

Form 605

Corporations Act 2001
Section 671B

Notice of ceasing to be a substantial holder

To Company Name/Scheme ASX Limited

ACN/ARSN 008 624 691

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including Vanguard Investments Australia Ltd)

ACN/ARSN (if applicable) N/A

The holder ceased to be a substantial holder on 5 November 2021

The previous notice was given to the company on 1 October 2018

The previous notice was dated 1 October 2018

2. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest (2) of the substantial holder or an associate (3) in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (4)	Consideration given in relation to change (5)	Class (6) and number of securities affected	Person's votes affected
Update to previous 605 form notice to include transactions not identified in previous notice See Annexure A					Vanguard Group now holds 4.709% of voting power

3. Changes in association

The persons who have become associates (3) of, ceased to be associates of, or have changed the nature of their association (7) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
N/A	N/A


4. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Vanguard Group	P.O. Box 2600, V26 Valley Forge, PA 19482 USA

Signature

print name Shawn Acker capacity Compliance Manager

sign here  date 18 November 2021

To Company
ACN/ARSN

ASX Limited
008 624 691

Substantial Holder Name

Vanguard Group

ACN/ARSN

N/A

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
1-Oct-2018	The Vanguard Group, Inc.	Buy	62.99	Ordinary	1,446	1,446
2-Oct-2018	The Vanguard Group, Inc.	Buy	62.21	Ordinary	3,856	3,856
2-Oct-2018	The Vanguard Group, Inc.	Sell	63.00	Ordinary	(85)	(85)
2-Oct-2018	The Vanguard Group, Inc.	Sell	62.21	Ordinary	(665)	(665)
3-Oct-2018	The Vanguard Group, Inc.	Buy	61.70	Ordinary	1,446	1,446
3-Oct-2018	The Vanguard Group, Inc.	Buy	61.70	Ordinary	1,176	1,176
9-Oct-2018	The Vanguard Group, Inc.	Buy	60.06	Ordinary	3,332	3,332
11-Oct-2018	The Vanguard Group, Inc.	Buy	58.30	Ordinary	1,038	1,038
15-Oct-2018	The Vanguard Group, Inc.	Buy	58.01	Ordinary	1,730	1,730
16-Oct-2018	The Vanguard Group, Inc.	Sell	58.10	Ordinary	(94)	(94)
18-Oct-2018	The Vanguard Group, Inc.	Sell	59.40	Ordinary	(100)	(100)
19-Oct-2018	The Vanguard Group, Inc.	Buy	59.23	Ordinary	1,038	1,038
19-Oct-2018	The Vanguard Group, Inc.	Buy	59.23	Ordinary	1,446	1,446
22-Oct-2018	The Vanguard Group, Inc.	Buy	59.15	Ordinary	195	195
23-Oct-2018	The Vanguard Group, Inc.	Buy	58.72	Ordinary	1,209	1,209
24-Oct-2018	The Vanguard Group, Inc.	Buy	59.11	Ordinary	22,199	22,199
25-Oct-2018	The Vanguard Group, Inc.	Buy	57.99	Ordinary	7,388	7,388
25-Oct-2018	The Vanguard Group, Inc.	Buy	57.70	Ordinary	1,205	1,205
26-Oct-2018	The Vanguard Group, Inc.	Buy	57.91	Ordinary	11,993	11,993
26-Oct-2018	The Vanguard Group, Inc.	Buy	57.91	Ordinary	182	182
26-Oct-2018	The Vanguard Group, Inc.	Buy	58.00	Ordinary	600	600
30-Oct-2018	The Vanguard Group, Inc.	Buy	58.67	Ordinary	2,983	2,983
31-Oct-2018	The Vanguard Group, Inc.	Buy	59.31	Ordinary	1,687	1,687
1-Nov-2018	The Vanguard Group, Inc.	Buy	59.31	Ordinary	15,896	15,896
1-Nov-2018	The Vanguard Group, Inc.	Buy	59.33	Ordinary	2,410	2,410
1-Nov-2018	The Vanguard Group, Inc.	Sell	59.28	Ordinary	(12,683)	(12,683)
2-Nov-2018	The Vanguard Group, Inc.	Sell	59.61	Ordinary	(4,353)	(4,353)
5-Nov-2018	The Vanguard Group, Inc.	Sell	59.52	Ordinary	(1,456)	(1,456)
7-Nov-2018	The Vanguard Group, Inc.	Buy	60.39	Ordinary	1,928	1,928
9-Nov-2018	The Vanguard Group, Inc.	Buy	60.58	Ordinary	273	273
9-Nov-2018	The Vanguard Group, Inc.	Sell	61.18	Ordinary	(385)	(385)
12-Nov-2018	The Vanguard Group, Inc.	Buy	61.55	Ordinary	1,446	1,446
13-Nov-2018	The Vanguard Group, Inc.	Buy	60.94	Ordinary	13,925	13,925
13-Nov-2018	The Vanguard Group, Inc.	Buy	60.94	Ordinary	257	257
13-Nov-2018	The Vanguard Group, Inc.	Buy	61.02	Ordinary	794	794
14-Nov-2018	The Vanguard Group, Inc.	Buy	60.52	Ordinary	1,446	1,446
14-Nov-2018	The Vanguard Group, Inc.	Buy	60.52	Ordinary	1,928	1,928
15-Nov-2018	The Vanguard Group, Inc.	Buy	61.30	Ordinary	1,472	1,472
15-Nov-2018	The Vanguard Group, Inc.	Buy	61.30	Ordinary	266	266
21-Nov-2018	The Vanguard Group, Inc.	Buy	59.94	Ordinary	1,928	1,928
28-Nov-2018	The Vanguard Group, Inc.	Buy	61.41	Ordinary	876	876
28-Nov-2018	The Vanguard Group, Inc.	Buy	61.41	Ordinary	146	146
28-Nov-2018	The Vanguard Group, Inc.	Buy	61.41	Ordinary	1,205	1,205
28-Nov-2018	The Vanguard Group, Inc.	Buy	61.41	Ordinary	1,372	1,372
30-Nov-2018	The Vanguard Group, Inc.	Buy	60.48	Ordinary	115	115
30-Nov-2018	The Vanguard Group, Inc.	Sell	60.47	Ordinary	(5,367)	(5,367)
3-Dec-2018	The Vanguard Group, Inc.	Buy	61.44	Ordinary	230	230
4-Dec-2018	The Vanguard Group, Inc.	Buy	60.35	Ordinary	1,472	1,472

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
4-Dec-2018	The Vanguard Group, Inc.	Buy	60.35	Ordinary	1,928	1,928
4-Dec-2018	The Vanguard Group, Inc.	Buy	61.05	Ordinary	1,956	1,956
5-Dec-2018	The Vanguard Group, Inc.	Buy	59.92	Ordinary	512	512
5-Dec-2018	The Vanguard Group, Inc.	Buy	59.92	Ordinary	6,480	6,480
5-Dec-2018	The Vanguard Group, Inc.	Buy	59.97	Ordinary	19,189	19,189
5-Dec-2018	The Vanguard Group, Inc.	Buy	60.02	Ordinary	966	966
6-Dec-2018	The Vanguard Group, Inc.	Buy	60.28	Ordinary	1,104	1,104
6-Dec-2018	The Vanguard Group, Inc.	Sell	60.07	Ordinary	(175)	(175)
6-Dec-2018	The Vanguard Group, Inc.	Buy	60.07	Ordinary	1,305	1,305
7-Dec-2018	The Vanguard Group, Inc.	Buy	59.47	Ordinary	1,687	1,687
7-Dec-2018	The Vanguard Group, Inc.	Buy	59.47	Ordinary	1,928	1,928
10-Dec-2018	The Vanguard Group, Inc.	Buy	58.59	Ordinary	1,036	1,036
11-Dec-2018	The Vanguard Group, Inc.	Buy	58.80	Ordinary	16,781	16,781
11-Dec-2018	The Vanguard Group, Inc.	Buy	58.78	Ordinary	1,928	1,928
11-Dec-2018	The Vanguard Group, Inc.	Buy	58.78	Ordinary	1,446	1,446
12-Dec-2018	The Vanguard Group, Inc.	Buy	58.99	Ordinary	1,446	1,446
12-Dec-2018	The Vanguard Group, Inc.	Buy	58.99	Ordinary	4,097	4,097
12-Dec-2018	The Vanguard Group, Inc.	Buy	58.99	Ordinary	1,446	1,446
12-Dec-2018	The Vanguard Group, Inc.	Buy	58.99	Ordinary	784	784
13-Dec-2018	The Vanguard Group, Inc.	Buy	59.39	Ordinary	1,372	1,372
13-Dec-2018	The Vanguard Group, Inc.	Buy	59.39	Ordinary	266	266
14-Dec-2018	The Vanguard Group, Inc.	Buy	58.85	Ordinary	1,446	1,446
14-Dec-2018	The Vanguard Group, Inc.	Buy	58.85	Ordinary	588	588
14-Dec-2018	The Vanguard Group, Inc.	Sell	59.14	Ordinary	(106)	(106)
17-Dec-2018	The Vanguard Group, Inc.	Buy	59.49	Ordinary	2,892	2,892
17-Dec-2018	The Vanguard Group, Inc.	Buy	59.49	Ordinary	1,960	1,960
17-Dec-2018	The Vanguard Group, Inc.	Sell	60.11	Ordinary	(3,403)	(3,403)
18-Dec-2018	The Vanguard Group, Inc.	Buy	59.29	Ordinary	156	156
20-Dec-2018	The Vanguard Group, Inc.	Buy	57.81	Ordinary	1,928	1,928
20-Dec-2018	The Vanguard Group, Inc.	Sell	58.19	Ordinary	(6,996)	(6,996)
20-Dec-2018	The Vanguard Group, Inc.	Buy	58.19	Ordinary	1,495	1,495
21-Dec-2018	The Vanguard Group, Inc.	Sell	58.35	Ordinary	(160)	(160)
24-Dec-2018	The Vanguard Group, Inc.	Buy	57.98	Ordinary	2,416	2,416
24-Dec-2018	The Vanguard Group, Inc.	Buy	57.98	Ordinary	1,510	1,510
26-Dec-2018	The Vanguard Group, Inc.	Buy	59.48	Ordinary	906	906
27-Dec-2018	The Vanguard Group, Inc.	Buy	60.05	Ordinary	530	530
27-Dec-2018	The Vanguard Group, Inc.	Buy	60.05	Ordinary	453	453
27-Dec-2018	The Vanguard Group, Inc.	Buy	60.05	Ordinary	755	755
27-Dec-2018	The Vanguard Group, Inc.	Buy	60.05	Ordinary	2,265	2,265
27-Dec-2018	The Vanguard Group, Inc.	Buy	60.05	Ordinary	230	230
28-Dec-2018	The Vanguard Group, Inc.	Buy	60.34	Ordinary	1,056	1,056
31-Dec-2018	The Vanguard Group, Inc.	Buy	59.99	Ordinary	2,544	2,544
2-Jan-2019	The Vanguard Group, Inc.	Buy	60.10	Ordinary	742	742
2-Jan-2019	The Vanguard Group, Inc.	Buy	60.10	Ordinary	1,908	1,908
2-Jan-2019	The Vanguard Group, Inc.	Buy	59.51	Ordinary	226	226
2-Jan-2019	The Vanguard Group, Inc.	Buy	60.10	Ordinary	1,057	1,057
2-Jan-2019	The Vanguard Group, Inc.	Buy	60.10	Ordinary	906	906
2-Jan-2019	The Vanguard Group, Inc.	Buy	60.10	Ordinary	248	248
2-Jan-2019	The Vanguard Group, Inc.	Buy	59.58	Ordinary	1,248	1,248
3-Jan-2019	The Vanguard Group, Inc.	Buy	60.66	Ordinary	755	755
3-Jan-2019	The Vanguard Group, Inc.	Buy	60.66	Ordinary	248	248
3-Jan-2019	The Vanguard Group, Inc.	Buy	60.38	Ordinary	924	924
4-Jan-2019	The Vanguard Group, Inc.	Buy	60.67	Ordinary	185	185
7-Jan-2019	The Vanguard Group, Inc.	Buy	61.66	Ordinary	302	302
8-Jan-2019	The Vanguard Group, Inc.	Sell	61.18	Ordinary	(95)	(95)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
8-Jan-2019	The Vanguard Group, Inc.	Buy	61.92	Ordinary	575	575
8-Jan-2019	The Vanguard Group, Inc.	Sell	61.56	Ordinary	(4,993)	(4,993)
8-Jan-2019	The Vanguard Group, Inc.	Sell	61.82	Ordinary	(752)	(752)
9-Jan-2019	The Vanguard Group, Inc.	Sell	61.64	Ordinary	(2,845)	(2,845)
10-Jan-2019	The Vanguard Group, Inc.	Buy	62.52	Ordinary	1,696	1,696
10-Jan-2019	The Vanguard Group, Inc.	Buy	62.52	Ordinary	496	496
10-Jan-2019	The Vanguard Group, Inc.	Sell	62.09	Ordinary	(2,268)	(2,268)
10-Jan-2019	The Vanguard Group, Inc.	Buy	62.22	Ordinary	997	997
11-Jan-2019	The Vanguard Group, Inc.	Buy	62.25	Ordinary	636	636
11-Jan-2019	The Vanguard Group, Inc.	Buy	62.25	Ordinary	230	230
15-Jan-2019	The Vanguard Group, Inc.	Sell	62.84	Ordinary	(2,243)	(2,243)
17-Jan-2019	The Vanguard Group, Inc.	Sell	63.44	Ordinary	(2,207)	(2,207)
17-Jan-2019	The Vanguard Group, Inc.	Sell	63.64	Ordinary	(1,326)	(1,326)
17-Jan-2019	The Vanguard Group, Inc.	Buy	63.28	Ordinary	188	188
17-Jan-2019	The Vanguard Group, Inc.	Sell	63.28	Ordinary	(1,518)	(1,518)
18-Jan-2019	The Vanguard Group, Inc.	Sell	63.61	Ordinary	(86)	(86)
18-Jan-2019	The Vanguard Group, Inc.	Sell	63.90	Ordinary	(550)	(550)
22-Jan-2019	The Vanguard Group, Inc.	Sell	63.74	Ordinary	(1,326)	(1,326)
22-Jan-2019	The Vanguard Group, Inc.	Buy	64.00	Ordinary	494	494
22-Jan-2019	The Vanguard Group, Inc.	Buy	64.00	Ordinary	67	67
23-Jan-2019	The Vanguard Group, Inc.	Sell	64.47	Ordinary	(2,873)	(2,873)
23-Jan-2019	The Vanguard Group, Inc.	Buy	64.48	Ordinary	187	187
24-Jan-2019	The Vanguard Group, Inc.	Sell	64.99	Ordinary	(2,873)	(2,873)
24-Jan-2019	The Vanguard Group, Inc.	Buy	64.86	Ordinary	2,899	2,899
25-Jan-2019	The Vanguard Group, Inc.	Buy	64.85	Ordinary	140	140
28-Jan-2019	The Vanguard Group, Inc.	Sell	64.65	Ordinary	(906)	(906)
29-Jan-2019	The Vanguard Group, Inc.	Sell	64.53	Ordinary	(1,768)	(1,768)
29-Jan-2019	The Vanguard Group, Inc.	Sell	64.53	Ordinary	(4,199)	(4,199)
29-Jan-2019	The Vanguard Group, Inc.	Sell	64.53	Ordinary	(1,768)	(1,768)
29-Jan-2019	The Vanguard Group, Inc.	Sell	64.42	Ordinary	(85)	(85)
29-Jan-2019	The Vanguard Group, Inc.	Sell	64.53	Ordinary	(604)	(604)
30-Jan-2019	The Vanguard Group, Inc.	Buy	64.40	Ordinary	742	742
30-Jan-2019	The Vanguard Group, Inc.	Sell	64.40	Ordinary	(906)	(906)
30-Jan-2019	The Vanguard Group, Inc.	Buy	64.06	Ordinary	5,343	5,343
31-Jan-2019	The Vanguard Group, Inc.	Sell	63.88	Ordinary	(2,567)	(2,567)
31-Jan-2019	The Vanguard Group, Inc.	Buy	63.71	Ordinary	100	100
5-Feb-2019	The Vanguard Group, Inc.	Buy	65.51	Ordinary	1,166	1,166
5-Feb-2019	The Vanguard Group, Inc.	Sell	64.56	Ordinary	(135)	(135)
5-Feb-2019	The Vanguard Group, Inc.	Buy	64.58	Ordinary	912	912
7-Feb-2019	The Vanguard Group, Inc.	Sell	66.91	Ordinary	(1,304)	(1,304)
7-Feb-2019	The Vanguard Group, Inc.	Buy	66.91	Ordinary	2,120	2,120
7-Feb-2019	The Vanguard Group, Inc.	Sell	66.91	Ordinary	(604)	(604)
7-Feb-2019	The Vanguard Group, Inc.	Sell	66.91	Ordinary	(604)	(604)
8-Feb-2019	The Vanguard Group, Inc.	Buy	67.04	Ordinary	5,873	5,873
8-Feb-2019	The Vanguard Group, Inc.	Sell	67.31	Ordinary	(1,963)	(1,963)
8-Feb-2019	The Vanguard Group, Inc.	Buy	67.21	Ordinary	2,442	2,442
11-Feb-2019	The Vanguard Group, Inc.	Sell	67.56	Ordinary	(1,359)	(1,359)
11-Feb-2019	The Vanguard Group, Inc.	Buy	67.41	Ordinary	3,863	3,863
12-Feb-2019	The Vanguard Group, Inc.	Sell	68.25	Ordinary	(10,063)	(10,063)
13-Feb-2019	The Vanguard Group, Inc.	Buy	68.38	Ordinary	14,087	14,087
13-Feb-2019	The Vanguard Group, Inc.	Sell	68.38	Ordinary	(906)	(906)
15-Feb-2019	The Vanguard Group, Inc.	Sell	68.21	Ordinary	(44)	(44)
18-Feb-2019	The Vanguard Group, Inc.	Buy	67.70	Ordinary	685	685
20-Feb-2019	The Vanguard Group, Inc.	Sell	68.69	Ordinary	(2,045)	(2,045)
20-Feb-2019	The Vanguard Group, Inc.	Buy	68.69	Ordinary	3,313	3,313

