

**Return by mail:**

Putnam Investor Services  
P. O. Box 8383  
Boston, MA 02266-8383

**Return by express delivery:**

Putnam Investments  
30 Dan Road  
Canton, MA 02021

**For more information:**

Putnam Investments  
1-800-225-1581  
www.putnam.com

Please make checks payable to  
**The Putnam Funds**

**Section 1 Select your account type**

Please choose one account type and complete all items within that section. If you need additional space, please use Section 7.

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

Name of owner (first, middle, last)

Social Security number

Date of birth

Name of joint owner (first, middle, last)

Social Security number

Date of birth

**Custodial/Fiduciary account:**  Guardian  UTMA/UGMA  Conservator

Name of custodian or fiduciary (first, middle, last)

Social Security number

Date of birth

Name of minor or beneficial owner (first, middle, last)

Social Security number

Date of birth

Successor custodian designation

State (Donor/Minor)

- Trust** (additional documentation may be required, see Section 6)
- Corporation, partnership, or other entity** (additional documentation may be required, see Section 6)

Name of trust, corporation, partnership, or other entity

Date of trust

For the benefit of (first, middle, last name) (for trust accounts only)

Tax identification number

or

Social Security number (for personal trusts only)

For verification purposes, if you are signing this application on behalf of a club, please provide your name, Social Security number, date of birth, and residential address (please use section 2).

Trustee or first authorized signer's name (first, middle, last)

Social Security number

Date of birth

Trustee or second authorized signer's name (first, middle, last)

Social Security number

Date of birth

## Section 2 Provide your address

---

### Mailing address (required)

Street

City  State  Zip code

Day phone  Evening phone

### Residential address (required; post office boxes and c/o addresses will not be accepted.)

Check here if same as mailing address

Street

City  State  Zip code

## Section 3 Provide information about your financial advisor

---

Dealer number  Branch office number  Financial advisor number  BIN number

Name of financial advisor (first, middle initial, last)

Financial advisor's firm  Phone

Branch office street address

City  State  Zip code

## Section 4

### Select your funds

Choose your Putnam funds by checking the appropriate share class associated with the fund. **If no class of shares is selected, class A shares will be purchased.**

Indicate the amount of your initial investment in each fund.

Please make checks payable to The Putnam Funds.

Class A, B, and C shares are available only on terms set forth in the prospectus under *How to buy shares*. Check with your financial advisor on the availability of class C shares and other share classes.

If you have any questions or if you want to receive a copy of a fund prospectus, which contains information about fees, expenses, and risk, please contact your financial advisor or call a Putnam customer service representative at 1-800-225-1581. Please read the prospectus carefully before you invest or send money.

\* Money market funds are not insured or guaranteed by the Federal Deposit Insurance Corporation (FDIC) or any other governmental agency. Although the fund seeks to maintain a constant share price of \$1.00, it is possible to lose money by investing in this fund.

† Checkwriting is available.

