

Application Instructions for 2018 Treasury Income Table Information (1099-DIV)

Calculation: Fund's % x Form 1099-DIV Box 1 = Form 1099-DIV Treasury Income

Note: Only one of the three percentages provided (for each fund) is used in the calculation, which is dependent upon the Application Instructions for 2018 Treasury Income Table Information.

Table 1: This table should be used for shareholders with a residence in:

Delaware, Indiana, Kansas, Maine, New Hampshire, and North Carolina.

Table 2: This should be used for shareholders with a residence in:

ALL STATES EXCEPT Delaware, Indiana, Kansas, Maine, New Hampshire, North Carolina, and Tennessee.

Table 3: This should be used for shareholders with a residence in Tennessee.

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|--------------------------------------|-----------|---------|---------|---------|
| Absolute Return 500 Fund®-A | 0060 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-B | 0260 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-C | 0460 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-M | 0660 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-P | 5022 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-R | 0860 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-R6 | 8860 | 3.84 | 3.84 | 30.12 |
| Absolute Return 500 Fund®-Y | 1860 | 3.84 | 3.84 | 30.12 |
| American Government Income Fund-A | 0018 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-B | 0218 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-C | 0418 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-M | 0618 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-R | 0818 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-R5 | 7818 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-R6 | 8818 | 21.34 | 21.34 | 24.02 |
| American Government Income Fund-Y | 1818 | 21.34 | 21.34 | 24.02 |
| AMT-Free Municipal Fund Cl-A | 0039 | 0.00 | 0.00 | 0.00 |
| AMT-Free Municipal Fund Cl-B | 0239 | 0.00 | 0.00 | 0.00 |
| AMT-Free Municipal Fund Cl-C | 0439 | 0.00 | 0.00 | 0.00 |
| AMT-Free Municipal Fund Cl-M | 0639 | 0.00 | 0.00 | 0.00 |
| AMT-Free Municipal Fund Cl-R6 | 8839 | 0.00 | 0.00 | 0.00 |
| AMT-Free Municipal Fund Cl-Y | 1839 | 0.00 | 0.00 | 0.00 |
| California Tax Exempt Income Fund-A | 0015 | 0.00 | 0.93 | 0.93 |
| California Tax Exempt Income Fund-B | 0215 | 0.00 | 0.93 | 0.93 |
| California Tax Exempt Income Fund-C | 0415 | 0.00 | 0.93 | 0.93 |
| California Tax Exempt Income Fund-M | 0615 | 0.00 | 0.93 | 0.93 |
| California Tax Exempt Income Fund-R6 | 8815 | 0.00 | 0.93 | 0.93 |
| California Tax Exempt Income Fund-Y | 1815 | 0.00 | 0.93 | 0.93 |
| Capital Opportunities Fund-A | 0054 | 0.01 | 0.01 | 0.41 |
| Capital Opportunities Fund-B | 0254 | 0.01 | 0.01 | 0.41 |
| Capital Opportunities Fund-C | 0454 | 0.01 | 0.01 | 0.41 |
| Capital Opportunities Fund-M | 0654 | 0.01 | 0.01 | 0.41 |
| Capital Opportunities Fund-R | 0854 | 0.01 | 0.01 | 0.41 |
| Capital Opportunities Fund-R6 | 8854 | 0.01 | 0.01 | 0.41 |
| Capital Opportunities Fund-Y | 1854 | 0.01 | 0.01 | 0.41 |
| Convertible Securities Fund-A | 0007 | 0.00 | 0.00 | 2.95 |
| Convertible Securities Fund-B | 0207 | 0.00 | 0.00 | 2.95 |
| Convertible Securities Fund-C | 0407 | 0.00 | 0.00 | 2.95 |
| Convertible Securities Fund-I | 6407 | 0.00 | 0.00 | 2.95 |
| Convertible Securities Fund-M | 0607 | 0.00 | 0.00 | 2.95 |
| Convertible Securities Fund-R | 0807 | 0.00 | 0.00 | 2.95 |

