

Summary Prospectus

January 31, 2019

The information contained herein relates to all classes of the Fund's Shares, as listed below, unless otherwise noted.

Share Class | Ticker **A** | LEIFX **B** | LEIBX **C** | LEICX **F** | LFEIX
R | FDERX **Institutional** | LEISX

Federated Equity Income Fund, Inc.

Before you invest, you may want to review the Fund's Prospectus, which contains more information about the Fund and its risks. You can find the Fund's Prospectus and other information about the Fund, including the Statement of Additional Information and most recent reports to shareholders, online at FederatedInvestors.com/FundInformation. You can also get this information at no cost by calling 1-800-341-7400 or by sending an email request to services@federatedinvestors.com or from a financial intermediary through which Shares of the Fund may be bought or sold. The Fund's Prospectus and Statement of Additional Information, both dated January 31, 2019, are incorporated by reference into this Summary Prospectus.

IMPORTANT NOTICE TO SHAREHOLDERS

Beginning on January 1, 2021, as permitted by regulations adopted by the Securities and Exchange Commission, paper copies of the Fund's shareholder reports will no longer be sent by mail, unless you specifically request paper copies of the reports from the Fund or from your financial intermediary, such as a broker-dealer or bank. Instead, the reports will be made available on a website, and you will be notified by mail each time a report is posted and provided with a website link to access the report.

(Continued on inside front cover)

Not FDIC Insured • May Lose Value • No Bank Guarantee

If you already elected to receive shareholder reports electronically, you will not be affected by this change and you need not take any action. You may elect to receive shareholder reports and other communications from the Fund or your financial intermediary electronically by contacting your financial intermediary (such as a broker-dealer or bank); other shareholders may call the Fund at 1-800-341-7400, Option 4.

You may elect to receive all future reports in paper free of charge. You can inform the Fund or your financial intermediary that you wish to continue receiving paper copies of your shareholder reports by contacting your financial intermediary (such as a broker-dealer or bank); other shareholders may call the Fund at 1-800-341-7400, Option 4. Your election to receive reports in paper will apply to all funds held with the Fund complex or your financial intermediary.

A mutual fund seeking to provide above average income and capital appreciation by investing primarily in income-producing equity securities.

As with all mutual funds, the Securities and Exchange Commission (SEC) has not approved or disapproved these securities or passed upon the adequacy of this Prospectus. Any representation to the contrary is a criminal offense.

Fund Summary Information

Federated Equity Income Fund, Inc. (the “Fund”)

RISK/RETURN SUMMARY: INVESTMENT OBJECTIVE

The Fund’s investment objective is to provide above average income and capital appreciation.

RISK/RETURN SUMMARY: FEES AND EXPENSES

This table describes the fees and expenses that you may pay if you buy and hold Class A Shares (A), Class B Shares (B), Class C Shares (C), Class F Shares (F), Class R Shares (R) and Institutional Shares (IS) of the Fund. You may qualify for certain sales charge discounts if you and your family invest, or agree to invest in the future, at least \$50,000 in A class or at least \$1,000,000 in F class of Federated funds. More information about these and other discounts is available from your financial professional, in the “What Do Shares Cost?” section of the Prospectus on page 15 and in “Appendix B” to this Prospectus. If you purchase the Fund’s IS shares through a broker acting solely as an agent on behalf of its customers, you may be required to pay a commission to such broker; such commissions, if any, are not reflected in the Example below.