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21-Feb-2019	The Vanguard Group, Inc.	Sell	69.63	Ordinary	(755)	(755)
26-Feb-2019	The Vanguard Group, Inc.	Buy	68.83	Ordinary	1,105	1,105
26-Feb-2019	The Vanguard Group, Inc.	Buy	68.87	Ordinary	180	180
27-Feb-2019	The Vanguard Group, Inc.	Buy	69.31	Ordinary	248	248
27-Feb-2019	The Vanguard Group, Inc.	Buy	69.16	Ordinary	100	100
28-Feb-2019	The Vanguard Group, Inc.	Sell	69.77	Ordinary	(3,368)	(3,368)
1-Mar-2019	The Vanguard Group, Inc.	Buy	70.19	Ordinary	202	202
1-Mar-2019	The Vanguard Group, Inc.	Sell	70.19	Ordinary	(4,827)	(4,827)
1-Mar-2019	The Vanguard Group, Inc.	Buy	70.19	Ordinary	155	155
1-Mar-2019	The Vanguard Group, Inc.	Sell	70.19	Ordinary	(755)	(755)
4-Mar-2019	The Vanguard Group, Inc.	Sell	70.69	Ordinary	(4,023)	(4,023)
4-Mar-2019	The Vanguard Group, Inc.	Buy	70.69	Ordinary	986	986
4-Mar-2019	The Vanguard Group, Inc.	Sell	70.69	Ordinary	(502)	(502)
5-Mar-2019	The Vanguard Group, Inc.	Buy	69.69	Ordinary	1,326	1,326
5-Mar-2019	The Vanguard Group, Inc.	Sell	69.66	Ordinary	(939)	(939)
6-Mar-2019	The Vanguard Group, Inc.	Buy	70.12	Ordinary	194	194
8-Mar-2019	The Vanguard Group, Inc.	Buy	69.47	Ordinary	1,105	1,105
11-Mar-2019	The Vanguard Group, Inc.	Buy	69.11	Ordinary	100	100
12-Mar-2019	The Vanguard Group, Inc.	Buy	69.14	Ordinary	38,223	38,223
12-Mar-2019	The Vanguard Group, Inc.	Buy	69.16	Ordinary	6,591	6,591
12-Mar-2019	The Vanguard Group, Inc.	Sell	69.08	Ordinary	(627)	(627)
13-Mar-2019	The Vanguard Group, Inc.	Sell	69.00	Ordinary	(22,550)	(22,550)
13-Mar-2019	The Vanguard Group, Inc.	Sell	69.00	Ordinary	(988)	(988)
14-Mar-2019	The Vanguard Group, Inc.	Buy	69.09	Ordinary	45,243	45,243
14-Mar-2019	The Vanguard Group, Inc.	Sell	69.23	Ordinary	(2,044)	(2,044)
15-Mar-2019	The Vanguard Group, Inc.	Sell	70.16	Ordinary	(4,216)	(4,216)
15-Mar-2019	The Vanguard Group, Inc.	Buy	70.20	Ordinary	1,521	1,521
15-Mar-2019	The Vanguard Group, Inc.	Buy	70.16	Ordinary	504	504
15-Mar-2019	The Vanguard Group, Inc.	Buy	70.20	Ordinary	81	81
15-Mar-2019	The Vanguard Group, Inc.	Buy	70.16	Ordinary	26	26
15-Mar-2019	The Vanguard Group, Inc.	Sell	70.16	Ordinary	(384)	(384)
18-Mar-2019	The Vanguard Group, Inc.	Buy	70.44	Ordinary	1,484	1,484
19-Mar-2019	The Vanguard Group, Inc.	Buy	69.75	Ordinary	50	50
19-Mar-2019	The Vanguard Group, Inc.	Buy	69.75	Ordinary	1,364	1,364
20-Mar-2019	The Vanguard Group, Inc.	Buy	69.93	Ordinary	663	663
27-Mar-2019	The Vanguard Group, Inc.	Sell	68.17	Ordinary	(105)	(105)
27-Mar-2019	The Vanguard Group, Inc.	Buy	68.44	Ordinary	290	290
28-Mar-2019	The Vanguard Group, Inc.	Sell	69.24	Ordinary	(569)	(569)
29-Mar-2019	The Vanguard Group, Inc.	Buy	69.73	Ordinary	555	555
29-Mar-2019	The Vanguard Group, Inc.	Buy	69.84	Ordinary	100	100
29-Mar-2019	The Vanguard Group, Inc.	Sell	69.84	Ordinary	(2,615)	(2,615)
1-Apr-2019	The Vanguard Group, Inc.	Buy	69.66	Ordinary	884	884
1-Apr-2019	The Vanguard Group, Inc.	Buy	69.66	Ordinary	290	290
4-Apr-2019	The Vanguard Group, Inc.	Buy	71.28	Ordinary	334	334
4-Apr-2019	The Vanguard Group, Inc.	Sell	71.28	Ordinary	(1,479)	(1,479)
5-Apr-2019	The Vanguard Group, Inc.	Buy	70.73	Ordinary	2,120	2,120
5-Apr-2019	The Vanguard Group, Inc.	Buy	70.73	Ordinary	290	290
8-Apr-2019	The Vanguard Group, Inc.	Buy	70.76	Ordinary	290	290
9-Apr-2019	The Vanguard Group, Inc.	Sell	70.68	Ordinary	(1,149)	(1,149)
10-Apr-2019	The Vanguard Group, Inc.	Buy	70.68	Ordinary	4,649	4,649
12-Apr-2019	The Vanguard Group, Inc.	Buy	71.49	Ordinary	6,038	6,038
16-Apr-2019	The Vanguard Group, Inc.	Sell	71.60	Ordinary	(9,479)	(9,479)
16-Apr-2019	The Vanguard Group, Inc.	Buy	71.38	Ordinary	200	200
16-Apr-2019	The Vanguard Group, Inc.	Buy	71.61	Ordinary	100	100
17-Apr-2019	The Vanguard Group, Inc.	Buy	71.68	Ordinary	11,421	11,421

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18-Apr-2019	The Vanguard Group, Inc.	Sell	71.87	Ordinary	(80,511)	(80,511)
18-Apr-2019	The Vanguard Group, Inc.	Buy	71.87	Ordinary	80,511	80,511
18-Apr-2019	The Vanguard Group, Inc.	Buy	71.62	Ordinary	2,511	2,511
23-Apr-2019	The Vanguard Group, Inc.	Buy	73.18	Ordinary	1,908	1,908
23-Apr-2019	The Vanguard Group, Inc.	Sell	72.82	Ordinary	(1,006)	(1,006)
24-Apr-2019	The Vanguard Group, Inc.	Sell	74.16	Ordinary	(3,200)	(3,200)
24-Apr-2019	The Vanguard Group, Inc.	Buy	73.11	Ordinary	227	227
24-Apr-2019	The Vanguard Group, Inc.	Buy	74.16	Ordinary	186	186
26-Apr-2019	The Vanguard Group, Inc.	Buy	74.93	Ordinary	1,105	1,105
26-Apr-2019	The Vanguard Group, Inc.	Sell	73.64	Ordinary	(97)	(97)
30-Apr-2019	The Vanguard Group, Inc.	Buy	74.53	Ordinary	300	300
2-May-2019	The Vanguard Group, Inc.	Buy	75.25	Ordinary	27,343	27,343
3-May-2019	The Vanguard Group, Inc.	Buy	75.50	Ordinary	353	353
3-May-2019	The Vanguard Group, Inc.	Buy	75.42	Ordinary	255	255
6-May-2019	The Vanguard Group, Inc.	Sell	75.10	Ordinary	(978)	(978)
7-May-2019	The Vanguard Group, Inc.	Buy	75.16	Ordinary	786	786
7-May-2019	The Vanguard Group, Inc.	Buy	75.16	Ordinary	10,146	10,146
7-May-2019	The Vanguard Group, Inc.	Buy	74.81	Ordinary	1,060	1,060
7-May-2019	The Vanguard Group, Inc.	Buy	75.24	Ordinary	353	353
8-May-2019	The Vanguard Group, Inc.	Sell	74.73	Ordinary	(978)	(978)
8-May-2019	The Vanguard Group, Inc.	Buy	74.62	Ordinary	8,796	8,796
8-May-2019	The Vanguard Group, Inc.	Buy	74.73	Ordinary	300	300
9-May-2019	The Vanguard Group, Inc.	Buy	75.29	Ordinary	1,326	1,326
9-May-2019	The Vanguard Group, Inc.	Buy	75.29	Ordinary	288	288
10-May-2019	The Vanguard Group, Inc.	Buy	75.33	Ordinary	21,886	21,886
10-May-2019	The Vanguard Group, Inc.	Buy	75.35	Ordinary	225	225
10-May-2019	The Vanguard Group, Inc.	Sell	75.35	Ordinary	(3,218)	(3,218)
14-May-2019	The Vanguard Group, Inc.	Sell	74.62	Ordinary	(978)	(978)
14-May-2019	The Vanguard Group, Inc.	Buy	74.62	Ordinary	604	604
14-May-2019	The Vanguard Group, Inc.	Buy	74.62	Ordinary	144	144
14-May-2019	The Vanguard Group, Inc.	Buy	74.60	Ordinary	100	100
15-May-2019	The Vanguard Group, Inc.	Buy	75.15	Ordinary	25,404	25,404
15-May-2019	The Vanguard Group, Inc.	Buy	75.22	Ordinary	2,553	2,553
16-May-2019	The Vanguard Group, Inc.	Buy	75.26	Ordinary	30,142	30,142
17-May-2019	The Vanguard Group, Inc.	Buy	76.12	Ordinary	14,589	14,589
20-May-2019	The Vanguard Group, Inc.	Buy	76.43	Ordinary	1,060	1,060
20-May-2019	The Vanguard Group, Inc.	Buy	76.72	Ordinary	2,748	2,748
21-May-2019	The Vanguard Group, Inc.	Buy	77.10	Ordinary	866	866
22-May-2019	The Vanguard Group, Inc.	Buy	76.74	Ordinary	10,488	10,488
22-May-2019	The Vanguard Group, Inc.	Buy	76.74	Ordinary	6,745	6,745
22-May-2019	The Vanguard Group, Inc.	Buy	76.78	Ordinary	961	961
24-May-2019	The Vanguard Group, Inc.	Buy	76.77	Ordinary	326	326
28-May-2019	The Vanguard Group, Inc.	Buy	76.53	Ordinary	1,105	1,105
28-May-2019	The Vanguard Group, Inc.	Sell	77.12	Ordinary	(7,389)	(7,389)
28-May-2019	The Vanguard Group, Inc.	Buy	77.08	Ordinary	851	851
29-May-2019	The Vanguard Group, Inc.	Buy	75.94	Ordinary	549	549
29-May-2019	The Vanguard Group, Inc.	Sell	76.03	Ordinary	(162)	(162)
29-May-2019	The Vanguard Group, Inc.	Buy	76.03	Ordinary	385	385
30-May-2019	The Vanguard Group, Inc.	Buy	75.61	Ordinary	17,266	17,266
31-May-2019	The Vanguard Group, Inc.	Sell	75.75	Ordinary	(5,352)	(5,352)
3-Jun-2019	The Vanguard Group, Inc.	Buy	74.92	Ordinary	1,060	1,060
4-Jun-2019	The Vanguard Group, Inc.	Buy	75.25	Ordinary	1,236	1,236
5-Jun-2019	The Vanguard Group, Inc.	Sell	76.62	Ordinary	(1,304)	(1,304)
5-Jun-2019	The Vanguard Group, Inc.	Sell	76.62	Ordinary	(652)	(652)
5-Jun-2019	The Vanguard Group, Inc.	Buy	76.06	Ordinary	22,852	22,852

