the Committee

The Committee will have at least three members, all of whom will be Independent Directors. The members and the Chair of the Committee will be determined annually by vote of the Independent Directors. The Chairman of the Board may designate an acting chair in the absence of the Chair.

D. Chair; Functions of the Chair

The Chair will have the following responsibilities:

- (1) The Chair will preside at all meetings of the Committee. Any designated alternate will preside in the Chair's absence.
- (2) The Chair will be responsible for meeting agendas.
- (3) The Chair will coordinate with the chairs of other committees as appropriate.
- (4) The Chair, reflecting the views of Committee members, will engage BlackRock in a dialogue on the scope and contents of materials furnished to Committee.
- (5) The Chair will assist in identifying and bringing to the attention of the Chairman of the Board issues that should be considered by the Board of Directors, the Independent Directors or any other committee.
- (6) At meetings of the Board of Directors, the Chair will report on the Committee's recommendations on applicable resolutions and on any important actions by or discussions of the Committee.
- (7) The Chair may consult with counsel for the Fund and Independent Directors, as deemed necessary and appropriate.

E. Meetings and Procedures of the Committee

- (1) The Committee will generally meet on a quarterly basis, or more frequently as called by the Chair. The Chair or a majority of the members of the Committee may call a special meeting of the Committee.
- (2) The Committee may determine its own rules of procedure, which shall be consistent with the charter document of the Fund, the Bylaws of the Fund and this Charter.
- (3) A majority of the members of the Committee, present in person or by means of a conference telephone or other communications equipment by means of which all persons participating in the meeting can communicate with each other, shall constitute a quorum. The Committee may take action by written consent if at least the number of Committee members required for approval at a meeting consent to the action in writing and the written consents are filed with the records of meetings of the Committee, unless otherwise required by applicable law.

(4) The Committee may request that any Director, officer or employee of a Fund, or other persons whose advice and counsel are sought by the Committee, attend any meeting of the Committee to provide such information as the Committee requests.

(5) The Committee will cause to be kept written minutes of its meetings, which minutes shall be maintained with the books and records of the Fund.

(6) Meetings of the Committee will be open to all Independent Directors.

F. Particular Actions of the Committee

(1) Board Candidates and Nominees. The Committee shall have the following goals and responsibilities with respect to Board candidates and nominees:

- (a) Make recommendations to the Independent Directors as to criteria for evaluating potential nominees. (The present criteria are attached as Annex A.)
- (b) Recommend Independent Director nominees for election by the shareholders or appointment by the Board. In assessing candidates for the office of Independent Director the Committee shall give appropriate weight to the criteria referred to in clause (a).
- (c) Review the suitability for continued service as a director of each Independent Director when his or her term expires and at such other times as the Committee deems necessary or appropriate, and to recommend whether or not the Independent Director should be re-nominated.

(2) Board Composition and Procedures. The Committee shall have the following goals and responsibilities with respect to the composition and procedures of the Board as a whole:

- (a) Review periodically with the Board the size and composition of the Board as a whole and recommend, if necessary, measures to be taken so that the Board reflects the appropriate balance of knowledge, experience, skills, expertise and diversity required for the Board as a whole and contains at least the minimum number of Independent Directors required by law.
- (b) Make recommendations concerning any other aspect of the procedures of the Board that the Committee considers warranted.
- (c) Make recommendations on the requirements for, and means of, Board orientation and training.
- (d) Make recommendations as to the Board's compensation.

(3) Corporate Governance. The following shall be the goals and responsibilities of the Committee with respect to governance matters:

- (a) Consider any corporate governance issues that arise from time to time, and develop appropriate recommendations for the Board.
- (b) Monitor compliance with, and act as the administrative committee with respect to, the provisions of the Code of Ethics pursuant to Rule 17j-1(c) under the 1940 Act as they apply to the Independent Directors.

(4) Board Committees, The following shall be the goals and responsibilities of the Committee with respect to the committee structure of the Board. The following provisions shall not apply to the Audit Committee, which will be supervised by the Board:

- (a) Make recommendations to the Board regarding the size and composition of each committee of the Board, including the identification of individuals to serve as members of a committee, and recommend individual Directors to fill any vacancy that might occur on a committee.
- (b) Monitor the functioning of the committees of the Board and make recommendations for any changes, including the creation or elimination of committees, the orientation of committee members and the annual review performed, if any, by each committee.
- (c) Recommend that the Board establish such special committees as may be desirable or necessary from time to time.

