

Individual 401(k) New Account Form

Use this form to establish a participant account for an Individual 401(k) Plan. Both the participant and the plan administrator must sign in Section 6.

Note: A completed and signed Individual 401(k) Salary Reduction Agreement must be submitted to your plan administrator and kept on file with all plan documentation.

Print in capital letters and use black ink.

Questions? Call 800-376-9162.

If you need other forms, go to vanguard.com/serviceforms.

1. Plan information

| Plan name | | | | |
|--|--|--|--|--|
| Employer's federal tax ID number | Vanguard plan ID number for existing plans | | | |
| Plan contact name first, middle initial, last | | | | |
| Business phone number area code, number, extension | | | | |

2. Participant information

| Provide the full, legal name. | Name first, middle initial, last | | | |
|--|--|-----------------|------------|--------------------------------------|
| | Birth date mm/dd/yyyy | Social Security | y number o | or individual taxpayer ID number |
| | Daytime phone area code, number | r, extension | Evening p | hone area code, number, extension |
| | E-mail address | | | |
| | | | | |
| | Check this box if the participant wants to be designated as an interested party to receive duplicate statements on his or her account. | | | |
| | | | | |
| | Citizenship | | | Tax residency |
| You must complete | ☐ U.S. ☐ Resident alien ☐ | Nonresiden | t alien* | ☐ U.S. ☐ Other |
| You must complete this entire section. | Country of citizenship if not U.S. | | | Country of tax residence if not U.S. |

^{*}If you're a nonresident alien, you must complete an IRS Form W-8 electronically to certify your tax status, and to claim treaty benefits if applicable. We'll mail you instructions for completing the electronic Form W-8 once your account has been established.

| Participant address | (required) A P.O. | Box or Rural | Route isn's | t acceptable; | address | can be | military |
|---------------------|-------------------|--------------|-------------|---------------|---------|--------|----------|
| APO or FPO. | | | | | | | |

| Street | Country if not U.S. |
|------------------|---------------------|
| City, state, zip | |

Mailing address required if mailing address is different from participant address listed above

| Street or P.O. box | Country if not U.S. |
|--------------------|---------------------|
| City, state, zip | |

3. Funds you'd like to invest in You must indicate at least one fund.

You can establish either of the following account types—or both—within the Vanguard Individual 401(k) Plan:

- Individual (pre-tax). Allows both employee salary deferral and employer contributions.
- Roth (after-tax). Allows only employee salary deferral contributions.

Check and complete the appropriate section(s) for the account(s) you wish to open.

- This plan is eligible for Investor Shares only. Don't list Admiral Shares.
- If you're funding your new account at this time, indicate your fund selection(s), contribution amount(s), and contribution year in the appropriate boxes.
- If you're not making an investment at this time, you must still indicate at least one fund name and number in order to establish your new account.

Refer to the enclosed fund prospectus(es) or go to vanguard.com for fund names and numbers.

☐ Open an individual (pre-tax) account. Complete the "Employee salary deferral" and "Employer" fields only if you're mailing a contribution check with this form.

If you're investing in a fund with a minimum initial investment of \$10,000 or more, you must meet the minimum investment for that fund.

| Fund name | Fund number | Employee salary deferral | Employer |
|-----------|-------------|--------------------------|----------|
| | | \$ | \$ |
| Fund name | Fund number | Employee salary deferral | Employer |
| | | \$ | \$ |
| Fund name | Fund number | Employee salary deferral | Employer |
| | | \$ | \$ |
| Fund name | Fund number | Employee salary deferral | Employer |
| | | \$ | \$ |

If you don't indicate a contribution year, we'll process the contribution for the current year.

