



2021 Dividend schedule

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
500 Index Admiral™ Shares	922908710	VFIAX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/17/21	12/20/21	12/21/21
500 Index Institutional Select Shares	922908348	VFFSX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/17/21	12/20/21	12/21/21
500 Index Investor Shares	922908108	VFINX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/17/21	12/20/21	12/21/21
Advice Select Dividend Growth Admiral Shares	921946752	VADGX	12/17/21	12/20/21	12/21/21
Advice Select Global Value Admiral Shares	921946778	VAGVX	12/17/21	12/20/21	12/21/21
Advice Select International Growth Admiral Shares	921946760	VAIGX	12/17/21	12/20/21	12/21/21
Alternative Strategies Investor Shares	921939609	VASFX	12/17/21	12/20/21	12/21/21
Balanced Index Admiral Shares	921931200	VBIAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Balanced Index Institutional Shares	921931309	VBAIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Balanced Index Investor Shares	921931101	VBINX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
California Intermediate-Term Tax-Exempt Admiral Shares	922021407	VCADX	12/28/21	12/29/21	12/30/21
California Intermediate-Term Tax-Exempt Investor Shares	922021308	VCAIX	12/28/21	12/29/21	12/30/21
California Long-Term Tax-Exempt Admiral Shares	922021506	VCLAX	12/28/21	12/29/21	12/30/21
California Long-Term Tax-Exempt Investor Shares	922021100	VCITX	12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
California Municipal Money Market	922021209	VCTXX	12/28/21	12/29/21	12/30/21
Capital Opportunity Admiral Shares	922038500	VHCAX	12/17/21	12/20/21	12/21/21
Capital Opportunity Investor Shares	922038302	VHCOX	12/17/21	12/20/21	12/21/21
Cash Reserves Federal Money Market	922906508	VMRXX	12/28/21	12/29/21	12/30/21
Commodity Strategy Admiral Shares	921939708	VCMDX	12/17/21	12/20/21	12/21/21
Communication Services ETF	92204A884	VOX	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Communication Services Index Admiral Shares	92204A777	VTCAx	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Consumer Discretionary ETF	92204A108	VCR	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Consumer Discretionary Index Admiral Shares	92204A868	VCDAX	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Consumer Staples ETF	92204A207	VDC	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Consumer Staples Index Admiral Shares	92204A850	VCSAX	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Core Bond Admiral Shares	922020839	VCOBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Core Bond Investor Shares	922020847	VCORX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Core-Plus Bond Admiral Shares	922020797	VCPHX	10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Core-Plus Bond Investor Shares	922020789	VCPAX	10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Developed Markets Index Admiral Shares	921943809	VTMGX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Developed Markets Index Institutional Shares	921943882	VTMNX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Developed Markets Index Institutional Plus Shares	92206J206	VDIPX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Developed Markets Index Investor Shares	92206J107	VDVIX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Diversified Equity Investor Shares	921939401	VDEQX	12/28/21	12/29/21	12/30/21
Dividend Appreciation ETF	921908844	VIG	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Dividend Appreciation Index Admiral Shares	921908828	VDADX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Dividend Growth Investor Shares	921908604	VDIGX	3/25/21	3/26/21	3/29/21
			6/17/21	6/18/21	6/21/21
			12/28/21	12/29/21	12/30/21
Emerging Markets Bond Admiral Shares	922020813	VEGBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Emerging Markets Bond Investor Shares	922020821	VEMBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Emerging Markets Government Bond ETF	921946885	VWOB	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
Emerging Markets Government Bond Index Admiral Shares	921946802	VGAVX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Emerging Markets Government Bond Index Institutional Shares	921946703	VGIVX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Emerging Markets Select Stock Investor Shares	921939500	VMMSX	12/17/21	12/20/21	12/21/21
Emerging Markets Stock Index Admiral Shares	922042841	VEMAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Emerging Markets Stock Index Institutional Shares	922042601	VEMIX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Emerging Markets Stock Index Institutional Plus Shares	922042650	VEMRX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Emerging Markets Stock Index Investor Shares	922042304	VEIEX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Energy Admiral Shares	921908802	VGELX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Energy Investor Shares	921908109	VGENX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Energy ETF	92204A306	VDE	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Energy Index Admiral Shares	92204A843	VENAX	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Equity Income Admiral Shares	921921300	VEIRX	3/23/21	3/24/21	3/25/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Equity Income Investor Shares	921921102	VEIPX	3/23/21	3/24/21	3/25/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
ESG International Stock ETF	921910725	VSGX	3/22/21	3/19/21	3/24/21
			6/21/21	6/18/21	6/23/21
			9/20/21	9/17/21	9/22/21
			12/20/21	12/17/21	12/22/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
ESG U.S. Corporate Bond ETF	921910691	VCEB	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
ESG U.S. Stock ETF	921910733	ESGV	3/22/21	3/19/21	3/24/21
			6/21/21	6/18/21	6/23/21
