

# CONNECTICUT ECONOMIC RESOURCE

## Screens Summary (Data as of 12-31-2019)

⊖ Fund Removed from Approved List    ⚠ Fund on Watch List

| Name  | Ticker | Asset Class                  | Trailing Performance and Risk |                      |                      |                    | Management    |                   |                | Style  |               | Expense      |               |              |               |  |
|---|--------|------------------------------|-------------------------------|----------------------|----------------------|--------------------|---------------|-------------------|----------------|--------|---------------|--------------|---------------|--------------|---------------|--|
|   |        |                              | 1 Yr                          | 3 Yr                 | 5 Yr                 | 10 Yr              | Pass/<br>Fail | Std Dev<br>3 Yr % | Beta 3<br>Yr % | Tenure | Pass/<br>Fail | Style<br>Box | Pass/<br>Fail | Exp<br>Ratio | Pass/<br>Fail |  |
| <b>US Stock</b>   |        |                              |                               |                      |                      |                    |               |                   |                |        |               |              |               |              |               |  |
| JPMorgan US Equity R6<br><i>percentile rank</i><br><i># of funds in category</i>                    | JUEMX  | Large Blend                  | 32.28<br>14<br>1,394          | 14.87<br>29<br>1,210 | 11.15<br>28<br>1,065 | —<br>—<br>815      | ✔             | 13.20             | 1.08           | 19.01  | ✔             | ⊠            | ✖             | 0.44         | ✔             |  |
| Fidelity® Contrafund®<br><i>percentile rank</i><br><i># of funds in category</i>                    | FCNTX  | Large Growth                 | 29.98<br>70<br>1,363          | 18.92<br>43<br>1,230 | 13.10<br>39<br>1,098 | 13.96<br>40<br>822 | ✔             | 13.85             | 1.02           | 29.31  | ✔             | ⊠            | ✔             | 0.81         | ✔             |  |
| American Funds Washington Mutual R6<br><i>percentile rank</i><br><i># of funds in category</i>      | RWMGX  | Large Value                  | 25.93<br>82<br>1,394          | 13.90<br>49<br>1,210 | 10.96<br>35<br>1,065 | 13.09<br>28<br>815 | ✔             | 10.28             | 0.83           | 22.52  | ✔             | ⊠            | ✔             | 0.29         | ✔             |  |
| Vanguard Mid Cap Index Admiral<br><i>percentile rank</i><br><i># of funds in category</i>           | VIMAX  | Mid-Cap Blend                | 31.03<br>13<br>404            | 12.36<br>11<br>361   | 9.25<br>17<br>292    | 13.08<br>7<br>220  | ✔             | 13.00             | 0.99           | 21.63  | ✔             | ⊠            | ✔             | 0.05         | ✔             |  |
| Wells Fargo Small Company Growth Inst<br><i>percentile rank</i><br><i># of funds in category</i>    | WSCGX  | Small Growth                 | 26.46<br>55<br>642            | 13.70<br>51<br>574   | 8.65<br>71<br>509    | 13.94<br>28<br>383 | ✔             | 17.42             | 1.03           | 25.15  | ✔             | ⊠            | ✔             | 0.95         | ✔             |  |
| Vanguard Small Cap Value Index Admiral<br><i>percentile rank</i><br><i># of funds in category</i>   | VSIAX  | Small Value                  | 22.76<br>35<br>419            | 6.40<br>15<br>387    | 7.46<br>18<br>346    | —<br>—<br>237      | ✔             | 15.00             | 0.93           | 3.68   | ✔             | ⊠            | ✖             | 0.07         | ✔             |  |
| <b>Non-US Stock</b>   |        |                              |                               |                      |                      |                    |               |                   |                |        |               |              |               |              |               |  |
| American Funds New World R6<br><i>percentile rank</i><br><i># of funds in category</i>              | RNWXG  | Diversified<br>Emerging Mkts | 28.03<br>9<br>832             | 14.46<br>10<br>711   | 8.10<br>6<br>577     | 6.76<br>1<br>243   | ✔             | 11.26             | 0.74           | 20.55  | ✔             | ⊠            | ✔             | 0.61         | ✔             |  |
| American Funds Europacific Growth R6<br><i>percentile rank</i><br><i># of funds in category</i>     | REGGX  | Foreign Large<br>Blend       | 27.40<br>59<br>469            | 12.45<br>47<br>405   | 7.41<br>44<br>338    | 6.73<br>55<br>249  | ✔             | 12.25             | 1.07           | 18.59  | ✔             | ⊠            | ✔             | 0.49         | ✔             |  |
| Vanguard Developed Markets Index Admiral<br><i>percentile rank</i><br><i># of funds in category</i> | VTMGX  | Foreign Large<br>Blend Index | 22.05<br>42<br>736            | 9.69<br>38<br>632    | 6.18<br>21<br>498    | 5.74<br>26<br>377  | ✔             | 11.40             | 0.98           | 6.86   | ✔             | ⊠            | ✔             | 0.07         | ✔             |  |
| <b>Alternative</b>  |        |                              |                               |                      |                      |                    |               |                   |                |        |               |              |               |              |               |  |
| American Century Real Estate I<br><i>percentile rank</i><br><i># of funds in category</i>           | REAIX  | Real Estate                  | 30.94<br>15<br>259            | 9.52<br>31<br>224    | 7.45<br>30<br>200    | 12.40<br>12<br>138 | ✔             | 11.52             | 0.91           | 11.13  | ✔             | —            | ✖             | 0.96         | ✔             |  |
| <b>Fixed Income</b>   |        |                              |                               |                      |                      |                    |               |                   |                |        |               |              |               |              |               |  |
| ⚠ PIMCO Real Return I2<br><i>percentile rank</i><br><i># of funds in category</i>                   | PRLPX  | Inflation-<br>Protected Bond | 8.41<br>25<br>221             | 3.30<br>18<br>194    | 2.36<br>35<br>163    | 3.29<br>18<br>104  | ✔             | 2.87              | 0.93           | 0.98   | ✖             | —            | —             | 1.08         | ✖             |  |

