

Putnam mutual fund account application



Return by mail:
Putnam Investor Services, Inc.
P. O. Box 8383
Boston, MA 02266-8383

Return by express delivery:
Putnam Investor Services, Inc.
30 Dan Road
Canton, MA 02021-2809

For more information:
Putnam Investments
1-800-225-1581
www.putnam.com

Please make checks payable to The Putnam Funds



Section 1 Select your registration type

Please complete **only one** registration type subsection below (1A, 1B or 1C). **All information within that subsection is required.** If you need additional space, please use Section 8.

Section 1A (if more than one account owner is indicated and no boxes have been checked off below, your account will default to joint tenants with rights of survivorship)

- Individual
- Joint tenants with rights of survivorship
- Tenants in common
- Tenants by entirety
- Community property
- Community property with rights of survivorship

Name of account owner

First	MI	Last	Suffix	Social Security number	Date of birth (mm/dd/yyyy)

Name of joint account owner

First	MI	Last	Suffix	Social Security number	Date of birth (mm/dd/yyyy)

Section 1B (additional documentation may be required, see Section 7)

Custodial/Fiduciary account: Guardian Conservator UTMA/UGMA: Donor state required State

Name of custodian or fiduciary

First	MI	Last	Suffix	Social Security number	Date of birth (mm/dd/yyyy)

Name of minor or beneficial owner

First	MI	Last	Suffix	Social Security number	Date of birth (mm/dd/yyyy)

Successor UTMA/UGMA custodian designation

First	MI	Last	Suffix

Section 1C (additional documentation may be required, see Section 7)

For verification purposes, if you are signing this application on behalf of a club, please provide your name, Social Security number, and date of birth below, and also provide your address in Section 2.

- Trust
- Estate
- Partnership
- C Corporation
- S Corporation
- Foundation/Non-profit organization

Name of trust, corporation, partnership, or other entity	Tax identification number	Date of trust

Name of trustee or authorized signer	Social Security number	Date of birth (mm/dd/yyyy)
First MI Last Suffix		

Name of co-trustee or co-authorized signer	Social Security number	Date of birth (mm/dd/yyyy)
First MI Last Suffix		

For the benefit of (if applicable)	Social Security number	Date of birth (mm/dd/yyyy)
First MI Last Suffix		

Section 2 Provide your address and contact information

Mailing address (required)

City

State

ZIP code

Residential address (required if mailing address is a P.O. Box or c/o address)

City

State

ZIP code

Contact phone number

E-mail address

Note: Providing an e-mail address and/or phone number above will replace the current contact information on file with Putnam (if applicable). No changes will be made for fields that are left blank. If you are enrolled in electronic delivery, all notifications will be sent to the e-mail address listed above.

Electronic delivery of account documents

I want to **“GO GREEN”** and reduce paper, printing and mailing by receiving documents electronically.

By checking the “GO GREEN” box above, an e-mail will be sent to the e-mail address provided above with a link to Putnam’s secure Investor Website, which will allow you to choose your eDelivery options. Documents available for eDelivery include transaction confirmations, quarterly statements, prospectuses, annual/semiannual fund reports, proxy statements, and tax forms. When a new document is available, instead of sending the document to you by U.S. mail, Putnam Investor Services will send you an e-mail notification that the document is available via Putnam’s Website. Terms and Conditions related to eDelivery will be provided to you prior to confirmation of your elections.

Joint, minor or beneficial owner residential address (Required if different than mailing/residential address. No P.O. Box or c/o addresses)

City

State

ZIP code

Section 3 Provide information about your financial advisor

Dealer number

Branch office number

Financial advisor number

CRD number

Financial advisor name(s) exactly as it appears on firm’s registration

Financial advisor’s firm

Financial advisor’s contact phone number

Branch office street address

City

State

ZIP code

Note: If you do not designate a financial advisor, or if the broker-dealer firm you designate does not have a selling agreement with the distributor, Putnam Retail Management Limited Partnership (“PRM”), PRM will be designated as the default broker-dealer firm of record on your account and PRM will retain all applicable sales charges. You may designate another broker-dealer firm at any time by returning a signed Change of financial advisor form to Putnam Investor Services.

Section 4 Investment instructions

Please indicate how you wish to fund your account. Select all that apply.

A check is enclosed / **A check is en route** (make checks payable to Putnam Investments)

A check is not enclosed

Draft a one-time debit from my checking or savings account for:

\$

(indicate investment elections in Section 5 and bank account information in Section 6)

Note: The one-time debit will be initiated on the date the account is established.

