

2021 Foreign tax credit information for eligible Vanguard funds

Vanguard prepares IRS Form 1099-DIV that lists, among other things, the portion of taxes paid to foreign countries, when the Fund passes the Foreign Tax Credit to its shareholders. If you did not receive a Form 1099-DIV or need additional information to prepare federal and state income tax returns, use the table below to arrive at the required amounts. For those funds that offer ETF Shares, the name of the ETF and its ticker symbol are also listed.

The columns below represent the following:

Column 1:
**Foreign Source Income percentage
of Box 1a of Form 1099-DIV***

To calculate the Foreign Source Income, multiply the percentage below by the amount of Box 1a.

Column 2:
**Qualified Foreign Dividend Income
as a percentage of Box 1a of Form
1099-DIV***

To calculate the Qualified Foreign Dividend Income, multiply the percentage below by the amount of Box 1a.

Column 3:
Foreign Tax Paid percentage

If you did not receive Form 1099-DIV, you can calculate your Foreign Tax Paid by multiplying the percentage listed in Column 3 by Ordinary Cash Dividends paid to you by the Fund.

Vanguard fund	Vanguard ETF® (ticker)	Column 1 Foreign source income as a % of Box 1a	Column 2 Qualified foreign dividend income	Column 3 Foreign tax paid
Developed Markets Index**	FTSE Developed Markets (VEA)	86.044840%	71.851878%	6.36%
Emerging Markets Select Stock		56.022803	40.501575	14.00
Emerging Markets Stock Index	FTSE Emerging Markets (VWO)	97.118815	37.905390	10.27
(Available only as an ETF)	ESG International Stock (VSGX)	91.068462	63.035291	7.92
European Stock Index	FTSE Europe (VGK)	93.089336	84.761015	6.02
FTSE All-World ex-US Index	FTSE All-World ex-US (VEU)	90.930382	68.916353	7.69
FTSE All-World ex-US Small-Cap Index	FTSE All-World ex-US Small-Cap (VSS)	74.990987	47.128304	7.68
Global ex-U.S. Real Estate Index	Global ex-U.S. Real Estate (VNQI)	65.513835	9.940784	3.97
Institutional Target Retirement 2015		19.250621	11.611766	1.16
Institutional Target Retirement 2020		26.839990	17.328576	1.75
Institutional Target Retirement 2025		36.962113	24.484425	2.38
Institutional Target Retirement 2030		41.144755	27.779943	2.74
Institutional Target Retirement 2035		44.614159	30.632437	2.97
Institutional Target Retirement 2040		47.751842	33.243939	3.18
Institutional Target Retirement 2045		50.306165	35.423724	3.39
Institutional Target Retirement 2050		51.405385	36.288173	3.44
Institutional Target Retirement 2055		51.393241	36.288426	3.45
Institutional Target Retirement 2060		52.374344	36.984343	3.47
Institutional Target Retirement 2065		53.407190	37.713998	3.51
Institutional Target Retirement Income		17.434507	10.375775	1.08

*If you did not receive Form 1099-DIV, calculate Box 1a as follows: Add Cash Dividends paid to them by the Fund, short-term capital gains paid to them by the Fund, and foreign taxes paid as calculated in Column 3.

**In April 2014, Vanguard Developed Markets Index Fund merged into Vanguard Tax-Managed International Fund. The combined fund was renamed Vanguard Developed Markets Index Fund.

(continued on the next page)

Vanguard fund	Vanguard ETF® (ticker)	Column 1 Foreign source income as a % of Box 1a	Column 2 Qualified foreign dividend income	Column 3 Foreign tax paid
International Core Stock		100.000000%	84.285630%	7.82 %
International Dividend Appreciation Index	International Dividend Appreciation (VIGI)	33.368951	25.630106	66.73
International Explorer™		54.488368	40.075159	6.18
International Growth		53.094195	53.094195	12.29
International High Dividend Yield Index	International High Dividend Yield (VYMI)	98.868420	67.983327	7.09
International Value		62.758955	60.931006	11.81
LifeStrategy® Conservative Growth		29.146167	15.228519	1.59
LifeStrategy Growth		47.463226	32.028027	3.01
LifeStrategy Income		20.315487	7.117120	0.90
LifeStrategy Moderate Growth		37.185416	22.885295	2.30
Managed Allocation		19.095339	12.486038	1.34
Pacific Stock Index	FTSE Pacific (VPL)	83.225216	65.334295	5.71
STAR®		12.724292	7.988949	2.85
Target Retirement 2015		23.025441	11.575364	1.16
Target Retirement 2020		31.457839	18.081699	1.73
Target Retirement 2025		41.329769	24.988281	2.37
Target Retirement 2030		46.479507	29.299479	2.73
Target Retirement 2035		44.756952	29.254828	2.74
Target Retirement 2040		43.460592	29.227160	3.01
Target Retirement 2045		46.350154	32.058256	3.30
Target Retirement 2050		46.430887	32.238991	3.37
Target Retirement 2055		45.825949	31.864200	3.37
Target Retirement 2060		39.923861	27.823376	3.38
Target Retirement 2065		51.920484	36.321089	3.46
Target Retirement Income		19.860664	9.702712	0.98
Total International Bond Index	Total International Bond (BNDX)	33.259144	0.000000	0.61
Total International Bond II Index		59.873035	0.000000	1.58
Total International Stock Index	Total International Stock (VXUS)	90.342852	64.499842	5.94

Questions?

For more information, please call us at 877-662-7447 Monday through Friday from 8 a.m. to 8 p.m., Eastern time. Our investment professionals can't provide tax advice. Please consult a qualified tax professional if your tax situation is complex or if you're uncertain about the interpretation of a specific tax regulation.

Connect with Vanguard® > vanguard.com > 877-662-7447

For more information about Vanguard funds or Vanguard ETFs, visit vanguard.com to obtain a prospectus or, if available, a summary prospectus. Investment objectives, risks, charges, expenses, and other important information are contained in the prospectus; read and consider it carefully before investing.

Vanguard ETF Shares are not redeemable with the issuing fund other than in very large aggregations worth millions of dollars. Instead, investors must buy and sell Vanguard ETF Shares in the secondary market and hold those shares in a brokerage account. In doing so, the investor may incur brokerage commissions and may pay more than net asset value when buying and receive less than net asset value when selling.

All investing is subject to risk, including the possible loss of the money you invest.

We recommend that you consult a tax or financial advisor about your individual situation.

Vanguard®

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