Contribution year

| | ☐ Open a Roth (after-tax) acc mailing a contribution check wit | ount. Complete the "Employee salary h this form. | deferral" field only if you're |
|---|---|---|--------------------------------|
| | Fund name | Fund number | Employee salary deferral |
| If you're investing | | | \$ |
| in a fund with a | Fund name | Fund number | Employee salary deferral |
| minimum initial investment of | | | \$ |
| \$10,000 or more, you must meet the minimum investment | Fund name | Fund number | Employee salary deferral |
| | | | \$ |
| for that fund. | Fund name | Fund number | Employee salary deferral |
| | | | \$ |
| If you don't indicate a contribution year, we'll process the | Contribution year | | |
| contribution for the current year. Note: We charge participants a \$20 annual account service fee for each mutual fund they hold in their | | | ual fund they hold in their |

4. Beneficiaries for this account

Marital status of participant Check one.

| I'm married. I understand that if I designate any primary beneficiaries other than or in addition to my spouse, my spouse must provide consent in Section 5 by signing and having his or her signature notarized by a notary public. |
|--|
| I'm not married. |

Vanguard Individual 401(k) account. We'll withdraw the fee directly from the fund accounts each year. The fee will be waived for all participants in the plan if at least one participant qualifies for Flagship Select™, Flagship®, Voyager Select®, or Voyager Services®. (If you have an Individual 401(k) account, you must have an additional Vanguard mutual fund account relationship to qualify for these services.)

Beneficiary designations

Provide information on your primary beneficiaries and secondary beneficiaries on pages 4 and 5. If you don't identify the percentage you want allocated to each beneficiary, your 401(k) account assets will be allocated equally among the indicated beneficiaries.

If a primary beneficiary dies before you, that beneficiary's share will be divided proportionately among the surviving primary beneficiaries. We use the same method for allocating assets among secondary beneficiaries.

Primary beneficiaries Check all that apply.

Those you designate as your primary beneficiaries will be first to inherit your 401(k) account assets upon your death. Indicate the percentages of your assets to be distributed to the designated primary beneficiaries upon your death. The minimum percentage you can leave to a beneficiary is 1% and the total to all beneficiaries must equal 100%.

My spouse

If you list your spouse by name and your situation changes (i.e., you divorce), your designation may be impacted by the terms of the plan or applicable law.

| | impactod 27 tile terme er tre plan er approache lann | | |
|--|--|---|-------|
| | $\ \square$ To the person named here | | |
| | Name first, middle initial, last | Birth date mm/dd/yyyy | |
| Charle and | | | % |
| Check only one option; don't | Or | -l +l- | |
| check both boxes. | ☐ To the person I'm married to at the time of my | | |
| | If you select this option, your assets will be distribute at that time. You don't need to provide a name. | d to whoever is your spouse | % |
| | | | |
| | Descendants or individuals | | |
| | ☐ To my descendants who survive me, per stirpe: | 5 | |
| If you select one of | Your assets will be divided equally among your survivin deceased, the entire portion due to that child will be div | | |
| these designations, don't list the names | | . , . | % |
| of your descendants/ grandchildren below. | | | |
| | ☐ Equally to my grandchildren who survive me | | % |
| | | | |
| | ☐ To the following named individual(s): | | |
| | ☐ Name of individual first, middle initial, last | Birth date mm/dd/yyyy | |
| Attach a separate sheet if you want to | | | % |
| list more individuals. | ☐ Name of individual first, middle initial, last | Birth date mm/dd/yyyy | 0/ |
| | | | % |
| | Trusts | | |
| | $\ \ \square$ To the trustee of an existing trust created unde | r an agreement | |
| | Name of trust | Date of trust mm/dd/yyyy | |
| This applies to existing trusts only; | | | % |
| you can't create a trust with this form. | \Box To the trustee of a trust created under my last | will | |
| trust with this form. | Name of trust or section of will | | |
| | | | % |
| | Othor | | |
| Attach a separate | Other | | |
| sheet if you want to | ☐ Organization or charity Provide name. | | % |
| list more names. | ☐ My estate | | 70 |
| | · | | % |
| | | 1. (1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1. | Total |
| | If the percentages will allocate equal | don't total 100%, Vanguard percentages totaling 100%. | 100% |

Secondary beneficiaries Check all that apply.