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## Screens Summary (Data as of 12-31-2019)

⊖ Fund Removed from Approved List    ⚠ Fund on Watch List


| Name  | Ticker | Asset Class            | Trailing Performance and Risk |                   |                   |                   | Management    |                   |                | Style  |               | Expense      |               |              |               |
|---|--------|------------------------|-------------------------------|-------------------|-------------------|-------------------|---------------|-------------------|----------------|--------|---------------|--------------|---------------|--------------|---------------|
|   |        |                        | 1 Yr                          | 3 Yr              | 5 Yr              | 10 Yr             | Pass/<br>Fail | Std Dev<br>3 Yr % | Beta 3<br>Yr % | Tenure | Pass/<br>Fail | Style<br>Box | Pass/<br>Fail | Exp<br>Ratio | Pass/<br>Fail |
| Metropolitan West Total Return Bd I<br><i>percentile rank</i><br><i># of funds in category</i>      | MWITX  | Intermediate-Term Bond | 9.09<br>56<br>613             | 4.16<br>47<br>530 | 3.03<br>62<br>444 | 4.98<br>14<br>332 | ✔             | 2.87              | 0.98           | 22.77  | ✔             | —            | —             | 0.44         | ✔             |
| PIMCO Income I2<br><i>percentile rank</i><br><i># of funds in category</i>                          | PONPX  | Multisector Bond       | 7.94<br>79<br>302             | 5.57<br>22<br>265 | 5.55<br>7<br>223  | 8.66<br>1<br>120  | ✔             | 1.92              | 0.21           | 12.76  | ✔             | —            | —             | 1.15         | ✔             |
| Federated Government Ultrashrt Dur Instl<br><i>percentile rank</i><br><i># of funds in category</i> | FGUSX  | Ultrashort Bond        | 2.14<br>94<br>201             | 1.69<br>86<br>161 | 1.11<br>87<br>130 | 0.76<br>79<br>62  | ⊕             | 0.25              | 0.03           | 22.49  | ✔             | —            | —             | 0.26         | ✔             |