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5-Jun-2019	The Vanguard Group, Inc.	Sell	76.31	Ordinary	(393)	(393)
6-Jun-2019	The Vanguard Group, Inc.	Buy	78.40	Ordinary	288	288
6-Jun-2019	The Vanguard Group, Inc.	Buy	78.15	Ordinary	100	100
6-Jun-2019	The Vanguard Group, Inc.	Sell	78.15	Ordinary	(5,791)	(5,791)
7-Jun-2019	The Vanguard Group, Inc.	Buy	79.47	Ordinary	288	288
7-Jun-2019	The Vanguard Group, Inc.	Buy	79.47	Ordinary	200	200
7-Jun-2019	The Vanguard Group, Inc.	Buy	79.01	Ordinary	55	55
7-Jun-2019	The Vanguard Group, Inc.	Buy	79.01	Ordinary	24,305	24,305
10-Jun-2019	The Vanguard Group, Inc.	Buy	79.83	Ordinary	1,272	1,272
10-Jun-2019	The Vanguard Group, Inc.	Buy	79.83	Ordinary	300	300
11-Jun-2019	The Vanguard Group, Inc.	Sell	80.70	Ordinary	(815)	(815)
12-Jun-2019	The Vanguard Group, Inc.	Buy	80.93	Ordinary	1,272	1,272
12-Jun-2019	The Vanguard Group, Inc.	Buy	80.90	Ordinary	157	157
12-Jun-2019	The Vanguard Group, Inc.	Sell	80.87	Ordinary	(20,835)	(20,835)
13-Jun-2019	The Vanguard Group, Inc.	Buy	81.98	Ordinary	424	424
13-Jun-2019	The Vanguard Group, Inc.	Sell	81.76	Ordinary	(4,495)	(4,495)
14-Jun-2019	The Vanguard Group, Inc.	Sell	81.07	Ordinary	(489)	(489)
14-Jun-2019	The Vanguard Group, Inc.	Buy	81.07	Ordinary	200	200
14-Jun-2019	The Vanguard Group, Inc.	Buy	81.07	Ordinary	200	200
14-Jun-2019	The Vanguard Group, Inc.	Sell	81.09	Ordinary	(6,222)	(6,222)
17-Jun-2019	The Vanguard Group, Inc.	Buy	81.10	Ordinary	100	100
17-Jun-2019	The Vanguard Group, Inc.	Sell	81.10	Ordinary	(1,620)	(1,620)
18-Jun-2019	The Vanguard Group, Inc.	Buy	82.10	Ordinary	288	288
20-Jun-2019	The Vanguard Group, Inc.	Buy	83.57	Ordinary	1,060	1,060
21-Jun-2019	The Vanguard Group, Inc.	Sell	82.70	Ordinary	(53,994)	(53,994)
21-Jun-2019	The Vanguard Group, Inc.	Sell	82.71	Ordinary	(18,037)	(18,037)
21-Jun-2019	The Vanguard Group, Inc.	Buy	82.76	Ordinary	530	530
21-Jun-2019	The Vanguard Group, Inc.	Sell	82.70	Ordinary	(1,538)	(1,538)
21-Jun-2019	The Vanguard Group, Inc.	Sell	82.71	Ordinary	(514)	(514)
24-Jun-2019	The Vanguard Group, Inc.	Buy	82.33	Ordinary	1,208	1,208
25-Jun-2019	The Vanguard Group, Inc.	Sell	82.84	Ordinary	(489)	(489)
25-Jun-2019	The Vanguard Group, Inc.	Buy	82.84	Ordinary	636	636
25-Jun-2019	The Vanguard Group, Inc.	Buy	82.84	Ordinary	954	954
25-Jun-2019	The Vanguard Group, Inc.	Buy	83.23	Ordinary	375	375
26-Jun-2019	The Vanguard Group, Inc.	Buy	82.97	Ordinary	742	742
26-Jun-2019	The Vanguard Group, Inc.	Buy	82.97	Ordinary	1,272	1,272
26-Jun-2019	The Vanguard Group, Inc.	Buy	83.15	Ordinary	393	393
26-Jun-2019	The Vanguard Group, Inc.	Buy	83.15	Ordinary	553	553
27-Jun-2019	The Vanguard Group, Inc.	Sell	82.93	Ordinary	(278)	(278)
28-Jun-2019	The Vanguard Group, Inc.	Buy	82.53	Ordinary	1,000	1,000
28-Jun-2019	The Vanguard Group, Inc.	Sell	82.37	Ordinary	(39)	(39)
1-Jul-2019	The Vanguard Group, Inc.	Buy	83.38	Ordinary	200	200
1-Jul-2019	The Vanguard Group, Inc.	Buy	83.64	Ordinary	563	563
2-Jul-2019	The Vanguard Group, Inc.	Buy	84.06	Ordinary	954	954
2-Jul-2019	The Vanguard Group, Inc.	Buy	83.99	Ordinary	5,957	5,957
2-Jul-2019	The Vanguard Group, Inc.	Buy	84.04	Ordinary	3,613	3,613
4-Jul-2019	The Vanguard Group, Inc.	Buy	85.95	Ordinary	1,732	1,732
5-Jul-2019	The Vanguard Group, Inc.	Buy	87.57	Ordinary	884	884
9-Jul-2019	The Vanguard Group, Inc.	Buy	86.79	Ordinary	1,060	1,060
9-Jul-2019	The Vanguard Group, Inc.	Buy	86.41	Ordinary	1,507	1,507
9-Jul-2019	The Vanguard Group, Inc.	Buy	86.41	Ordinary	100	100
10-Jul-2019	The Vanguard Group, Inc.	Buy	86.49	Ordinary	559	559
11-Jul-2019	The Vanguard Group, Inc.	Buy	86.62	Ordinary	1,033	1,033
12-Jul-2019	The Vanguard Group, Inc.	Sell	86.61	Ordinary	(2,947)	(2,947)
15-Jul-2019	The Vanguard Group, Inc.	Buy	85.98	Ordinary	1,326	1,326

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17-Jul-2019	The Vanguard Group, Inc.	Buy	86.75	Ordinary	530	530
17-Jul-2019	The Vanguard Group, Inc.	Buy	86.75	Ordinary	742	742
17-Jul-2019	The Vanguard Group, Inc.	Buy	86.75	Ordinary	1,060	1,060
17-Jul-2019	The Vanguard Group, Inc.	Sell	87.09	Ordinary	(276)	(276)
18-Jul-2019	The Vanguard Group, Inc.	Sell	86.60	Ordinary	(510)	(510)
19-Jul-2019	The Vanguard Group, Inc.	Buy	87.03	Ordinary	262	262
22-Jul-2019	The Vanguard Group, Inc.	Buy	83.25	Ordinary	1,060	1,060
22-Jul-2019	The Vanguard Group, Inc.	Buy	83.25	Ordinary	1,105	1,105
22-Jul-2019	The Vanguard Group, Inc.	Buy	83.25	Ordinary	1,105	1,105
22-Jul-2019	The Vanguard Group, Inc.	Buy	83.25	Ordinary	262	262
22-Jul-2019	The Vanguard Group, Inc.	Sell	83.17	Ordinary	(3,411)	(3,411)
23-Jul-2019	The Vanguard Group, Inc.	Buy	86.18	Ordinary	1,060	1,060
25-Jul-2019	The Vanguard Group, Inc.	Buy	87.28	Ordinary	453	453
26-Jul-2019	The Vanguard Group, Inc.	Buy	87.58	Ordinary	954	954
26-Jul-2019	The Vanguard Group, Inc.	Buy	87.58	Ordinary	755	755
26-Jul-2019	The Vanguard Group, Inc.	Buy	87.58	Ordinary	262	262
26-Jul-2019	The Vanguard Group, Inc.	Buy	87.20	Ordinary	49	49
26-Jul-2019	The Vanguard Group, Inc.	Sell	87.20	Ordinary	(737)	(737)
29-Jul-2019	The Vanguard Group, Inc.	Sell	88.03	Ordinary	(4,219)	(4,219)
30-Jul-2019	The Vanguard Group, Inc.	Sell	88.28	Ordinary	(652)	(652)
30-Jul-2019	The Vanguard Group, Inc.	Sell	88.50	Ordinary	(152)	(152)
30-Jul-2019	The Vanguard Group, Inc.	Buy	88.28	Ordinary	198	198
30-Jul-2019	The Vanguard Group, Inc.	Buy	88.36	Ordinary	368	368
30-Jul-2019	The Vanguard Group, Inc.	Buy	88.35	Ordinary	2,503	2,503
30-Jul-2019	The Vanguard Group, Inc.	Buy	88.35	Ordinary	1,566	1,566
31-Jul-2019	The Vanguard Group, Inc.	Buy	88.46	Ordinary	954	954
1-Aug-2019	The Vanguard Group, Inc.	Buy	88.32	Ordinary	1,989	1,989
1-Aug-2019	The Vanguard Group, Inc.	Sell	88.26	Ordinary	(350)	(350)
1-Aug-2019	The Vanguard Group, Inc.	Sell	88.56	Ordinary	(7,265)	(7,265)
2-Aug-2019	The Vanguard Group, Inc.	Buy	88.98	Ordinary	604	604
5-Aug-2019	The Vanguard Group, Inc.	Buy	85.41	Ordinary	1,060	1,060
5-Aug-2019	The Vanguard Group, Inc.	Buy	85.41	Ordinary	755	755
5-Aug-2019	The Vanguard Group, Inc.	Buy	88.87	Ordinary	2,375	2,375
6-Aug-2019	The Vanguard Group, Inc.	Buy	85.07	Ordinary	131	131
6-Aug-2019	The Vanguard Group, Inc.	Buy	85.07	Ordinary	198	198
6-Aug-2019	The Vanguard Group, Inc.	Buy	84.24	Ordinary	759	759
6-Aug-2019	The Vanguard Group, Inc.	Buy	84.24	Ordinary	1,899	1,899
7-Aug-2019	The Vanguard Group, Inc.	Buy	84.65	Ordinary	7,615	7,615
7-Aug-2019	The Vanguard Group, Inc.	Sell	83.60	Ordinary	(34)	(34)
7-Aug-2019	The Vanguard Group, Inc.	Sell	85.03	Ordinary	(22,329)	(22,329)
8-Aug-2019	The Vanguard Group, Inc.	Sell	87.57	Ordinary	(815)	(815)
8-Aug-2019	The Vanguard Group, Inc.	Buy	85.49	Ordinary	7,527	7,527
8-Aug-2019	The Vanguard Group, Inc.	Buy	86.93	Ordinary	308	308
9-Aug-2019	The Vanguard Group, Inc.	Buy	86.70	Ordinary	393	393
12-Aug-2019	The Vanguard Group, Inc.	Buy	86.40	Ordinary	1,696	1,696
12-Aug-2019	The Vanguard Group, Inc.	Buy	86.84	Ordinary	647	647
13-Aug-2019	The Vanguard Group, Inc.	Sell	87.58	Ordinary	(1,141)	(1,141)
13-Aug-2019	The Vanguard Group, Inc.	Buy	87.58	Ordinary	262	262
13-Aug-2019	The Vanguard Group, Inc.	Buy	87.15	Ordinary	170	170
14-Aug-2019	The Vanguard Group, Inc.	Buy	87.36	Ordinary	22,512	22,512
14-Aug-2019	The Vanguard Group, Inc.	Buy	87.58	Ordinary	100	100
14-Aug-2019	The Vanguard Group, Inc.	Sell	87.51	Ordinary	(1,231)	(1,231)
15-Aug-2019	The Vanguard Group, Inc.	Sell	85.11	Ordinary	(978)	(978)
15-Aug-2019	The Vanguard Group, Inc.	Buy	85.18	Ordinary	361	361
16-Aug-2019	The Vanguard Group, Inc.	Buy	84.79	Ordinary	2,255	2,255