(5) Self-Assessment of the Board, The Committee shall be responsible for overseeing the annual self-assessment of the Board. The Committee shall address all matters that the Committee considers relevant to the Board's performance.

The Committee shall report to the Board on the results of its evaluation, including any recommended amendments to the principles of corporate governance, and any recommended changes to the Fund's or the Board's policies or procedures.

G. Self-Assessment of the Committee; Amendment of Charter

The Committee shall, on an annual basis, assess its performance. The Committee shall evaluate whether this Charter appropriately addresses the matters that are or should be within its scope. The Committee shall address matters that the Committee considers relevant to its performance.

The Committee shall report to the Board on an annual basis on the results of its evaluation, including any recommended amendments to this Charter, and any recommended changes to the Fund's or the Board's policies or procedures.

The Committee may from time to time recommend to the Board such amendments to this Charter as the Committee determines to be necessary or appropriate.

H. Consultants; Investigations and Studies; Outside Advisers

The Committee will have authority, upon consultation with the Chairman of the Board, to retain and terminate any third-party advisers, including authority to approve fees and other retention terms. Such advisers may include consultants on Independent Direction compensation. The Committee may conduct or authorize investigations into or studies of matters within the Committee's scope of responsibilities, and may retain, at the Fund's expense, such independent counsel or other advisers as it deems necessary. The Committee may call upon the Fund's independent accountants (with the concurrence of the Audit Committee) or other third parties for such fact-finding and analysis as may be appropriate in light of the objectives of this Charter.

Note: Solely for the sake of clarity and simplicity, this Joint Governance and Nominating Committee Charter has been drafted as if there is a single Fund, a single Audit Committee, a single Governance and Nominating Committee and a single Board. The terms "Audit Committee," "Governance and Nominating Committee" and "Board" mean each "Audit Committee," "Governance and Nominating Committee" and "Board" as it relates to its respective Fund, unless the context otherwise requires. The Audit Committee, Governance and Nominating Committee and Board of each Fund shall act separately and in the best interests of its respective Fund.

Statement of Policy on Criteria for Selecting Independent Directors

The Governance and Nominating Committee has adopted this Statement of Policy to memorialize its views as to the appropriate criteria for selecting Independent Directors of the Fund.

A. The Governance and Nominating Committee expects that all candidates will have the following characteristics:

- Unquestioned personal integrity.
- The candidate may not be an “interested person” of BlackRock or its affiliates within the meaning of the Investment Company Act of 1940.
- The candidate should have no material relationship that could create an appearance of lack of independence in respect of BlackRock and its affiliates. Material relationships can include commercial, industrial, banking, consulting, legal, accounting, charitable and familial relationships (among others).
- The candidate needs the disposition to act independently in fact in respect of BlackRock and its affiliates. It is expected that Independent Directors will play an active and, if necessary, an adversarial role in pursuing the best interests of the Fund and shareholders.
- The candidate needs to be able to attend six meetings per year. The effect of this requirement is to limit the number of other boards on which a candidate can participate.
- The candidate needs to have demonstrated sound business judgment gained through broad experience in significant positions where the candidate has dealt with management, technical, financial or regulatory issues.
- The candidate should have sufficient investment knowledge to add value in the complex financial environment of the Fund.
- Candidates should have experience on corporate and other boards. This helps assure that they have other exposure to current governance issues and business practices. Candidates should not, however, have board memberships or other relationships that could result in business or regulatory conflicts with the Fund.
- The candidate needs the capacity for the hard work and attention to detail that is required in light of the Fund’s complex regulatory, operational and marketing setting.

B. The following characteristics are desirable, but not mandatory:

- The candidate should have the ability to serve for seven or more years before reaching mandatory retirement age.

- The candidate should have diversity of interests evidenced by participation in community, charitable or other similar activities.