Those you designate as your secondary beneficiaries will inherit your assets only if there are no surviving primary beneficiaries upon your death. Indicate the percentages of your assets to be distributed to the designated secondary beneficiaries upon your death. The minimum percentage you can leave to a beneficiary is 1% and the total to all beneficiaries must equal 100%.

My spouse

If you list your spouse by name and your situation changes (i.e., you divorce), your designation may be impacted by the terms of the plan or applicable law.

| | ☐ To the person named here Name first, middle initial, last | Birth date mm/dd/yyyy | % | |
|--|--|--|--------|--|
| Check only | or | | 70 | |
| one option; don't > check both boxes. | ☐ To the person I'm married to at the time of my o | leath | | |
| | If you select this option, your assets will be distributed at that time. You don't need to provide a name. | If you select this option, your assets will be distributed to whoever is your spouse at that time. You don't need to provide a name. | | |
| | Descendants or individuals | | | |
| | ☐ To my descendants who survive me, per stirpes | | | |
| If you select one of these designations, don't list the names > of your descendants/ | Your assets will be divided equally among your surviving the entire portion due to that child will be divided equally any). This designation excludes stepchildren and stepgra | among his or her children (if | , % | |
| grandchildren below. | ☐ Equally to my grandchildren who survive me | ☐ Equally to my grandchildren who survive me | | |
| | | | | |
| | ☐ To the following named individual(s): | | | |
| Attach a separate | ☐ Name of individual first, middle initial, last | Birth date mm/dd/yyyy | % | |
| sheet if you want to > list more individuals. | ☐ Name of individual first, middle initial, last | Birth date mm/dd/yyyy | % | |
| | Trusts | | | |
| | ☐ To the trustee of an existing trust created under | an agreement | | |
| This applies to | Name of trust | Date of trust mm/dd/yyyy | % | |
| existing trusts only; you can't create a trust with this form. | ☐ To the trustee of a trust created under my last w | -⊥ vill | 70 | |
| | Name of trust or section of will | | | |
| | | | % | |
| | Other | | | |
| Attach a separate sheet if you want to list more names. | ☐ Organization or charity Provide name. | | % | |
| | ☐ My estate | | % | |
| | | | 70 | |
| | | | Total | |

If the percentages don't total 100%, Vanguard will allocate equal percentages totaling 100%.

Total 100%

5. Spousal consent if required

Important: If you're married and have designated individuals/entities other than or in addition to your spouse as your primary beneficiaries, your spouse must sign below and have his or her signature notarized by a notary public.

I understand that I have the legal right to be my spouse's sole primary beneficiary. I hereby consent to the designation by my spouse of the beneficiaries listed in Section 4, who will receive the benefits from the plan upon my spouse's death and the percentage allocated to each of them. I understand that, as a result of such designation, I might not be entitled to any benefits from the plan upon my spouse's death. I further understand that my spouse may not change these beneficiaries, or the percentages allocated to them, without my further notarized consent.

I understand that I do not have to sign this consent and that I cannot revoke this consent after I sign it. I am signing this consent voluntarily.

| Signature of spouse | Date mm/dd/yyyy |
|---------------------|-----------------|
| X | |
| Print name | |

Notarization/Affidavit of spouse

| The notary seal must be dated within 30 days of receipt of this document by Vanguard. | Date mm/dd/yyyy On | Name of participant's spouse |
|--|---------------------------------------|---|
| | County and state | nas appeared before me, has proven to be the d that this consent is his/her wish. |
| | Signature of notary public | Notary seal |
| | Commission expiration date mm/dd/yyyy | |

6. Signatures Read carefully before signing.

Important information about opening a new account. Vanguard is required by federal law to obtain from each person who opens an account certain personal information—including name, street address, and date of birth—that will be used to verify identity. If you do not provide us with this information, we will not be able to open the account. If we are unable to verify your identity, Vanguard reserves the right to close your account or take other steps we deem reasonable.

