

2018 year-end distributions



Open-end funds	Record date	Payable date	Distribution type	Class A	Class B	Class C	Class M	Class R	Class Y	Class R5	Class R6	Class I	Class P
AMT-Free Municipal Fund*	12/27/18	12/31/18	Extra taxable income	\$0.0036	\$0.0036	\$0.0036	\$0.0036	N/A	\$0.0036	N/A	\$0.0036	N/A	N/A
AMT-Free Municipal Fund*	12/27/18	12/31/18	Long-term capital gain	0.1598	0.1598	0.1598	0.1598	N/A	0.1598	N/A	0.1598	N/A	N/A
California Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0078	0.0078	0.0078	0.0078	N/A	0.0078	N/A	0.0078	N/A	N/A
California Tax Exempt Income Fund*	12/27/18	12/31/18	Long-term capital gain	0.0763	0.0763	0.0763	0.0763	N/A	0.0763	N/A	0.0763	N/A	N/A
Capital Spectrum Fund	12/6/18	12/10/18	No distribution	0.0000	0.0000	0.0000	0.0000	\$0.0000	0.0000	N/A	N/A	N/A	N/A
Convertible Securities Fund	12/26/18	12/28/18	Investment income	0.1200	0.0730	0.0720	0.0870	0.1030	0.1360	N/A	0.1410	\$0.1430	N/A
Convertible Securities Fund	12/26/18	12/28/18	Short-term capital gain	0.0900	0.0900	0.0900	0.0900	0.0900	0.0900	N/A	0.0900	0.0900	N/A
Convertible Securities Fund	12/26/18	12/28/18	Long-term capital gain	2.4420	2.4420	2.4420	2.4420	2.4420	2.4420	N/A	2.4420	2.4420	N/A
Diversified Income Trust	12/14/18	12/20/18	Investment income	0.0260	0.0220	0.0220	0.0250	0.0250	0.0270	N/A	0.0280	N/A	N/A
Dynamic Asset Allocation Balanced Fund	12/18/18	12/20/18	Investment income	0.0650	0.0360	0.0380	0.0460	0.0560	0.0740	\$0.0740	0.0780	N/A	\$0.0800
Dynamic Asset Allocation Balanced Fund	12/18/18	12/20/18	Short-term capital gain	0.1610	0.1610	0.1610	0.1610	0.1610	0.1610	0.1610	0.1610	N/A	0.1610
Dynamic Asset Allocation Balanced Fund	12/18/18	12/20/18	Long-term capital gain	0.7320	0.7320	0.7320	0.7320	0.7320	0.7320	0.7320	0.7320	N/A	0.7320
Dynamic Asset Allocation Conservative Fund	12/18/18	12/20/18	Investment income	0.0170	0.0100	0.0100	0.0120	0.0140	0.0190	0.0200	0.0200	N/A	0.0210
Dynamic Asset Allocation Conservative Fund	12/18/18	12/20/18	Long-term capital gain	0.2770	0.2770	0.2770	0.2770	0.2770	0.2770	0.2770	0.2770	N/A	0.2770
Dynamic Asset Allocation Growth Fund	12/18/18	12/20/18	Investment income	0.1800	0.0280	0.0480	0.0950	0.1380	0.2250	0.2270	0.2450	N/A	0.2510
Dynamic Asset Allocation Growth Fund	12/18/18	12/20/18	Short-term capital gain	0.2620	0.2620	0.2620	0.2620	0.2620	0.2620	0.2620	0.2620	N/A	0.2620
Dynamic Asset Allocation Growth Fund	12/18/18	12/20/18	Long-term capital gain	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100	1.0100	N/A	1.0100
Dynamic Risk Allocation Fund	12/18/18	12/20/18	Investment income	0.1620	0.0660	0.0650	0.1060	0.0740	0.1940	N/A	0.2130	N/A	N/A
Emerging Markets Equity Fund	12/21/18	12/26/18	Investment income	0.0090	0.0000	0.0000	0.0000	0.0000	0.0190	N/A	0.0210	N/A	N/A