C. The following are desirable characteristics of the Independent Directors as a group:

- The Independent Directors will generally be drawn from the ranks of respected and accomplished senior business, government, professional and academic leaders.
- The Independent Directors will strive to achieve diversity in terms of gender, race and geographic location.
- The Independent Directors as a whole should reflect a diversity of experience. At least one Independent Director will be an “audit committee financial expert,” as such term is defined by the Securities and Exchange Commission. The Governance and Nominating Committee will strive to achieve a balance of experience of Independent Directors in respective industries, management roles and other experience.

BlackRock Funds in the Equity-Bond Complex

BlackRock Advantage Global Fund, Inc.

BlackRock Advantage U.S. Total Market Fund, Inc.

BlackRock Allocation Target Shares

BATS: Series A Portfolio

BATS: Series C Portfolio

BATS: Series E Portfolio

BATS: Series M Portfolio

BATS: Series P Portfolio

BATS: Series S Portfolio

BlackRock Balanced Capital Fund, Inc.

BlackRock Basic Value Fund, Inc.

BlackRock Bond Fund, Inc.

BlackRock Total Return Fund

BlackRock California Municipal Series Trust

BlackRock California Municipal Opportunities Fund

BlackRock Capital Appreciation Fund, Inc.

BlackRock Equity Dividend Fund

BlackRock EuroFund

BlackRock Focus Growth Fund, Inc.

BlackRock Funds II

BlackRock 20/80 Target Allocation Fund

BlackRock 40/60 Target Allocation Fund

BlackRock 60/40 Target Allocation Fund

BlackRock 80/20 Target Allocation Fund

BlackRock Core Bond Portfolio

BlackRock Credit Strategies Income Fund

BlackRock Dynamic High Income Portfolio

BlackRock Emerging Markets Bond Fund

BlackRock Emerging Markets Flexible Dynamic Bond Portfolio

BlackRock Emerging Markets Local Currency Bond Fund

BlackRock Floating Rate Income Portfolio

BlackRock Global Dividend Portfolio

BlackRock GNMA Portfolio

BlackRock High Yield Bond Portfolio

BlackRock Inflation Protected Bond Portfolio

BlackRock LifePath® Smart Beta 2020 Fund

BlackRock LifePath® Smart Beta 2025 Fund

BlackRock LifePath® Smart Beta 2030 Fund

BlackRock LifePath® Smart Beta 2035 Fund

BlackRock LifePath® Smart Beta 2040 Fund

BlackRock LifePath® Smart Beta 2045 Fund

BlackRock LifePath® Smart Beta 2050 Fund

BlackRock LifePath® Smart Beta 2055 Fund

BlackRock LifePath® Smart Beta 2060 Fund

BlackRock LifePath® Smart Beta Retirement Fund

BlackRock Low Duration Bond Portfolio
BlackRock Managed Income Fund
BlackRock Multi-Asset Income Portfolio
BlackRock Strategic Income Opportunities Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Funds V

BlackRock Core Bond Portfolio
BlackRock Credit Strategies Income Fund
BlackRock Emerging Markets Bond Fund
BlackRock Emerging Markets Flexible Dynamic Bond Portfolio
BlackRock Emerging Markets Local Currency Bond Fund
BlackRock Floating Rate Income Portfolio
BlackRock GNMA Portfolio
BlackRock High Yield Bond Portfolio
BlackRock Inflation Protected Bond Portfolio
BlackRock Low Duration Bond Portfolio
BlackRock Strategic Income Opportunities Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Global Allocation Fund, Inc.

BlackRock Long-Horizon Equity Fund

BlackRock Mid Cap Dividend Series, Inc.

BlackRock Mid Cap Dividend Fund

BlackRock Multi-State Municipal Series Trust

BlackRock New Jersey Municipal Bond Fund
BlackRock New York Municipal Opportunities Fund
BlackRock Pennsylvania Municipal Bond Fund

BlackRock Municipal Bond Fund, Inc.

BlackRock High Yield Municipal Fund
BlackRock National Municipal Fund
BlackRock Short-Term Municipal Fund

BlackRock Municipal Series Trust

BlackRock Strategic Municipal Opportunities Fund

BlackRock Natural Resources Trust

BlackRock Series Fund, Inc.