			9/20/21	9/17/21	9/22/21
			12/20/21	12/17/21	12/22/21
European Stock Index Admiral Shares	922042809	VEUSX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
European Stock Index Institutional Shares	922042502	VESIX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
European Stock Index Institutional Plus Shares	922042627	VEUPX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
European Stock Index Investor Shares	922042205	VEURX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Explorer™ Admiral Shares	921926200	VEXRX	12/17/21	12/20/21	12/21/21
Explorer Investor Shares	921926101	VEXPX	12/17/21	12/20/21	12/21/21
Explorer Value™ Investor Shares	92206C748	VEVFX	12/14/21	12/15/21	12/16/21
Extended Duration Treasury ETF	921910709	EDV	4/5/21	4/1/21	4/7/21
			7/2/21	7/1/21	7/7/21
			10/4/21	10/1/21	10/6/21
			12/27/21	12/23/21	12/29/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Extended Duration Treasury Index Institutional Shares	921910881	VEDTX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Extended Duration Treasury Index Institutional Plus Shares	921910808	VEDIX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Extended Market ETF	922908652	VXF	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Extended Market Index Admiral Shares	922908694	VEXAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Extended Market Index Institutional Shares	922908884	VIEIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Extended Market Index Institutional Plus Shares	922908371	VEMPX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Extended Market Index Institutional Select Shares	922908322	VSEMX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Extended Market Index Investor Shares	922908207	VEXMX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Federal Money Market	922906300	VMFXX	12/28/21	12/29/21	12/30/21
Financials ETF	92204A405	VFH	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Financials Index Admiral Shares	92204A835	VFAIX	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
FTSE All-World ex-US ETF	922042775	VEU	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
FTSE All-World ex-US Index Admiral Shares	921937736	VFWAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
FTSE All-World ex-US Index Institutional Shares	922042783	VFWSX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
FTSE All-World ex-US Index Institutional Plus Shares	922042635	VFWPX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
FTSE All-World ex-US Small-Cap ETF	922042718	VSS	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
FTSE All-World ex-US Small-Cap Index Admiral Shares	922042593	VFSAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
FTSE All-World ex-US Small-Cap Index Institutional Shares	922042726	VFSNX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
FTSE Developed Markets ETF	921943858	VEA	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
FTSE Emerging Markets ETF	922042858	VWO	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
FTSE Europe ETF	922042874	VGK	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
FTSE Pacific ETF	922042886	VPL	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
FTSE Social Index Admiral Shares	921910717	VFTAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
FTSE Social Index Institutional Shares	921910402	VFTNX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Global Capital Cycles Investor Shares	921908208	VGPMX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Global Credit Bond Admiral Shares	92203J852	VGCAX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Global Credit Bond Investor Shares	92203J860	VGCIX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Global Equity Investor Shares	922038203	VHGEX	12/16/21	12/17/21	12/20/21
Global ESG Select Stock Admiral Shares	921908794	VESGX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Global ESG Select Stock Investor Shares	921908810	VEIGX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Global ex-U.S. Real Estate ETF	922042676	VNQI	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/22/21	12/21/21	12/27/21
Global ex-U.S. Real Estate Index Admiral Shares	922042668	VGRLX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/17/21	12/20/21	12/21/21
Global ex-U.S. Real Estate Index Institutional Shares	922042684	VGRNX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/17/21	12/20/21	12/21/21
Global Minimum Volatility Admiral Shares	921946869	VMNVX	12/14/21	12/15/21	12/16/21
Global Minimum Volatility Investor Shares	921946877	VMVFX	12/14/21	12/15/21	12/16/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Global Wellesley® Income Admiral Shares	921910741	VGYAX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/16/21	12/17/21	12/20/21
Global Wellesley Income Investor Shares	921910758	VGWIX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/16/21	12/17/21	12/20/21
Global Wellington™ Admiral Shares	921910766	VGWAX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/16/21	12/17/21	12/20/21
Global Wellington Investor Shares	921910774	VGWLX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/16/21	12/17/21	12/20/21
GNMA Admiral Shares	922031794	VFIJX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
GNMA Investor Shares	922031307	VFIIX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Growth and Income Admiral Shares	921913208	VGIAX	6/17/21	6/18/21	6/21/21
			12/17/21	12/20/21	12/21/21
Growth and Income Investor Shares	921913109	VQNPX	6/17/21	6/18/21	6/21/21
			12/17/21	12/20/21	12/21/21
Growth ETF	922908736	VUG	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Growth Index Admiral Shares	922908660	VIGAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Growth Index Institutional Shares	922908868	VIGIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Growth Index Investor Shares	922908504	VIGRX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Health Care Admiral Shares	921908885	VGHAX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Health Care Investor Shares	921908307	VGHCX	3/25/21	3/26/21	3/29/21