Shareholder Fees (fees paid directly from your investment)

	A	B	C	F	R	IS
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	5.50%	None	None	1.00%	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of original purchase price or redemption proceeds, as applicable)	0.00%	5.50%	1.00%	1.00%	None	None
Maximum Sales Charge (Load) Imposed on Reinvested Dividends (and other Distributions) (as a percentage of offering price)	None	None	None	None	None	None
Redemption Fee (as a percentage of amount redeemed, if applicable)	None	None	None	None	None	None
Exchange Fee	None	None	None	None	None	None

Annual Fund Operating Expenses (expenses that you pay each year as a percentage of the value of your investment)

Management Fee	0.60%	0.60%	0.60%	0.60%	0.60%	0.60%
Distribution (12b-1) Fee	0.00% ¹	0.75%	0.75%	0.25%	0.50%	None
Other Expenses	0.52%	0.56%	0.53%	0.52%	0.45%	0.29%
Total Annual Fund Operating Expenses	1.12%	1.91%	1.88%	1.37%	1.55%	0.89%
Fee Waivers and/or Expense Reimbursements	(0.00)%	(0.00)%	(0.00)%	(0.00)%	(0.19)% ²	(0.00)%
Total Annual Fund Operating Expenses After Fee Waivers and/or Expense Reimbursements	1.12%	1.91%	1.88%	1.37%	1.36%	0.89%

- 1 The Fund has adopted a Distribution (12b-1) Plan for its A class pursuant to which the A class of the Fund may incur or charge a Distribution (12b-1) fee of up to a maximum amount of 0.05%. No such fee is currently incurred or charged by the A class of the Fund. The A class of the Fund will not incur or charge such a Distribution (12b-1) fee until such time as approved by the Fund's Board of Directors (the "Directors").
- 2 The Adviser and certain of its affiliates on their own initiative have agreed to waive certain amounts of their respective fees and/or reimburse expenses. Effective February 1, 2019, total annual fund operating expenses (excluding acquired fund fees and expenses, interest expense, extraordinary expenses and proxy-related expenses paid by the Fund, if any) paid by the Fund's R class (after the voluntary waivers and/or reimbursements) will not exceed 1.35% (the "Fee Limit") up to but not including the later of (the "Termination Date"): (a) February 1, 2020; or (b) the date of the Fund's next effective Prospectus. While the Adviser and its affiliates currently do not anticipate terminating or increasing these arrangements prior to the Termination Date, these arrangements may only be terminated or the Fee Limit increased prior to the Termination Date with the agreement of the Directors.

Example

This Example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds.

The Example assumes that you invest \$10,000 for the time periods indicated and then redeem all of your Shares at the end of those periods. Expenses assuming no redemption are also shown. The Example also assumes that your investment has a 5% return each year and that operating expenses are as shown in the table above and remain the same. Although your actual costs and returns may be higher or lower, based on these assumptions your costs would be:

Share Class	1 Year	3 Years	5 Years	10 Years
A:				
Expenses assuming redemption	\$658	\$ 886	\$1,133	\$1,838
Expenses assuming no redemption	\$658	\$ 886	\$1,133	\$1,838
B:				
Expenses assuming redemption	\$744	\$1,000	\$1,232	\$2,027
Expenses assuming no redemption	\$194	\$ 600	\$1,032	\$2,027
C:				
Expenses assuming redemption	\$291	\$ 591	\$1,016	\$2,201
Expenses assuming no redemption	\$191	\$ 591	\$1,016	\$2,201
F:				
Expenses assuming redemption	\$338	\$ 630	\$ 842	\$1,730
Expenses assuming no redemption	\$238	\$ 530	\$ 842	\$1,730
R:				
Expenses assuming redemption	\$158	\$ 490	\$ 845	\$1,845
Expenses assuming no redemption	\$158	\$ 490	\$ 845	\$1,845
IS:				
Expenses assuming redemption	\$ 91	\$ 284	\$ 493	\$1,096
Expenses assuming no redemption	\$ 91	\$ 284	\$ 493	\$1,096

Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or “turns over” its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when Fund Shares are held in a taxable account. These costs, which are not reflected in Annual Fund Operating Expenses or in the Example, affect the Fund’s performance. During the most recent fiscal year, the Fund’s portfolio turnover rate was 133% of the average value of its portfolio.

RISK/RETURN SUMMARY: INVESTMENTS, RISKS AND PERFORMANCE

What are the Fund’s Main Investment Strategies?