BlackRock Advantage Large Cap Core Portfolio
BlackRock Balanced Capital Portfolio
BlackRock Capital Appreciation Portfolio
BlackRock Global Allocation Portfolio
BlackRock Government Money Market Portfolio
BlackRock High Yield Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Series Fund II, Inc.

BlackRock High Yield Portfolio
BlackRock U.S. Government Bond Portfolio

BlackRock Strategic Global Bond Fund, Inc.

BlackRock Variable Series Funds, Inc.

BlackRock Advantage Large Cap Core V.I. Fund
BlackRock Advantage Large Cap Value V.I. Fund
BlackRock Advantage U.S. Total Market V.I. Fund
BlackRock Basic Value V.I. Fund
BlackRock Capital Appreciation V.I. Fund
BlackRock Equity Dividend V.I. Fund
BlackRock Global Allocation V.I. Fund
BlackRock Government Money Market V.I. Fund
BlackRock High Yield V.I. Fund
BlackRock International V.I. Fund
BlackRock International Index V.I. Fund
BlackRock iShares® Dynamic Allocation V.I. Fund
BlackRock Large Cap Focus Growth V.I. Fund
BlackRock Managed Volatility V.I. Fund
BlackRock S&P 500 Index V.I. Fund
BlackRock Small Cap Index V.I. Fund
BlackRock Total Return V.I. Fund
BlackRock U.S. Government Bond V.I. Fund
BlackRock Variable Series Funds II, Inc.
BlackRock High Yield V.I. Fund
BlackRock Total Return V.I. Fund
BlackRock U.S. Government Bond V.I. Fund
FDP Series, Inc.
FDP BlackRock Capital Appreciation Fund
FDP BlackRock CoreAlpha Bond Fund
FDP BlackRock Equity Dividend Fund
FDP BlackRock International Fund
FDP Series II, Inc.
FDP BlackRock CoreAlpha Bond Fund
Managed Account Series
Advantage Global SmallCap Fund
BlackRock GA Disciplined Volatility Equity Fund
BlackRock GA Enhanced Equity Fund
BlackRock U.S. Mortgage Portfolio
Mid Cap Dividend Fund
Managed Account Series II
BlackRock U.S. Mortgage Portfolio
Master Advantage U.S. Total Market LLC
Master Bond LLC
Master Total Return Portfolio
Master Focus Growth LLC

**Joint Governance and Nominating Committee Charter
of the BlackRock Funds
in the Equity Liquidity Complex**

A. Background

This is the Governance and Nominating Committee Charter (the “Charter”) that is referred to in the Statement on Governance of the BlackRock Funds in the Equity Liquidity Complex (the “Statement on Governance”). All defined terms have the meanings ascribed to them in the Statement on Governance, except that the terms “Committee” and “Chair of the Committee” as used herein specifically refer to the Governance and Nominating Committee and its Chair, respectively.

The Committee shall be constituted and shall conduct its meetings, and shall otherwise act, in accordance with the Statement of Committee Policies and Procedures of the BlackRock Funds in the Equity Liquidity Complex (“Committee Procedures”) as they are from time to time in effect.

The Board of Directors, including at least a majority of the Independent Directors, has adopted this Charter.

B. Roles and Responsibilities

(1) Governance Functions.

- (a) Corporate Governance: The Committee shall monitor and consider governance issues that arise from time to time and develop recommendations in respect thereof to the Board.
- (b) Board Composition and Procedures: The Committee shall advise the Board of Directors with respect to Board composition and procedures. In furtherance of this purpose, the Committee shall:
 - (i) Review periodically with the Board the size and composition of the Board as a whole and recommend, if necessary, measures to be taken so that the Board reflects the appropriate balance of knowledge, experience, skills, expertise and diversity required for the Board as a whole and contains at least the minimum number of Independent Directors required by law.
 - (ii) Make recommendations on the frequency and structure of Board meetings.
 - (iii) Make recommendations concerning any other aspect of the procedures of the Board that the Committee considers warranted.
 - (iv) Make recommendations on Board orientation and training.

