

Mapping Charts - Vanguard

The mapping table that follows shows the mapping of your investment options listed by Vanguard.

Vanguard:

ASSET CLASS	EXISTING INVESTMENT OPTION	TICKER SYMBOL	EXPENSE RATIO		NEW INVESTMENT OPTION	TICKER SYMBOL	EXPENSE RATIO
ALLOCATION FUNDS							
Allocation—50% to 70% Equity	Vanguard STAR® Fund Investor Shares	VGSTX	0.31%	▶	Vanguard Institutional Target Retirement Fund by age.	Various	0.09%
Allocation—50% to 70% Equity	Vanguard Wellington™ Fund Investor Shares	VWELX	0.24%	▶	Vanguard Institutional Various Target Retirement Fund by age.		0.09%
PASSIVELY MANAGED FUNDS							
Foreign Large Blend	Vanguard Developed Markets Index Fund Investor Shares	VDVIX	0.16%	▶	Vanguard Total International Stock Index Fund Institutional Shares	VTSNX	0.08%
Diversified Emerging Markets	Vanguard Emerging Markets Stock Index Fund Investor Shares	VEIEX	0.29%	▶	Vanguard Institutional Target Retirement Fund by age.	Various	0.09%
Mid-Cap Blend	Vanguard Extended Market Index Fund Investor Shares	VEXMX	0.19%	▶	Vanguard Mid-Cap Index Fund Institutional Shares	VMCIX	0.04%

Expense ratio as of June 30, 2021.

Vanguard:

ASSET CLASS	EXISTING INVESTMENT OPTION	TICKER SYMBOL	EXPENSE RATIO		NEW INVESTMENT OPTION	TICKER SYMBOL	EXPENSE RATIO
Large Growth	Vanguard Growth Index Fund Investor Shares	VIGRX	0.17%	▶	Vanguard Institutional Index Fund Institutional Plus Shares	VIIIX	0.02%
Small Growth	Vanguard Small-Cap Growth Index Fund Investor Shares	VISGX	0.19%	▶	Vanguard Small-Cap Index Fund Institutional Shares	VSCIX	0.04%
Small Value	Vanguard Small-Cap Value Index Fund Investor Shares	VISVX	0.19%	▶	Vanguard Small-Cap Index Fund Institutional Shares	VSCIX	0.04%
PASSIVELY MANAGED FUNDS							
Large Blend	Vanguard Total Stock Market Index Fund Investor Shares	VTSMX	0.14%	▶	Vanguard Institutional Index Fund Institutional Plus Shares	VIIIX	0.02%
Large Value	Vanguard Value Index Fund Investor Shares	VIVAX	0.17%	▶	Vanguard Institutional Index Fund Institutional Plus Shares	VIIIX	0.02%
ACTIVELY MANAGED FUNDS							
Mid-Cap Growth	Vanguard Capital Opportunity Fund Investor Shares	VHCOX	0.44%	▶	BlackRock Mid-Cap Growth Equity Portfolio Class K	BMGKX	0.73%
Large Blend	Vanguard Dividend Growth Fund Investor Shares	VDIGX	0.26%	▶	Vanguard Institutional Index Fund Institutional Plus Shares	VIIIX	0.02%
Large Value	Vanguard Equity Income Fund Investor Shares	VEIPX	0.28%	▶	John Hancock Funds Disciplined Value Fund Class R6	JDVWX	0.70%
Small Growth	Vanguard Explorer™ Fund Investor Shares	VEXPX	0.41%	▶	Loomis Sayles Small Cap Growth Fund Class N	LSSNX	0.82%
World Large Stock	Vanguard Global Equity Fund Investor Shares	VHGX	0.45%	▶	Vanguard Institutional Target Retirement Fund by age.	Various	0.09%
Large Blend	Vanguard Growth and Income Fund Investor Shares	VQNPX	0.32%	▶	Vanguard Institutional Index Fund Institutional Plus Shares	VIIIX	0.02%
Foreign Large Growth	Vanguard International Growth Fund Investor Shares	VWIGX	0.44%	▶	American Funds EuroPacific Growth Fund® Class R-6	RERGX	0.46%
Foreign Large Value	Vanguard International Value Fund Investor Shares	VTRIX	0.35%	▶	American Funds EuroPacific Growth Fund® Class R-6	RERGX	0.46%
Money Market	Vanguard Cash Reserves Federal Money Market Fund Admiral Shares*	VMRXX	0.10%	▶	Vanguard Treasury Money Market Fund Investor Shares*	VUSXX	0.09%

Expense ratio as of June 30, 2021.

Vanguard:

ASSET CLASS	EXISTING INVESTMENT OPTION	TICKER SYMBOL	EXPENSE RATIO		NEW INVESTMENT OPTION	TICKER SYMBOL	EXPENSE RATIO
Mid-Cap Value	Vanguard Selected Value Fund Investor Shares	VASVX	0.31%	▶	MFS Mid Cap Value Fund Class R6	MVCKX	0.68%
Large Growth	Vanguard U.S. Growth Fund Investor Shares	VWUSX	0.38%	▶	Harbor Capital Appreciation Fund Retirement Class	HNACX	0.64%
Large Value	Vanguard Windsor™ II Fund Investor Shares	VWNFX	0.34%	▶	John Hancock Funds Disciplined Value Fund Class R6	JDVWX	0.70%

Expense ratio as of June 30, 2021.