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|-----------------------------------------------|-----------|---------|---------|---------|
| Convertible Securities Fund-R6 | 8807 | 0.00 | 0.00 | 2.95 |
| Convertible Securities Fund-Y | 1807 | 0.00 | 0.00 | 2.95 |
| Diversified Income Trust-A | 0022 | 1.66 | 1.66 | 5.34 |
| Diversified Income Trust-B | 0222 | 1.66 | 1.66 | 5.34 |
| Diversified Income Trust-C | 0422 | 1.66 | 1.66 | 5.34 |
| Diversified Income Trust-M | 0622 | 1.66 | 1.66 | 5.34 |
| Diversified Income Trust-R | 0822 | 1.66 | 1.66 | 5.34 |
| Diversified Income Trust-R6 | 8822 | 1.66 | 1.66 | 5.34 |
| Diversified Income Trust-Y | 1822 | 1.66 | 1.66 | 5.34 |
| Dynamic Asset Allocation Balanced Fund-A | 0041 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-B | 0241 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-C | 0441 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-M | 0641 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-P | 5019 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-R | 0841 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-R5 | 7841 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-R6 | 8841 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Balanced Fund-Y | 1841 | 0.28 | 0.28 | 5.20 |
| Dynamic Asset Allocation Conservative Fund-A | 0042 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-B | 0242 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-C | 0442 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-M | 0642 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-P | 5020 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-R | 0842 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-R5 | 7842 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-R6 | 8842 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Conservative Fund-Y | 1842 | 0.61 | 0.61 | 7.40 |
| Dynamic Asset Allocation Equity Fund-A | 0071 | 0.17 | 0.17 | 6.22 |
| Dynamic Asset Allocation Equity Fund-P | 5026 | 0.17 | 0.17 | 6.22 |
| Dynamic Asset Allocation Growth Fund-A | 0043 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-B | 0243 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-C | 0443 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-M | 0643 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-P | 5021 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-R | 0843 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-R5 | 7843 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-R6 | 8843 | 0.41 | 0.41 | 4.87 |
| Dynamic Asset Allocation Growth Fund-Y | 1843 | 0.41 | 0.41 | 4.87 |
| Dynamic Risk Allocation Fund-A | 0079 | 1.78 | 1.78 | 7.45 |
| Dynamic Risk Allocation Fund-B | 0279 | 1.78 | 1.78 | 7.45 |
| Dynamic Risk Allocation Fund-C | 0479 | 1.78 | 1.78 | 7.45 |
| Dynamic Risk Allocation Fund-M | 0679 | 1.78 | 1.78 | 7.45 |
| Dynamic Risk Allocation Fund-R | 0879 | 1.78 | 1.78 | 7.45 |
| Dynamic Risk Allocation Fund-R6 | 8879 | 1.78 | 1.78 | 7.45 |
| Dynamic Risk Allocation Fund-Y | 1879 | 1.78 | 1.78 | 7.45 |
| Emerging Markets Equity Fund-A | 0059 | 0.00 | 0.00 | 2.50 |
| Emerging Markets Equity Fund-R6 | 8859 | 0.00 | 0.00 | 2.50 |
| Emerging Markets Equity Fund-Y | 1859 | 0.00 | 0.00 | 2.50 |
| Emerging Markets Income Fund-A | 0082 | 0.04 | 0.04 | 1.64 |
| Emerging Markets Income Fund-B | 0282 | 0.04 | 0.04 | 1.64 |
| Emerging Markets Income Fund-C | 0482 | 0.04 | 0.04 | 1.64 |
| Emerging Markets Income Fund-M | 0682 | 0.04 | 0.04 | 1.64 |
| Emerging Markets Income Fund-Y | 1882 | 0.04 | 0.04 | 1.64 |
| Equity Income Fund-A | 0010 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-B | 0210 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-C | 0410 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-M | 0610 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-R | 0810 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-R5 | 7810 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-R6 | 8810 | 0.04 | 0.04 | 1.97 |
| Equity Income Fund-Y | 1810 | 0.04 | 0.04 | 1.97 |
| Europe Equity Fund-A | 0032 | 0.17 | 0.17 | 0.99 |
| Europe Equity Fund-B | 0232 | 0.17 | 0.17 | 0.99 |
| Europe Equity Fund-C | 0432 | 0.17 | 0.17 | 0.99 |