			12/28/21	12/29/21	12/30/21
Health Care ETF	92204A504	VHT	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Health Care Index Admiral Shares	92204A827	VHCIX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
High Dividend Yield ETF	921946406	VYM	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
High Dividend Yield Index Admiral Shares	921946786	VHYAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
High-Yield Corporate Admiral Shares	922031760	VWEAX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
High-Yield Corporate Investor Shares	922031208	VWEHX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
High-Yield Tax-Exempt Admiral Shares	922907845	VWALX	12/28/21	12/29/21	12/30/21
High-Yield Tax-Exempt Investor Shares	922907407	VWAHX	12/28/21	12/29/21	12/30/21
Industrials ETF	92204A603	VIS	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Industrials Index Admiral Shares	92204A819	VINAX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Inflation-Protected Securities Admiral Shares	922031737	VAIPX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Inflation-Protected Securities Institutional Shares	922031745	VIPIX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Inflation-Protected Securities Investor Shares	922031869	VIPSX	3/30/21	3/31/21	4/1/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Information Technology ETF	92204A702	VGT	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Information Technology Index Admiral Shares	92204A793	VITAX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Institutional Index Institutional Shares	922040100	VINIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Institutional Index Institutional Plus Shares	922040209	VIIIIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Institutional Intermediate-Term Bond	922020854	VIITX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Institutional Short-Term Bond	922020862	VISTX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Institutional Target Retirement 2015	92202E813	VITVX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2020	92202E797	VITWX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2025	92202E789	VRIVX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2030	92202E771	VTTWX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2035	92202E763	VITFX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2040	92202E755	VIRSX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2045	92202E748	VITLX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2050	92202E730	VTRLX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2055	92202E722	VIVLX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2060	92202E714	VILVX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement 2065	92202E672	VSXFX	12/28/21	12/29/21	12/30/21
Institutional Target Retirement Income	92202E698	VITRX	3/25/21	3/26/21	3/29/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/28/21	12/29/21	12/30/21
Institutional Total Stock Market Index Institutional Shares	922040308	VITNX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Institutional Total Stock Market Index Institutional Plus Shares	922040407	VITPX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Intermediate-Term Bond ETF	921937819	BIV	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
				12/27/21	12/29/21
Intermediate-Term Bond Index Admiral Shares	921937801	VBILX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Intermediate-Term Bond Index Institutional Shares	921937884	VBIMX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Intermediate-Term Bond Index Institutional Plus Shares	921937751	VBIUX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Intermediate-Term Bond Index Investor Shares	921937306	VBIIX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Intermediate-Term Corporate Bond ETF	92206C870	VCIT	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
				12/27/21	12/29/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Intermediate-Term Corporate Bond Index Admiral Shares	92206C854	VICSX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Intermediate-Term Corporate Bond Index Institutional Shares	92206C862	VICBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Intermediate-Term Investment-Grade Admiral Shares	922031810	VFIDX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Intermediate-Term Investment-Grade Investor Shares	922031885	VFICX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Intermediate-Term Tax-Exempt Admiral Shares	922907878	VWIUX	12/28/21	12/29/21	12/30/21
Intermediate-Term Tax-Exempt Investor Shares	922907209	VWITX	12/28/21	12/29/21	12/30/21
Intermediate-Term Treasury Admiral Shares	922031828	VFIUX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Intermediate-Term Treasury Investor Shares	922031802	VFITX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Intermediate-Term Treasury ETF	92206C706	VGIT	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
			Intermediate-Term Treasury Index Admiral Shares	92206C888	VIGX
2/25/21	2/26/21	3/1/21			
3/30/21	3/31/21	4/1/21			
4/29/21	4/30/21	5/3/21			
5/27/21	5/28/21	6/1/21			
6/29/21	6/30/21	7/1/21			
7/29/21	7/30/21	8/2/21			
8/30/21	8/31/21	9/1/21			
9/29/21	9/30/21	10/1/21			
10/28/21	10/29/21	11/1/21			
11/29/21	11/30/21	12/1/21			
12/21/21	12/22/21	12/23/21			
Intermediate-Term Treasury Index Institutional Shares	92206C805	VIIGX			
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
			International Core Stock Admiral Shares	922038880	VZICX
International Core Stock Investor Shares	922038807	VWICX	12/16/21	12/17/21	12/20/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