Draft systematic investments from my checking or savings account (Complete Section 6)

Section 5 Select your funds

Use the Putnam Fund Guide (<https://www.putnam.com/literature/pdf/FM103.pdf>) to select your investment. You must enter the fund name and number for the corresponding share class you wish to establish. **If no class of shares is indicated, class A shares will be purchased.** Indicate the amount of your initial investment in each fund. For additional fund elections, please attach a separate sheet of paper with fund number, fund name, and dollar amount or percentage. Please make checks payable to The Putnam Funds. If you are moving assets held in Putnam funds to a new registration with Putnam, you must select the same share class as the originating account.

<i>Fund number</i>	<i>Fund name</i>	<i>Dollar amount</i>		<i>Percentage</i>
<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	or	<input type="text"/> %
<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	or	<input type="text"/> %
<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	or	<input type="text"/> %
<input type="text"/>	<input type="text"/>	\$ <input type="text"/>	or	<input type="text"/> %
				100%

Section 6 Select your account features (optional)

Section 6A — Bank account information (You must provide a voided check or deposit slip; please do not staple)

Note: Starter checks, brokerage checks, and checkwriting checks will not be accepted.

Please provide your bank information to allow subsequent purchases to be sent from your bank account. If the Putnam account owner's name is listed in the bank account registration, you will then be eligible for ACH on-demand purchasing via phone or web.

Attach a preprinted or web-generated voided check/deposit slip or a signed letter from the bank on bank letterhead below. Each of these documents must include: bank name, name(s) as registered on the bank account, routing number and account number.

Check the bank account you would like to use: Checking account Savings account

Please use my enclosed investment check to establish bank account options on my account in lieu of other acceptable documents named above.

tape your document here

Name _____
 Address _____
 City, State, ZIP _____

DATE _____

PAY TO THE
 ORDER OF _____ \$

_____ DOLLARS

memo: _____

|: 123456789 |: 000123456789 |: 101

ABA routing number of financial institution

Bank account number

Section 6 Select your account features (continued)

Section 6B — Systematic investment plan

Complete this section to establish a new systematic investment plan using the bank account information provided in Section 6A. Please indicate the fund number, fund name, dollar amount, frequency and date for your investments below. Investments will be made into the same share class selected in Section 5 unless otherwise indicated. Putnam requests the draft from your bank account on the business day prior to the investment date. **If no date is selected, Putnam will default to the 15th.** If the investment date falls on a weekend or a holiday, the investment will be made the next business day. If the investment date falls on a date that does not occur within a particular month (29th-31st), the investment will be made the prior day, unless this day falls on a weekend or holiday then the investment will be made the next business day.

Step 1: Investment allocation

Fund number	Fund name	Dollar amount
<input type="text"/>	<input type="text"/>	\$ <input type="text"/>
<input type="text"/>	<input type="text"/>	\$ <input type="text"/>

Step 2: Option frequency

Choose a frequency below. Putnam will default to once per month if no option is selected:

Frequency: Invest every month **or** Invest in the month(s) chosen below:

Jan Feb Mar Apr May June July Aug Sept Oct Nov Dec

Indicate draft date(s) below: Investment date: Additional investment date: (use if you wish to invest multiple times within a month)

(MM/DD)	(DD)
<input type="text"/>	<input type="text"/>

Section 6C — Reduced sales charge

If you already own shares of another Putnam fund, or if you agree to invest a certain amount, you may be able to reduce the sales charge you pay. Shares that have not been assessed a sales charge will not count towards your Cumulative Discount or Letter of Intent. This includes commissionable shares of money market, government money market, and short duration income funds as well as closed end funds and Putnam class Y shares.

CUMULATIVE DISCOUNT

To qualify for sales charge discounts on class A and M shares, list the account number(s) of other Putnam fund(s) that you or your family (spouse and/or children under age 21) own.

Fund number	Account number
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

LETTER OF INTENT

By checking an amount below, I agree to the terms and conditions for a Letter of Intent as set forth in the Statement of Additional Information (including the escrowing of shares). Although I am not obligated to complete a Letter of Intent, I plan to invest in one or more Putnam funds over a 13-month period an aggregate amount equal to at least the amount of the box checked below. I am aware that if I do not invest at least this amount over a 13-month period any purchases made pursuant to this Letter of Intent will be adjusted to the commission rate that otherwise would apply.