* You could lose money by investing in the fund. Although the fund seeks to preserve the value of your investment at \$1.00 per share, it cannot guarantee it will do so. An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. The fund's sponsor has no legal obligation to provide financial support to the fund, and you should not expect that the sponsor will provide financial support to the fund at any time.

Effective October 1, the share classes of the investment options shown below will change.

As a result, the fund codes, ticker symbols, and expense ratios will change. The new share classes will offer you the same investment strategy and risk, but the overall expenses will be lower. The transfer of balances will appear as an exchange on your account history and quarterly statement.

ASSET CLASS	OLD SHARE CLASS	TICKER SYMBOL	EXPENSE RATIO		NEW SHARE CLASS	TICKER SYMBOL	EXPENSE RATIO
Large Blend	Vanguard 500 Index Fund Investor Shares	VFINX	0.14%	▶	Vanguard Institutional Index Fund Institutional Plus Shares	VIIIX	0.02%
Large Growth	Vanguard PRIMECAP Fund Investor Shares	VPMCX	0.38%	▶	Vanguard PRIMECAP Fund Admiral Shares	VPMAX	0.31%
Mid-Cap Blend	Vanguard Mid-Cap Index Fund Investor Shares	VIMSX	0.17%	▶	Vanguard Mid-Cap Index Fund Institutional Shares	VMCIX	0.09%
Small Blend	Vanguard Small-Cap Index Fund Investor Shares	NAESX	0.17%	▶	Vanguard Small-Cap Index Fund Institutional Shares	VSCIX	0.04%
Target-Date 2000-2010	Vanguard Target Retirement Income Fund Investor Shares	VTINX	0.12%	▶	Vanguard Institutional Target Retirement Income Fund Institutional Shares	VITRX	0.09%
Target-Date 2015	Vanguard Target Retirement 2015 Fund Investor Shares	VTXVX	0.13%	▶	Vanguard Institutional Target Retirement 2015 Fund Institutional Shares	VITVX	0.09%
Target-Date 2020	Vanguard Target Retirement 2020 Fund Investor Shares	VTWNX	0.13%	▶	Vanguard Institutional Target Retirement 2020 Fund Institutional Shares	VITWX	0.09%
Target-Date 2025	Vanguard Target Retirement 2025 Fund Investor Shares	VTTVX	0.13%	▶	Vanguard Institutional Target Retirement 2025 Fund Institutional Shares	VRIVX	0.09%
Target-Date 2030	Vanguard Target Retirement 2030 Fund Investor Shares	VTHRX	0.14%	▶	Vanguard Institutional Target Retirement 2030 Fund Institutional Shares	VTTWX	0.09%
Target-Date 2035	Vanguard Target Retirement 2035 Fund Investor Shares	VTTHX	0.14%	▶	Vanguard Institutional Target Retirement 2035 Fund Institutional Shares	VITFX	0.09%
Target-Date 2040	Vanguard Target Retirement 2040 Fund Investor Shares	VFORX	0.14%	▶	Vanguard Institutional Target Retirement 2040 Fund Institutional Shares	VIRSX	0.09%

ASSET CLASS	OLD SHARE CLASS	TICKER SYMBOL	EXPENSE RATIO		NEW SHARE CLASS	TICKER SYMBOL	EXPENSE RATIO
Target-Date 2045	Vanguard Institutional Target Retirement 2045 Fund Investor Shares	VTIVX	0.15%	▶	Vanguard Institutional Target Retirement 2045 Fund Institutional Shares	VITLX	0.09%
Target-Date 2050	Vanguard Institutional Target Retirement 2050 Fund Investor Shares	VFIFX	0.15%	▶	Vanguard Institutional Target Retirement 2050 Fund Institutional Shares	VTRLX	0.09%
Target-Date 2055	Vanguard Target Retirement 2055 Fund Investor Shares	VFFVX	0.15%	▶	Vanguard Institutional Target Retirement 2055 Fund Institutional Shares	VIVLX	0.09%
Target-Date 2060	Vanguard Target Retirement 2060 Fund Investor Shares	VTTSX	0.15%	▶	Vanguard Institutional Target Retirement 2060 Fund Institutional Shares	VILVX	0.09%
Target-Date 2065+	Vanguard Target Retirement 2065 Fund Investor Shares	VLXVX	0.15%	▶	Vanguard Institutional Target Retirement 2065 Fund Institutional Shares	VSXFX	0.09%
Foreign Large Blend	Vanguard Total International Stock Index Fund Investor Shares	VGTSX	0.17%	▶	Vanguard Total International Stock Index Fund Institutional Shares	VTSNX	0.08%
Intermediate Term Bond	Vanguard Total Bond Market Fund Investor Shares	VBMFX	0.15%	▶	Vanguard Total Bond Market Index Fund Institutional Shares	VBTIX	0.04%

Expense ratios as of June 30, 2021.