The Fund pursues its investment objective by investing primarily in income-producing equity securities. The Fund’s holdings ordinarily will be in dividend paying stocks of mid-capitalization (or “mid-cap”) to large-capitalization (or “large-cap”) domestic companies. The Fund’s investment adviser, Federated Equity Management Company of Pennsylvania (“Adviser”) ordinarily selects dividend paying stocks that have a comparatively low volatility in share price relative to the overall equity market and which may provide relatively high dividend income and dividend growth potential, but may also select securities of companies that offer superior total return prospects.

The Fund may also invest, to a lesser extent, in securities of foreign (including emerging market) issuers, and may invest in real estate investment trusts and securities of other investment companies.

The Fund may invest in derivative contracts and/or hybrid instruments (such as, for example, futures contracts, including S&P 500 Index futures, equity linked notes, option contracts, and swap contracts) to implement elements of its investment strategy. For example, the Fund may use derivative contracts or hybrid instruments to increase or decrease the portfolio’s exposure to the investment(s) underlying the derivative or hybrid instruments in an attempt to benefit from changes in the value of the underlying investment(s). There can be no assurance that the Fund’s use of derivative contracts or hybrid instruments will work as intended. Derivative investments made by the Fund are included within the Fund’s 80% policy, as described below, and are calculated at market value.

The Fund actively trades its portfolio securities in an attempt to achieve its investment objective. Active trading will cause the Fund to have an increased portfolio turnover rate and increase the Fund’s trading costs, which may have an adverse impact on the Fund’s performance. An active trading strategy will likely result in the Fund generating more short-term capital gains or losses. Short-term gains are generally taxed at a higher rate than long-term gains. Any short-term losses are used first to offset short-term gains.

The Fund will invest its assets so that at least 80% of its net assets (plus any borrowings for investment purposes) are invested in income-producing equity investments. The Fund will notify shareholders at least 60 days in advance of any change in its investment policy that would permit the Fund to invest, under normal circumstances, less than 80% of its net assets (plus any borrowings for investment purposes) in income-producing equity investments.

What are the Main Risks of Investing in the Fund?

All mutual funds take investment risks. Therefore, it is possible to lose money by investing in the Fund. The primary factors that may reduce the Fund's returns include:

- **Stock Market Risk.** The value of equity securities in the Fund's portfolio will fluctuate and, as a result, the Fund's Share price may decline suddenly or over a sustained period of time. Information publicly available about a company, whether from the company's financial statements or other disclosures or from third parties, or information available to some but not all market participants, can affect the price of a company's shares in the market. Among other factors, equity securities may decline in value because of an increase in interest rates or changes in the stock market. Recent and potential future changes in industry and/or economic trends, as well as changes in monetary policy made by central banks and/or their governments, also can affect the level of interest rates and contribute to the development of or increase in volatility, illiquidity, shareholder redemptions and other adverse effects (such as a decline in a company's stock price), which could negatively impact the Fund's performance.
- **Real Estate Investment Trust Risk.** Real estate investment trusts (REITs) carry risks associated with owning real estate, including the potential for a decline in value due to economic or market conditions.
- **Mid-Cap Company Risk.** The Fund may invest in mid-capitalization (or "mid-cap") companies. Mid-cap companies often have narrower markets, limited managerial and financial resources, more volatile performance and greater risk of failure, compared to larger, more established companies. These factors could increase the volatility of the Fund's portfolio, performance and Share price.
- **Large-Cap Company Risk.** The Fund may invest in large capitalization (or "large-cap") companies. Large-cap companies may have fewer opportunities to expand the market for their products or services, may focus their competitive efforts on maintaining or expanding their market share, and may be less capable of responding quickly to competitive challenges. These factors could result in the share price of large companies not keeping pace with the overall stock market or growth in the general economy, and could have a negative affect on the Fund's portfolio, performance and Share price.
- **Risk Related to Investing for Value.** Due to their relatively low valuations, value stocks are typically less volatile than growth stocks. For instance, the price of a value stock may experience a smaller increase on a forecast of higher earnings, a positive fundamental development or positive market

development. Further, value stocks tend to have higher dividends than growth stocks. This means they depend less on price changes for returns and may lag behind growth stocks in an up market. There is no guarantee that the issuers of the stocks held by the Fund will declare dividends in the future or that, if dividends are declared, they will remain at their current levels or increase over time. The value approach to stock selection also carries the risk that the market will not recognize a security's intrinsic value for a long time (if ever), or that a stock judged to be undervalued may actually be appropriately priced.