Emerging Markets Equity Fund	12/21/18	12/26/18	Long-term capital gain	0.2060	0.2060	0.2060	0.2060	0.2060	0.2060	N/A	0.2060	N/A	N/A
Equity Income Fund	12/26/18	12/28/18	Investment income	0.0790	0.0330	0.0350	0.0490	0.0640	0.0940	0.0950	0.1010	N/A	N/A
Equity Income Fund	12/26/18	12/28/18	Extra taxable income	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	0.1090	N/A	N/A
Equity Income Fund	12/26/18	12/28/18	Short-term capital gain	0.0970	0.0970	0.0970	0.0970	0.0970	0.0970	0.0970	0.0970	N/A	N/A
Equity Income Fund	12/26/18	12/28/18	Long-term capital gain	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	0.8200	N/A	N/A
Equity Spectrum Fund	12/6/18	12/10/18	No distribution	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	N/A	N/A	N/A
Europe Equity Fund	12/21/18	12/28/18	Investment income	0.4560	0.2530	0.2250	0.3270	0.3560	0.5220	N/A	0.5150	N/A	N/A
Fixed Income Absolute Return Fund	12/18/18	12/20/18	Investment income	0.0310	0.0290	0.0250	0.0310	0.0300	0.0330	N/A	0.0330	N/A	0.0330
Fixed Income Absolute Return Fund	12/18/18	12/20/18	Extra taxable income	0.0860	0.0860	0.0860	0.0860	0.0860	0.0860	N/A	0.0860	N/A	0.0860
Floating Rate Income Fund*	12/27/18	12/31/18	No extra distribution	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.0000	N/A	N/A
George Putnam Balanced Fund	11/28/18	11/30/18	Investment Income	0.0710	0.0320	0.0340	0.0450	0.0580	0.0840	0.0840	0.0900	N/A	N/A
George Putnam Balanced Fund	11/28/18	11/30/18	Short-term capital gain	0.3140	0.3140	0.3140	0.3140	0.3140	0.3140	0.3140	0.3140	N/A	N/A
George Putnam Balanced Fund	11/28/18	11/30/18	Long-term capital gain	1.0440	1.0440	1.0440	1.0440	1.0440	1.0440	1.0440	1.0440	N/A	N/A
Global Communications Fund	12/21/18	12/26/18	Investment income	0.1210	0.0050	0.0000	0.0730	0.0710	0.1660	N/A	N/A	N/A	N/A
Global Communications Fund	12/21/18	12/26/18	Long-term capital gain	0.2930	0.2930	0.2930	0.2930	0.2930	0.2930	N/A	N/A	N/A	N/A
Global Consumer Fund	12/21/18	12/26/18	Long-term capital gain	1.4500	1.4500	1.4500	1.4500	1.4500	1.4500	N/A	N/A	N/A	N/A
Global Equity Fund	12/21/18	12/26/18	No distribution	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.0000	N/A	N/A
Global Financials Fund	12/21/18	12/26/18	Investment Income	0.1860	0.0770	0.0780	0.0000	0.1490	0.2250	N/A	N/A	N/A	N/A
Global Health Care Fund	12/21/18	12/26/18	Investment Income	0.0340	0.0000	0.0000	0.0000	0.0000	0.1690	N/A	N/A	N/A	N/A
Global Health Care Fund	12/21/18	12/26/18	Short-term capital gain	0.4850	0.4850	0.4850	0.4850	0.4850	0.4850	N/A	N/A	N/A	N/A
Global Health Care Fund	12/21/18	12/26/18	Long-term capital gain	2.6020	2.6020	2.6020	2.6020	2.6020	2.6020	N/A	N/A	N/A	N/A
Global Income Trust	12/21/18	12/28/18	Investment income	0.0210	0.0150	0.0140	0.0190	0.0190	0.0230	0.0240	0.0250	N/A	N/A