- \$50,000
 \$100,000
 \$250,000
 \$500,000
 \$1,000,000

Section 6D — Dividends and capital gains

Complete this section to select your dividend and capital gains option. If no option is selected, Putnam will default to reinvest all dividends and capital gains.

- Reinvest dividends and capital gains
 Reinvest dividends; pay capital gains by check to my mailing address
 Pay dividends and capital gains by check to my mailing address
 Reinvest dividends and capital gains in another Putnam Fund of the same share class (specify below)
 Pay dividends by check to my mailing address; reinvest capital gains

From: fund name or fund number/account number	→	To: fund name or fund number/account number
<input type="text"/>		<input type="text"/>

Section 6E — Checkwriting

Checkwriting is an option for select Putnam funds, see the fund list included with this application for availability (please note that funds may be unavailable for 10 calendar days following a purchase). Please complete Putnam's Checkwriting privilege form if you would like to utilize this option.

Section 6F — Cost basis accounting method

Please elect a cost basis accounting method for your Putnam accounts. Putnam uses Average Cost as its default cost basis accounting method. If you do not elect a method, Putnam will default to Average Cost.

- Average Cost

If you would like to elect a method other than Average Cost, please choose from the list below. For the Specific Lot ID method, you must elect a secondary accounting method to be used as an alternate in the event that Specific Lot depletion information is not provided. If no secondary accounting method is elected, Putnam will default to First-In First-Out.

- First-In First-Out
 Last-In First-Out
 Specific Lot ID: Secondary accounting method
 High Cost
 Low Cost
 Loss/Gain Utilization

Putnam will carry forward your cost basis election to any new accounts established within your registration. If you would like to use different cost basis accounting methods for different accounts, you must complete the Cost basis accounting method election form.

Section 7 Authorize Putnam to open your account

I do not authorize telephone redemptions. Accept only written instructions signed by me.

Unless I have checked the box above, Putnam Investor Services is authorized to act upon redemption instructions up to \$100,000 received by telephone from me or any other person claiming to act as my representative who can provide Putnam with my account registration and address as it appears on Putnam's records. For eligible redemptions without a medallion guarantee, the address on record must be maintained at Putnam for a minimum of 15 days. Putnam will not be liable for unauthorized transactions if it employs reasonable procedures to confirm that instructions received by telephone are genuine. I agree to indemnify and hold harmless Putnam Investor Services and any Putnam funds that may be involved in transactions authorized by telephone against any claim or loss in connection with any telephone transaction effected on my account.

I do not authorize the mailing of only one shareholder report, one prospectus, or one set of proxy materials if there are multiple accounts in a Putnam fund at my address. Send a separate copy for every account.

Unless I have checked the box above, Putnam Investor Services is authorized to send only one shareholder report, one prospectus, or one set of proxy materials for all accounts in any Putnam fund at my address.

Important notice regarding Putnam's privacy policy: By signing this application, I acknowledge that Putnam's privacy policy is available for viewing and printing via Putnam's website at <https://www.putnam.com/policies/>

In accordance with federal law, the Putnam funds are required to obtain the name, residential or business address, Social Security or tax identification number, and date of birth for each registered owner in order to verify their identities. For certain entities such as trusts, estates, corporations, partnerships, or other organizations, additional documentation may be required (see the following terms and conditions or call Putnam at 1-800-225-1581). The funds are unable to accept new accounts if any required information is not provided. If the funds are unable to verify your identity, your account will be closed at the then-current NAV, which may be more or less than your original investment, and the proceeds will be sent to you, net of any applicable sales charges. The information you provide may be shared with third parties for the purpose of verification subject to the terms of Putnam's privacy policy.

If I have completed the bank account information in Section 6A, I authorize my bank/credit union to accept debit/credit entries initiated by Putnam Investor Services to my account and to debit/credit, as requested, the same to my account, without responsibility for correctness thereof or for the existence of any further authorization relating thereto. I authorize Putnam to make a follow-up attempt in retrieving any monies that are denied due to insufficient funds (i.e., systematic purchase bounce). I agree to indemnify and hold harmless my/our bank/credit union, the Putnam funds, and Putnam Investor Services for any loss, liability, or expense incurred from acting on these instructions. I also agree to waive any right under the NACHA Rules to rescind any instruction for ACH transactions that have already occurred at the time of the attempt to rescind. This waiver of the rescission right applies to both ACH investments in and ACH redemptions from the Putnam funds. This authorization may be terminated by me at any time by written notification to Putnam Investor Services, with reasonable time given to implement my/our request.