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19-Aug-2019	The Vanguard Group, Inc.	Buy	84.83	Ordinary	198	198
19-Aug-2019	The Vanguard Group, Inc.	Sell	84.55	Ordinary	(132)	(132)
19-Aug-2019	The Vanguard Group, Inc.	Buy	84.55	Ordinary	2,060	2,060
20-Aug-2019	The Vanguard Group, Inc.	Buy	85.68	Ordinary	16,065	16,065
20-Aug-2019	The Vanguard Group, Inc.	Buy	85.61	Ordinary	198	198
20-Aug-2019	The Vanguard Group, Inc.	Sell	84.96	Ordinary	(451)	(451)
22-Aug-2019	The Vanguard Group, Inc.	Buy	85.48	Ordinary	2,120	2,120
23-Aug-2019	The Vanguard Group, Inc.	Buy	84.30	Ordinary	198	198
23-Aug-2019	The Vanguard Group, Inc.	Buy	85.76	Ordinary	3,547	3,547
27-Aug-2019	The Vanguard Group, Inc.	Buy	85.23	Ordinary	250	250
27-Aug-2019	The Vanguard Group, Inc.	Sell	85.23	Ordinary	(726)	(726)
29-Aug-2019	The Vanguard Group, Inc.	Buy	85.25	Ordinary	2,638	2,638
2-Sep-2019	The Vanguard Group, Inc.	Buy	86.37	Ordinary	102	102
2-Sep-2019	The Vanguard Group, Inc.	Buy	85.76	Ordinary	1,932	1,932
3-Sep-2019	The Vanguard Group, Inc.	Sell	85.54	Ordinary	(1,281)	(1,281)
3-Sep-2019	The Vanguard Group, Inc.	Buy	85.54	Ordinary	1,281	1,281
6-Sep-2019	The Vanguard Group, Inc.	Sell	85.17	Ordinary	(177)	(177)
6-Sep-2019	The Vanguard Group, Inc.	Buy	85.72	Ordinary	105	105
6-Sep-2019	The Vanguard Group, Inc.	Sell	85.17	Ordinary	(464)	(464)
9-Sep-2019	The Vanguard Group, Inc.	Buy	85.51	Ordinary	1,352	1,352
11-Sep-2019	The Vanguard Group, Inc.	Buy	81.96	Ordinary	1,352	1,352
12-Sep-2019	The Vanguard Group, Inc.	Buy	81.51	Ordinary	1,040	1,040
16-Sep-2019	The Vanguard Group, Inc.	Buy	80.08	Ordinary	483	483
16-Sep-2019	The Vanguard Group, Inc.	Buy	80.08	Ordinary	198	198
16-Sep-2019	The Vanguard Group, Inc.	Buy	79.97	Ordinary	1,045	1,045
18-Sep-2019	The Vanguard Group, Inc.	Buy	81.58	Ordinary	936	936
18-Sep-2019	The Vanguard Group, Inc.	Sell	81.28	Ordinary	(22,646)	(22,646)
20-Sep-2019	The Vanguard Group, Inc.	Sell	81.96	Ordinary	(2,024)	(2,024)
20-Sep-2019	The Vanguard Group, Inc.	Sell	81.96	Ordinary	(17,926)	(17,926)
20-Sep-2019	The Vanguard Group, Inc.	Sell	81.96	Ordinary	(501)	(501)
20-Sep-2019	The Vanguard Group, Inc.	Sell	81.96	Ordinary	(364)	(364)
20-Sep-2019	The Vanguard Group, Inc.	Sell	81.96	Ordinary	(309)	(309)
23-Sep-2019	The Vanguard Group, Inc.	Buy	81.88	Ordinary	1,040	1,040
24-Sep-2019	The Vanguard Group, Inc.	Sell	81.61	Ordinary	(205)	(205)
24-Sep-2019	The Vanguard Group, Inc.	Buy	81.61	Ordinary	2,968	2,968
25-Sep-2019	The Vanguard Group, Inc.	Buy	82.07	Ordinary	1,040	1,040
25-Sep-2019	The Vanguard Group, Inc.	Buy	81.69	Ordinary	2,886	2,886
27-Sep-2019	The Vanguard Group, Inc.	Sell	82.00	Ordinary	(61)	(61)
30-Sep-2019	The Vanguard Group, Inc.	Buy	81.19	Ordinary	262	262
1-Oct-2019	The Vanguard Group, Inc.	Buy	82.10	Ordinary	376	376
2-Oct-2019	The Vanguard Group, Inc.	Buy	79.31	Ordinary	131	131
2-Oct-2019	The Vanguard Group, Inc.	Buy	79.31	Ordinary	198	198
4-Oct-2019	The Vanguard Group, Inc.	Buy	81.08	Ordinary	198	198
4-Oct-2019	The Vanguard Group, Inc.	Buy	80.44	Ordinary	70	70
8-Oct-2019	The Vanguard Group, Inc.	Buy	80.24	Ordinary	198	198
10-Oct-2019	The Vanguard Group, Inc.	Buy	79.63	Ordinary	1,040	1,040
10-Oct-2019	The Vanguard Group, Inc.	Buy	79.63	Ordinary	3,120	3,120
15-Oct-2019	The Vanguard Group, Inc.	Buy	82.43	Ordinary	832	832
15-Oct-2019	The Vanguard Group, Inc.	Sell	80.83	Ordinary	(109)	(109)
16-Oct-2019	The Vanguard Group, Inc.	Buy	82.45	Ordinary	262	262
16-Oct-2019	The Vanguard Group, Inc.	Buy	82.53	Ordinary	80	80
21-Oct-2019	The Vanguard Group, Inc.	Buy	83.17	Ordinary	262	262
21-Oct-2019	The Vanguard Group, Inc.	Buy	82.97	Ordinary	101	101
23-Oct-2019	The Vanguard Group, Inc.	Buy	82.59	Ordinary	1,020	1,020
23-Oct-2019	The Vanguard Group, Inc.	Sell	81.93	Ordinary	(21,447)	(21,447)

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25-Oct-2019	The Vanguard Group, Inc.	Sell	83.41	Ordinary	(2,256)	(2,256)
25-Oct-2019	The Vanguard Group, Inc.	Buy	83.41	Ordinary	262	262
25-Oct-2019	The Vanguard Group, Inc.	Buy	83.41	Ordinary	297	297
25-Oct-2019	The Vanguard Group, Inc.	Buy	83.17	Ordinary	2,331	2,331
25-Oct-2019	The Vanguard Group, Inc.	Sell	83.17	Ordinary	(6)	(6)
25-Oct-2019	The Vanguard Group, Inc.	Buy	83.17	Ordinary	101	101
28-Oct-2019	The Vanguard Group, Inc.	Buy	82.55	Ordinary	6,000	6,000
29-Oct-2019	The Vanguard Group, Inc.	Sell	83.41	Ordinary	(2,814)	(2,814)
31-Oct-2019	The Vanguard Group, Inc.	Sell	82.32	Ordinary	(3,024)	(3,024)
1-Nov-2019	The Vanguard Group, Inc.	Buy	81.69	Ordinary	12	12
4-Nov-2019	The Vanguard Group, Inc.	Buy	81.66	Ordinary	8,643	8,643
4-Nov-2019	The Vanguard Group, Inc.	Buy	81.66	Ordinary	412	412
5-Nov-2019	The Vanguard Group, Inc.	Buy	81.59	Ordinary	2,040	2,040
6-Nov-2019	The Vanguard Group, Inc.	Buy	79.80	Ordinary	980	980
8-Nov-2019	The Vanguard Group, Inc.	Buy	80.72	Ordinary	198	198
8-Nov-2019	The Vanguard Group, Inc.	Buy	80.40	Ordinary	101	101
11-Nov-2019	The Vanguard Group, Inc.	Buy	81.25	Ordinary	1,372	1,372
13-Nov-2019	The Vanguard Group, Inc.	Buy	80.48	Ordinary	38	38
15-Nov-2019	The Vanguard Group, Inc.	Buy	80.37	Ordinary	784	784
15-Nov-2019	The Vanguard Group, Inc.	Buy	80.37	Ordinary	198	198
18-Nov-2019	The Vanguard Group, Inc.	Buy	80.31	Ordinary	1,078	1,078
18-Nov-2019	The Vanguard Group, Inc.	Buy	80.31	Ordinary	393	393
18-Nov-2019	The Vanguard Group, Inc.	Buy	80.21	Ordinary	312	312
19-Nov-2019	The Vanguard Group, Inc.	Buy	81.14	Ordinary	101	101
20-Nov-2019	The Vanguard Group, Inc.	Buy	79.75	Ordinary	245	245
21-Nov-2019	The Vanguard Group, Inc.	Buy	80.04	Ordinary	198	198
21-Nov-2019	The Vanguard Group, Inc.	Buy	79.91	Ordinary	62	62
22-Nov-2019	The Vanguard Group, Inc.	Buy	80.73	Ordinary	1,568	1,568
22-Nov-2019	The Vanguard Group, Inc.	Sell	79.64	Ordinary	(127)	(127)
22-Nov-2019	The Vanguard Group, Inc.	Buy	80.68	Ordinary	208	208
25-Nov-2019	The Vanguard Group, Inc.	Buy	80.66	Ordinary	1,960	1,960
25-Nov-2019	The Vanguard Group, Inc.	Buy	81.21	Ordinary	3,285	3,285
25-Nov-2019	The Vanguard Group, Inc.	Buy	80.33	Ordinary	104	104
26-Nov-2019	The Vanguard Group, Inc.	Sell	80.76	Ordinary	(34)	(34)
26-Nov-2019	The Vanguard Group, Inc.	Buy	80.83	Ordinary	99	99
26-Nov-2019	The Vanguard Group, Inc.	Buy	80.76	Ordinary	930	930
26-Nov-2019	The Vanguard Group, Inc.	Buy	80.76	Ordinary	2,111	2,111
27-Nov-2019	The Vanguard Group, Inc.	Buy	81.83	Ordinary	131	131
27-Nov-2019	The Vanguard Group, Inc.	Buy	81.66	Ordinary	104	104
27-Nov-2019	The Vanguard Group, Inc.	Buy	81.66	Ordinary	374	374
29-Nov-2019	The Vanguard Group, Inc.	Buy	81.77	Ordinary	198	198
29-Nov-2019	The Vanguard Group, Inc.	Buy	81.71	Ordinary	104	104
29-Nov-2019	The Vanguard Group, Inc.	Buy	81.71	Ordinary	101	101
29-Nov-2019	The Vanguard Group, Inc.	Buy	81.71	Ordinary	74	74
2-Dec-2019	The Vanguard Group, Inc.	Buy	81.10	Ordinary	3,178	3,178
3-Dec-2019	The Vanguard Group, Inc.	Buy	78.49	Ordinary	524	524
3-Dec-2019	The Vanguard Group, Inc.	Buy	78.75	Ordinary	202	202
3-Dec-2019	The Vanguard Group, Inc.	Buy	78.75	Ordinary	101	101
4-Dec-2019	The Vanguard Group, Inc.	Buy	78.68	Ordinary	784	784
4-Dec-2019	The Vanguard Group, Inc.	Buy	78.50	Ordinary	49	49
4-Dec-2019	The Vanguard Group, Inc.	Buy	78.50	Ordinary	208	208
4-Dec-2019	The Vanguard Group, Inc.	Buy	78.50	Ordinary	1,666	1,666
5-Dec-2019	The Vanguard Group, Inc.	Buy	78.98	Ordinary	4,505	4,505
6-Dec-2019	The Vanguard Group, Inc.	Buy	79.83	Ordinary	513	513
6-Dec-2019	The Vanguard Group, Inc.	Buy	79.83	Ordinary	3,446	3,446