Global Industrials Fund	12/21/18	12/26/18	Long-term capital gain	1.4950	1.4950	1.4950	1.4950	1.4950	1.4950	N/A	1.4950	N/A	N/A
Global Natural Resources Fund	12/21/18	12/26/18	Investment income	0.1320	0.0100	0.0080	0.0450	0.0890	0.1770	N/A	N/A	N/A	N/A

(over)

Open-end funds	Record date	Payable date	Distribution type	Class A	Class B	Class C	Class M	Class R	Class Y	Class R5	Class R6	Class I	Class P
Global Sector Fund	12/31/18	12/31/18	Investment income	\$0.1720	\$0.0750	\$0.0750	\$0.1090	\$0.1440	\$0.2050	N/A	N/A	N/A	N/A
Global Sector Fund	12/31/18	12/31/18	Short-term capital gain	0.0300	0.0300	0.0300	0.0300	0.0300	0.0300	N/A	N/A	N/A	N/A
Global Sector Fund	12/31/18	12/31/18	Long-term capital gain	0.6260	0.6260	0.6260	0.6260	0.6260	0.6260	N/A	N/A	N/A	N/A
Global Technology Fund	12/21/18	12/26/18	Investment income	0.0600	0.0000	0.0000	0.0000	0.0240	0.1480	N/A	\$0.1290	N/A	N/A
Global Technology Fund	12/21/18	12/26/18	Short-term capital gain	1.4920	1.4920	1.4920	1.4920	1.4920	1.4920	N/A	1.4920	N/A	N/A
Global Technology Fund	12/21/18	12/26/18	Long-term capital gain	1.1870	1.1870	1.1870	1.1870	1.1870	1.1870	N/A	1.1870	N/A	N/A
Global Utilities Fund	12/26/18	12/28/18	Investment income	0.0840	0.0580	0.0610	0.0640	0.0760	0.0920	N/A	N/A	N/A	N/A
Global Utilities Fund	12/26/18	12/28/18	Long-term capital gain	1.4110	1.4110	1.4110	1.4110	1.4110	1.4110	N/A	N/A	N/A	N/A
Government Money Market Fund*	12/27/18	12/31/18	No extra distribution	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	N/A	N/A	\$0.0000	\$0.0000
Growth Opportunities Fund	12/6/18	12/10/18	Investment income	0.0010	0.0000	0.0000	0.0000	0.0000	0.0900	\$0.0420	0.1330	N/A	N/A
Growth Opportunities Fund	12/6/18	12/10/18	Long-term capital gain	2.3760	2.3760	2.3760	2.3760	2.3760	2.3760	2.3760	2.3760	N/A	N/A
High Yield Fund	12/19/18	12/26/18	Investment income	0.0240	0.0200	0.0210	0.0230	0.0230	0.0250	N/A	0.0260	N/A	N/A
Income Fund	12/19/18	12/26/18	Investment income	0.0200	0.0160	0.0160	0.0190	0.0180	0.0210	0.0220	0.0220	N/A	N/A
Intermediate-Term Municipal Income*	12/27/18	12/31/18	Extra taxable income	0.0009	0.0009	0.0009	0.0009	N/A	0.0009	N/A	0.0009	N/A	N/A
International Cap Opps Fund	12/21/18	12/26/18	Long-term capital gain	3.1730	3.1730	3.1730	3.1730	3.1730	3.1730	N/A	3.1730	N/A	N/A
International Equity Fund	12/21/18	12/26/18	Investment income	0.4350	0.2130	0.0290	0.2980	0.3440	0.5000	0.5220	0.5490	N/A	N/A
International Equity Fund	12/21/18	12/26/18	Long-term capital gain	0.8360	0.8360	0.8360	0.8360	0.8360	0.8360	0.8360	0.8360	N/A	N/A
International Growth Fund	12/21/18	12/26/18	No distribution	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.0000	N/A	N/A