- **Sector Risk.** Companies with similar characteristics may be grouped together in broad categories called sectors. Sector risk is the possibility that a certain sector may underperform other sectors or the market as a whole. As the Adviser allocates more of the Fund's portfolio holdings to a particular sector, the Fund's performance will be more susceptible to any economic, business or other developments which generally affect that sector.
- **Risk of Foreign Investing.** Foreign securities pose additional risks because foreign economic or political conditions may be less favorable than those of the United States. Securities in foreign markets may also be subject to taxation policies that reduce returns for U.S. investors.
- **Risk of Investing in ADRs and Domestically Traded Securities of Foreign Issuers.** Because the Fund may invest in ADRs and other domestically traded securities of foreign companies, the Fund's Share price may be more affected by foreign economic and political conditions, taxation policies and accounting and auditing standards than would otherwise be the case.
- **Risk of Investing in Emerging Market Countries.** Securities issued or traded in emerging markets generally entail greater risks than securities issued or traded in developed markets. For example, their prices may be significantly more volatile than prices in developed countries. Emerging market economies may also experience more severe downturns (with corresponding currency devaluations) than developed economies.
- **Currency Risk.** Exchange rates for currencies fluctuate daily. The combination of currency risk and stock market risk tends to make securities traded in foreign markets more volatile than securities traded exclusively in the United States.
- **Eurozone Related Risk.** A number of countries in the European Union (EU) have experienced, and may continue to experience, severe economic and financial difficulties. Additional EU member countries may also fall subject to such difficulties. These events could negatively affect the value and liquidity of the Fund's investments in euro-denominated securities and derivatives contracts, securities of issuers located in the EU or with significant exposure to EU issuers or countries.
- **Custodial Services and Related Investment Costs.** Custodial services and other costs relating to investment in international securities markets generally are more expensive than in the United States. Such markets have settlement and clearance procedures that differ from those in the United

States. The inability of the Fund to make intended securities purchases due to settlement problems could cause the Fund to miss attractive investment opportunities. In addition, security settlement and clearance procedures in some emerging countries may not fully protect the Fund against loss of its assets.

■ **Risk of Investing in Derivative Contracts and Hybrid Instruments.**

Derivative contracts and hybrid instruments involve risks different from, or possibly greater than, risks associated with investing directly in securities and other traditional investments. Specific risk issues related to the use of such contracts include valuation and tax issues, increased potential for losses and/or costs to the Fund, and a potential reduction in gains to the Fund. Each of these risk issues is described in greater detail in this Prospectus. Derivative contracts and hybrid instruments may also involve other risks described in this Prospectus, such as stock market, currency and leverage risks.

■ **Leverage Risk.** Leverage risk is created when an investment, which includes, for example, an investment in a derivative contract, exposes the Fund to a level of risk that exceeds the amount invested. Changes in the value of such an investment magnify the Fund's risk of loss and potential for gain.

■ **Counterparty Credit Risk.** Credit risk includes the possibility that a party to a transaction involving the Fund will fail to meet its obligations. This could cause the Fund to lose the benefit of the transaction or prevent the Fund from selling or buying other securities to implement its investment strategy.

■ **Risk Related to the Economy.** The value of the Fund's portfolio may decline in tandem with a drop in the overall value of the markets in which the Fund invests and/or other markets. Economic, political and financial conditions, or industry or economic trends and developments, may, from time to time, and for varying periods of time, cause the Fund to experience volatility, illiquidity, shareholder redemptions, or other potentially adverse effects.