| Target Date  |       |             |                    |                   |                   |                  |   |       |      |       |   |   |   |      |   |
|--|-------|-------------|--------------------|-------------------|-------------------|------------------|---|-------|------|-------|---|---|---|------|---|
| American Funds 2010 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFITX | Target Date | 13.88<br>56<br>134 | 7.03<br>31<br>96  | 5.49<br>17<br>83  | 7.06<br>8<br>62  | ✔ | 4.43  | 0.94 | 12.92 | ✔ | — | ✔ | 0.31 | ✔ |
| American Funds 2015 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFJTX | Target Date | 14.94<br>62<br>128 | 7.53<br>35<br>99  | 5.85<br>30<br>73  | 7.51<br>5<br>47  | ✔ | 4.86  | 0.93 | 12.92 | ✔ | — | ✔ | 0.31 | ✔ |
| American Funds 2020 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RRCTX | Target Date | 15.59<br>69<br>234 | 8.28<br>27<br>199 | 6.37<br>17<br>157 | 8.17<br>2<br>93  | ✔ | 5.30  | 0.91 | 12.92 | ✔ | — | ✔ | 0.31 | ✔ |
| American Funds 2025 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFDTX | Target Date | 17.85<br>68<br>233 | 9.47<br>20<br>197 | 7.12<br>5<br>158  | 9.15<br>1<br>83  | ✔ | 6.45  | 0.97 | 12.92 | ✔ | — | ✔ | 0.33 | ✔ |
| American Funds 2030 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFETX | Target Date | 20.06<br>60<br>242 | 10.86<br>4<br>207 | 8.07<br>1<br>165  | 9.88<br>1<br>95  | ✔ | 7.68  | 0.99 | 12.92 | ✔ | — | ✔ | 0.35 | ✔ |
| American Funds 2035 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFFTX | Target Date | 23.29<br>21<br>230 | 12.28<br>1<br>194 | 8.99<br>1<br>155  | 10.34<br>1<br>80 | ✔ | 9.14  | 1.02 | 12.92 | ✔ | — | ✔ | 0.37 | ✔ |
| American Funds 2040 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFCTX | Target Date | 24.40<br>28<br>242 | 12.76<br>1<br>207 | 9.30<br>1<br>165  | 10.54<br>1<br>95 | ✔ | 9.66  | 0.97 | 12.92 | ✔ | — | ✔ | 0.38 | ✔ |
| American Funds 2045 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFHTX | Target Date | 24.68<br>51<br>230 | 12.96<br>2<br>194 | 9.45<br>1<br>155  | 10.62<br>1<br>79 | ✔ | 9.89  | 0.95 | 12.92 | ✔ | — | ✔ | 0.38 | ✔ |
| American Funds 2050 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFITX | Target Date | 25.04<br>43<br>242 | 13.11<br>2<br>207 | 9.55<br>1<br>165  | 10.68<br>1<br>77 | ✔ | 10.02 | 0.95 | 12.92 | ✔ | — | ✔ | 0.39 | ✔ |
| American Funds 2055 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFKTX | Target Date | 25.09<br>45<br>230 | 13.11<br>2<br>192 | 9.54<br>1<br>150  | —<br>—<br>15     | ✔ | 10.05 | 0.95 | 9.92  | ✔ | — | ✔ | 0.40 | ✔ |
| American Funds 2060 Trgt Date Retire R6<br><i>percentile rank</i><br><i># of funds in category</i> | RFUTX | Target Date | 25.01<br>60<br>216 | 13.05<br>3<br>147 | —<br>—<br>34      | —<br>—<br>—      | ✔ | 10.02 | 0.94 | 4.77  | ✔ | — | ✔ | 0.41 | ✔ |

