Request for return of excess contribution

Return by standard delivery:

Putnam Investments PO Box 219697 Kansas City, MO 64121-9697

Return by overnight delivery:

Putnam Investments 801 Pennsylvania Ave Suite 219697 Kansas City, MO 64105-1307

For more information:

Putnam Investments 1-800-662-0019 www.putnam.com

Suffix

Social Security number

Date of contribution* (mm/dd/yyyy; required)



Use this form to request a return of excess contribution from your Putnam IRA or Roth IRA. Distributions from these accounts may have tax consequences. Consult your tax advisor if you have any questions. Do not use this form to recharacterize contributions between a Traditional IRA and a Roth IRA.

Section 1 Account owner information

Name of account owner	
First	

MI Last

Contact phone number

Note: Providing a phone number above will replace the current contact information on file with Putnam (if applicable).

Section 2 Description of excess contribution

2A Indicate the Putnam IRA account associated with the excess contribution along with the details related to the excess contribution.

Account number	

Dollar amount

Contribution year

*For multiple excess contributions within a single year; provide the date of the initial excess contribution.

2B Indicate the fund-account(s) from which to remove any excess contributions plus/minus any earnings. Please indicate the applicable distribution percentage from each fund. Percentages must total to 100%. Please attach a separate letter of instruction for additional distribution instructions. If no indication is provided; contributions will be removed based on how they were initially contributed.

Fund number	Account number	Dollar amount	Percentage
	-	\$	or %
	-	\$	or %
	-	\$	or %
	-	\$	or %

2C Choose only one option to correct your excess IRA contribution. Your selection will depend on when you made the original contribution, your tax filing deadline (plus extensions), and today's date. Please review both options before selecting which one is right for you.

Option 1: Correction before the tax filing deadline or between the tax filing deadline and extension

This correction is a taxable event and will generate 1099-R form for the full amount of the excess contribution plus any applicable earnings. The earnings should be included as income in the year the contribution was made, and may be subject to a 10% penalty if you are under age 59½.

If you are correcting an excess contribution after the tax filing deadline and before the tax filing extension deadline, please check below to have the applicable earnings included.

Include applicable earnings with the distribution of the excess contribution

Option 2: Correction after the tax filing deadline (including extension)

This correction is a taxable event and will generate a 1099-R form for the full amount of the excess contribution. The amount of the excess contribution will be removed, but no calculations will be done for the earnings. The excess contribution is subject to a 6% excise tax for each year that it remains in the account and you may be subject to a 10% penalty on the entire amount returned if you are under age 59 1/2.

Section 3 Distribution payment instructions

Select your payment instructions below; if no selection/instructions are provided, payment will be made to the account owner as registered to the address of record. See Section 4 for signature guarantee/medallion guarantee stamp requirements.

Reinvest

Proceeds must be reinvested into the same share class. Unless otherwise indicated on this form, a separate letter of instruction or a new account application, proceeds will also be reinvested into the same fund(s) for non-retirement accounts.

Into the same Putnam IRA using a contribution year of (only prior year and current year contributions are permitted). For prior year contributions, the envelope must be postmarked on or before the tax filing deadline. Allocations will remain consistent with those provided in Section 2B unless a letter of instruction is provided to indicate new allocations.

Into a new/existing Putnam non-retirement account. Please attach the applicable completed account application when establishing a new account.

Account number (if applicable)

Name(s) of the new/registered owner(s), custodian/minor, trust, organization or business entity (required)

Electronically deposit (a signature guarantee/medallion guarantee stamp is required)

Into the bank account indicated on the attached document. A preprinted or web-generated voided check/deposit slip or a signed letter from the bank on bank letterhead must be attached. Each of these documents must include: bank name, name(s) as registered on the bank account, routing number, and account number. Brokerage checks and investment company checks cannot be used for bank instructions as these checks do not contain the correct wiring information. Contact your investment company to obtain proper wire instructions on signed letterhead. Starter checks will not be accepted. **Please do not staple**.

Indicate the type of bank account you would like to use:

Checking account Savings account

Note: One-time distributions will be sent via Federal bank wire. Putnam does not assess a fee for electronic transactions: however some banks/credit unions may assess a fee upon receipt. Please check with your financial institution for information regarding eligibility, fees, and applicable routing number(s) for Federal bank wire transactions.