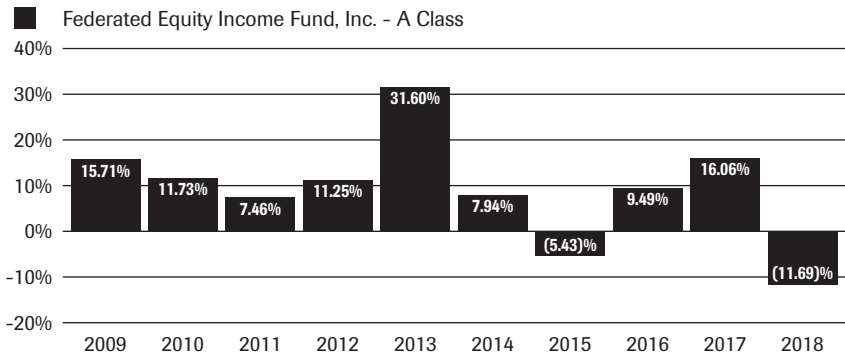
■ **Technology Risk.** The Adviser uses various technologies in managing the Fund, consistent with its investment objective(s) and strategy described in this Prospectus. For example, proprietary and third-party data and systems are utilized to support decision making for the Fund. Data imprecision, software or other technology malfunctions, programming inaccuracies and similar circumstances may impair the performance of these systems, which may negatively affect Fund performance.

The Shares offered by this Prospectus are not deposits or obligations of any bank, are not endorsed or guaranteed by any bank and are not insured or guaranteed by the U.S. government, the Federal Deposit Insurance Corporation, the Federal Reserve Board or any other government agency.

PERFORMANCE: BAR CHART AND TABLE

Risk/Return Bar Chart

The bar chart and performance table below reflect historical performance data for the Fund and are intended to help you analyze the Fund's investment risks in light of its historical returns. The bar chart shows the variability of the Fund's A class total returns on a calendar year-by-year basis. The Average Annual Total Return Table shows returns for each class *averaged* over the stated periods, and includes comparative performance information. *The Fund's performance will fluctuate, and past performance (before and after taxes) is not necessarily an indication of future results.* Updated performance information for the Fund is available under the "Products" section at FederatedInvestors.com or by calling 1-800-341-7400.



The total returns shown in the bar chart do not reflect the payment of any sales charges or recurring shareholder account fees. If these charges or fees had been included, the returns shown would have been lower.

Within the periods shown in the bar chart, the Fund's A class highest quarterly return was 13.05% (quarter ended September 30, 2009). Its lowest quarterly return was (14.72)% (quarter ended December 31, 2018).

Average Annual Total Return Table

The Fund's IS class commenced operations on March 30, 2012. For the period prior to the commencement of operations for the IS class, the performance information shown is for the Fund's A class. The performance of the A class has not been adjusted to reflect the expenses of the IS class since the IS class has a lower expense ratio than the expense ratio of the A class. The performance of the A class has been adjusted to reflect the absence of sales charges and adjusted to remove any voluntary waiver of the Fund's expenses related to the A class that may have occurred during the period prior to the commencement of operations of the IS class.

In addition to Return Before Taxes, Return After Taxes is shown for the Fund's A class to illustrate the effect of federal taxes on Fund returns. After-tax returns are shown only for A class, and after-tax returns for B, C, F and IS classes will differ from those shown for the A class. *Actual after-tax returns depend on each investor's personal tax situation, and are likely to differ from those shown.* After-tax returns are calculated using a standard set of assumptions. The stated returns

assume the highest historical **federal** income and capital gains tax rates. These after-tax returns do **not** reflect the effect of any applicable **state** and **local** taxes. After-tax returns are not relevant to investors holding Shares through a 401(k) plan, an Individual Retirement Account or other tax-advantaged investment plans.