For bank account information (Section 6A), Putnam does not assess a fee for federal bank wire and/or ACH transactions on your account(s). Some banks/credit unions may not offer ACH transactions or may charge a fee to conduct such transactions. Please check with your financial institution for information regarding eligibility, fees and applicable routing number(s) for federal bank wire and/or ACH transactions.

If I have completed a Letter of Intent (LOI) in Section 6C, I agree that the minimum initial investment, which will be held in escrow until the full LOI amount is purchased, is 5% of the amount checked. If I invest less than the LOI amount, shares may be redeemed from my account to cover the higher sales charge. If I invest more, the sales charge will only be adjusted when and if my dealer refunds Putnam its portion of the adjustment. I will not receive LOI credit for shares purchased by dividend reinvestment.

My/Our signature(s) below indicates that I/we have read the fund prospectus(es) and agree to the terms therein and herein, and agree to receive a copy of Putnam's privacy notice with the confirmation of my/our investment.

By signing below, I/we certify under penalties of perjury that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me);
2. I am not subject to backup withholding because
 - a. I am exempt from backup withholding or
 - b. I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends (*cross out (b) if you have been notified by the IRS that you are currently subject to backup withholding*), or
 - c. the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person. For federal tax purposes, you are considered a U.S. person if you are:
 - a. An individual who is a U. S. citizen or a U.S. resident alien
 - b. A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States
 - c. An estate (other than a foreign estate), or
 - d. A domestic trust (as defined in Treasury Regulation 301.7701-7)
4. I am exempt from FATCA reporting

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

Signature of Owner/Custodian/Trustee/Authorized Signer

Print name of signature above

Date (mm/dd/yyyy)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Signature of Joint Owner/Co-Trustee/Co-Authorized Signer

Print name of signature above

Date (mm/dd/yyyy)

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Section 7 Authorize Putnam to open your account (continued)

Signature of bank account owner

If the checking or savings account indicated in Section 6A is not that of the Putnam account owner, an individual whose name appears on the bank account registration must sign below (only one bank account owner must sign). By signing below the bank account owner authorizes purchases to be made from the bank account.

Signature of bank account owner (if different from Putnam account owner, only one bank account owner must sign)

Date (mm/dd/yyyy)

Print name of signature above

Additional documentation for trusts, estates, and other entities

Trusts Provide an excerpt of the trust, including the first page, all signed pages, and the designation of trustees, certified within 120 days

Estates Provide a copy of the appointment of the executor, administrator, or personal representative, certified by the clerk of the issuing court within 120 days

Conservatorships/Guardianships Provide a copy of the Letter of Appointment of guardian or conservator which lists the powers of the appointed party as well as any and all restrictions, certified by the clerk of the issuing court within 120 days.

Corporations, partnerships, non-profit organizations and foundations (provide one of the following)

- A certificate of good standing issued by the state in which the entity is incorporated or organized
- Articles of incorporation or organization certified by the appropriate state agency
- A copy of IRS Employee Identification Number (EIN) assignment letter and one of the following: corporate resolution or equivalent, copy of by-laws, partnership agreement, or other organizing document

Section 8 Additional account owners

Please complete this section if you need additional space as stated in Section 1. **All information is required** for each joint account owner, co-trustee, or co-authorized signer.

Name of joint account owner/co-trustee/co-authorized signer

First

MI

Last

Suffix

Social Security number

Date of birth (mm/dd/yyyy)

Residential address (Required if different than mailing/residential address in Section 2. No P.O. Box or c/o addresses)

City

State

ZIP code

Name of joint account owner/co-trustee/co-authorized signer

First

MI

Last

Suffix

Social Security number

Date of birth (mm/dd/yyyy)

Residential address (Required if different than mailing/residential address in Section 2. No P.O. Box or c/o addresses)

City

State

ZIP code

Section 9 Additional account owner authorization

My/Our signature(s) below indicates that I/we have read the fund prospectus(es) and agree to the terms therein and herein, and agree to receive a copy of Putnam's privacy notice with the confirmation of my/our investment.

Signature of Joint Owner/Co-Trustee/Co-Authorized Signer

Date (mm/dd/yyyy)

Print name of signature above

Signature of Joint Owner/Co-Trustee/Co-Authorized Signer

Date (mm/dd/yyyy)

Print name of signature above