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|--------------------------------------|------------------|----------------|----------------|----------------|
| Europe Equity Fund-M | 0632 | 0.17 | 0.17 | 0.99 |
| Europe Equity Fund-R | 0832 | 0.17 | 0.17 | 0.99 |
| Europe Equity Fund-R6 | 8832 | 0.17 | 0.17 | 0.99 |
| Europe Equity Fund-Y | 1832 | 0.17 | 0.17 | 0.99 |
| Fixed Income Absolute Return Fund-A | 0064 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-B | 0264 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-C | 0464 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-M | 0664 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-P | 5025 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-R | 0864 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-R6 | 8864 | 1.22 | 1.22 | 6.56 |
| Fixed Income Absolute Return Fund-Y | 1864 | 1.22 | 1.22 | 6.56 |
| Floating Rate Income Fund-A | 0057 | 0.00 | 0.00 | 2.26 |
| Floating Rate Income Fund-B | 0257 | 0.00 | 0.00 | 2.26 |
| Floating Rate Income Fund-C | 0457 | 0.00 | 0.00 | 2.26 |
| Floating Rate Income Fund-M | 0657 | 0.00 | 0.00 | 2.26 |
| Floating Rate Income Fund-R | 0857 | 0.00 | 0.00 | 2.26 |
| Floating Rate Income Fund-R6 | 8857 | 0.00 | 0.00 | 2.26 |
| Floating Rate Income Fund-Y | 1857 | 0.00 | 0.00 | 2.26 |
| George Putnam Balanced Fund-A | 0002 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-B | 0202 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-C | 0402 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-M | 0602 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-R | 0802 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-R5 | 7802 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-R6 | 8802 | 5.48 | 5.48 | 8.05 |
| George Putnam Balanced Fund-Y | 1802 | 5.48 | 5.48 | 8.05 |
| Global Communications Fund-A | 0070 | 0.00 | 0.00 | 2.43 |
| Global Communications Fund-B | 0270 | 0.00 | 0.00 | 2.43 |
| Global Communications Fund-M | 0670 | 0.00 | 0.00 | 2.43 |
| Global Communications Fund-R | 0870 | 0.00 | 0.00 | 2.43 |
| Global Communications Fund-Y | 1870 | 0.00 | 0.00 | 2.43 |
| Global Financials Fund-A | 0067 | 0.00 | 0.00 | 1.08 |
| Global Financials Fund-B | 0267 | 0.00 | 0.00 | 1.08 |
| Global Financials Fund-C | 0467 | 0.00 | 0.00 | 1.08 |
| Global Financials Fund-R | 0867 | 0.00 | 0.00 | 1.08 |
| Global Financials Fund-Y | 1867 | 0.00 | 0.00 | 1.08 |
| Global Health Care Fund-A | 0013 | 0.11 | 0.11 | 1.02 |
| Global Health Care Fund-B | 0213 | 0.11 | 0.11 | 1.02 |
| Global Health Care Fund-C | 0413 | 0.11 | 0.11 | 1.02 |
| Global Health Care Fund-M | 0613 | 0.11 | 0.11 | 1.02 |
| Global Health Care Fund-R | 0813 | 0.11 | 0.11 | 1.02 |
| Global Health Care Fund-Y | 1813 | 0.11 | 0.11 | 1.02 |
| Global Income Trust-A | 0020 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-B | 0220 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-C | 0420 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-M | 0620 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-R | 0820 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-R5 | 7820 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-R6 | 8820 | 1.57 | 1.57 | 3.95 |
| Global Income Trust-Y | 1820 | 1.57 | 1.57 | 3.95 |
| Global Natural Resources Fund-A | 0012 | 0.22 | 0.22 | 0.95 |
| Global Natural Resources Fund-B | 0212 | 0.22 | 0.22 | 0.95 |
| Global Natural Resources Fund-C | 0412 | 0.22 | 0.22 | 0.95 |
| Global Natural Resources Fund-M | 0612 | 0.22 | 0.22 | 0.95 |
| Global Natural Resources Fund-R | 0812 | 0.22 | 0.22 | 0.95 |
| Global Natural Resources Fund-Y | 1812 | 0.22 | 0.22 | 0.95 |
| Global Sector Fund-A | 0075 | 0.00 | 0.00 | 0.00 |
| Global Sector Fund-B | 0275 | 0.00 | 0.00 | 0.00 |
| Global Sector Fund-C | 0475 | 0.00 | 0.00 | 0.00 |
| Global Sector Fund-M | 0675 | 0.00 | 0.00 | 0.00 |
| Global Sector Fund-R | 0875 | 0.00 | 0.00 | 0.00 |
| Global Sector Fund-Y | 1875 | 0.00 | 0.00 | 0.00 |
| Global Technology Fund-A | 0069 | 0.03 | 0.03 | 0.78 |
| Global Technology Fund-B | 0269 | 0.03 | 0.03 | 0.78 |