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Dec-2019	The Vanguard Group, Inc.	Buy	79.64	Ordinary	584	584
10-Dec-2019	The Vanguard Group, Inc.	Buy	79.90	Ordinary	101	101
11-Dec-2019	The Vanguard Group, Inc.	Buy	79.82	Ordinary	1,176	1,176
11-Dec-2019	The Vanguard Group, Inc.	Buy	79.82	Ordinary	198	198
11-Dec-2019	The Vanguard Group, Inc.	Buy	79.82	Ordinary	198	198
11-Dec-2019	The Vanguard Group, Inc.	Buy	79.99	Ordinary	61	61
12-Dec-2019	The Vanguard Group, Inc.	Buy	79.66	Ordinary	1,470	1,470
12-Dec-2019	The Vanguard Group, Inc.	Buy	79.66	Ordinary	489	489
13-Dec-2019	The Vanguard Group, Inc.	Buy	79.95	Ordinary	262	262
16-Dec-2019	The Vanguard Group, Inc.	Buy	82.41	Ordinary	198	198
16-Dec-2019	The Vanguard Group, Inc.	Buy	82.20	Ordinary	522	522
17-Dec-2019	The Vanguard Group, Inc.	Buy	82.33	Ordinary	1,960	1,960
17-Dec-2019	The Vanguard Group, Inc.	Buy	82.33	Ordinary	1,078	1,078
18-Dec-2019	The Vanguard Group, Inc.	Sell	82.18	Ordinary	(12,233)	(12,233)
20-Dec-2019	The Vanguard Group, Inc.	Sell	81.53	Ordinary	(6,680)	(6,680)
20-Dec-2019	The Vanguard Group, Inc.	Buy	81.53	Ordinary	2,158	2,158
20-Dec-2019	The Vanguard Group, Inc.	Sell	81.53	Ordinary	(326)	(326)
20-Dec-2019	The Vanguard Group, Inc.	Buy	81.53	Ordinary	3,205	3,205
23-Dec-2019	The Vanguard Group, Inc.	Buy	81.31	Ordinary	3,178	3,178
23-Dec-2019	The Vanguard Group, Inc.	Buy	81.31	Ordinary	681	681
23-Dec-2019	The Vanguard Group, Inc.	Buy	81.31	Ordinary	384	384
24-Dec-2019	The Vanguard Group, Inc.	Buy	80.97	Ordinary	1,362	1,362
24-Dec-2019	The Vanguard Group, Inc.	Buy	81.06	Ordinary	208	208
26-Dec-2019	The Vanguard Group, Inc.	Buy	81.19	Ordinary	3,405	3,405
27-Dec-2019	The Vanguard Group, Inc.	Buy	81.00	Ordinary	198	198
30-Dec-2019	The Vanguard Group, Inc.	Buy	80.45	Ordinary	980	980
30-Dec-2019	The Vanguard Group, Inc.	Sell	80.52	Ordinary	(3,224)	(3,224)
30-Dec-2019	The Vanguard Group, Inc.	Buy	80.79	Ordinary	104	104
30-Dec-2019	The Vanguard Group, Inc.	Buy	80.79	Ordinary	451	451
31-Dec-2019	The Vanguard Group, Inc.	Buy	78.46	Ordinary	5,732	5,732
31-Dec-2019	The Vanguard Group, Inc.	Buy	78.41	Ordinary	101	101
31-Dec-2019	The Vanguard Group, Inc.	Buy	78.41	Ordinary	101	101
2-Jan-2020	The Vanguard Group, Inc.	Buy	79.43	Ordinary	198	198
2-Jan-2020	The Vanguard Group, Inc.	Buy	79.09	Ordinary	104	104
3-Jan-2020	The Vanguard Group, Inc.	Buy	79.86	Ordinary	198	198
6-Jan-2020	The Vanguard Group, Inc.	Buy	79.89	Ordinary	144	144
6-Jan-2020	The Vanguard Group, Inc.	Buy	80.18	Ordinary	130	130
6-Jan-2020	The Vanguard Group, Inc.	Buy	80.18	Ordinary	594	594
6-Jan-2020	The Vanguard Group, Inc.	Buy	79.00	Ordinary	282	282
8-Jan-2020	The Vanguard Group, Inc.	Buy	81.04	Ordinary	2,940	2,940
8-Jan-2020	The Vanguard Group, Inc.	Buy	80.60	Ordinary	101	101
8-Jan-2020	The Vanguard Group, Inc.	Buy	80.60	Ordinary	3,098	3,098
9-Jan-2020	The Vanguard Group, Inc.	Buy	81.36	Ordinary	882	882
9-Jan-2020	The Vanguard Group, Inc.	Buy	81.36	Ordinary	4,086	4,086
9-Jan-2020	The Vanguard Group, Inc.	Sell	81.05	Ordinary	(1,810)	(1,810)
9-Jan-2020	The Vanguard Group, Inc.	Buy	81.05	Ordinary	416	416
10-Jan-2020	The Vanguard Group, Inc.	Sell	81.94	Ordinary	(181)	(181)
10-Jan-2020	The Vanguard Group, Inc.	Buy	81.72	Ordinary	260	260
10-Jan-2020	The Vanguard Group, Inc.	Buy	82.17	Ordinary	208	208
10-Jan-2020	The Vanguard Group, Inc.	Buy	82.17	Ordinary	101	101
13-Jan-2020	The Vanguard Group, Inc.	Buy	82.02	Ordinary	374	374
13-Jan-2020	The Vanguard Group, Inc.	Buy	82.02	Ordinary	101	101
14-Jan-2020	The Vanguard Group, Inc.	Buy	81.99	Ordinary	260	260
14-Jan-2020	The Vanguard Group, Inc.	Sell	82.14	Ordinary	(4,888)	(4,888)
15-Jan-2020	The Vanguard Group, Inc.	Buy	82.57	Ordinary	1,816	1,816

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15-Jan-2020	The Vanguard Group, Inc.	Buy	82.54	Ordinary	101	101
16-Jan-2020	The Vanguard Group, Inc.	Buy	84.79	Ordinary	2,043	2,043
16-Jan-2020	The Vanguard Group, Inc.	Buy	84.34	Ordinary	104	104
17-Jan-2020	The Vanguard Group, Inc.	Buy	84.46	Ordinary	2,043	2,043
17-Jan-2020	The Vanguard Group, Inc.	Buy	84.46	Ordinary	1,816	1,816
17-Jan-2020	The Vanguard Group, Inc.	Buy	84.46	Ordinary	99	99
17-Jan-2020	The Vanguard Group, Inc.	Buy	84.14	Ordinary	261	261
21-Jan-2020	The Vanguard Group, Inc.	Buy	84.02	Ordinary	2,445	2,445
21-Jan-2020	The Vanguard Group, Inc.	Buy	84.02	Ordinary	297	297
22-Jan-2020	The Vanguard Group, Inc.	Buy	85.28	Ordinary	1,362	1,362
22-Jan-2020	The Vanguard Group, Inc.	Buy	85.58	Ordinary	374	374
23-Jan-2020	The Vanguard Group, Inc.	Buy	85.57	Ordinary	980	980
23-Jan-2020	The Vanguard Group, Inc.	Buy	85.57	Ordinary	1,135	1,135
23-Jan-2020	The Vanguard Group, Inc.	Buy	85.57	Ordinary	390	390
23-Jan-2020	The Vanguard Group, Inc.	Buy	85.23	Ordinary	208	208
23-Jan-2020	The Vanguard Group, Inc.	Buy	85.23	Ordinary	104	104
24-Jan-2020	The Vanguard Group, Inc.	Buy	85.60	Ordinary	6,882	6,882
24-Jan-2020	The Vanguard Group, Inc.	Buy	85.45	Ordinary	214	214
28-Jan-2020	The Vanguard Group, Inc.	Buy	83.89	Ordinary	8,151	8,151
28-Jan-2020	The Vanguard Group, Inc.	Buy	83.89	Ordinary	7,236	7,236
28-Jan-2020	The Vanguard Group, Inc.	Buy	83.88	Ordinary	101	101
29-Jan-2020	The Vanguard Group, Inc.	Buy	85.34	Ordinary	208	208
30-Jan-2020	The Vanguard Group, Inc.	Buy	85.33	Ordinary	130	130
30-Jan-2020	The Vanguard Group, Inc.	Buy	84.74	Ordinary	104	104
30-Jan-2020	The Vanguard Group, Inc.	Buy	84.74	Ordinary	104	104
31-Jan-2020	The Vanguard Group, Inc.	Buy	84.52	Ordinary	1,362	1,362
31-Jan-2020	The Vanguard Group, Inc.	Buy	84.52	Ordinary	1,362	1,362
31-Jan-2020	The Vanguard Group, Inc.	Buy	84.52	Ordinary	198	198
31-Jan-2020	The Vanguard Group, Inc.	Buy	85.67	Ordinary	521	521
31-Jan-2020	The Vanguard Group, Inc.	Buy	85.67	Ordinary	3,704	3,704
3-Feb-2020	The Vanguard Group, Inc.	Buy	84.52	Ordinary	3,360	3,360
3-Feb-2020	The Vanguard Group, Inc.	Buy	84.56	Ordinary	1,122	1,122
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.13	Ordinary	12,500	12,500
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.54	Ordinary	1,728	1,728
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.54	Ordinary	696	696
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.54	Ordinary	2,784	2,784
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.09	Ordinary	49	49
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.09	Ordinary	312	312
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.09	Ordinary	425	425
4-Feb-2020	The Vanguard Group, Inc.	Buy	85.09	Ordinary	101	101
5-Feb-2020	The Vanguard Group, Inc.	Buy	86.43	Ordinary	2,400	2,400
5-Feb-2020	The Vanguard Group, Inc.	Buy	86.43	Ordinary	4,332	4,332
5-Feb-2020	The Vanguard Group, Inc.	Buy	86.43	Ordinary	1,596	1,596
6-Feb-2020	The Vanguard Group, Inc.	Buy	86.77	Ordinary	390	390
7-Feb-2020	The Vanguard Group, Inc.	Buy	85.46	Ordinary	768	768
7-Feb-2020	The Vanguard Group, Inc.	Buy	85.47	Ordinary	710	710
10-Feb-2020	The Vanguard Group, Inc.	Buy	86.48	Ordinary	2,106	2,106
10-Feb-2020	The Vanguard Group, Inc.	Buy	86.48	Ordinary	198	198
10-Feb-2020	The Vanguard Group, Inc.	Buy	85.93	Ordinary	208	208
10-Feb-2020	The Vanguard Group, Inc.	Buy	85.93	Ordinary	374	374
11-Feb-2020	The Vanguard Group, Inc.	Buy	85.94	Ordinary	1,404	1,404
11-Feb-2020	The Vanguard Group, Inc.	Buy	85.99	Ordinary	777	777
11-Feb-2020	The Vanguard Group, Inc.	Buy	85.99	Ordinary	101	101
11-Feb-2020	The Vanguard Group, Inc.	Buy	85.99	Ordinary	101	101
12-Feb-2020	The Vanguard Group, Inc.	Buy	86.13	Ordinary	4,570	4,570

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12-Feb-2020	The Vanguard Group, Inc.	Buy	86.65	Ordinary	3,340	3,340
13-Feb-2020	The Vanguard Group, Inc.	Buy	83.70	Ordinary	3,042	3,042
13-Feb-2020	The Vanguard Group, Inc.	Sell	87.03	Ordinary	(135)	(135)
13-Feb-2020	The Vanguard Group, Inc.	Buy	83.70	Ordinary	260	260
13-Feb-2020	The Vanguard Group, Inc.	Buy	83.70	Ordinary	104	104
13-Feb-2020	The Vanguard Group, Inc.	Buy	83.70	Ordinary	104	104
13-Feb-2020	The Vanguard Group, Inc.	Buy	83.70	Ordinary	101	101
14-Feb-2020	The Vanguard Group, Inc.	Buy	82.14	Ordinary	1,404	1,404
14-Feb-2020	The Vanguard Group, Inc.	Buy	82.14	Ordinary	297	297
14-Feb-2020	The Vanguard Group, Inc.	Sell	82.25	Ordinary	(4,060)	(4,060)
18-Feb-2020	The Vanguard Group, Inc.	Buy	82.35	Ordinary	587	587
19-Feb-2020	The Vanguard Group, Inc.	Buy	82.56	Ordinary	7,926	7,926
19-Feb-2020	The Vanguard Group, Inc.	Buy	82.79	Ordinary	1,170	1,170
19-Feb-2020	The Vanguard Group, Inc.	Sell	81.70	Ordinary	(19,756)	(19,756)
20-Feb-2020	The Vanguard Group, Inc.	Buy	81.47	Ordinary	2,625	2,625
21-Feb-2020	The Vanguard Group, Inc.	Buy	81.10	Ordinary	10,622	10,622
21-Feb-2020	The Vanguard Group, Inc.	Buy	80.96	Ordinary	1,872	1,872
21-Feb-2020	The Vanguard Group, Inc.	Buy	81.35	Ordinary	258	258
24-Feb-2020	The Vanguard Group, Inc.	Sell	78.09	Ordinary	(950)	(950)
24-Feb-2020	The Vanguard Group, Inc.	Buy	78.09	Ordinary	198	198
25-Feb-2020	The Vanguard Group, Inc.	Sell	77.87	Ordinary	(605)	(605)
25-Feb-2020	The Vanguard Group, Inc.	Sell	76.18	Ordinary	(380)	(380)
25-Feb-2020	The Vanguard Group, Inc.	Buy	78.20	Ordinary	12,486	12,486
25-Feb-2020	The Vanguard Group, Inc.	Buy	76.18	Ordinary	1,404	1,404
25-Feb-2020	The Vanguard Group, Inc.	Buy	76.18	Ordinary	130	130
25-Feb-2020	The Vanguard Group, Inc.	Sell	78.20	Ordinary	(4,053)	(4,053)
26-Feb-2020	The Vanguard Group, Inc.	Buy	77.50	Ordinary	7,623	7,623
26-Feb-2020	The Vanguard Group, Inc.	Buy	77.05	Ordinary	390	390
26-Feb-2020	The Vanguard Group, Inc.	Buy	77.05	Ordinary	260	260
26-Feb-2020	The Vanguard Group, Inc.	Buy	77.50	Ordinary	434	434
27-Feb-2020	The Vanguard Group, Inc.	Buy	74.77	Ordinary	1,805	1,805
28-Feb-2020	The Vanguard Group, Inc.	Buy	75.35	Ordinary	8,954	8,954
28-Feb-2020	The Vanguard Group, Inc.	Buy	74.14	Ordinary	10,184	10,184
28-Feb-2020	The Vanguard Group, Inc.	Buy	74.07	Ordinary	3,189	3,189
2-Mar-2020	The Vanguard Group, Inc.	Sell	76.51	Ordinary	(1,872)	(1,872)
2-Mar-2020	The Vanguard Group, Inc.	Sell	73.00	Ordinary	(161)	(161)
3-Mar-2020	The Vanguard Group, Inc.	Buy	72.96	Ordinary	198	198
3-Mar-2020	The Vanguard Group, Inc.	Buy	74.17	Ordinary	104	104
4-Mar-2020	The Vanguard Group, Inc.	Buy	74.17	Ordinary	2,538	2,538
4-Mar-2020	The Vanguard Group, Inc.	Buy	75.28	Ordinary	396	396
4-Mar-2020	The Vanguard Group, Inc.	Buy	75.28	Ordinary	297	297
4-Mar-2020	The Vanguard Group, Inc.	Buy	74.02	Ordinary	104	104
4-Mar-2020	The Vanguard Group, Inc.	Sell	73.98	Ordinary	(4,718)	(4,718)
4-Mar-2020	The Vanguard Group, Inc.	Buy	74.02	Ordinary	208	208
4-Mar-2020	The Vanguard Group, Inc.	Buy	74.02	Ordinary	104	104
4-Mar-2020	The Vanguard Group, Inc.	Buy	74.02	Ordinary	104	104
5-Mar-2020	The Vanguard Group, Inc.	Sell	74.32	Ordinary	(24,051)	(24,051)
6-Mar-2020	The Vanguard Group, Inc.	Sell	73.92	Ordinary	(1,404)	(1,404)
6-Mar-2020	The Vanguard Group, Inc.	Sell	74.43	Ordinary	(9,059)	(9,059)
6-Mar-2020	The Vanguard Group, Inc.	Buy	74.19	Ordinary	106	106
6-Mar-2020	The Vanguard Group, Inc.	Sell	74.19	Ordinary	(17,089)	(17,089)
9-Mar-2020	The Vanguard Group, Inc.	Buy	70.43	Ordinary	297	297
9-Mar-2020	The Vanguard Group, Inc.	Buy	70.43	Ordinary	99	99
9-Mar-2020	The Vanguard Group, Inc.	Sell	71.70	Ordinary	(4,242)	(4,242)
10-Mar-2020	The Vanguard Group, Inc.	Buy	70.97	Ordinary	17,201	17,201