- (c) Committee Structure: The Committee shall advise the Board of Directors with respect to the composition of committees, and procedures, except that the Committee will not advise with respect to the procedures of the Audit Committee. In consultation with the Chair of the Board, the Committee shall make recommendations regarding leadership succession for the chairs of committees. In furtherance of this purpose, the Committee shall:
 - (i) Make recommendations to the Board regarding the size and composition of each committee of the Board, including the identification of individuals to serve as members of a committee, and recommend individual Directors to fill any vacancy that might occur on a committee.
 - (ii) Monitor the functioning of the committees of the Board and make recommendations for any changes, including the creation or elimination of committees, the orientation of committee members and the annual review, if any, performed by each committee.
 - (iii) Recommend that the Board establish such ad hoc or special committees as may be desirable or necessary from time to time.
- (d) Administrative Issues: The Committee shall act as the administrative committee with respect to (i) the Board of Directors policies and procedures set forth in the Appendices to the Statement on Governance, and (ii) the Committee Procedures.
- (e) Self-Assessments: The Committee shall oversee periodic self-assessments of the Board of Directors and committees of the Board of Directors. In undertaking the self-assessment of the Board, the Committee shall address all matters that the Committee considers relevant to the Board's performance. The Committee shall report to the Board on the results of its evaluation, including any recommended amendments to the Fund's or the Board's governance policies or procedures.
- (f) Compensation: The Committee shall review and make recommendations in respect of Independent Director compensation.
- (g) Chair of the Board: The Committee shall examine the process for selecting the Chair of the Board and make recommendations in respect thereof to the Board.

(2) Nominating Functions. The Committee shall recommend Independent Director nominees for election by shareholders or appointment by the Board. In furtherance of this purpose, the Committee shall:

- (a) Conduct the process for identifying and onboarding candidates for the office of Independent Directors. In assessing candidates the Committee will give appropriate weight to the Statement of Policy on Criteria for

Selecting Independent Directors (the “Selection Criteria”), the current form of which is attached to the Statement on Governance as Appendix A1.

- (b) Make recommendations to the Independent Directors as to any changes to the Selection Criteria.
- (c) Consider any concerns that may be raised about an Independent Director’s conduct or performance and discuss possible remediation.
- (d) Review the suitability for continued service as a director of each Independent Director when his or her period of service ends and at such other times as the Committee deems necessary or appropriate, and recommend whether or not the Independent Director should continue to serve.

(3) Engagement and Evaluation of Independent Counsel. The Committee shall recommend to the full Board for approval the selection and retention of independent counsel (the “Independent Counsel”) and shall consider and recommend to the full Board for approval the annual determination of the independence of Independent Counsel. The Committee shall also oversee the compensation of Independent Counsel.

(4) Risk Oversight. Due to the broad and complex nature of risk oversight, various issues may arise of relevance to more than one committee. The Chair of the Committee shall coordinate with the chairs of other committees to address these issues as needed.

As Amended: November 2016

**Statement of Policy on Criteria
for Selecting Independent Directors**

The Independent Directors have adopted these Selection Criteria to memorialize their views as to the appropriate criteria for selecting Independent Directors of the Fund.

A. The Governance and Nominating Committee expects that all candidates will have the following characteristics:

- Unquestioned personal integrity.
- Sound business judgment gained through broad experience in significant positions where the candidate has dealt with management, technical, financial, or regulatory issues.
- The disposition to act independently of BlackRock and its affiliates. It is expected that Independent Directors will play an active and, if necessary, an adversarial role in pursuing the best interests of the Fund and shareholders.
- The capacity for the hard work and attention to detail that is required in light of the Fund's complex regulatory, operational, and marketing setting.
- Sufficient financial or accounting knowledge to add value in the complex financial environment of the Fund.
- The ability to attend five meetings per year. The effect of this requirement is to limit the number of other boards on which a candidate can reasonably participate. (Note: It is the policy of this Board that Independent Directors should ordinarily not serve on more than three boards in total and may not serve on more than one board in the BlackRock complex.)

In addition, all candidates must meet the following requirements:

- The candidate may not be an "interested person" of BlackRock or its affiliates within the meaning of the Investment Company Act of 1940.
- The candidate should have no material relationship that could create an appearance of lack of independence in respect of BlackRock and its affiliates. Material relationships can include commercial, industrial, banking, consulting, legal, accounting, charitable, and familial relationships (among others).
- The candidate's outside activities shall be consistent with the Guidelines on Business Conflicts with BlackRock as from time to time approved by the Independent Directors. See Appendix A2.