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|--------------------------------------------|-----------|---------|---------|---------|
| Global Technology Fund-C | 0469 | 0.03 | 0.03 | 0.78 |
| Global Technology Fund-M | 0669 | 0.03 | 0.03 | 0.78 |
| Global Technology Fund-R | 0869 | 0.03 | 0.03 | 0.78 |
| Global Technology Fund-R6 | 8869 | 0.03 | 0.03 | 0.78 |
| Global Technology Fund-Y | 1869 | 0.03 | 0.03 | 0.78 |
| Global Utilities Fund-A | 0033 | 0.05 | 0.05 | 0.98 |
| Global Utilities Fund-B | 0233 | 0.05 | 0.05 | 0.98 |
| Global Utilities Fund-C | 0433 | 0.05 | 0.05 | 0.98 |
| Global Utilities Fund-M | 0633 | 0.05 | 0.05 | 0.98 |
| Global Utilities Fund-R | 0833 | 0.05 | 0.05 | 0.98 |
| Global Utilities Fund-Y | 1833 | 0.05 | 0.05 | 0.98 |
| Government Money Market Fund-A | 0090 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-B | 0290 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-C | 0490 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-G | 5975 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-I | 6490 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-M | 0690 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-P | 5018 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-R | 0890 | 9.34 | 9.34 | 88.39 |
| Government Money Market Fund-T1 | 1890 | 9.34 | 9.34 | 88.39 |
| Growth Opportunities Fund-A | 0048 | 0.19 | 0.19 | 4.25 |
| Growth Opportunities Fund-R5 | 7848 | 0.19 | 0.19 | 4.25 |
| Growth Opportunities Fund-R6 | 8848 | 0.19 | 0.19 | 4.25 |
| Growth Opportunities Fund-Y | 1848 | 0.19 | 0.19 | 4.25 |
| High Income Securities | 5804 | 0.00 | 0.00 | 1.45 |
| High Yield Fund-A | 0019 | 0.01 | 0.01 | 1.01 |
| High Yield Fund-B | 0219 | 0.01 | 0.01 | 1.01 |
| High Yield Fund-C | 0419 | 0.01 | 0.01 | 1.01 |
| High Yield Fund-M | 0619 | 0.01 | 0.01 | 1.01 |
| High Yield Fund-R | 0819 | 0.01 | 0.01 | 1.01 |
| High Yield Fund-R6 | 8819 | 0.01 | 0.01 | 1.01 |
| High Yield Fund-Y | 1819 | 0.01 | 0.01 | 1.01 |
| Income Fund-A | 0003 | 1.43 | 1.43 | 7.64 |
| Income Fund-B | 0203 | 1.43 | 1.43 | 7.64 |
| Income Fund-C | 0403 | 1.43 | 1.43 | 7.64 |
| Income Fund-M | 0603 | 1.43 | 1.43 | 7.64 |
| Income Fund-R | 0803 | 1.43 | 1.43 | 7.64 |
| Income Fund-R5 | 7803 | 1.43 | 1.43 | 7.64 |
| Income Fund-R6 | 8803 | 1.43 | 1.43 | 7.64 |
| Income Fund-Y | 1803 | 1.43 | 1.43 | 7.64 |
| Intermediate-Term Municipal Income Fund-A | 0081 | 0.00 | 0.00 | 0.00 |
| Intermediate-Term Municipal Income Fund-B | 0281 | 0.00 | 0.00 | 0.00 |
| Intermediate-Term Municipal Income Fund-C | 0481 | 0.00 | 0.00 | 0.00 |
| Intermediate-Term Municipal Income Fund-M | 0681 | 0.00 | 0.00 | 0.00 |
| Intermediate-Term Municipal Income Fund-R6 | 8881 | 0.00 | 0.00 | 0.00 |
| Intermediate-Term Municipal Income Fund-Y | 1881 | 0.00 | 0.00 | 0.00 |
| International Equity Fund-A | 0035 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-B | 0235 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-C | 0435 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-M | 0635 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-R | 0835 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-R5 | 7835 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-R6 | 8835 | 0.20 | 0.20 | 1.20 |
| International Equity Fund-Y | 1835 | 0.20 | 0.20 | 1.20 |
| International Value Fund-A | 0051 | 0.09 | 0.09 | 0.60 |
| International Value Fund-B | 0251 | 0.09 | 0.09 | 0.60 |
| International Value Fund-C | 0451 | 0.09 | 0.09 | 0.60 |
| International Value Fund-M | 0651 | 0.09 | 0.09 | 0.60 |
| International Value Fund-R | 0851 | 0.09 | 0.09 | 0.60 |
| International Value Fund-R6 | 8851 | 0.09 | 0.09 | 0.60 |
| International Value Fund-Y | 1851 | 0.09 | 0.09 | 0.60 |
| Investors Fund-A | 0001 | 0.00 | 0.00 | 1.17 |
| Investors Fund-B | 0201 | 0.00 | 0.00 | 1.17 |
| Investors Fund-C | 0401 | 0.00 | 0.00 | 1.17 |