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10-Mar-2020	The Vanguard Group, Inc.	Sell	73.91	Ordinary	(1,170)	(1,170)
10-Mar-2020	The Vanguard Group, Inc.	Sell	69.74	Ordinary	(203)	(203)
10-Mar-2020	The Vanguard Group, Inc.	Buy	73.02	Ordinary	104	104
10-Mar-2020	The Vanguard Group, Inc.	Sell	73.02	Ordinary	(1,525)	(1,525)
11-Mar-2020	The Vanguard Group, Inc.	Sell	73.20	Ordinary	(309)	(309)
11-Mar-2020	The Vanguard Group, Inc.	Buy	72.70	Ordinary	10,993	10,993
11-Mar-2020	The Vanguard Group, Inc.	Sell	69.98	Ordinary	(702)	(702)
12-Mar-2020	The Vanguard Group, Inc.	Buy	69.53	Ordinary	8,457	8,457
12-Mar-2020	The Vanguard Group, Inc.	Sell	64.94	Ordinary	(2,574)	(2,574)
12-Mar-2020	The Vanguard Group, Inc.	Buy	67.16	Ordinary	208	208
12-Mar-2020	The Vanguard Group, Inc.	Buy	67.16	Ordinary	104	104
12-Mar-2020	The Vanguard Group, Inc.	Buy	67.16	Ordinary	658	658
13-Mar-2020	The Vanguard Group, Inc.	Buy	64.53	Ordinary	10,010	10,010
13-Mar-2020	The Vanguard Group, Inc.	Buy	70.97	Ordinary	14,558	14,558
13-Mar-2020	The Vanguard Group, Inc.	Buy	72.38	Ordinary	495	495
13-Mar-2020	The Vanguard Group, Inc.	Buy	72.38	Ordinary	99	99
13-Mar-2020	The Vanguard Group, Inc.	Buy	70.97	Ordinary	6,148	6,148
13-Mar-2020	The Vanguard Group, Inc.	Buy	70.97	Ordinary	106	106
13-Mar-2020	The Vanguard Group, Inc.	Buy	70.97	Ordinary	74	74
16-Mar-2020	The Vanguard Group, Inc.	Sell	63.27	Ordinary	(570)	(570)
16-Mar-2020	The Vanguard Group, Inc.	Sell	63.27	Ordinary	(696)	(696)
16-Mar-2020	The Vanguard Group, Inc.	Buy	63.27	Ordinary	258	258
16-Mar-2020	The Vanguard Group, Inc.	Buy	63.27	Ordinary	129	129
16-Mar-2020	The Vanguard Group, Inc.	Buy	64.76	Ordinary	145	145
16-Mar-2020	The Vanguard Group, Inc.	Buy	64.76	Ordinary	53	53
16-Mar-2020	The Vanguard Group, Inc.	Buy	64.76	Ordinary	104	104
16-Mar-2020	The Vanguard Group, Inc.	Buy	65.81	Ordinary	208	208
16-Mar-2020	The Vanguard Group, Inc.	Buy	64.76	Ordinary	377	377
17-Mar-2020	The Vanguard Group, Inc.	Sell	74.50	Ordinary	(760)	(760)
17-Mar-2020	The Vanguard Group, Inc.	Buy	68.13	Ordinary	20,622	20,622
17-Mar-2020	The Vanguard Group, Inc.	Buy	74.50	Ordinary	950	950
17-Mar-2020	The Vanguard Group, Inc.	Buy	74.50	Ordinary	855	855
17-Mar-2020	The Vanguard Group, Inc.	Sell	74.50	Ordinary	(1,872)	(1,872)
17-Mar-2020	The Vanguard Group, Inc.	Sell	74.50	Ordinary	(2,340)	(2,340)
17-Mar-2020	The Vanguard Group, Inc.	Buy	74.50	Ordinary	387	387
17-Mar-2020	The Vanguard Group, Inc.	Buy	74.50	Ordinary	258	258
17-Mar-2020	The Vanguard Group, Inc.	Sell	72.93	Ordinary	(156)	(156)
17-Mar-2020	The Vanguard Group, Inc.	Buy	72.93	Ordinary	103	103
17-Mar-2020	The Vanguard Group, Inc.	Buy	72.93	Ordinary	5,618	5,618
18-Mar-2020	The Vanguard Group, Inc.	Buy	70.48	Ordinary	20,060	20,060
18-Mar-2020	The Vanguard Group, Inc.	Buy	71.45	Ordinary	396	396
18-Mar-2020	The Vanguard Group, Inc.	Buy	69.45	Ordinary	104	104
18-Mar-2020	The Vanguard Group, Inc.	Buy	69.45	Ordinary	208	208
19-Mar-2020	The Vanguard Group, Inc.	Buy	71.28	Ordinary	16,004	16,004
19-Mar-2020	The Vanguard Group, Inc.	Buy	71.78	Ordinary	1,805	1,805
19-Mar-2020	The Vanguard Group, Inc.	Buy	71.78	Ordinary	198	198
20-Mar-2020	The Vanguard Group, Inc.	Sell	71.25	Ordinary	(950)	(950)
20-Mar-2020	The Vanguard Group, Inc.	Sell	72.75	Ordinary	(5,987)	(5,987)
20-Mar-2020	The Vanguard Group, Inc.	Buy	72.96	Ordinary	18,217	18,217
20-Mar-2020	The Vanguard Group, Inc.	Buy	71.25	Ordinary	387	387
20-Mar-2020	The Vanguard Group, Inc.	Buy	71.25	Ordinary	198	198
20-Mar-2020	The Vanguard Group, Inc.	Buy	72.14	Ordinary	104	104
20-Mar-2020	The Vanguard Group, Inc.	Buy	72.14	Ordinary	425	425
23-Mar-2020	The Vanguard Group, Inc.	Sell	66.00	Ordinary	(279)	(279)
23-Mar-2020	The Vanguard Group, Inc.	Sell	70.33	Ordinary	(760)	(760)

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23-Mar-2020	The Vanguard Group, Inc.	Sell	66.00	Ordinary	(120)	(120)
23-Mar-2020	The Vanguard Group, Inc.	Buy	69.29	Ordinary	707	707
23-Mar-2020	The Vanguard Group, Inc.	Buy	69.29	Ordinary	104	104
23-Mar-2020	The Vanguard Group, Inc.	Buy	69.29	Ordinary	377	377
24-Mar-2020	The Vanguard Group, Inc.	Sell	70.18	Ordinary	(1,168)	(1,168)
24-Mar-2020	The Vanguard Group, Inc.	Buy	71.08	Ordinary	9,493	9,493
24-Mar-2020	The Vanguard Group, Inc.	Buy	71.08	Ordinary	264	264
24-Mar-2020	The Vanguard Group, Inc.	Buy	71.08	Ordinary	3,840	3,840
24-Mar-2020	The Vanguard Group, Inc.	Buy	70.71	Ordinary	104	104
25-Mar-2020	The Vanguard Group, Inc.	Buy	73.63	Ordinary	10,034	10,034
25-Mar-2020	The Vanguard Group, Inc.	Sell	72.14	Ordinary	(684)	(684)
26-Mar-2020	The Vanguard Group, Inc.	Sell	73.90	Ordinary	(570)	(570)
27-Mar-2020	The Vanguard Group, Inc.	Buy	72.53	Ordinary	1,787	1,787
27-Mar-2020	The Vanguard Group, Inc.	Buy	72.53	Ordinary	208	208
27-Mar-2020	The Vanguard Group, Inc.	Buy	72.53	Ordinary	208	208
27-Mar-2020	The Vanguard Group, Inc.	Buy	72.53	Ordinary	66	66
27-Mar-2020	The Vanguard Group, Inc.	Buy	72.53	Ordinary	7,470	7,470
30-Mar-2020	The Vanguard Group, Inc.	Sell	78.42	Ordinary	(889)	(889)
30-Mar-2020	The Vanguard Group, Inc.	Buy	77.50	Ordinary	373	373
31-Mar-2020	The Vanguard Group, Inc.	Buy	79.15	Ordinary	4,501	4,501
31-Mar-2020	The Vanguard Group, Inc.	Sell	77.09	Ordinary	(3,309)	(3,309)
31-Mar-2020	The Vanguard Group, Inc.	Buy	77.09	Ordinary	104	104
31-Mar-2020	The Vanguard Group, Inc.	Buy	77.09	Ordinary	190	190
31-Mar-2020	The Vanguard Group, Inc.	Buy	77.09	Ordinary	2,378	2,378
1-Apr-2020	The Vanguard Group, Inc.	Sell	79.37	Ordinary	(254)	(254)
1-Apr-2020	The Vanguard Group, Inc.	Sell	79.37	Ordinary	(254)	(254)
1-Apr-2020	The Vanguard Group, Inc.	Buy	80.50	Ordinary	746	746
1-Apr-2020	The Vanguard Group, Inc.	Buy	80.50	Ordinary	267	267
1-Apr-2020	The Vanguard Group, Inc.	Buy	80.50	Ordinary	1,273	1,273
2-Apr-2020	The Vanguard Group, Inc.	Buy	78.19	Ordinary	950	950
2-Apr-2020	The Vanguard Group, Inc.	Buy	78.19	Ordinary	297	297
3-Apr-2020	The Vanguard Group, Inc.	Sell	79.90	Ordinary	(257)	(257)
3-Apr-2020	The Vanguard Group, Inc.	Buy	79.90	Ordinary	643	643
6-Apr-2020	The Vanguard Group, Inc.	Buy	82.37	Ordinary	104	104
7-Apr-2020	The Vanguard Group, Inc.	Buy	77.51	Ordinary	104	104
7-Apr-2020	The Vanguard Group, Inc.	Buy	77.51	Ordinary	1,116	1,116
7-Apr-2020	The Vanguard Group, Inc.	Sell	77.51	Ordinary	(101)	(101)
8-Apr-2020	The Vanguard Group, Inc.	Buy	80.76	Ordinary	1,235	1,235
9-Apr-2020	The Vanguard Group, Inc.	Buy	80.66	Ordinary	297	297
9-Apr-2020	The Vanguard Group, Inc.	Buy	80.66	Ordinary	99	99
9-Apr-2020	The Vanguard Group, Inc.	Buy	79.54	Ordinary	204	204
14-Apr-2020	The Vanguard Group, Inc.	Buy	79.92	Ordinary	297	297
14-Apr-2020	The Vanguard Group, Inc.	Sell	79.29	Ordinary	(996)	(996)
15-Apr-2020	The Vanguard Group, Inc.	Sell	80.12	Ordinary	(896)	(896)
15-Apr-2020	The Vanguard Group, Inc.	Sell	80.12	Ordinary	(2,016)	(2,016)
15-Apr-2020	The Vanguard Group, Inc.	Sell	80.12	Ordinary	(1,792)	(1,792)
15-Apr-2020	The Vanguard Group, Inc.	Buy	78.34	Ordinary	1,973	1,973
15-Apr-2020	The Vanguard Group, Inc.	Buy	80.12	Ordinary	297	297
15-Apr-2020	The Vanguard Group, Inc.	Buy	80.77	Ordinary	101	101
16-Apr-2020	The Vanguard Group, Inc.	Sell	78.02	Ordinary	(7,876)	(7,876)
16-Apr-2020	The Vanguard Group, Inc.	Buy	81.50	Ordinary	372	372
17-Apr-2020	The Vanguard Group, Inc.	Buy	83.10	Ordinary	665	665
17-Apr-2020	The Vanguard Group, Inc.	Buy	83.10	Ordinary	825	825
20-Apr-2020	The Vanguard Group, Inc.	Buy	80.21	Ordinary	1,330	1,330
20-Apr-2020	The Vanguard Group, Inc.	Buy	80.21	Ordinary	760	760