B. The following characteristics are desirable, but not mandatory:

- The ability to serve seven or more years before reaching the mandatory retirement age.
- A diversity of interests evidenced by participation in community, charitable, or other similar activities.
- Experience with corporate and other boards. This helps assure that a candidate has exposure to current governance issues and business practices. Candidates should not, however, have board memberships or other relationships that could result in business or regulatory conflicts with the Fund. See the Guidelines on Business Conflicts with BlackRock, Appendix A2.

C. The following are desirable characteristics of the Independent Directors as a group:

- The Independent Directors will generally be drawn from the ranks of respected and accomplished senior business, government, professional, and academic leaders.
- The Independent Directors will strive to achieve diversity in terms of gender, race, and geographic location.
- The Independent Directors as a whole should reflect a diversity of experience. The Governance and Nominating Committee will strive to achieve a balance of experience of Independent Directors in respect of industries, management roles, and other experience.
- At least one Independent Director will be an “audit committee financial expert.”

BlackRock Funds in the Equity-Liquidity Complex

BBIF Money Fund

BBIF Treasury Fund

BIF Money Fund

BIF Treasury Fund

BlackRock Asian Dragon Fund, Inc.

BlackRock Emerging Markets Fund, Inc.

BlackRock Financial Institutions Series Trust

BlackRock Summit Cash Reserves Fund

BlackRock FundsSM

BlackRock Advantage Emerging Markets Fund

BlackRock Advantage International Fund

BlackRock Advantage Large Cap Growth Fund

BlackRock Advantage Small Cap Core Fund

BlackRock Advantage Small Cap Growth Fund

BlackRock All-Cap Energy & Resources Portfolio

BlackRock Alternative Capital Strategies Fund

BlackRock Commodity Strategies Fund

BlackRock Emerging Markets Dividend Fund

BlackRock Emerging Markets Equity Strategies Fund

BlackRock Energy & Resources Portfolio

BlackRock Exchange Portfolio

BlackRock Global Long/Short Credit Fund

BlackRock Global Long/Short Equity Fund

BlackRock Health Sciences Opportunities Portfolio

BlackRock High Equity Income Fund

BlackRock Impact Bond Fund

BlackRock Impact U.S. Equity Fund

BlackRock International Dividend Fund

BlackRock Mid-Cap Growth Equity Portfolio

BlackRock Money Market Portfolio

BlackRock Real Estate Securities Fund

BlackRock Short Obligations Fund

BlackRock Tactical Opportunities Fund

BlackRock Technology Opportunities Fund

BlackRock Total Emerging Markets Fund

BlackRock Total Factor Fund

iShares Developed Real Estate Index Fund

iShares Edge MSCI Min Vol EAFE Index Fund

iShares Edge MSCI Min Vol USA Index Fund

iShares Edge MSCI Multifactor Intl Index Fund

iShares Edge MSCI Multifactor USA Index Fund

iShares Edge MSCI USA Momentum Factor Index Fund

iShares Edge MSCI USA Quality Factor Index Fund

iShares Edge MSCI USA Size Factor Index Fund

iShares Edge MSCI USA Value Factor Index Fund

iShares MSCI Asia ex Japan Index Fund
iShares MSCI Developed World Index Fund
iShares Municipal Bond Index Fund
iShares Russell Mid-Cap Index Fund
iShares Russell Small/Mid-Cap Index Fund
iShares Short-Term TIPS Bond Index Fund
iShares Total U.S. Stock Market Index Fund