International Dividend Appreciation ETF	921946810	VIGI	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
International Dividend Appreciation Index Admiral Shares	921946844	VIAAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
International Explorer Investor Shares	921946208	VINEX	12/17/21	12/20/21	12/21/21
International Growth Admiral Shares	921910501	VWILX	12/14/21	12/15/21	12/16/21
International Growth Investor Shares	921910204	VWIGX	12/14/21	12/15/21	12/16/21
International High Dividend Yield ETF	921946794	VYMI	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
International High Dividend Yield Index Admiral Shares	921946828	VIHAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
International Value Investor Shares	921939203	VTRIX	12/17/21	12/20/21	12/21/21
Large-Cap ETF	922908637	VV	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Large-Cap Index Admiral Shares	922908579	VLCAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Large-Cap Index Institutional Shares	922908561	VLISX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Large-Cap Index Investor Shares	922908587	VLACX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
LifeStrategy® Conservative Growth Investor Shares	921909305	VSCGX	3/25/21	3/26/21	3/29/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
LifeStrategy Growth Investor Shares	921909503	VASGX	6/25/21	6/28/21	6/29/21
			12/28/21	12/29/21	12/30/21
LifeStrategy Income Investor Shares	921909206	VASIX	3/25/21	3/26/21	3/29/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/28/21	12/29/21	12/30/21
LifeStrategy Moderate Growth Investor Shares	921909404	VSMGX	6/25/21	6/28/21	6/29/21
			12/28/21	12/29/21	12/30/21
Limited-Term Tax-Exempt Admiral Shares	922907886	VMLUX	12/28/21	12/29/21	12/30/21
Limited-Term Tax-Exempt Investor Shares	922907704	VMLTX	12/28/21	12/29/21	12/30/21
Long-Term Bond ETF	921937793	BLV	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
Long-Term Bond Index Admiral Shares	921937652	VBLAX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Long-Term Bond Index Institutional Shares	921937876	VBLLX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Long-Term Bond Index Institutional Plus Shares	921937744	VBLIX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Long-Term Corporate Bond ETF	92206C813	VCLT	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Long-Term Corporate Bond Index Admiral Shares	92206C789	VLTCX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Long-Term Corporate Bond Index Institutional Shares	92206C797	VLCIX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Long-Term Investment-Grade Admiral Shares	922031778	VWETX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Long-Term Investment-Grade Investor Shares	922031109	VWESX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Long-Term Tax-Exempt Admiral Shares	922907860	VWLUX	12/28/21	12/29/21	12/30/21
Long-Term Tax-Exempt Investor Shares	922907308	VWLTX	12/28/21	12/29/21	12/30/21
Long-Term Treasury Admiral Shares	922031786	VUSUX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Long-Term Treasury Investor Shares	922031505	VUSTX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Long-Term Treasury ETF	92206C847	VGLT	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
			Long-Term Treasury Index Admiral Shares	92206C821	VLGSX
2/25/21	2/26/21	3/1/21			
3/30/21	3/31/21	4/1/21			
4/29/21	4/30/21	5/3/21			
5/27/21	5/28/21	6/1/21			
6/29/21	6/30/21	7/1/21			
7/29/21	7/30/21	8/2/21			
8/30/21	8/31/21	9/1/21			
9/29/21	9/30/21	10/1/21			
10/28/21	10/29/21	11/1/21			
11/29/21	11/30/21	12/1/21			
12/21/21	12/22/21	12/23/21			
Long-Term Treasury Index Institutional Shares	92206C839	VLGIX			
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
			Managed Allocation Investor Shares	92205M200	VPGDX
12/28/21	12/29/21	12/30/21			
Market Neutral Institutional Shares	92205G203	VMNIX	3/25/21	3/26/21	3/29/21
			12/22/21	12/23/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Market Neutral Investor Shares	92205G104	VMNFX	3/25/21	3/26/21	3/29/21
			12/22/21	12/23/21	12/27/21
Massachusetts Tax-Exempt Investor Shares	92204X108	VMATX	12/28/21	12/29/21	12/30/21
Materials ETF	92204A801	VAW	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Materials Index Admiral Shares	92204A785	VMIAX	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Mega Cap ETF	921910873	MGC	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/28/21	12/27/21	12/30/21
Mega Cap Index Institutional Shares	921910857	VMCTX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/22/21	12/23/21	12/27/21
Mega Cap Growth ETF	921910816	MGK	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/28/21	12/27/21	12/30/21
Mega Cap Growth Index Institutional Shares	921910782	VMGAX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/22/21	12/23/21	12/27/21
Mega Cap Value ETF	921910840	MGV	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/28/21	12/27/21	12/30/21
Mega Cap Value Index Institutional Shares	921910824	VMVLX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Growth Investor Shares	921946307	VMGRX	12/17/21	12/20/21	12/21/21
Mid-Cap ETF	922908629	VO	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Mid-Cap Index Admiral Shares	922908645	VIMAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Index Institutional Shares	922908835	VMCIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Index Institutional Plus Shares	922908389	VMCPX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Index Investor Shares	922908843	VIMSX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Growth ETF	922908538	VOT	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Mid-Cap Growth Index Admiral Shares	921937728	VMGMX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Growth Index Investor Shares	922908546	VMGIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Value ETF	922908512	VOE	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Mid-Cap Value Index Admiral Shares	921937694	VMVAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Mid-Cap Value Index Investor Shares	922908520	VMVIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Mortgage-Backed Securities ETF	92206C771	VMBS	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