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20-Apr-2020	The Vanguard Group, Inc.	Sell	80.69	Ordinary	(68)	(68)
22-Apr-2020	The Vanguard Group, Inc.	Buy	80.44	Ordinary	4,519	4,519
24-Apr-2020	The Vanguard Group, Inc.	Sell	81.18	Ordinary	(310)	(310)
24-Apr-2020	The Vanguard Group, Inc.	Buy	81.18	Ordinary	174	174
28-Apr-2020	The Vanguard Group, Inc.	Buy	82.95	Ordinary	950	950
30-Apr-2020	The Vanguard Group, Inc.	Sell	80.91	Ordinary	(2,016)	(2,016)
30-Apr-2020	The Vanguard Group, Inc.	Buy	84.00	Ordinary	1,902	1,902
1-May-2020	The Vanguard Group, Inc.	Sell	79.26	Ordinary	(756)	(756)
1-May-2020	The Vanguard Group, Inc.	Sell	79.26	Ordinary	(2,688)	(2,688)
6-May-2020	The Vanguard Group, Inc.	Buy	83.47	Ordinary	833	833
7-May-2020	The Vanguard Group, Inc.	Sell	83.67	Ordinary	(149)	(149)
7-May-2020	The Vanguard Group, Inc.	Buy	80.98	Ordinary	92	92
8-May-2020	The Vanguard Group, Inc.	Sell	82.37	Ordinary	(1,323)	(1,323)
11-May-2020	The Vanguard Group, Inc.	Sell	83.15	Ordinary	(3,268)	(3,268)
12-May-2020	The Vanguard Group, Inc.	Buy	83.42	Ordinary	92	92
13-May-2020	The Vanguard Group, Inc.	Buy	83.51	Ordinary	372	372
13-May-2020	The Vanguard Group, Inc.	Sell	83.51	Ordinary	(665)	(665)
14-May-2020	The Vanguard Group, Inc.	Sell	82.28	Ordinary	(369)	(369)
15-May-2020	The Vanguard Group, Inc.	Sell	82.72	Ordinary	(273)	(273)
15-May-2020	The Vanguard Group, Inc.	Buy	82.38	Ordinary	371	371
15-May-2020	The Vanguard Group, Inc.	Sell	82.72	Ordinary	(4,247)	(4,247)
20-May-2020	The Vanguard Group, Inc.	Sell	82.50	Ordinary	(364)	(364)
21-May-2020	The Vanguard Group, Inc.	Buy	84.45	Ordinary	372	372
22-May-2020	The Vanguard Group, Inc.	Sell	84.79	Ordinary	(619)	(619)
22-May-2020	The Vanguard Group, Inc.	Buy	84.46	Ordinary	297	297
22-May-2020	The Vanguard Group, Inc.	Buy	84.11	Ordinary	1,062	1,062
27-May-2020	The Vanguard Group, Inc.	Buy	86.91	Ordinary	198	198
27-May-2020	The Vanguard Group, Inc.	Buy	86.81	Ordinary	178	178
28-May-2020	The Vanguard Group, Inc.	Buy	88.34	Ordinary	2,268	2,268
29-May-2020	The Vanguard Group, Inc.	Sell	88.42	Ordinary	(948)	(948)
29-May-2020	The Vanguard Group, Inc.	Buy	88.21	Ordinary	1,323	1,323
1-Jun-2020	The Vanguard Group, Inc.	Buy	88.25	Ordinary	945	945
2-Jun-2020	The Vanguard Group, Inc.	Buy	89.02	Ordinary	2,835	2,835
2-Jun-2020	The Vanguard Group, Inc.	Buy	88.19	Ordinary	1,708	1,708
2-Jun-2020	The Vanguard Group, Inc.	Buy	88.44	Ordinary	4,268	4,268
3-Jun-2020	The Vanguard Group, Inc.	Sell	88.62	Ordinary	(6,714)	(6,714)
3-Jun-2020	The Vanguard Group, Inc.	Buy	88.93	Ordinary	297	297
3-Jun-2020	The Vanguard Group, Inc.	Buy	88.57	Ordinary	92	92
4-Jun-2020	The Vanguard Group, Inc.	Buy	88.70	Ordinary	945	945
4-Jun-2020	The Vanguard Group, Inc.	Sell	88.98	Ordinary	(10,084)	(10,084)
5-Jun-2020	The Vanguard Group, Inc.	Sell	87.35	Ordinary	(8,331)	(8,331)
5-Jun-2020	The Vanguard Group, Inc.	Buy	87.60	Ordinary	198	198
9-Jun-2020	The Vanguard Group, Inc.	Sell	87.68	Ordinary	(14,539)	(14,539)
9-Jun-2020	The Vanguard Group, Inc.	Sell	88.26	Ordinary	(2,240)	(2,240)
9-Jun-2020	The Vanguard Group, Inc.	Sell	86.16	Ordinary	(948)	(948)
9-Jun-2020	The Vanguard Group, Inc.	Buy	86.16	Ordinary	198	198
9-Jun-2020	The Vanguard Group, Inc.	Buy	86.46	Ordinary	102	102
9-Jun-2020	The Vanguard Group, Inc.	Buy	86.46	Ordinary	372	372
10-Jun-2020	The Vanguard Group, Inc.	Sell	85.49	Ordinary	(9,899)	(9,899)
10-Jun-2020	The Vanguard Group, Inc.	Sell	86.70	Ordinary	(6,501)	(6,501)
11-Jun-2020	The Vanguard Group, Inc.	Buy	83.99	Ordinary	945	945
11-Jun-2020	The Vanguard Group, Inc.	Sell	85.83	Ordinary	(6,633)	(6,633)
11-Jun-2020	The Vanguard Group, Inc.	Sell	83.99	Ordinary	(896)	(896)
11-Jun-2020	The Vanguard Group, Inc.	Sell	83.99	Ordinary	(2,240)	(2,240)
11-Jun-2020	The Vanguard Group, Inc.	Sell	83.99	Ordinary	(1,344)	(1,344)

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11-Jun-2020	The Vanguard Group, Inc.	Sell	85.89	Ordinary	(5,610)	(5,610)
15-Jun-2020	The Vanguard Group, Inc.	Sell	84.65	Ordinary	(1,344)	(1,344)
15-Jun-2020	The Vanguard Group, Inc.	Buy	82.83	Ordinary	372	372
17-Jun-2020	The Vanguard Group, Inc.	Buy	84.73	Ordinary	2,882	2,882
19-Jun-2020	The Vanguard Group, Inc.	Sell	85.84	Ordinary	(4,081)	(4,081)
19-Jun-2020	The Vanguard Group, Inc.	Sell	85.84	Ordinary	(4,362)	(4,362)
19-Jun-2020	The Vanguard Group, Inc.	Sell	85.40	Ordinary	(1,106)	(1,106)
19-Jun-2020	The Vanguard Group, Inc.	Sell	85.84	Ordinary	(35,550)	(35,550)
19-Jun-2020	The Vanguard Group, Inc.	Buy	85.40	Ordinary	198	198
19-Jun-2020	The Vanguard Group, Inc.	Sell	85.84	Ordinary	(2,220)	(2,220)
19-Jun-2020	The Vanguard Group, Inc.	Buy	85.88	Ordinary	2	2
22-Jun-2020	The Vanguard Group, Inc.	Buy	85.51	Ordinary	168	168
22-Jun-2020	The Vanguard Group, Inc.	Sell	85.49	Ordinary	(387)	(387)
23-Jun-2020	The Vanguard Group, Inc.	Sell	86.73	Ordinary	(1,697)	(1,697)
23-Jun-2020	The Vanguard Group, Inc.	Buy	84.96	Ordinary	237	237
24-Jun-2020	The Vanguard Group, Inc.	Sell	85.09	Ordinary	(14,058)	(14,058)
24-Jun-2020	The Vanguard Group, Inc.	Sell	83.68	Ordinary	(803)	(803)
24-Jun-2020	The Vanguard Group, Inc.	Sell	83.68	Ordinary	(1,344)	(1,344)
24-Jun-2020	The Vanguard Group, Inc.	Sell	83.68	Ordinary	(1,510)	(1,510)
24-Jun-2020	The Vanguard Group, Inc.	Sell	83.68	Ordinary	(453)	(453)
24-Jun-2020	The Vanguard Group, Inc.	Buy	85.01	Ordinary	98	98
25-Jun-2020	The Vanguard Group, Inc.	Sell	84.50	Ordinary	(4,633)	(4,633)
29-Jun-2020	The Vanguard Group, Inc.	Buy	84.55	Ordinary	228	228
29-Jun-2020	The Vanguard Group, Inc.	Buy	84.05	Ordinary	196	196
30-Jun-2020	The Vanguard Group, Inc.	Sell	86.13	Ordinary	(1,120)	(1,120)
30-Jun-2020	The Vanguard Group, Inc.	Buy	85.38	Ordinary	1,814	1,814
30-Jun-2020	The Vanguard Group, Inc.	Buy	85.38	Ordinary	4,530	4,530
1-Jul-2020	The Vanguard Group, Inc.	Buy	86.19	Ordinary	98	98
2-Jul-2020	The Vanguard Group, Inc.	Buy	87.16	Ordinary	84	84
6-Jul-2020	The Vanguard Group, Inc.	Buy	87.49	Ordinary	730	730
6-Jul-2020	The Vanguard Group, Inc.	Buy	87.49	Ordinary	456	456
6-Jul-2020	The Vanguard Group, Inc.	Buy	87.39	Ordinary	168	168
7-Jul-2020	The Vanguard Group, Inc.	Sell	86.83	Ordinary	(8,224)	(8,224)
7-Jul-2020	The Vanguard Group, Inc.	Buy	87.55	Ordinary	141	141
7-Jul-2020	The Vanguard Group, Inc.	Buy	86.45	Ordinary	69	69
8-Jul-2020	The Vanguard Group, Inc.	Sell	85.73	Ordinary	(131)	(131)
8-Jul-2020	The Vanguard Group, Inc.	Buy	85.33	Ordinary	84	84
9-Jul-2020	The Vanguard Group, Inc.	Buy	85.84	Ordinary	3,320	3,320
10-Jul-2020	The Vanguard Group, Inc.	Buy	84.60	Ordinary	53	53
10-Jul-2020	The Vanguard Group, Inc.	Buy	84.80	Ordinary	72	72
14-Jul-2020	The Vanguard Group, Inc.	Sell	83.88	Ordinary	(9,310)	(9,310)
14-Jul-2020	The Vanguard Group, Inc.	Sell	83.88	Ordinary	(2,455)	(2,455)
15-Jul-2020	The Vanguard Group, Inc.	Sell	84.74	Ordinary	(2,268)	(2,268)
15-Jul-2020	The Vanguard Group, Inc.	Sell	84.74	Ordinary	(756)	(756)
16-Jul-2020	The Vanguard Group, Inc.	Sell	85.11	Ordinary	(6,846)	(6,846)
17-Jul-2020	The Vanguard Group, Inc.	Sell	84.28	Ordinary	(2,327)	(2,327)
17-Jul-2020	The Vanguard Group, Inc.	Buy	84.28	Ordinary	2,327	2,327
21-Jul-2020	The Vanguard Group, Inc.	Buy	84.57	Ordinary	1,704	1,704
23-Jul-2020	The Vanguard Group, Inc.	Sell	83.88	Ordinary	(7,619)	(7,619)
24-Jul-2020	The Vanguard Group, Inc.	Sell	83.20	Ordinary	(6,630)	(6,630)
29-Jul-2020	The Vanguard Group, Inc.	Sell	83.30	Ordinary	(1,258)	(1,258)
29-Jul-2020	The Vanguard Group, Inc.	Buy	83.29	Ordinary	2,054	2,054
30-Jul-2020	The Vanguard Group, Inc.	Buy	84.63	Ordinary	152	152
30-Jul-2020	The Vanguard Group, Inc.	Buy	84.51	Ordinary	198	198
30-Jul-2020	The Vanguard Group, Inc.	Buy	84.51	Ordinary	63	63

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31-Jul-2020	The Vanguard Group, Inc.	Sell	83.65	Ordinary	(6,784)	(6,784)
31-Jul-2020	The Vanguard Group, Inc.	Buy	84.03	Ordinary	3,828	3,828
31-Jul-2020	The Vanguard Group, Inc.	Buy	82.65	Ordinary	77	77
31-Jul-2020	The Vanguard Group, Inc.	Buy	82.65	Ordinary	189	189
3-Aug-2020	The Vanguard Group, Inc.	Buy	83.48	Ordinary	1,116	1,116
4-Aug-2020	The Vanguard Group, Inc.	Buy	85.13	Ordinary	228	228
4-Aug-2020	The Vanguard Group, Inc.	Buy	84.87	Ordinary	76	76
5-Aug-2020	The Vanguard Group, Inc.	Sell	84.79	Ordinary	(167)	(167)
6-Aug-2020	The Vanguard Group, Inc.	Buy	83.80	Ordinary	152	152
11-Aug-2020	The Vanguard Group, Inc.	Buy	84.31	Ordinary	2,065	2,065
12-Aug-2020	The Vanguard Group, Inc.	Buy	84.33	Ordinary	79	79
13-Aug-2020	The Vanguard Group, Inc.	Sell	84.49	Ordinary	(756)	(756)
13-Aug-2020	The Vanguard Group, Inc.	Sell	84.49	Ordinary	(755)	(755)
13-Aug-2020	The Vanguard Group, Inc.	Buy	84.66	Ordinary	83	83
13-Aug-2020	The Vanguard Group, Inc.	Buy	84.66	Ordinary	198	198
17-Aug-2020	The Vanguard Group, Inc.	Buy	84.81	Ordinary	2,016	2,016
17-Aug-2020	The Vanguard Group, Inc.	Buy	84.81	Ordinary	2,688	2,688
17-Aug-2020	The Vanguard Group, Inc.	Buy	84.81	Ordinary	1,460	1,460
17-Aug-2020	The Vanguard Group, Inc.	Buy	84.81	Ordinary	152	152
18-Aug-2020	The Vanguard Group, Inc.	Sell	86.17	Ordinary	(7,741)	(7,741)
18-Aug-2020	The Vanguard Group, Inc.	Buy	86.17	Ordinary	876	876
18-Aug-2020	The Vanguard Group, Inc.	Buy	86.17	Ordinary	7,741	7,741
18-Aug-2020	The Vanguard Group, Inc.	Buy	86.09	Ordinary	1,785	1,785
19-Aug-2020	The Vanguard Group, Inc.	Buy	86.67	Ordinary	3,282	3,282
19-Aug-2020	The Vanguard Group, Inc.	Sell	86.40	Ordinary	(131)	(131)
20-Aug-2020	The Vanguard Group, Inc.	Buy	90.33	Ordinary	201	201
20-Aug-2020	The Vanguard Group, Inc.	Buy	90.33	Ordinary	511	511
20-Aug-2020	The Vanguard Group, Inc.	Buy	90.33	Ordinary	152	152
21-Aug-2020	The Vanguard Group, Inc.	Sell	88.18	Ordinary	(422)	(422)
21-Aug-2020	The Vanguard Group, Inc.	Buy	88.18	Ordinary	83	83
26-Aug-2020	The Vanguard Group, Inc.	Buy	88.71	Ordinary	26,848	26,848
27-Aug-2020	The Vanguard Group, Inc.	Buy	89.99	Ordinary	1,120	1,120
27-Aug-2020	The Vanguard Group, Inc.	Buy	89.99	Ordinary	1,533	1,533
27-Aug-2020	The Vanguard Group, Inc.	Buy	89.33	Ordinary	831	831
28-Aug-2020	The Vanguard Group, Inc.	Buy	88.93	Ordinary	83	83
1-Sep-2020	The Vanguard Group, Inc.	Sell	87.35	Ordinary	(77,396)	(77,396)
1-Sep-2020	The Vanguard Group, Inc.	Buy	87.35	Ordinary	77,396	77,396
2-Sep-2020	The Vanguard Group, Inc.	Buy	89.92	Ordinary	730	730
2-Sep-2020	The Vanguard Group, Inc.	Buy	89.92	Ordinary	228	228
2-Sep-2020	The Vanguard Group, Inc.	Buy	89.66	Ordinary	1,309	1,309
3-Sep-2020	The Vanguard Group, Inc.	Buy	89.11	Ordinary	730	730
3-Sep-2020	The Vanguard Group, Inc.	Buy	90.72	Ordinary	597	597
3-Sep-2020	The Vanguard Group, Inc.	Buy	90.51	Ordinary	86	86
3-Sep-2020	The Vanguard Group, Inc.	Buy	90.51	Ordinary	250	250
4-Sep-2020	The Vanguard Group, Inc.	Sell	85.90	Ordinary	(1,293)	(1,293)
4-Sep-2020	The Vanguard Group, Inc.	Buy	85.99	Ordinary	730	730
4-Sep-2020	The Vanguard Group, Inc.	Buy	87.77	Ordinary	2,420	2,420
4-Sep-2020	The Vanguard Group, Inc.	Buy	87.77	Ordinary	35	35
8-Sep-2020	The Vanguard Group, Inc.	Buy	84.00	Ordinary	63	63
9-Sep-2020	The Vanguard Group, Inc.	Buy	82.47	Ordinary	79	79
10-Sep-2020	The Vanguard Group, Inc.	Sell	83.30	Ordinary	(2,027)	(2,027)
11-Sep-2020	The Vanguard Group, Inc.	Buy	82.57	Ordinary	1,095	1,095
11-Sep-2020	The Vanguard Group, Inc.	Buy	82.47	Ordinary	27	27
11-Sep-2020	The Vanguard Group, Inc.	Buy	82.47	Ordinary	313	313
11-Sep-2020	The Vanguard Group, Inc.	Buy	82.76	Ordinary	316	316