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|-----------------------------------------|-----------|---------|---------|---------|
| Investors Fund-M | 0601 | 0.00 | 0.00 | 1.17 |
| Investors Fund-R | 0801 | 0.00 | 0.00 | 1.17 |
| Investors Fund-R6 | 8801 | 0.00 | 0.00 | 1.17 |
| Investors Fund-Y | 1801 | 0.00 | 0.00 | 1.17 |
| Managed Municipal Income Trust | 5801 | 0.00 | 0.00 | 0.00 |
| Massachusetts Tax Exempt Income Fund-A | 0025 | 0.00 | 67.24 | 67.24 |
| Massachusetts Tax Exempt Income Fund-B | 0225 | 0.00 | 67.24 | 67.24 |
| Massachusetts Tax Exempt Income Fund-C | 0425 | 0.00 | 67.24 | 67.24 |
| Massachusetts Tax Exempt Income Fund-M | 0625 | 0.00 | 67.24 | 67.24 |
| Massachusetts Tax Exempt Income Fund-R6 | 8825 | 0.00 | 67.24 | 67.24 |
| Massachusetts Tax Exempt Income Fund-Y | 1825 | 0.00 | 67.24 | 67.24 |
| Master Intermediate Income Trust | 5807 | 1.64 | 1.64 | 3.59 |
| Minnesota Tax Exempt Income Fund-A | 0027 | 0.00 | 0.00 | 0.00 |
| Minnesota Tax Exempt Income Fund-B | 0227 | 0.00 | 0.00 | 0.00 |
| Minnesota Tax Exempt Income Fund-C | 0427 | 0.00 | 0.00 | 0.00 |
| Minnesota Tax Exempt Income Fund-M | 0627 | 0.00 | 0.00 | 0.00 |
| Minnesota Tax Exempt Income Fund-R6 | 8827 | 0.00 | 0.00 | 0.00 |
| Minnesota Tax Exempt Income Fund-Y | 1827 | 0.00 | 0.00 | 0.00 |
| Money Market Fund-A | 0008 | 0.38 | 0.38 | 30.70 |
| Money Market Fund-B | 0208 | 0.38 | 0.38 | 30.70 |
| Money Market Fund-C | 0408 | 0.38 | 0.38 | 30.70 |
| Money Market Fund-M | 0608 | 0.38 | 0.38 | 30.70 |
| Money Market Fund-R | 0808 | 0.38 | 0.38 | 30.70 |
| Money Market Fund-T1 | 1808 | 0.38 | 0.38 | 30.70 |
| Mortgage Opportunities Fund-I | 6486 | 2.40 | 2.40 | 14.76 |
| Mortgage Securities Fund-A | 0017 | 2.05 | 2.05 | 3.05 |
| Mortgage Securities Fund-B | 0217 | 2.05 | 2.05 | 3.05 |
| Mortgage Securities Fund-C | 0417 | 2.05 | 2.05 | 3.05 |
| Mortgage Securities Fund-M | 0617 | 2.05 | 2.05 | 3.05 |
| Mortgage Securities Fund-R | 0817 | 2.05 | 2.05 | 3.05 |
| Mortgage Securities Fund-R6 | 8817 | 2.05 | 2.05 | 3.05 |
| Mortgage Securities Fund-Y | 1817 | 2.05 | 2.05 | 3.05 |
| Multi-Asset Absolute Return Fund-A | 0061 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-B | 0261 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-C | 0461 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-M | 0661 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-P | 5023 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-R | 0861 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-R6 | 8861 | 3.38 | 3.38 | 21.36 |
| Multi-Asset Absolute Return Fund-Y | 1861 | 3.38 | 3.38 | 21.36 |
| Multi-Cap Core Fund-A | 0076 | 0.08 | 0.08 | 2.82 |
| Multi-Cap Core Fund-B | 0276 | 0.08 | 0.08 | 2.82 |
| Multi-Cap Core Fund-C | 0476 | 0.08 | 0.08 | 2.82 |
| Multi-Cap Core Fund-M | 0676 | 0.08 | 0.08 | 2.82 |
| Multi-Cap Core Fund-R | 0876 | 0.08 | 0.08 | 2.82 |
| Multi-Cap Core Fund-R6 | 8876 | 0.08 | 0.08 | 2.82 |
| Multi-Cap Core Fund-Y | 1876 | 0.08 | 0.08 | 2.82 |
| Municipal Opportunities Trust | 5814 | 0.00 | 0.00 | 0.00 |
| New Jersey Tax Exempt Income Fund-A | 0029 | 0.00 | 0.00 | 0.00 |
| New Jersey Tax Exempt Income Fund-B | 0229 | 0.00 | 0.00 | 0.00 |
| New Jersey Tax Exempt Income Fund-C | 0429 | 0.00 | 0.00 | 0.00 |
| New Jersey Tax Exempt Income Fund-M | 0629 | 0.00 | 0.00 | 0.00 |
| New Jersey Tax Exempt Income Fund-R6 | 8829 | 0.00 | 0.00 | 0.00 |
| New Jersey Tax Exempt Income Fund-Y | 1829 | 0.00 | 0.00 | 0.00 |
| New York Tax Exempt Income Fund-A | 0016 | 0.00 | 58.61 | 58.61 |
| New York Tax Exempt Income Fund-B | 0216 | 0.00 | 58.61 | 58.61 |
| New York Tax Exempt Income Fund-C | 0416 | 0.00 | 58.61 | 58.61 |
| New York Tax Exempt Income Fund-M | 0616 | 0.00 | 58.61 | 58.61 |
| New York Tax Exempt Income Fund-R6 | 8816 | 0.00 | 58.61 | 58.61 |
| New York Tax Exempt Income Fund-Y | 1816 | 0.00 | 58.61 | 58.61 |
| Ohio Tax Exempt Income Fund-A | 0028 | 0.00 | 0.00 | 0.00 |
| Ohio Tax Exempt Income Fund-B | 0228 | 0.00 | 0.00 | 0.00 |
| Ohio Tax Exempt Income Fund-C | 0428 | 0.00 | 0.00 | 0.00 |
| Ohio Tax Exempt Income Fund-M | 0628 | 0.00 | 0.00 | 0.00 |
| Ohio Tax Exempt Income Fund-R6 | 8828 | 0.00 | 0.00 | 0.00 |