International Value Fund	12/21/18	12/26/18	Investment income	0.2220	0.1040	0.0730	0.1640	0.1740	0.2450	N/A	0.2790	N/A	N/A
International Value Fund	12/21/18	12/26/18	Long-term capital gain	0.1940	0.1940	0.1940	0.1940	0.1940	0.1940	N/A	0.1940	N/A	N/A
Massachusetts Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0075	0.0075	0.0075	0.0075	N/A	0.0075	N/A	0.0075	N/A	N/A
Minnesota Tax Exempt Income Fund*	12/27/18	12/31/18	Long-term capital gain	0.0060	0.0060	0.0060	0.0060	N/A	0.0060	N/A	0.0060	N/A	N/A
Money Market Fund*	12/27/18	12/31/18	No extra distribution	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	N/A	N/A	N/A	N/A
Mortgage Securities Fund	12/14/18	12/20/18	Investment income	0.0490	0.0420	0.0410	0.0470	0.0460	0.0510	N/A	0.0530	N/A	N/A
Multi-Asset Absolute Return Fund	12/18/18	12/20/18	Investment income	0.3730	0.2840	0.2910	0.3300	0.3440	0.4000	N/A	0.4150	N/A	0.4200
Multi-Cap Core Fund	12/6/18	12/10/18	Short-term capital gain	0.0010	0.0010	0.0010	0.0010	0.0010	0.0010	N/A	0.0010	N/A	N/A
Multi-Cap Core Fund	12/6/18	12/10/18	Long-term capital gain	0.0580	0.0580	0.0580	0.0580	0.0580	0.0580	N/A	0.0580	N/A	N/A
NJ Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0120	0.0120	0.0120	0.0120	N/A	0.0120	N/A	0.0120	N/A	N/A
NY Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0024	0.0024	0.0024	0.0024	N/A	0.0024	N/A	0.0024	N/A	N/A
OH Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0013	0.0013	0.0013	0.0013	N/A	0.0013	N/A	0.0013	N/A	N/A
PA Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0089	0.0089	0.0089	0.0089	N/A	0.0089	N/A	0.0089	N/A	N/A
Putnam PanAgora Managed Futures Strategy	12/24/18	12/27/18	Investment income	0.2330	0.1590	0.2330	0.1830	0.2090	0.2570	N/A	0.2570	N/A	N/A
Putnam PanAgora Market Neutral Fund	12/24/18	12/27/18	No distribution	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.0000	N/A	N/A
Putnam PanAgora Risk Parity Fund	12/24/18	12/27/18	Investment income	0.0700	0.0000	0.0090	0.0200	0.0460	0.0940	N/A	0.0940	N/A	N/A
Research Fund	12/6/18	12/10/18	Investment income	0.1150	0.0000	0.0000	0.0000	0.0100	0.2210	N/A	0.2600	N/A	N/A
Research Fund	12/6/18	12/10/18	Short-term capital gain	1.2800	1.2800	1.2800	1.2800	1.2800	1.2800	N/A	1.2800	N/A	N/A
Research Fund	12/6/18	12/10/18	Long-term capital gain	2.7700	2.7700	2.7700	2.7700	2.7700	2.7700	N/A	2.7700	N/A	N/A
Retirement Income Fund Lifestyle 1	12/26/18	12/28/18	Investment income	0.0250	0.0150	0.0180	0.0220	0.0210	0.0280	N/A	0.0290	N/A	N/A
Retirement Income Fund Lifestyle 1	12/26/18	12/28/18	Extra taxable income	0.2290	0.2290	0.2290	0.2290	0.2290	0.2290	N/A	0.2290	N/A	N/A
Retirement Income Fund Lifestyle 1	12/26/18	12/28/18	Long-term capital gain	0.0250	0.0250	0.0250	0.0250	0.0250	0.0250	N/A	0.0250	N/A	N/A