# CONNECTICUT ECONOMIC RESOURCE

## Screens Summary (Data as of 12-31-2019)

 Fund Removed from Approved List

 Fund on Watch List

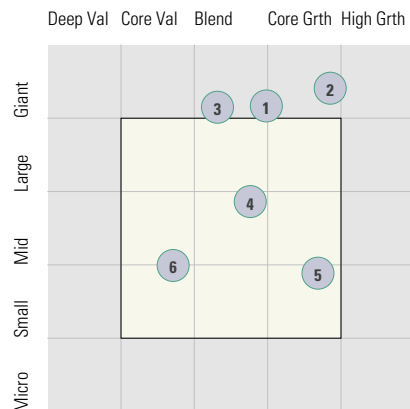
| Name                                | Ticker | Asset Class         | Trailing Performance and Risk |       |      |       | Management  |                   |                | Style  |   | Expense      |   |              |   |
|-------------------------------------|--------|---------------------|-------------------------------|-------|------|-------|---|-------------------|----------------|--------|---|--------------|---|--------------|---|
|                                     |        |                     | 1 Yr                          | 3 Yr  | 5 Yr | 10 Yr | Pass/<br>Fail   | Std Dev<br>3 Yr % | Beta 3<br>Yr % | Tenure | Pass/<br>Fail   | Style<br>Box | Pass/<br>Fail   | Exp<br>Ratio | Pass/<br>Fail   |
| <b>Balanced</b>                     |        |                     |                               |       |      |       |   |                   |                |        |   |              |   |              |   |
| American Funds American Balanced R6 | RLBGX  | Moderate Allocation | 19.55                         | 10.56 | 8.47 | 10.48 |  | 7.00              | 1.01           | 21.01  |  | —            |  | 0.28         |  |
| <i>percentile rank</i>              |        |                     | 48                            | 12    | 6    | 5     |   |                   |                |        |   |              |   |              |   |
| <i># of funds in category</i>       |        |                     | 699                           | 644   | 571  | 420   |   |                   |                |        |   |              |   |              |   |

# CONNECTICUT ECONOMIC RESOURCE

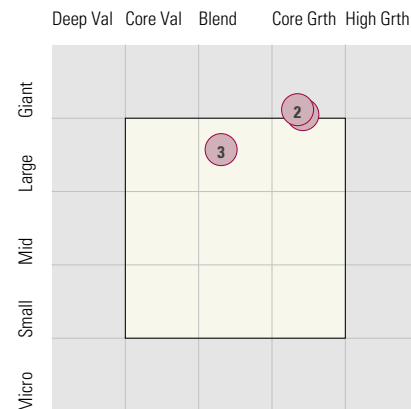
## Style Analysis (Data as of 12-31-2019)

### Style Analysis

Morningstar Style Box US Stock



Morningstar Style Box Non-US Stock



**US Stock Funds**

| Fund                                     | Category      | Super Sectors % |           |           | Asset Allocation % |          |         | Avg Mkt Cap M\$ |
|--|---------------|-----------------|-----------|-----------|--------------------|----------|---------|-----------------|
|  |               | Cyclical        | Defensive | Sensitive | Cash               | US Stock | Foreign |                 |
| 1 JPMorgan US Equity R6                  | Large Blend   | 29.75           | 25.19     | 45.05     | 0.63               | 96.84    | 2.53    | 66.96           |
| 2 Fidelity® Contrafund®                  | Large Growth  | 36.49           | 17.55     | 45.95     | 0.05               | 91.84    | 7.32    | 72.75           |
| 3 American Funds Washington Mutual R6    | Large Value   | 28.19           | 25.23     | 46.59     | 3.72               | 87.81    | 8.16    | 92.42           |
| 4 Vanguard Mid Cap Index Admiral         | Mid-Cap Blend | 39.14           | 21.90     | 38.96     | 0.77               | 97.44    | 1.78    | 10.75           |
| 5 Wells Fargo Small Company Growth Inst  | Small Growth  | 25.87           | 29.63     | 44.51     | 1.81               | 89.51    | 2.71    | 1.82            |
| 6 Vanguard Small Cap Value Index Admiral | Small Value   | 52.45           | 15.12     | 32.43     | 1.38               | 97.50    | 1.11    | 2.79            |

**Non-US Stock Funds**

| Fund                                       | Category                  | Super Sectors % |           |           | Regional Exposure % |              |                | Market Maturity % |       |                 |
|--|---------------------------|-----------------|-----------|-----------|---------------------|--------------|----------------|-------------------|-------|-----------------|
|  |                           | Cyclical        | Defensive | Sensitive | Americas            | Greater Asia | Greater Europe | Developed         | EM%   | Avg Mkt Cap M\$ |
| 1 American Funds New World R6              | Diversified Emerging Mkts | 39.95           | 20.19     | 39.88     | 35.13               | 39.84        | 25.04          | 59.32             | 40.68 | 20.17           |
| 2 American Funds Europacific Growth R6     | Foreign Large Blend       | 40.93           | 20.70     | 38.37     | 11.55               | 47.62        | 40.81          | 71.76             | 28.24 | 39.57           |
| 3 Vanguard Developed Markets Index Admiral | Foreign Large Blend Index | 40.27           | 23.69     | 36.05     | 9.63                | 36.45        | 53.91          | 98.88             | 1.12  | 30.79           |