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|----------------------------------------|------------------|----------------|----------------|----------------|
| Ohio Tax Exempt Income Fund-Y | 1828 | 0.00 | 0.00 | 0.00 |
| PanAgora Managed Futures Strategy-A | 0088 | 35.51 | 35.51 | 57.94 |
| PanAgora Managed Futures Strategy-B | 0288 | 35.51 | 35.51 | 57.94 |
| PanAgora Managed Futures Strategy-C | 0488 | 35.51 | 35.51 | 57.94 |
| PanAgora Managed Futures Strategy-M | 0688 | 35.51 | 35.51 | 57.94 |
| PanAgora Managed Futures Strategy-R | 0888 | 35.51 | 35.51 | 57.94 |
| PanAgora Managed Futures Strategy-R6 | 8888 | 35.51 | 35.51 | 57.94 |
| PanAgora Managed Futures Strategy-Y | 1888 | 35.51 | 35.51 | 57.94 |
| PanAgora Risk Parity Fund-A | 0089 | 55.87 | 55.87 | 96.74 |
| PanAgora Risk Parity Fund-C | 0489 | 55.87 | 55.87 | 96.74 |
| PanAgora Risk Parity Fund-M | 0689 | 55.87 | 55.87 | 96.74 |
| PanAgora Risk Parity Fund-R | 0889 | 55.87 | 55.87 | 96.74 |
| PanAgora Risk Parity Fund-R6 | 8889 | 55.87 | 55.87 | 96.74 |
| PanAgora Risk Parity Fund-Y | 1889 | 55.87 | 55.87 | 96.74 |
| Pennsylvania Tax Exempt Income Fund-A | 0024 | 0.00 | 71.08 | 71.08 |
| Pennsylvania Tax Exempt Income Fund-B | 0224 | 0.00 | 71.08 | 71.08 |
| Pennsylvania Tax Exempt Income Fund-C | 0424 | 0.00 | 71.08 | 71.08 |
| Pennsylvania Tax Exempt Income Fund-M | 0624 | 0.00 | 71.08 | 71.08 |
| Pennsylvania Tax Exempt Income Fund-R6 | 8824 | 0.00 | 71.08 | 71.08 |
| Pennsylvania Tax Exempt Income Fund-Y | 1824 | 0.00 | 71.08 | 71.08 |
| Premier Income Trust | 5806 | 1.71 | 1.71 | 4.79 |
| Research Fund-A | 0049 | 0.03 | 0.03 | 0.81 |
| Research Fund-B | 0249 | 0.03 | 0.03 | 0.81 |
| Research Fund-C | 0449 | 0.03 | 0.03 | 0.81 |
| Research Fund-M | 0649 | 0.03 | 0.03 | 0.81 |
| Research Fund-R | 0849 | 0.03 | 0.03 | 0.81 |
| Research Fund-R6 | 8849 | 0.03 | 0.03 | 0.81 |
| Research Fund-Y | 1849 | 0.03 | 0.03 | 0.81 |
| Retirement Income Fund Lifestyle 1-A | 0151 | 0.00 | 0.00 | 0.00 |
| Retirement Income Fund Lifestyle 1-B | 0351 | 0.00 | 0.00 | 0.00 |
| Retirement Income Fund Lifestyle 1-C | 0551 | 0.00 | 0.00 | 0.00 |
| Retirement Income Fund Lifestyle 1-M | 0751 | 0.00 | 0.00 | 0.00 |
| Retirement Income Fund Lifestyle 1-R | 0951 | 0.00 | 0.00 | 0.00 |
| Retirement Income Fund Lifestyle 1-R6 | 8951 | 0.00 | 0.00 | 0.00 |
| Retirement Income Fund Lifestyle 1-Y | 1951 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-A | 0154 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-B | 0354 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-C | 0554 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-M | 0754 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-R | 0954 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-R6 | 8954 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2020 Fund-Y | 1954 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-A | 0155 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-B | 0355 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-C | 0555 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-M | 0755 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-R | 0955 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-R6 | 8955 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2025 Fund-Y | 1955 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-A | 0156 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-B | 0356 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-C | 0556 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-M | 0756 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-R | 0956 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-R6 | 8956 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2030 Fund-Y | 1956 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-A | 0157 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-B | 0357 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-C | 0557 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-M | 0757 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-R | 0957 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-R6 | 8957 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2035 Fund-Y | 1957 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2040 Fund-A | 0158 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2040 Fund-B | 0358 | 0.00 | 0.00 | 0.00 |