			Mortgage-Backed Securities Index Admiral Shares	92206C755	VMBSX
2/25/21	2/26/21	3/1/21			
3/30/21	3/31/21	4/1/21			
4/29/21	4/30/21	5/3/21			
5/27/21	5/28/21	6/1/21			
6/29/21	6/30/21	7/1/21			
7/29/21	7/30/21	8/2/21			
8/30/21	8/31/21	9/1/21			
9/29/21	9/30/21	10/1/21			
10/28/21	10/29/21	11/1/21			
11/29/21	11/30/21	12/1/21			
12/21/21	12/22/21	12/23/21			
Mortgage-Backed Securities Index Institutional Shares	92206C763	VMBIX			
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
			Municipal Money Market	922907506	VMSXX
New Jersey Long-Term Tax-Exempt Admiral Shares	92204F305	VNJUX	12/28/21	12/29/21	12/30/21
New Jersey Long-Term Tax-Exempt Investor Shares	92204F206	VNJTX	12/28/21	12/29/21	12/30/21
New York Long-Term Tax-Exempt Admiral Shares	92204H301	VNYUX	12/28/21	12/29/21	12/30/21
New York Long-Term Tax-Exempt Investor Shares	92204H103	VNYTX	12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
New York Municipal Money Market	92204H202	VYFXX	12/28/21	12/29/21	12/30/21
Ohio Long-Term Tax-Exempt Investor Shares	921929204	VOHIX	12/28/21	12/29/21	12/30/21
Pacific Stock Index Admiral Shares	922042700	VPADX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Pacific Stock Index Institutional Shares	922042403	VPKIX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Pacific Stock Index Investor Shares	922042106	VPACX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Pennsylvania Long-Term Tax-Exempt Admiral Shares	92204L302	VPALX	12/28/21	12/29/21	12/30/21
Pennsylvania Long-Term Tax-Exempt Investor Shares	92204L104	VPAIX	12/28/21	12/29/21	12/30/21
PRIMECAP Admiral Shares	921936209	VPMAX	12/17/21	12/20/21	12/21/21
PRIMECAP Investor Shares	921936100	VPMCX	12/17/21	12/20/21	12/21/21
PRIMECAP Core Investor Shares	921921508	VPCCX	12/17/21	12/20/21	12/21/21
Real Estate ETF	922908553	VNQ	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Real Estate Index Admiral Shares	921908877	VGSLX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Real Estate Index Institutional Shares	921908869	VGSNX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Real Estate Index Investor Shares	921908703	VGSIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Real Estate II Index Institutional Plus Shares	922031695	VRTPX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/22/21	12/23/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Russell 1000 ETF	92206C730	VONE	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 1000 Index Institutional Shares	92206C722	VRNIX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Russell 1000 Growth ETF	92206C680	VONG	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 1000 Growth Index Institutional Shares	92206C672	VRGWX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Russell 1000 Value ETF	92206C714	VONV	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 1000 Value Index Institutional Shares	92206C698	VRVIX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Russell 2000 ETF	92206C664	VTWO	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 2000 Index Institutional Shares	92206C656	VRTIX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Russell 2000 Growth ETF	92206C623	VTWG	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 2000 Growth Index Institutional Shares	92206C615	VRTGX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Russell 2000 Value ETF	92206C649	VTWV	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 2000 Value Index Institutional Shares	92206C631	VRTVX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Russell 3000 ETF	92206C599	VTHR	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Russell 3000 Index Institutional Shares	92206C581	VRTTX	3/24/21	3/25/21	3/26/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
S&P 500 ETF	922908363	VOO	3/29/21	3/26/21	3/31/21
			6/30/21	6/29/21	7/2/21
			9/30/21	9/29/21	10/4/21
			12/22/21	12/21/21	12/27/21
S&P 500 Growth ETF	921932505	VOOG	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/22/21	12/21/21	12/27/21
S&P 500 Growth Index Institutional Shares	921932604	VSPGX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/17/21	12/20/21	12/21/21
S&P 500 Value ETF	921932703	VOOV	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/22/21	12/21/21	12/27/21
S&P 500 Value Index Institutional Shares	921932802	VSPVX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/17/21	12/20/21	12/21/21
S&P Mid-Cap 400 ETF	921932885	IVOO	3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
			12/22/21	12/21/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
S&P Mid-Cap 400 Index Institutional Shares	921932877	VSPMX	3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
			12/17/21	12/20/21	12/21/21
S&P Mid-Cap 400 Growth ETF	921932869	IVOG	12/22/21	12/21/21	12/27/21
S&P Mid-Cap 400 Growth Index Institutional Shares	921932851	VMFGX	12/17/21	12/20/21	12/21/21
S&P Mid-Cap 400 Value ETF	921932844	IVOV	12/22/21	12/21/21	12/27/21
S&P Mid-Cap 400 Value Index Institutional Shares	921932836	VMFVX	12/17/21	12/20/21	12/21/21
S&P Small-Cap 600 ETF	921932828	VIOO	12/22/21	12/21/21	12/27/21
S&P Small-Cap 600 Index Institutional Shares	921932810	VSMSX	12/17/21	12/20/21	12/21/21
			3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
S&P Small-Cap 600 Growth ETF	921932794	VIOG	12/22/21	12/21/21	12/27/21
			3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
S&P Small-Cap 600 Growth Index Institutional Shares	921932786	VSGNX	12/17/21	12/20/21	12/21/21