BlackRock Funds III

BlackRock Cash Funds: Institutional
BlackRock Cash Funds: Treasury
BlackRock CoreAlpha Bond Fund
BlackRock LifePath® Dynamic Retirement Fund
BlackRock LifePath® Dynamic 2020 Fund
BlackRock LifePath® Dynamic 2025 Fund
BlackRock LifePath® Dynamic 2030 Fund
BlackRock LifePath® Dynamic 2035 Fund
BlackRock LifePath® Dynamic 2040 Fund
BlackRock LifePath® Dynamic 2045 Fund
BlackRock LifePath® Dynamic 2050 Fund
BlackRock LifePath® Dynamic 2055 Fund
BlackRock LifePath® Dynamic 2060 Fund
BlackRock LifePath® Index Retirement Fund
BlackRock LifePath® Index 2020 Fund
BlackRock LifePath® Index 2025 Fund
BlackRock LifePath® Index 2030 Fund
BlackRock LifePath® Index 2035 Fund
BlackRock LifePath® Index 2040 Fund
BlackRock LifePath® Index 2045 Fund
BlackRock LifePath® Index 2050 Fund
BlackRock LifePath® Index 2055 Fund
BlackRock LifePath® Index 2060 Fund
iShares MSCI Total International Index Fund
iShares Russell 1000 Large-Cap Index Fund
iShares S&P 500 Index Fund
iShares U.S. Aggregate Bond Index Fund

BlackRock Funds IV

BlackRock Alternative Capital Strategies Fund
BlackRock Global Long/Short Credit Fund
BlackRock Impact Bond Fund

BlackRock Funds VI

BlackRock CoreAlpha Bond Fund

BlackRock Index Funds, Inc.

iShares MSCI EAFE International Index Fund
iShares Russell 2000 Small-Cap Index Fund

BlackRock Large Cap Series Funds, Inc.

BlackRock Advantage Large Cap Core Fund

BlackRock Advantage Large Cap Value Fund
BlackRock Event Driven Equity Fund
BlackRock Large Cap Focus Growth Fund

BlackRock Latin America Fund, Inc.

BlackRock Liquidity Funds

California Money Fund
Federal Trust Fund
FedFund
MuniCash
MuniFund
New York Money Fund
TempCash
TempFund
T-Fund
Treasury Trust Fund

BlackRock Series, Inc.

BlackRock International Fund

Funds For Institutions Series

BlackRock Premier Government Institutional Fund
BlackRock Select Treasury Strategies Institutional Fund
BlackRock Treasury Strategies Institutional Fund
FFI Government Fund
FFI Treasury Fund

Master Investment Portfolio

Active Stock Master Portfolio
CoreAlpha Bond Master Portfolio
International Tilts Master Portfolio
Large Cap Index Master Portfolio
LifePath® Dynamic Retirement Master Portfolio
LifePath® Dynamic 2020 Master Portfolio
LifePath® Dynamic 2025 Master Portfolio
LifePath® Dynamic 2030 Master Portfolio
LifePath® Dynamic 2035 Master Portfolio
LifePath® Dynamic 2040 Master Portfolio
LifePath® Dynamic 2045 Master Portfolio
LifePath® Dynamic 2050 Master Portfolio
LifePath® Dynamic 2055 Master Portfolio
LifePath® Dynamic 2060 Master Portfolio
LifePath® Index Retirement Master Portfolio
LifePath® Index 2020 Master Portfolio
LifePath® Index 2025 Master Portfolio
LifePath® Index 2030 Master Portfolio
LifePath® Index 2035 Master Portfolio
LifePath® Index 2040 Master Portfolio
LifePath® Index 2045 Master Portfolio
LifePath® Index 2050 Master Portfolio

LifePath® Index 2055 Master Portfolio
LifePath® Index 2060 Master Portfolio
Money Market Master Portfolio
S&P 500 Index Master Portfolio
Total International ex U.S. Index Master Portfolio
Treasury Money Market Master Portfolio
U.S. Total Bond Index Master Portfolio
Master Investment Portfolio II
CoreAlpha Bond Master Portfolio
Master Institutional Money Market LLC
Master Premier Government Institutional Portfolio
Master Treasury Strategies Institutional Portfolio
Master Large Cap Series LLC
Master Advantage Large Cap Core Portfolio
Master Advantage Large Cap Value Portfolio
Master Large Cap Focus Growth Portfolio
Master Money LLC
Master Treasury LLC
Ready Assets Government Liquidity Fund
Ready Assets U.S.A. Government Money Fund
Ready Assets U.S. Treasury Money Fund
Retirement Series Trust
Retirement Reserves Money Fund
Quantitative Master Series LLC
Master Extended Market Index Series
Master Small Cap Index Series