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|-------------------------------------|-----------|---------|---------|---------|
| Retirement Ready 2040 Fund-C | 0558 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2040 Fund-M | 0758 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2040 Fund-R | 0958 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2040 Fund-R6 | 8958 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2040 Fund-Y | 1958 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-A | 0159 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-B | 0359 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-C | 0559 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-M | 0759 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-R | 0959 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-R6 | 8959 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2045 Fund-Y | 1959 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-A | 0160 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-B | 0360 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-C | 0560 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-M | 0760 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-R | 0960 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-R6 | 8960 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2050 Fund-Y | 1960 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-A | 0161 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-B | 0361 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-C | 0561 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-M | 0761 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-R | 0961 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-R6 | 8961 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2055 Fund-Y | 1961 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-A | 0162 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-B | 0362 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-C | 0562 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-M | 0762 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-R | 0962 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-R6 | 8962 | 0.00 | 0.00 | 0.00 |
| Retirement Ready 2060 Fund-Y | 1962 | 0.00 | 0.00 | 0.00 |
| Short Duration Bond Fund-A | 0063 | 0.47 | 0.47 | 7.01 |
| Short Duration Bond Fund-B | 0263 | 0.47 | 0.47 | 7.01 |
| Short Duration Bond Fund-C | 0463 | 0.47 | 0.47 | 7.01 |
| Short Duration Bond Fund-M | 0663 | 0.47 | 0.47 | 7.01 |
| Short Duration Bond Fund-R | 0863 | 0.47 | 0.47 | 7.01 |
| Short Duration Bond Fund-R6 | 8863 | 0.47 | 0.47 | 7.01 |
| Short Duration Bond Fund-Y | 1863 | 0.47 | 0.47 | 7.01 |
| Short Duration Income Fund-A | 0078 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-B | 0278 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-C | 0478 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-M | 0678 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-N | 1178 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-R | 0878 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-R6 | 8878 | 0.00 | 0.00 | 0.20 |
| Short Duration Income Fund-Y | 1878 | 0.00 | 0.00 | 0.20 |
| Short-Term Investment Fund-P | 5016 | 0.00 | 0.39 | 41.93 |
| Short-Term Municipal Income Fund-A | 0080 | 0.00 | 0.00 | 0.00 |
| Short-Term Municipal Income Fund-B | 0280 | 0.00 | 0.00 | 0.00 |
| Short-Term Municipal Income Fund-C | 0480 | 0.00 | 0.00 | 0.00 |
| Short-Term Municipal Income Fund-M | 0680 | 0.00 | 0.00 | 0.00 |
| Short-Term Municipal Income Fund-R6 | 8880 | 0.00 | 0.00 | 0.00 |
| Short-Term Municipal Income Fund-Y | 1880 | 0.00 | 0.00 | 0.00 |
| Small Cap Value Fund-A | 0053 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-B | 0253 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-C | 0453 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-M | 0653 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-R | 0853 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-R5 | 7853 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-R6 | 8853 | 0.04 | 0.04 | 1.41 |
| Small Cap Value Fund-Y | 1853 | 0.04 | 0.04 | 1.41 |
| Sustainable Future Fund-A | 0056 | 0.06 | 0.06 | 2.74 |
| Sustainable Future Fund-B | 0256 | 0.06 | 0.06 | 2.74 |