RetirementReady 2020 Fund	12/31/18	12/31/18	Investment income	0.6330	0.4780	0.4900	0.5060	0.5690	0.6870	N/A	0.6960	N/A	N/A
RetirementReady 2020 Fund	12/31/18	12/31/18	Long-term capital gain	0.3300	0.3300	0.3300	0.3300	0.3300	0.3300	N/A	0.3300	N/A	N/A
RetirementReady 2025 Fund	12/31/18	12/31/18	Investment income	0.7950	0.6150	0.6580	0.6710	0.6460	0.8490	N/A	0.8740	N/A	N/A
RetirementReady 2025 Fund	12/31/18	12/31/18	Long-term capital gain	0.6820	0.6820	0.6820	0.6820	0.6820	0.6820	N/A	0.6820	N/A	N/A
RetirementReady 2030 Fund	12/31/18	12/31/18	Investment income	0.7070	0.5130	0.5320	0.6100	0.5920	0.7560	N/A	0.7830	N/A	N/A

(over)

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RetirementReady 2030 Fund	12/31/18	12/31/18	Long-term capital gain	\$0.9890	\$0.9890	\$0.9890	\$0.9890	\$0.9890	\$0.9890	N/A	\$0.9890	N/A	N/A
RetirementReady 2035 Fund	12/31/18	12/31/18	Investment income	0.7730	0.5990	0.6240	0.6170	0.6600	0.8250	N/A	0.8510	N/A	N/A
RetirementReady 2035 Fund	12/31/18	12/31/18	Long-term capital gain	1.3350	1.3350	1.3350	1.3350	1.3350	1.3350	N/A	1.3350	N/A	N/A
RetirementReady 2040 Fund	12/31/18	12/31/18	Investment income	0.6410	0.4600	0.4850	0.5320	0.4210	0.6740	N/A	0.7160	N/A	N/A
RetirementReady 2040 Fund	12/31/18	12/31/18	Long-term capital gain	1.6210	1.6210	1.6210	1.6210	1.6210	1.6210	N/A	1.6210	N/A	N/A
RetirementReady 2045 Fund	12/31/18	12/31/18	Investment income	0.6900	0.5320	0.5660	0.5830	0.5730	0.7380	N/A	0.7670	N/A	N/A
RetirementReady 2045 Fund	12/31/18	12/31/18	Long-term capital gain	1.9410	1.9410	1.9410	1.9410	1.9410	1.9410	N/A	1.9410	N/A	N/A
RetirementReady 2050 Fund	12/31/18	12/31/18	Investment income	0.5130	0.3570	0.3720	0.4310	0.4730	0.5300	N/A	0.5850	N/A	N/A
RetirementReady 2050 Fund	12/31/18	12/31/18	Long-term capital gain	1.8820	1.8820	1.8820	1.8820	1.8820	1.8820	N/A	1.8820	N/A	N/A
RetirementReady 2055 Fund	12/31/18	12/31/18	Investment income	0.3090	0.2150	0.2280	0.2680	0.1840	0.3380	N/A	0.3560	N/A	N/A
RetirementReady 2055 Fund	12/31/18	12/31/18	Long-term capital gain	1.1340	1.1340	1.1340	1.1340	1.1340	1.1340	N/A	1.1340	N/A	N/A
RetirementReady 2060 Fund	12/31/18	12/31/18	Investment income	0.3370	0.2680	0.2520	0.2200	0.2910	0.3400	N/A	0.3500	N/A	N/A
RetirementReady 2060 Fund	12/31/18	12/31/18	Short-term capital gain	0.0400	0.0400	0.0400	0.0400	0.0400	0.0400	N/A	0.0400	N/A	N/A
RetirementReady 2060 Fund	12/31/18	12/31/18	Long-term capital gain	0.3160	0.3160	0.3160	0.3160	0.3160	0.3160	N/A	0.3160	N/A	N/A
Short Duration Bond Fund	12/21/18	12/26/18	Investment income	0.0240	0.0220	0.0180	0.0230	0.0220	0.0260	N/A	0.0260	N/A	N/A
Short Duration Bond Fund	12/21/18	12/26/18	Extra taxable income	0.0440	0.0440	0.0440	0.0440	0.0440	0.0440	N/A	0.0440	N/A	N/A
Short Duration Income Fund*	12/27/18	12/31/18	Short-term capital gain	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	N/A	0.0008	N/A	N/A