| PUTNAM FUND NAME                          | CLASS A                       | CLASS B                       | CLASS C                       | INITIAL INVESTMENT |
|---|-------------------------------|-------------------------------|-------------------------------|--------------------|
| <b>Income (tax free)</b>                  |                               |                               |                               |                    |
| AMT-Free Insured Municipal Fund           | <input type="checkbox"/> 0039 | <input type="checkbox"/> 0239 | <input type="checkbox"/> 0439 | \$                 |
| Arizona Tax Exempt Income Fund            | <input type="checkbox"/> 0034 | <input type="checkbox"/> 0234 | <input type="checkbox"/> 0434 | \$                 |
| California Tax Exempt Income Fund         | <input type="checkbox"/> 0015 | <input type="checkbox"/> 0215 | <input type="checkbox"/> 0415 | \$                 |
| Massachusetts Tax Exempt Income Fund      | <input type="checkbox"/> 0025 | <input type="checkbox"/> 0225 | <input type="checkbox"/> 0425 | \$                 |
| Michigan Tax Exempt Income Fund           | <input type="checkbox"/> 0026 | <input type="checkbox"/> 0226 | <input type="checkbox"/> 0426 | \$                 |
| Minnesota Tax Exempt Income Fund          | <input type="checkbox"/> 0027 | <input type="checkbox"/> 0227 | <input type="checkbox"/> 0427 | \$                 |
| New Jersey Tax Exempt Income Fund         | <input type="checkbox"/> 0029 | <input type="checkbox"/> 0229 | <input type="checkbox"/> 0429 | \$                 |
| New York Tax Exempt Income Fund           | <input type="checkbox"/> 0016 | <input type="checkbox"/> 0216 | <input type="checkbox"/> 0416 | \$                 |
| Ohio Tax Exempt Income Fund               | <input type="checkbox"/> 0028 | <input type="checkbox"/> 0228 | <input type="checkbox"/> 0428 | \$                 |
| Pennsylvania Tax Exempt Income Fund       | <input type="checkbox"/> 0024 | <input type="checkbox"/> 0224 | <input type="checkbox"/> 0424 | \$                 |
| Tax Exempt Income Fund                    | <input type="checkbox"/> 0009 | <input type="checkbox"/> 0209 | <input type="checkbox"/> 0409 | \$                 |
| Tax Exempt Money Market Fund*             | <input type="checkbox"/> 0021 | <input type="checkbox"/> 0221 | <input type="checkbox"/> 0421 | \$                 |
| Tax-Free High Yield Fund                  | <input type="checkbox"/> 0040 | <input type="checkbox"/> 0240 | <input type="checkbox"/> 0440 | \$                 |
| <b>Income (taxable)</b>                   |                               |                               |                               |                    |
| American Government Income Fund†          | <input type="checkbox"/> 0018 | <input type="checkbox"/> 0218 | <input type="checkbox"/> 0418 | \$                 |
| Floating Rate Income Fund                 | <input type="checkbox"/> 0057 | <input type="checkbox"/> 0222 | <input type="checkbox"/> 0422 | \$                 |
| Diversified Income Trust                  | <input type="checkbox"/> 0022 | <input type="checkbox"/> 0257 | <input type="checkbox"/> 0457 | \$                 |
| Global Income Trust                       | <input type="checkbox"/> 0020 | <input type="checkbox"/> 0220 | <input type="checkbox"/> 0420 | \$                 |
| High Yield Advantage Fund                 | <input type="checkbox"/> 0019 | <input type="checkbox"/> 0219 | <input type="checkbox"/> 0419 | \$                 |
| High Yield Trust                          | <input type="checkbox"/> 0011 | <input type="checkbox"/> 0211 | <input type="checkbox"/> 0411 | \$                 |
| Income Fund                               | <input type="checkbox"/> 0003 | <input type="checkbox"/> 0203 | <input type="checkbox"/> 0403 | \$                 |
| Money Market Fund*†                       | <input type="checkbox"/> 0008 | <input type="checkbox"/> 0208 | <input type="checkbox"/> 0408 | \$                 |
| U.S. Government Income Trust†             | <input type="checkbox"/> 0017 | <input type="checkbox"/> 0217 | <input type="checkbox"/> 0417 | \$                 |
| <b>Value</b>                              |                               |                               |                               |                    |
| The George Putnam Fund of Boston          | <input type="checkbox"/> 0002 | <input type="checkbox"/> 0202 | <input type="checkbox"/> 0402 | \$                 |
| Classic Equity Fund                       | <input type="checkbox"/> 0047 | <input type="checkbox"/> 0247 | <input type="checkbox"/> 0447 | \$                 |
| Convertible Income-Growth Trust           | <input type="checkbox"/> 0007 | <input type="checkbox"/> 0207 | <input type="checkbox"/> 0407 | \$                 |
| Equity Income Fund                        | <input type="checkbox"/> 0010 | <input type="checkbox"/> 0210 | <input type="checkbox"/> 0410 | \$                 |
| The Putnam Fund for Growth and Income     | <input type="checkbox"/> 0004 | <input type="checkbox"/> 0204 | <input type="checkbox"/> 0404 | \$                 |