| Putnam fund name | Fund code | Table 1 | Table 2 | Table 3 |
|-----------------------------|------------------|----------------|----------------|----------------|
| Sustainable Future Fund-C | 0456 | 0.06 | 0.06 | 2.74 |
| Sustainable Future Fund-M | 0656 | 0.06 | 0.06 | 2.74 |
| Sustainable Future Fund-R | 0856 | 0.06 | 0.06 | 2.74 |
| Sustainable Future Fund-R6 | 8856 | 0.06 | 0.06 | 2.74 |
| Sustainable Future Fund-Y | 1856 | 0.06 | 0.06 | 2.74 |
| Sustainable Leaders Fund-A | 0031 | 0.05 | 0.05 | 1.45 |
| Sustainable Leaders Fund-B | 0231 | 0.05 | 0.05 | 1.45 |
| Sustainable Leaders Fund-C | 0431 | 0.05 | 0.05 | 1.45 |
| Sustainable Leaders Fund-M | 0631 | 0.05 | 0.05 | 1.45 |
| Sustainable Leaders Fund-R | 0831 | 0.05 | 0.05 | 1.45 |
| Sustainable Leaders Fund-R6 | 8831 | 0.05 | 0.05 | 1.45 |
| Sustainable Leaders Fund-Y | 1831 | 0.05 | 0.05 | 1.45 |
| Tax Exempt Income Fund-A | 0009 | 0.00 | 0.36 | 0.36 |
| Tax Exempt Income Fund-B | 0209 | 0.00 | 0.36 | 0.36 |
| Tax Exempt Income Fund-C | 0409 | 0.00 | 0.36 | 0.36 |
| Tax Exempt Income Fund-M | 0609 | 0.00 | 0.36 | 0.36 |
| Tax Exempt Income Fund-R6 | 8809 | 0.00 | 0.36 | 0.36 |
| Tax Exempt Income Fund-Y | 1809 | 0.00 | 0.36 | 0.36 |
| Tax-Free High Yield Fund-A | 0040 | 0.00 | 0.00 | 0.00 |
| Tax-Free High Yield Fund-B | 0240 | 0.00 | 0.00 | 0.00 |
| Tax-Free High Yield Fund-C | 0440 | 0.00 | 0.00 | 0.00 |
| Tax-Free High Yield Fund-M | 0640 | 0.00 | 0.00 | 0.00 |
| Tax-Free High Yield Fund-R6 | 8840 | 0.00 | 0.00 | 0.00 |
| Tax-Free High Yield Fund-Y | 1840 | 0.00 | 0.00 | 0.00 |