I understand that if for any reason I do not have a beneficiary at the time of my death, my beneficiary shall be who/what is stated as the default under the Plan Document.

If I am a U.S. citizen, a U.S. resident alien, or a representative of a U.S. entity, I certify under penalties of perjury that:

- The taxpayer ID number I have given on this form is correct (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, or (c) the IRS has notified me that I am no longer subject to backup withholding.

Important: Cross out item 2 if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest or dividends on your tax return.

- I am a U.S. citizen or other U.S. person (as defined by the IRS in its Form W-9 instructions).
- 4. The Foreign Account Tax Compliance Act (FATCA) code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

If I am not a U.S. person, I will complete the appropriate Form W-8 electronically to certify my foreign status, including my FATCA status, and to claim treaty benefits if applicable. The IRS does not require your consent to any provision of this document other than the certification required to avoid backup withholding.

| | Signature of participant | Date mm/dd/yyyy |
|--------------|--------------------------|-----------------|
| Sign here. > | X | |
| | Print name | |

I hereby authorize the establishment of a participant account in accordance with the participant information contained herein. I further approve and authorize the beneficiary designations provided in Section 4.

Sign here. This account won't be established without a plan administrator's signature.

| Signature of plan administrator | Date mm/dd/yyyy |
|---------------------------------|-----------------|
| X | |
| Print name | <u> </u> |

Mailing information

Make a copy of your completed form for your records.

Mail your completed form and any attached information in the enclosed postage-paid envelope.

If you don't have a postage-paid > P.O. Box 1106

Vanguard

envelope, mail to: Valley Forge, PA 19482-1106

For overnight delivery, mail to: Vanguard 455 Devon Park Drive Wayne, PA 19087-1815



Individual 401(k) Salary Reduction Agreement

Use this form to authorize or change salary reduction contributions to your Vanguard Individual 401(k) account. Submit the signed form to your plan administrator, who should retain it with the plan records.

Don't mail this form to Vanguard.

Print in capital letters and use black ink.

Questions? Call 800-376-9162.

If you need other forms, go to vanguard.com/serviceforms.

1. Employee information

| Provide your full, > legal name. | Name first, middle initial, last |
|----------------------------------|----------------------------------|
| | Street address |
| | City, state, zip |
| | Social Security number |

2. Employer information

| Name of employer | |
|-------------------------|--|
| Vanguard plan ID number | |

3. Contribution amount

Amount I want to reduce my compensation by each pay period

| Dollar amount | or | Percentage | Starting date | mm/dd/yyyy |
|---------------|----|------------|---------------|------------|
| \$ | | .0% | | |

How I want to allocate my contribution to my 401(k) account

| Pre-tax contributions | Dollar amount | or | Percentage | |
|-----------------------|---------------|----|------------|-----|
| | \$ | | | .0% |
| Roth contributions | Dollar amount | or | Percentage | |
| | \$ | | | .0% |

4. Signatures

As the employee, I understand that:

- This agreement will be renewed automatically each January 1 unless my employer and I agree in writing to amend it.
- My employer or I can terminate this agreement at any time with respect to compensation I haven't yet earned.
- I'm responsible for ensuring that my contributions to this account don't exceed the limits specified in the following sections of the Internal Revenue Code: the elective deferral limitations in Section 402(g) and the annual additions limitations in Section 415(c).

| Signature of employee | Date mm/dd/yyyy | | |
|--|-----------------|--|--|
| x | | | |
| Print name first, middle initial, last | | | |

As the plan administrator, I understand that I'm responsible for ensuring that contributions to the plan don't exceed the limitations described in the Individual 401(k) Plan Document.

| Signature of plan administrator | Date mm/dd/yyyy |
|--|-----------------|
| X | |
| Print name first, middle initial, last | |

Your plan administrator should retain this form with the plan records. Don't send it to Vanguard.