| International Growth and Income Fund      | <input type="checkbox"/> 0051 | <input type="checkbox"/> 0251 | <input type="checkbox"/> 0451 | \$                 |
| Mid Cap Value Fund                        | <input type="checkbox"/> 0056 | <input type="checkbox"/> 0256 | <input type="checkbox"/> 0456 | \$                 |
| New Value Fund                            | <input type="checkbox"/> 0046 | <input type="checkbox"/> 0246 | <input type="checkbox"/> 0446 | \$                 |
| Small Cap Value Fund                      | <input type="checkbox"/> 0053 | <input type="checkbox"/> 0253 | <input type="checkbox"/> 0453 | \$                 |
| <b>Blend</b>                              |                               |                               |                               |                    |
| Capital Appreciation Fund                 | <input type="checkbox"/> 0038 | <input type="checkbox"/> 0238 | <input type="checkbox"/> 0438 | \$                 |
| Capital Opportunities Fund                | <input type="checkbox"/> 0054 | <input type="checkbox"/> 0254 | <input type="checkbox"/> 0454 | \$                 |
| Europe Equity Fund                        | <input type="checkbox"/> 0032 | <input type="checkbox"/> 0232 | <input type="checkbox"/> 0432 | \$                 |
| Global Equity Fund                        | <input type="checkbox"/> 0044 | <input type="checkbox"/> 0244 | <input type="checkbox"/> 0444 | \$                 |
| Global Natural Resources Fund             | <input type="checkbox"/> 0012 | <input type="checkbox"/> 0212 | <input type="checkbox"/> 0412 | \$                 |
| International Capital Opportunities Fund  | <input type="checkbox"/> 0050 | <input type="checkbox"/> 0250 | <input type="checkbox"/> 0450 | \$                 |
| International Equity Fund                 | <input type="checkbox"/> 0035 | <input type="checkbox"/> 0235 | <input type="checkbox"/> 0435 | \$                 |
| Investors Fund                            | <input type="checkbox"/> 0001 | <input type="checkbox"/> 0201 | <input type="checkbox"/> 0401 | \$                 |
| Research Fund                             | <input type="checkbox"/> 0049 | <input type="checkbox"/> 0249 | <input type="checkbox"/> 0449 | \$                 |
| Tax Smart Equity Fund®                    | <input type="checkbox"/> 0055 | <input type="checkbox"/> 0255 | <input type="checkbox"/> 0455 | \$                 |
| Utilities Growth and Income Fund          | <input type="checkbox"/> 0033 | <input type="checkbox"/> 0233 | <input type="checkbox"/> 0433 | \$                 |
| <b>Growth</b>                             |                               |                               |                               |                    |
| Discovery Growth Fund                     | <input type="checkbox"/> 0037 | <input type="checkbox"/> 0237 | <input type="checkbox"/> 0437 | \$                 |
| Growth Opportunities Fund                 | <input type="checkbox"/> 0048 | <input type="checkbox"/> 0248 | <input type="checkbox"/> 0448 | \$                 |
| Health Sciences Trust                     | <input type="checkbox"/> 0013 | <input type="checkbox"/> 0213 | <input type="checkbox"/> 0413 | \$                 |
| International New Opportunities Fund      | <input type="checkbox"/> 0045 | <input type="checkbox"/> 0245 | <input type="checkbox"/> 0445 | \$                 |
| New Opportunities Fund                    | <input type="checkbox"/> 0031 | <input type="checkbox"/> 0231 | <input type="checkbox"/> 0431 | \$                 |
| OTC & Emerging Growth Fund                | <input type="checkbox"/> 0014 | <input type="checkbox"/> 0214 | <input type="checkbox"/> 0414 | \$                 |
| Small Cap Growth Fund                     | <input type="checkbox"/> 0052 | <input type="checkbox"/> 0252 | <input type="checkbox"/> 0452 | \$                 |
| Vista Fund                                | <input type="checkbox"/> 0005 | <input type="checkbox"/> 0205 | <input type="checkbox"/> 0405 | \$                 |
| Voyager Fund                              | <input type="checkbox"/> 0006 | <input type="checkbox"/> 0206 | <input type="checkbox"/> 0406 | \$                 |
| <b>Asset Allocation</b>                   |                               |                               |                               |                    |
| Asset Allocation: Growth Portfolio        | <input type="checkbox"/> 0043 | <input type="checkbox"/> 0243 | <input type="checkbox"/> 0443 | \$                 |
| Asset Allocation: Balanced Portfolio      | <input type="checkbox"/> 0041 | <input type="checkbox"/> 0241 | <input type="checkbox"/> 0441 | \$                 |
| Asset Allocation: Conservative Portfolio  | <input type="checkbox"/> 0042 | <input type="checkbox"/> 0242 | <input type="checkbox"/> 0442 | \$                 |
| Income Strategies Fund                    | <input type="checkbox"/> 0058 | <input type="checkbox"/> 0258 | <input type="checkbox"/> 0458 | \$                 |
| RetirementReady® Fund, Target date: _____ | N/A                           | N/A                           | N/A                           | \$                 |

