



2023 Section 199A Percentages

Putnam fund name	199A percentage (%)
BDC Income ETF	0.0000
BioRevolution ETF	0.0000
California Tax Exempt Income Fund	0.0000
Convertible Securities Fund	0.0000
Core Bond Fund	0.0000
Core Equity Fund	0.0000
Diversified Income Trust	0.0000
Dynamic Asset Allocation Balanced Fund	2.8078
Dynamic Asset Allocation Conservative Fund	1.9497
Dynamic Asset Allocation Equity Fund	4.5431
Dynamic Asset Allocation Growth Fund	2.1238
Dynamic Risk Allocation Fund	0.0000
Emerging Markets Equity Fund	0.0000
Emerging Markets ex-China ETF	0.0000
ESG Core Bond ETF	0.0000
ESG High Yield ETF	0.0000
ESG Ultra Short ETF	0.0000
Floating Rate Income Fund	0.0000
Focused Equity Fund	0.0000
Focused International Equity Fund	0.0000
Focused Large Cap Growth ETF	0.0000
Focused Large Cap Value ETF	0.0000
George Putnam Balanced Fund	2.8313
Global Health Care Fund	0.0000
Global Income Trust	0.0000
Global Technology Fund	0.0000
Government Money Market Fund	0.0000
High Yield Fund	0.0000
Income Fund	0.0000
Intermediate-Term Municipal Income Fund	0.0000
International Capital Opportunities Fund	0.0000
International Equity Fund	0.0000
International Value Fund	0.0000
Large Cap Growth Fund	0.0000
Large Cap Value Fund	0.0000
Managed Municipal Income Trust	0.0000
Massachusetts Tax Exempt Income Fund	0.0000
Master Intermediate Income Trust	0.0000
Minnesota Tax Exempt Income Fund	0.0000
Money Market Fund	0.0000
Mortgage Opportunities Fund	0.0000
Mortgage Securities Fund	0.0000
Multi-Asset Absolute Return Fund	0.0000
Multi-Asset Income Fund	0.0000
Municipal Opportunities Trust	0.0000
New Jersey Tax Exempt Income Fund	0.0000
New York Tax Exempt Income Fund	0.0000
Ohio Tax Exempt Income Fund	0.0000
Panagora ESG Emerging Markets ETF	0.0000
Panagora ESG International Equity ETF	0.0000
PanAgora Risk Parity Fund	0.0000
Pennsylvania Tax Exempt Income Fund	0.0000
Premier Income Trust	0.0000
Research Fund	0.0000

Putnam fund name	199A percentage (%)
Retirement Advantage 2025 Fund	0.0000
Retirement Advantage 2030 Fund	0.0000
Retirement Advantage 2035 Fund	0.0000
Retirement Advantage 2040 Fund	0.0000
Retirement Advantage 2045 Fund	0.0000
Retirement Advantage 2050 Fund	0.0000
Retirement Advantage 2055 Fund	0.0000
Retirement Advantage 2060 Fund	0.0000
Retirement Advantage 2065 Fund	0.0000
Retirement Advantage Maturity Fund	0.0000
Sustainable Retirement 2025 Fund	0.0000
Sustainable Retirement 2030 Fund	0.0000
Sustainable Retirement 2035 Fund	0.0000
Sustainable Retirement 2040 Fund	0.0000
Sustainable Retirement 2045 Fund	0.0000
Sustainable Retirement 2050 Fund	0.0000
Sustainable Retirement 2055 Fund	0.0000
Sustainable Retirement 2060 Fund	0.0000
Sustainable Retirement 2065 Fund	0.0000
Sustainable Retirement Maturity Fund	0.0000
Short Duration Bond Fund	0.0000
Short-Term Investment Fund	0.0000
Short-Term Municipal Income Fund	0.0000
Small Cap Growth Fund	0.0000
Small Cap Value Fund	0.0000
Strategic Intermediate Municipal Fund	0.0000
Sustainable Future ETF	0.0000
Sustainable Future Fund	0.0000
Sustainable Leaders ETF	0.0000
Sustainable Leaders Fund	0.0000
Tax Exempt Income Fund	0.0000
Tax-Free High Yield Fund	0.0000
Ultra Short Duration Income Fund	0.0000
Ultra Short MAC Series	0.0000

This Information applies to all share classes of a fund.