Bank ABA routing number Bank account number

Send check

Step 1: Select a delivery method

Mail check(s) via standard delivery (U.S. Postal Service)

Mail check(s) via overnight/express delivery

A \$20 service charge will apply for overnight/express delivery requests. The fee will be taken from the account with the lowest fund number involved in the transaction. For partial redemptions, the service charge will be taken from the remaining balance in the account.

Step 2: Provide payee/address instructions

To the account owner as registered to the address of record

To the alternate payee/alternate address listed below (review signature guarantee/medallion guarantee stamp requirements):

Alternate payee

Alternate mailing address (street, city, state, ZIP code)

Section 4 Authorization

Putnam requires the signature guarantee/medallion guarantee stamp for any of the scenarios listed below:

- Distribution is sent electronically to a bank account
- Check is not payable solely to the registered account owner
- Distribution amount exceeds \$25,000 and the check is mailed to an address not on file with Putnam or to an address that has been added or changed in the past 15 days
- Request is signed by anyone other than the registered account owner (must be **signed in capacity** and accompanied by the appropriate **certified legal document(s) with original certification**; a certification older than **120 days** is not valid; some distribution restrictions may apply)
- Distribution is reinvested in an account that is not registered solely in the owner's name

Distribution amount is more than \$250,000

A signature guarantee/medallion guarantee is a stamped assurance by a financial institution that indicates a signature is valid and has the financial backing of the institution.

I request the distribution indicated above. I further certify that all the information on this form, including the Social Security number set forth in Section 1, is true, correct, and complete. I authorize the bank/credit union to accept credit entries initiated by Putnam Investor Services, Inc. to the account designated in Section 3, and to credit the same account, without responsibility for correctness thereof or for the existence of any further authorization relating thereto. I agree to indemnify and hold harmless my bank/credit union, the Putnam funds, and Putnam Investor Services, Inc. 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 which have already occurred at the time of the attempt to rescind. This waiver of the rescission right applies to ACH liquidations from the Putnam funds. This authorization may be terminated by me at anytime by written notification to Putnam Investor Services, Inc. with reasonable time given to implement my request.

Note: By signing below, I acknowledge that the requested distribution may be subject to taxes and/or penalties. Please consult your tax advisor for any tax related inquiries.

My signature below also indicates that if I am designating an investment in a fund that I do not already own I have read the fund prospectus(es) and agree to the terms therein.

The registered owner named in Section 1 must sign below.

PLACE SIGNATURE/MEDALLION GUARANTEE STAMP BELOW THE GUARANTEE SHOULD NOT BE DATED

Signature of account owner

Print name of signer

Current date (mm/dd/yyyy)

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Signature authentication guidelines



Use this document as a reference to explain the different authentications that may be required to process a transaction. Please refer to the specific Putnam form to verify which type of authentication is required as not all signature authentication types are acceptable for all transactions. You may be able to obtain signature authentication from securities broker/dealers, commercial banks, federally chartered savings institutions, federally chartered credit unions, trust companies, state chartered savings institutions or credit unions. Check with your financial institution for availability.

All authentications must be original; photocopies or fax copies are not acceptable.

This document is for reference only. Please do not stamp this form.

Medallion Program Signature Guarantee

A Medallion Program signature guarantee is a form of signature guarantee that is a stamped assurance provided by a financial institution that guarantees that a signature is genuine, the signer is an appropriate person to sign and the signer has legal capacity to sign. The purpose of a signature guarantee is to protect transfer agents and shareholders against loss from fraudulent signatures on instructions in connection with securities transactions, which are defined as the sale, assignment, transfer or redemption of a security. A Medallion Program signature guarantee provides additional protection against fraud by using special security ink, a bar code that can be scanned to identify a stamp that has been reported lost or stolen, and a prefix code that discloses the maximum transaction value covered by the stamp (see chart below). The guarantee should **not** be dated.

Prefix Letter	Liability Limit per Transaction
Z	\$10,000,000
Y	\$5,000,000
Х	\$2,000,000
A	\$1,000,000
В	\$750,000
С	\$500,000
D	\$250,000
E	\$100,000
F	\$100,000 (credit unions only)



The letter prefix of each identification number signifies the amount of the surety bond obtained by the guarantor. The amount of coverage associated with the corresponding prefix is detailed above.

Signature Guarantee

A signature guarantee is a stamped assurance provided by a financial institution that guarantees that a signature is genuine, the signer is an appropriate person to sign and the signer has legal capacity to sign. The purpose of the signature guarantee is to protect transfer agents and shareholders against loss from fraudulent signatures on instructions in connection with securities transactions, which are defined as the sale, assignment, transfer or redemption of a security.