## Section 5 Select your account features (optional)

### Dividends and capital gains

**All dividends and capital gains will be reinvested in additional shares of the same fund and class unless you select a different option below.**

If you choose to have your dividends and capital gains deposited to your bank account, you must also complete the [Bank account information](#) section below and include a voided check or preprinted deposit slip with your application.

- |  |  |
|--|--|
| <input type="checkbox"/> Pay dividends and capital gains by check to my mailing address                                  | <input type="checkbox"/> Deposit dividends and capital gains to my bank account                      |
| <input type="checkbox"/> Pay dividends by check to my mailing address; reinvest capital gains in my existing Putnam fund | <input type="checkbox"/> Reinvest dividends and capital gains in another Putnam fund (specify below) |
| <input type="checkbox"/> Reinvest dividends in my existing Putnam fund; pay capital gains by check to my mailing address |  |

From fund name or account number

To fund name or account number

From fund name or account number

To fund name or account number

### Systematic purchases

Complete this section to establish automatic investments at specific intervals. The initial withdrawal, and all future withdrawals, from your bank account will be made on the day of the month you choose (purchase date). Your bank account will be debited on the next business day if your purchase date falls on a weekend or holiday. If you select the 29th–31st day of a month, we'll debit your account on the last business day of the month.

You must also complete the [Bank account information](#) section below and include a voided check or preprinted deposit slip with your application.

Fund name

Amount

\$

Purchase date (mm/dd)

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| <input type="checkbox"/> Monthly   | <input type="checkbox"/> Semiannually |
| <input type="checkbox"/> Quarterly | <input type="checkbox"/> Annually     |

Fund name

Amount

\$

Purchase date (mm/dd)

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| <input type="checkbox"/> Monthly   | <input type="checkbox"/> Semiannually |
| <input type="checkbox"/> Quarterly | <input type="checkbox"/> Annually     |

Fund name

Amount

\$

Purchase date (mm/dd)

- |                                    |                                       |
|------------------------------------|---------------------------------------|
| <input type="checkbox"/> Monthly   | <input type="checkbox"/> Semiannually |
| <input type="checkbox"/> Quarterly | <input type="checkbox"/> Annually     |

### Bank account information

Complete this section if you have chosen the systematic purchase account feature above, or are activating the ACH or permanent bank wire services below.

Check the additional services you would like to activate:

- On-demand automatic clearing house (ACH): allows for one-time automated investment via phone or web.
- Permanent bank wire: allows authorized redemptions to bank account via wiring authorization.

Check the account you would like to use:

- Checking account
- Savings account

ABA routing number of financial institution

Your account number

### 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 charges you pay.

#### 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.

Putnam account numbers

#### LETTER OF INTENT

- I agree to the terms of the Letter of Intent and the conditions set forth in the Statement of Additional Information (including the escrowing of shares).

Although I am not obligated, I plan to invest in one or more Putnam funds over a 13-month period in an aggregate amount at least equal to:

- |                                    |                                      |                                    |
|------------------------------------|--------------------------------------|------------------------------------|
| <input type="checkbox"/> \$50,000  | <input type="checkbox"/> \$100,000   | <input type="checkbox"/> \$250,000 |
| <input type="checkbox"/> \$500,000 | <input type="checkbox"/> \$1,000,000 |                                    |

## Section 6 Authorize Putnam to open your account

I do NOT authorize telephone transactions. **Accept only written instructions signed by me and all registered owners.**

Unless I have checked the box above, Putnam Investor Services is authorized to act upon instructions 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. Redemption proceeds of up to \$100,000 will be sent to me at an address on record with Putnam for at least 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.

**Under penalties of perjury, I certify that**

1. the Social Security or tax identification number I have provided is correct;
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), or
  - c. the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. person or a resident alien.

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding. 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 terms and conditions below 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, and the proceeds will be sent to you. 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 section, I authorize my bank/credit union to accept debit entries initiated by Putnam Investor Services to my account and to debit, 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 those 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.

If I have checked off the permanent bank wire option, I/we authorize Putnam Investor Services to act upon instructions received by telephone or in writing from me or the financial advisor designated on my account. I understand that redemptions of uncertificated shares up to \$100,000 will be sent only to the bank account specified on the preceding page. Putnam will employ reasonable procedures to confirm that instructions are genuine. I understand that this information may not be updated over the phone, and that I must complete this form to change any bank wire instructions on my account. 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, loss, expense, or damage, including reasonable fees of investigation and counsel, in connection with any telephone withdrawal affected on my account.

**My signature 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 investment.**

Signature of Owner, Custodian, or Trustee

Date

Signature of Joint Owner, Co-Trustee, or Corporate Officer

Date

Signature of bank account owner (if different from account owner)

Date

Signature of joint bank account owner (if different from account owner)

Date

### 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

**Corporations, partnerships, organizations, and other entities** (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 7 Additional account owners

Please complete and return this page only if you need additional space to include information from Section 1, Account type.

---

Name

Social Security number or tax identification number

Date of birth

Residential address (required)

City

State

Zip code

Name

Social Security number or tax identification number

Date of birth

Residential address (required)

City

State

Zip code