(For the Period Ended December 31, 2018)

	1 Year	5 Years	10 Years
A:			
Return Before Taxes	(16.54)%	1.60%	8.21%
Return After Taxes on Distributions	(20.72)%	(0.41)%	6.79%
Return After Taxes on Distributions and Sale of Fund Shares	(8.36)%	0.98%	6.54%
B:			
Return Before Taxes	(16.44)%	1.65%	8.13%
C:			
Return Before Taxes	(13.07)%	1.98%	7.99%
F:			
Return Before Taxes	(13.57)%	2.29%	8.43%
R:			
Return Before Taxes	(11.86)%	2.57%	8.60%
IS:			
Return Before Taxes	(11.48)%	3.01%	8.99%
Russell 1000[®] Value Index¹ (reflects no deduction for fees, expenses or taxes)	(8.27)%	5.95%	11.18%
Morningstar Large Value Funds Average²	(8.53)%	5.37%	10.91%

1 *The Russell 1000[®] Value Index measures the performance of the large-cap value segment of the U.S. equity universe.*

2 *Morningstar figures represent the average of the total returns reported by all the mutual funds designated by Morningstar as falling into the respective category indicated. They do not reflect sales charges.*

FUND MANAGEMENT

The Fund's Investment Adviser is Federated Equity Management Company of Pennsylvania.

John L. Nichol, CFA, Senior Portfolio Manager, has been the Fund's portfolio manager since October 2002.

Linda Bakhshian, CA and CPA, Senior Portfolio Manager, has been the Fund's portfolio manager since November 2009.

PURCHASE AND SALE OF FUND SHARES

Class B Shares are closed to new investments by new investors and existing shareholders (excluding reinvestment of dividends and capital gains). Reinvestment of dividends and capital gains will continue uninterrupted. Class B Shares of the Fund may be exchanged for Class B Shares of any other Federated fund.

Please disregard any further references to purchases of Class B Shares with the exception of Class B Share exchanges.

You may purchase, redeem or exchange Shares of the Fund on any day the New York Stock Exchange is open. Shares may be purchased through a financial intermediary firm that has entered into a Fund selling and/or servicing agreement with the Distributor or an affiliate (“Financial Intermediary”) or directly from the Fund, by wire or by check. Please note that certain purchase restrictions may apply. Redeem or exchange Shares through a financial intermediary or directly from the Fund by telephone at 1-800-341-7400 or by mail.

A, B, C & F Classes

The minimum investment amount for the Fund’s A, B, C and F classes is generally \$1,500 for initial investments and \$100 for subsequent investments. The minimum initial and subsequent investment amounts for Individual Retirement Accounts are generally \$250 and \$100, respectively. There is no minimum initial or subsequent investment amount for employer-sponsored retirement plans. Certain types of accounts are eligible for lower minimum investments. The minimum investment for Systematic Investment Programs is \$50.

R Class

The minimum initial and subsequent investment amounts for Individual Retirement Account rollovers into the Fund’s R class are generally \$250 and \$100, respectively. There is no minimum initial or subsequent amount for employer-sponsored retirement plans. Certain types of accounts are eligible for lower minimum investments. The minimum investment amount for Systematic Investment Programs is \$50.

IS Class

The minimum initial investment amount for the Fund’s IS class is generally \$1,000,000 and there is no minimum subsequent investment amount. Certain types of accounts are eligible for lower minimum investments. The minimum investment amount for Systematic Investment Programs is \$50.

TAX INFORMATION

The Fund’s distributions are taxable as ordinary income or capital gains except when your investment is through a 401(k) plan, an Individual Retirement Account or other tax-advantaged investment plan.

PAYMENTS TO BROKER-DEALERS AND OTHER FINANCIAL INTERMEDIARIES

If you purchase the Fund through a broker-dealer or other financial intermediary (such as a bank), the Fund and/or its related companies may pay the intermediary for the sale of Fund Shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your financial intermediary’s website for more information.



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Contact us at **FederatedInvestors.com**
or call 1-800-341-7400.

Federated Securities Corp., Distributor

Investment Company Act File No. 811-4743

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