**Fixed Income Funds**

| Fund                                       | Category                 | Super Sectors % |       |           |        | Other Stats | Credit Quality % |           |                 |
|--|--------------------------|-----------------|-------|-----------|--------|-------------|------------------|-----------|-----------------|
|  |                          | US Govt Debt    | Mtg   | US Credit | Non US |             | Avg Eff Duration | Inv Grade | Below Inv Grade |
| 1 PIMCO Real Return I2                     | Inflation-Protected Bond | 64.93           | 10.67 | 5.24      | 0.00   | 7.63        | 97.00            | 3.00      | 0.00            |
| 2 Metropolitan West Total Return Bd I      | Intermediate-Term Bond   | 30.54           | 32.47 | 26.87     | 0.00   | 5.75        | 94.63            | 5.36      | 0.01            |
| 3 PIMCO Income I2                          | Multisector Bond         | 23.47           | 13.75 | 18.66     | 0.00   | 0.41        | 81.00            | 19.00     | 0.00            |
| 4 Federated Government Ultrashrt Dur Instl | Ultrashort Bond          | 15.26           | 56.99 | 0.00      | 0.00   | 0.38        | 100.00           | 0.00      | 0.00            |

# CONNECTICUT ECONOMIC RESOURCE

## Target Date Analysis (Data as of 12-31-2019)

### Target Date Allocation

● Stocks ● Cash ● Bonds ● Other



### Target Date Portfolio Data

#### Asset Allocation %

|   | Total Stock | US Stock | Non-US Stock | Total Bond | Infl Prot Bond | HY Bond | Cash | Other | Avg Mkt Cap \$M |
|---|-------------|----------|--------------|------------|----------------|---------|------|-------|-----------------|
| American Funds 2010 Trgt Date Retire R6 | 38.23       | 26.71    | 11.52        | 53.65      | 13.92          | 5.03    | 7.26 | 0.87  | 61.97           |
| American Funds 2015 Trgt Date Retire R6 | 42.86       | 29.93    | 12.93        | 49.33      | 14.77          | 4.99    | 6.97 | 0.83  | 60.10           |
| American Funds 2020 Trgt Date Retire R6 | 45.02       | 32.10    | 12.92        | 47.25      | 15.02          | 4.57    | 6.93 | 0.80  | 54.76           |
| American Funds 2025 Trgt Date Retire R6 | 54.53       | 37.01    | 17.52        | 38.10      | 14.42          | 0.94    | 6.68 | 0.68  | 47.62           |
| American Funds 2030 Trgt Date Retire R6 | 63.77       | 42.91    | 20.86        | 28.93      | 14.79          | 0.79    | 6.70 | 0.60  | 45.00           |
| American Funds 2035 Trgt Date Retire R6 | 77.26       | 50.82    | 26.44        | 15.99      | 12.24          | 0.32    | 6.23 | 0.51  | 43.38           |
| American Funds 2040 Trgt Date Retire R6 | 81.79       | 53.77    | 28.02        | 11.16      | 4.11           | 0.29    | 6.57 | 0.47  | 43.20           |
| American Funds 2045 Trgt Date Retire R6 | 83.14       | 54.69    | 28.45        | 9.80       | 4.03           | 0.20    | 6.55 | 0.51  | 43.56           |
| American Funds 2050 Trgt Date Retire R6 | 84.49       | 56.16    | 28.33        | 8.48       | 4.05           | 0.12    | 6.55 | 0.48  | 43.58           |
| American Funds 2055 Trgt Date Retire R6 | 84.48       | 56.15    | 28.33        | 8.49       | 4.05           | 0.12    | 6.55 | 0.48  | 43.54           |
| American Funds 2060 Trgt Date Retire R6 | 84.50       | 56.16    | 28.34        | 8.49       | 4.05           | 0.12    | 6.55 | 0.48  | —               |