			3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
S&P Small-Cap 600 Value ETF	921932778	VIOV	12/22/21	12/21/21	12/27/21
			3/24/21	3/25/21	3/26/21
			6/22/21	6/23/21	6/24/21
			9/27/21	9/28/21	9/29/21
S&P Small-Cap 600 Value Index Institutional Shares	921932760	VSMVX	12/17/21	12/20/21	12/21/21
			3/29/21	3/26/21	3/31/21
			6/25/21	6/24/21	6/29/21
			9/30/21	9/29/21	10/4/21
Selected Value Investor Shares	921946109	VASVX	12/17/21	12/20/21	12/21/21
Short-Term Bond ETF	921937827	BSV	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
Short-Term Bond Index Admiral Shares	921937702	VBIRX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Short-Term Bond Index Institutional Shares	921937777	VBITX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Bond Index Institutional Plus Shares	921937769	VBIPX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Bond Index Investor Shares	921937207	VBISX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Corporate Bond ETF	92206C409	VCSH	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
Short-Term Corporate Bond Index Admiral Shares	92206C607	VSCSX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Short-Term Corporate Bond Index Institutional Shares	92206C508	VSTBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Federal Admiral Shares	922031844	VSGDX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Federal Investor Shares	922031604	VGBX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Inflation-Protected Securities ETF	922020805	VTIP	3/26/21	3/25/21	3/30/21
			7/2/21	7/1/21	7/7/21
			10/4/21	10/1/21	10/6/21
			12/27/21	12/23/21	12/29/21
Short-Term Inflation-Protected Securities Index Admiral Shares	922020706	VTAPX	3/23/21	3/24/21	3/25/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Inflation-Protected Securities Index Institutional Shares	922020607	VTSPX	3/23/21	3/24/21	3/25/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Inflation-Protected Securities Index Investor Shares	922020508	VTIPX	3/23/21	3/24/21	3/25/21
			6/29/21	6/30/21	7/1/21
			9/29/21	9/30/21	10/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Investment-Grade Admiral Shares	922031836	VFSUX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Investment-Grade Institutional Shares	922031877	VFSIX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Investment-Grade Investor Shares	922031406	VFSTX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Tax-Exempt Admiral Shares	922907803	VWSUX	12/28/21	12/29/21	12/30/21
Short-Term Tax-Exempt Investor Shares	922907100	VWSTX	12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Short-Term Treasury Admiral Shares	922031851	VFIRX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Treasury Investor Shares	922031703	VFISX	3/30/21	3/31/21	4/1/21
			12/28/21	12/29/21	12/30/21
Short-Term Treasury ETF	92206C102	VGSH	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
Short-Term Treasury Index Admiral Shares	92206C300	VSBSX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Short-Term Treasury Index Institutional Shares	92206C201	VSBSX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Small-Cap ETF	922908751	VB	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Small-Cap Index Admiral Shares	922908686	VSMAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Index Institutional Shares	922908876	VSCIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Index Institutional Plus Shares	922908397	VSCPX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Index Investor Shares	922908702	NAESX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Growth ETF	922908595	VBK	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Small-Cap Growth Index Admiral Shares	921937710	VSGAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Growth Index Institutional Shares	922908819	VSGIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Growth Index Investor Shares	922908827	VISGX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Value ETF	922908611	VBR	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Small-Cap Value Index Admiral Shares	921937686	VSIAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Value Index Institutional Shares	922908785	VSIIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Small-Cap Value Index Investor Shares	922908793	VISVX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
STAR® Investor Shares	921909107	VGSTX	6/25/21	6/28/21	6/29/21
			12/28/21	12/29/21	12/30/21
Strategic Equity Investor Shares	922038104	VSEQX	12/16/21	12/17/21	12/20/21
Strategic Small-Cap Equity Investor Shares	922038609	VSTCX	12/16/21	12/17/21	12/20/21
Target Retirement 2015 Investor Shares	92202E300	VTXVX	12/28/21	12/29/21	12/30/21
Target Retirement 2020 Investor Shares	92202E805	VTWNX	12/28/21	12/29/21	12/30/21
Target Retirement 2025 Investor Shares	92202E409	VTTVX	12/28/21	12/29/21	12/30/21
Target Retirement 2030 Investor Shares	92202E888	VTHRX	12/28/21	12/29/21	12/30/21
Target Retirement 2035 Investor Shares	92202E508	VTTHX	12/28/21	12/29/21	12/30/21
Target Retirement 2040 Investor Shares	92202E870	VFORX	12/28/21	12/29/21	12/30/21
Target Retirement 2045 Investor Shares	92202E607	VTIVX	12/28/21	12/29/21	12/30/21
Target Retirement 2050 Investor Shares	92202E862	VFIFX	12/28/21	12/29/21	12/30/21
Target Retirement 2055 Investor Shares	92202E847	VFFVX	12/28/21	12/29/21	12/30/21
Target Retirement 2060 Investor Shares	92202E839	VTTSX	12/28/21	12/29/21	12/30/21
Target Retirement 2065 Investor Shares	92202E680	VLXVX	12/28/21	12/29/21	12/30/21
Target Retirement Income Investor Shares	92202E102	VTINX	3/25/21	3/26/21	3/29/21
			6/25/21	6/28/21	6/29/21
			9/27/21	9/28/21	9/29/21
			12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Tax-Exempt Bond ETF	922907746	VTEB	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
			Tax-Exempt Bond Index Admiral Shares	922907753	VTEAX