Short Duration Income Fund*	12/27/18	12/31/18	Long-term capital gain	0.0008	0.0008	0.0008	0.0008	0.0008	0.0008	N/A	0.0008	N/A	N/A
Short-Term Municipal Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0013	0.0013	0.0013	0.0013	N/A	0.0013	N/A	0.0013	N/A	N/A
Small Cap Growth Fund	12/6/18	12/10/18	No distribution	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	N/A	0.0000	N/A	N/A
Small Cap Value Fund	12/6/18	12/10/18	Investment income	0.2170	0.1350	0.1230	0.1620	0.1810	0.2450	\$0.2610	0.2750	N/A	N/A
Small Cap Value Fund	12/6/18	12/10/18	Short-term capital gain	1.4650	1.4650	1.4650	1.4650	1.4650	1.4650	1.4650	1.4650	N/A	N/A
Small Cap Value Fund	12/6/18	12/10/18	Long-term capital gain	0.2680	0.2680	0.2680	0.2680	0.2680	0.2680	0.2680	0.2680	N/A	N/A
Sustainable Future Fund	12/6/18	12/10/18	Investment income	0.2150	0.1040	0.0230	0.1200	0.1560	0.2650	N/A	0.2540	N/A	N/A
Sustainable Future Fund	12/6/18	12/10/18	Short-term capital gain	0.0860	0.0860	0.0860	0.0860	0.0860	0.0860	N/A	0.0860	N/A	N/A
Sustainable Future Fund	12/6/18	12/10/18	Long-term capital gain	4.1660	4.1660	4.1660	4.1660	4.1660	4.1660	N/A	4.1660	N/A	N/A
Sustainable Leaders Fund	12/6/18	12/10/18	Investment income	0.0410	0.0000	0.0000	0.0000	0.0000	0.2800	N/A	0.2090	N/A	N/A
Sustainable Leaders Fund	12/6/18	12/10/18	Short-term capital gain	1.6110	1.6110	1.6110	1.6110	1.6110	1.6110	N/A	1.6110	N/A	N/A
Sustainable Leaders Fund	12/6/18	12/10/18	Long-term capital gain	13.4210	13.4210	13.4210	13.4210	13.4210	13.4210	N/A	13.4210	N/A	N/A
Tax Exempt Income Fund*	12/27/18	12/31/18	Extra taxable income	0.0213	0.0213	0.0213	0.0213	N/A	0.0213	N/A	0.0213	N/A	N/A
Tax Exempt Income Fund*	12/27/18	12/31/18	Long-term capital gain	0.0190	0.0190	0.0190	0.0190	N/A	0.0190	N/A	0.0190	N/A	N/A
Tax-Free High Yield Fund*	12/27/18	12/31/18	Extra taxable income	0.0244	0.0244	0.0244	0.0244	N/A	0.0244	N/A	0.0244	N/A	N/A
Closed-end funds	Record date	Payable date	Distribution type	Common									
Managed Municipal Income Fund	12/21/18	1/2/19	Investment income	\$0.0320									
Master Intermediate Income Fund	12/21/18	1/2/19	Investment income	0.0300									
Municipal Opportunities Trust	12/21/18	1/2/19	Investment income	0.0531									
Municipal Opportunities Trust	12/21/18	1/2/19	Long-term capital gain	0.0737									
Premier Income Trust	12/21/18	1/2/19	Investment income	0.0350									

* These funds do not reflect their regular monthly dividend rates.

This information is not meant as tax or legal advice. Please consult with the appropriate tax or legal professional regarding your particular circumstances before making any investment decisions. Putnam does not provide tax or legal advice.