2/25/21	2/26/21	3/1/21			
3/30/21	3/31/21	4/1/21			
4/29/21	4/30/21	5/3/21			
5/27/21	5/28/21	6/1/21			
6/29/21	6/30/21	7/1/21			
7/29/21	7/30/21	8/2/21			
8/30/21	8/31/21	9/1/21			
9/29/21	9/30/21	10/1/21			
10/28/21	10/29/21	11/1/21			
11/29/21	11/30/21	12/1/21			
12/21/21	12/22/21	12/23/21			
Tax-Managed Balanced Admiral Shares	921943304	VTMFX			
			6/25/21	6/28/21	6/29/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Tax-Managed Capital Appreciation Admiral Shares	921943866	VTCLX	3/23/21	3/24/21	3/25/21
			6/25/21	6/28/21	6/29/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Tax-Managed Capital Appreciation Institutional Shares	921943601	VTCIX	3/23/21	3/24/21	3/25/21
			6/25/21	6/28/21	6/29/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Tax-Managed Small-Cap Admiral Shares	921943403	VTMSX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Tax-Managed Small-Cap Institutional Shares	921943502	VTSIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/28/21	12/29/21	12/30/21
Total Bond Market ETF	921937835	BND	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
Total Bond Market Index Admiral Shares	921937603	VBTLX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Total Bond Market Index Institutional Shares	921937504	VBTIX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Total Bond Market Index Institutional Plus Shares	921937785	VBMPX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Total Bond Market Index Institutional Select Shares	921937660	VTBSX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Total Bond Market Index Investor Shares	921937108	VBMFX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Total Bond Market II Index Institutional Shares	92203C204	VTBNX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21
Total Bond Market II Index Investor Shares	92203C105	VTBIX	3/30/21	3/31/21	4/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Total Corporate Bond ETF	92206C573	VTC	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
			Total International Bond ETF	92203J407	BNDX
3/2/21	3/1/21	3/4/21			
4/5/21	4/1/21	4/7/21			
5/4/21	5/3/21	5/6/21			
6/2/21	6/1/21	6/4/21			
7/2/21	7/1/21	7/7/21			
8/3/21	8/2/21	8/5/21			
9/2/21	9/1/21	9/7/21			
10/4/21	10/1/21	10/6/21			
11/2/21	11/1/21	11/4/21			
12/2/21	12/1/21	12/6/21			
12/27/21	12/23/21	12/29/21			
Total International Bond Index Admiral Shares	92203J308	VTABX			
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Total International Bond Index Institutional Shares	92203J209	VTIFX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Total International Bond Index Institutional Select Shares	92203J878	VSIBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Total International Bond Index Investor Shares	92203J100	VTIBX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Total International Bond II Index Admiral Shares	92211J209	VTIEX	2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
			Total International Bond II Index Institutional Shares	92211J308	VTILX
3/30/21	3/31/21	4/1/21			
4/29/21	4/30/21	5/3/21			
5/27/21	5/28/21	6/1/21			
6/29/21	6/30/21	7/1/21			
7/29/21	7/30/21	8/2/21			
8/30/21	8/31/21	9/1/21			
9/29/21	9/30/21	10/1/21			
10/28/21	10/29/21	11/1/21			
11/29/21	11/30/21	12/1/21			
12/21/21	12/22/21	12/23/21			
Total International Bond II Index Investor Shares	92211J100	VTIIX			
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
			Total International Stock ETF	921909768	VXUS
6/22/21	6/21/21	6/24/21			
9/21/21	9/20/21	9/23/21			
12/21/21	12/20/21	12/23/21			
Total International Stock Index Admiral Shares	921909818	VTIAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Total International Stock Index Institutional Shares	921909784	VTSNX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Total International Stock Index Institutional Plus Shares	921909776	VTPSX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Total International Stock Index Institutional Select Shares	921909743	VTISX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Total International Stock Index Investor Shares	921909602	VGTSX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Total Stock Market ETF	922908769	VTI	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Total Stock Market Index Admiral Shares	922908728	VTSAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Total Stock Market Index Institutional Shares	922908801	VITSX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Total Stock Market Index Institutional Plus Shares	922908355	VSMPX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Total Stock Market Index Institutional Select Shares	922908330	VSTSX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Total Stock Market Index Investor Shares	922908306	VTSMX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Total World Bond ETF	92206C565	BNDW	2/2/21	2/1/21	2/4/21
			3/2/21	3/1/21	3/4/21
			4/5/21	4/1/21	4/7/21
			5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21
Total World Stock ETF	922042742	VT	3/23/21	3/22/21	3/25/21
			6/22/21	6/21/21	6/24/21
			9/21/21	9/20/21	9/23/21
			12/21/21	12/20/21	12/23/21
Total World Stock Index Admiral Shares	922042619	VTWAX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Total World Stock Index Institutional Shares	922042759	VTWIX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/16/21	12/17/21	12/20/21
Treasury Money Market	921932109	VUSXX	12/28/21	12/29/21	12/30/21
Ultra-Short-Term Bond ETF	92203C303	VUSB	5/4/21	5/3/21	5/6/21
			6/2/21	6/1/21	6/4/21
			7/2/21	7/1/21	7/7/21
			8/3/21	8/2/21	8/5/21
			9/2/21	9/1/21	9/7/21
			10/4/21	10/1/21	10/6/21
			11/2/21	11/1/21	11/4/21
			12/2/21	12/1/21	12/6/21
			12/27/21	12/23/21	12/29/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Ultra-Short-Term Bond Admiral Shares	922031711	VUSFX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
Ultra-Short-Term Bond Investor Shares	922031729	VUBFX	1/28/21	1/29/21	2/1/21
			2/25/21	2/26/21	3/1/21
			3/30/21	3/31/21	4/1/21
			4/29/21	4/30/21	5/3/21
			5/27/21	5/28/21	6/1/21
			6/29/21	6/30/21	7/1/21
			7/29/21	7/30/21	8/2/21
			8/30/21	8/31/21	9/1/21
			9/29/21	9/30/21	10/1/21
			10/28/21	10/29/21	11/1/21
			11/29/21	11/30/21	12/1/21
			12/21/21	12/22/21	12/23/21
U.S. Growth Admiral Shares	921910600	VWUAX	12/14/21	12/15/21	12/16/21
U.S. Growth Investor Shares	921910105	VWUSX	12/14/21	12/15/21	12/16/21
U.S. Liquidity Factor ETF	921935300	VFLQ	3/23/21	3/22/21	3/25/21
			6/30/21	6/29/21	7/2/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
U.S. Minimum Volatility ETF	921935409	VFMV	3/23/21	3/22/21	3/25/21
			6/30/21	6/29/21	7/2/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
U.S. Momentum Factor ETF	921935508	VFMO	3/23/21	3/22/21	3/25/21
			6/30/21	6/29/21	7/2/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
U.S. Multifactor ETF	921935607	VFMF	3/23/21	3/22/21	3/25/21
			6/30/21	6/29/21	7/2/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
U.S. Multifactor Admiral Shares	921935888	VFMFX	3/18/21	3/19/21	3/22/21
			6/25/21	6/28/21	6/29/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
U.S. Quality Factor ETF	921935706	VFQY	3/23/21	3/22/21	3/25/21
			6/30/21	6/29/21	7/2/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
U.S. Value Factor ETF	921935805	VFVA	3/23/21	3/22/21	3/25/21
			6/30/21	6/29/21	7/2/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Utilities ETF	92204A876	VPU	3/29/21	3/26/21	3/31/21
			6/22/21	6/21/21	6/24/21
			9/30/21	9/29/21	10/4/21
			12/17/21	12/16/21	12/21/21
Utilities Index Admiral Shares	92204A769	VUIAX	3/24/21	3/25/21	3/26/21
			6/17/21	6/18/21	6/21/21
			9/27/21	9/28/21	9/29/21
			12/14/21	12/15/21	12/16/21
Value ETF	922908744	VTV	3/26/21	3/25/21	3/30/21
			6/25/21	6/24/21	6/29/21
			9/27/21	9/24/21	9/29/21
			12/28/21	12/27/21	12/30/21
Value Index Admiral Shares	922908678	VVIAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Value Index Institutional Shares	922908850	VIVIX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21
Value Index Investor Shares	922908405	VIVAX	3/23/21	3/24/21	3/25/21
			6/22/21	6/23/21	6/24/21
			9/22/21	9/23/21	9/24/21
			12/22/21	12/23/21	12/27/21

Vanguard fund	CUSIP	Ticker	2021 record date	2021 reinvest and/or ex-dividend date	2021 payable date
Wellesley Income Admiral Shares	921938205	VWIAX	3/23/21	3/24/21	3/25/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/17/21	12/20/21	12/21/21
Wellesley Income Investor Shares	921938106	VWINX	3/23/21	3/24/21	3/25/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/17/21	12/20/21	12/21/21
Wellington Admiral Shares	921935201	VWENX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/28/21	12/29/21	12/30/21
Wellington Investor Shares	921935102	VWELX	3/18/21	3/19/21	3/22/21
			6/17/21	6/18/21	6/21/21
			9/16/21	9/17/21	9/20/21
			12/28/21	12/29/21	12/30/21
Windsor™ Admiral Shares	922018403	VWNEX	6/17/21	6/18/21	6/21/21
			12/17/21	12/20/21	12/21/21
Windsor Investor Shares	922018106	VWNDX	6/17/21	6/18/21	6/21/21
			12/17/21	12/20/21	12/21/21
Windsor II Admiral Shares	922018304	VWNAX	6/17/21	6/18/21	6/21/21
			12/17/21	12/20/21	12/21/21
Windsor II Investor Shares	922018205	VWNFX	6/17/21	6/18/21	6/21/21
			12/17/21	12/20/21	12/21/21
VVIF Balanced	921925400	NA	3/25/21	3/26/21	3/29/21
VVIF Capital Growth	921925822	NA	3/25/21	3/26/21	3/29/21
VVIF Conservative Allocation	921925798	NA	3/25/21	3/26/21	3/29/21
VVIF Diversified Value	921925871	NA	3/25/21	3/26/21	3/29/21
VVIF Equity Income	921925608	NA	3/25/21	3/26/21	3/29/21
VVIF Equity Index	921925301	NA	3/25/21	3/26/21	3/29/21
VVIF Global Bond Index	921925772	NA	3/25/21	3/26/21	3/29/21
VVIF Growth	921925509	NA	3/25/21	3/26/21	3/29/21
VVIF High Yield Bond	921925806	NA	3/25/21	3/26/21	3/29/21
VVIF International	921925707	NA	3/25/21	3/26/21	3/29/21
VVIF Mid-Cap Index	921925855	NA	3/25/21	3/26/21	3/29/21
VVIF Moderate Allocation	921925780	NA	3/25/21	3/26/21	3/29/21
VVIF Real Estate Index	921925848	NA	3/25/21	3/26/21	3/29/21
VVIF Short-Term Investment-Grade	921925863	NA	3/25/21	3/26/21	3/29/21

Connect with Vanguard® > [vanguard.com](https://www.vanguard.com) > 877-662-7447

For more information about Vanguard funds or Vanguard ETFs, visit [vanguard.com](https://www.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.

Municipal Money Market Funds: The Fund is only available to retail investors (natural persons). 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. The Fund may impose a fee upon the sale of your shares or may temporarily suspend your ability to sell shares if the Fund's liquidity falls below required minimums because of market conditions or other factors. 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.

Cash Reserves Federal Money Market Fund: 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.

This document is to be used for informational purposes only and is subject to change without notice. Vanguard will not be held liable for inaccuracy or changes to this schedule.

For final distribution rates, check the fund profiles in the Investments area of our website after the fund declaration date.

All investments are subject to risk, including possible loss of principal.

CGS identifiers have been provided by CUSIP Global Services, managed on behalf of the American Bankers Association by Standard & Poor's Financial Services, LLC, and are not for use or dissemination in a manner that would serve as a substitute for any CUSIP service. The CUSIP Database, © 2021 American Bankers Association. "CUSIP" is a registered trademark of the American Bankers Association.

Vanguard®

© 2021 The Vanguard Group, Inc.
All rights reserved.
U.S. Patent No. 6,879,964.
Vanguard Marketing Corporation, Distributor.

FADIVDAT 122021