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
14-Sep-2020	The Vanguard Group, Inc.	Sell	82.59	Ordinary	(2,550)	(2,550)
14-Sep-2020	The Vanguard Group, Inc.	Buy	82.59	Ordinary	494	494
15-Sep-2020	The Vanguard Group, Inc.	Sell	81.95	Ordinary	(2,523)	(2,523)
15-Sep-2020	The Vanguard Group, Inc.	Sell	82.61	Ordinary	(59)	(59)
16-Sep-2020	The Vanguard Group, Inc.	Buy	82.28	Ordinary	152	152
17-Sep-2020	The Vanguard Group, Inc.	Sell	81.75	Ordinary	(5,401)	(5,401)
17-Sep-2020	The Vanguard Group, Inc.	Buy	81.75	Ordinary	86	86
17-Sep-2020	The Vanguard Group, Inc.	Buy	81.75	Ordinary	63	63
18-Sep-2020	The Vanguard Group, Inc.	Sell	80.88	Ordinary	(942)	(942)
18-Sep-2020	The Vanguard Group, Inc.	Sell	80.90	Ordinary	(3,470)	(3,470)
18-Sep-2020	The Vanguard Group, Inc.	Sell	80.90	Ordinary	(121)	(121)
18-Sep-2020	The Vanguard Group, Inc.	Buy	80.88	Ordinary	474	474
21-Sep-2020	The Vanguard Group, Inc.	Sell	80.89	Ordinary	(1,679)	(1,679)
21-Sep-2020	The Vanguard Group, Inc.	Buy	80.93	Ordinary	424	424
23-Sep-2020	The Vanguard Group, Inc.	Buy	84.34	Ordinary	88	88
24-Sep-2020	The Vanguard Group, Inc.	Sell	84.19	Ordinary	(4,401)	(4,401)
25-Sep-2020	The Vanguard Group, Inc.	Buy	85.00	Ordinary	228	228
25-Sep-2020	The Vanguard Group, Inc.	Buy	84.74	Ordinary	42	42
29-Sep-2020	The Vanguard Group, Inc.	Buy	83.86	Ordinary	22,404	22,404
29-Sep-2020	The Vanguard Group, Inc.	Sell	84.02	Ordinary	(1,806)	(1,806)
29-Sep-2020	The Vanguard Group, Inc.	Sell	83.83	Ordinary	(79,281)	(79,281)
29-Sep-2020	The Vanguard Group, Inc.	Buy	83.83	Ordinary	79,281	79,281
30-Sep-2020	The Vanguard Group, Inc.	Buy	82.59	Ordinary	6,265	6,265
30-Sep-2020	The Vanguard Group, Inc.	Sell	81.02	Ordinary	(94)	(94)
30-Sep-2020	The Vanguard Group, Inc.	Buy	82.59	Ordinary	1,184	1,184
30-Sep-2020	The Vanguard Group, Inc.	Buy	81.02	Ordinary	92	92
2-Oct-2020	The Vanguard Group, Inc.	Buy	80.70	Ordinary	1,344	1,344
2-Oct-2020	The Vanguard Group, Inc.	Buy	80.42	Ordinary	56	56
5-Oct-2020	The Vanguard Group, Inc.	Buy	81.76	Ordinary	152	152
5-Oct-2020	The Vanguard Group, Inc.	Buy	81.35	Ordinary	736	736
6-Oct-2020	The Vanguard Group, Inc.	Buy	79.78	Ordinary	228	228
6-Oct-2020	The Vanguard Group, Inc.	Buy	80.39	Ordinary	95	95
7-Oct-2020	The Vanguard Group, Inc.	Buy	81.48	Ordinary	283	283
9-Oct-2020	The Vanguard Group, Inc.	Buy	82.53	Ordinary	2,912	2,912
9-Oct-2020	The Vanguard Group, Inc.	Buy	82.53	Ordinary	1,120	1,120
9-Oct-2020	The Vanguard Group, Inc.	Buy	82.53	Ordinary	710	710
9-Oct-2020	The Vanguard Group, Inc.	Buy	82.53	Ordinary	2,190	2,190
9-Oct-2020	The Vanguard Group, Inc.	Buy	82.53	Ordinary	152	152
9-Oct-2020	The Vanguard Group, Inc.	Buy	82.53	Ordinary	228	228
12-Oct-2020	The Vanguard Group, Inc.	Buy	82.31	Ordinary	3,738	3,738
13-Oct-2020	The Vanguard Group, Inc.	Buy	82.98	Ordinary	62	62
13-Oct-2020	The Vanguard Group, Inc.	Buy	83.13	Ordinary	95	95
13-Oct-2020	The Vanguard Group, Inc.	Sell	83.13	Ordinary	(2,290)	(2,290)
14-Oct-2020	The Vanguard Group, Inc.	Sell	82.72	Ordinary	(237)	(237)
19-Oct-2020	The Vanguard Group, Inc.	Buy	83.97	Ordinary	190	190
21-Oct-2020	The Vanguard Group, Inc.	Buy	81.99	Ordinary	30	30
21-Oct-2020	The Vanguard Group, Inc.	Buy	81.99	Ordinary	576	576
22-Oct-2020	The Vanguard Group, Inc.	Buy	82.11	Ordinary	95	95
23-Oct-2020	The Vanguard Group, Inc.	Sell	81.32	Ordinary	(272)	(272)
27-Oct-2020	The Vanguard Group, Inc.	Buy	80.53	Ordinary	734	734
28-Oct-2020	The Vanguard Group, Inc.	Sell	80.37	Ordinary	(58)	(58)
30-Oct-2020	The Vanguard Group, Inc.	Buy	79.66	Ordinary	76	76
30-Oct-2020	The Vanguard Group, Inc.	Buy	79.63	Ordinary	1,140	1,140
2-Nov-2020	The Vanguard Group, Inc.	Buy	80.51	Ordinary	152	152
2-Nov-2020	The Vanguard Group, Inc.	Buy	79.52	Ordinary	38	38

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
2-Nov-2020	The Vanguard Group, Inc.	Buy	80.15	Ordinary	1,140	1,140
2-Nov-2020	The Vanguard Group, Inc.	Buy	80.15	Ordinary	97	97
3-Nov-2020	The Vanguard Group, Inc.	Buy	81.10	Ordinary	456	456
4-Nov-2020	The Vanguard Group, Inc.	Buy	80.65	Ordinary	152	152
5-Nov-2020	The Vanguard Group, Inc.	Buy	81.61	Ordinary	2,719	2,719
5-Nov-2020	The Vanguard Group, Inc.	Buy	81.61	Ordinary	418	418
6-Nov-2020	The Vanguard Group, Inc.	Buy	81.56	Ordinary	95	95
9-Nov-2020	The Vanguard Group, Inc.	Buy	82.93	Ordinary	466	466
10-Nov-2020	The Vanguard Group, Inc.	Sell	82.42	Ordinary	(17,223)	(17,223)
10-Nov-2020	The Vanguard Group, Inc.	Sell	81.17	Ordinary	(665)	(665)
10-Nov-2020	The Vanguard Group, Inc.	Sell	82.42	Ordinary	(4,379)	(4,379)
11-Nov-2020	The Vanguard Group, Inc.	Sell	81.10	Ordinary	(33)	(33)
12-Nov-2020	The Vanguard Group, Inc.	Buy	82.41	Ordinary	97	97
13-Nov-2020	The Vanguard Group, Inc.	Buy	81.85	Ordinary	1,515	1,515
16-Nov-2020	The Vanguard Group, Inc.	Buy	82.61	Ordinary	696	696
17-Nov-2020	The Vanguard Group, Inc.	Buy	81.19	Ordinary	570	570
17-Nov-2020	The Vanguard Group, Inc.	Buy	82.98	Ordinary	3,054	3,054
19-Nov-2020	The Vanguard Group, Inc.	Buy	81.84	Ordinary	65	65
20-Nov-2020	The Vanguard Group, Inc.	Buy	80.00	Ordinary	6,351	6,351
20-Nov-2020	The Vanguard Group, Inc.	Buy	80.00	Ordinary	317	317
24-Nov-2020	The Vanguard Group, Inc.	Buy	77.28	Ordinary	98	98
25-Nov-2020	The Vanguard Group, Inc.	Buy	77.73	Ordinary	121	121
25-Nov-2020	The Vanguard Group, Inc.	Buy	77.31	Ordinary	95	95
25-Nov-2020	The Vanguard Group, Inc.	Buy	77.31	Ordinary	335	335
26-Nov-2020	The Vanguard Group, Inc.	Buy	77.46	Ordinary	736	736
27-Nov-2020	The Vanguard Group, Inc.	Sell	77.24	Ordinary	(15,284)	(15,284)
30-Nov-2020	The Vanguard Group, Inc.	Buy	77.11	Ordinary	98	98
30-Nov-2020	The Vanguard Group, Inc.	Sell	77.08	Ordinary	(1,578)	(1,578)
1-Dec-2020	The Vanguard Group, Inc.	Buy	77.20	Ordinary	350	350
1-Dec-2020	The Vanguard Group, Inc.	Buy	77.20	Ordinary	95	95
1-Dec-2020	The Vanguard Group, Inc.	Buy	77.20	Ordinary	190	190
2-Dec-2020	The Vanguard Group, Inc.	Buy	77.52	Ordinary	1,552	1,552
2-Dec-2020	The Vanguard Group, Inc.	Buy	77.52	Ordinary	353	353
3-Dec-2020	The Vanguard Group, Inc.	Buy	78.03	Ordinary	1,510	1,510
4-Dec-2020	The Vanguard Group, Inc.	Buy	77.64	Ordinary	98	98
7-Dec-2020	The Vanguard Group, Inc.	Buy	77.63	Ordinary	368	368
8-Dec-2020	The Vanguard Group, Inc.	Buy	77.39	Ordinary	1,701	1,701
8-Dec-2020	The Vanguard Group, Inc.	Buy	77.39	Ordinary	261	261
9-Dec-2020	The Vanguard Group, Inc.	Buy	77.27	Ordinary	567	567
10-Dec-2020	The Vanguard Group, Inc.	Buy	76.86	Ordinary	348	348
10-Dec-2020	The Vanguard Group, Inc.	Sell	77.12	Ordinary	(14)	(14)
11-Dec-2020	The Vanguard Group, Inc.	Sell	74.90	Ordinary	(1,533)	(1,533)
11-Dec-2020	The Vanguard Group, Inc.	Sell	74.90	Ordinary	(3,378)	(3,378)
11-Dec-2020	The Vanguard Group, Inc.	Buy	74.90	Ordinary	522	522
14-Dec-2020	The Vanguard Group, Inc.	Buy	75.06	Ordinary	260	260
15-Dec-2020	The Vanguard Group, Inc.	Buy	75.69	Ordinary	1,295	1,295
16-Dec-2020	The Vanguard Group, Inc.	Buy	75.10	Ordinary	368	368
16-Dec-2020	The Vanguard Group, Inc.	Buy	75.10	Ordinary	97	97
18-Dec-2020	The Vanguard Group, Inc.	Sell	74.23	Ordinary	(6,095)	(6,095)
18-Dec-2020	The Vanguard Group, Inc.	Buy	74.16	Ordinary	604	604
18-Dec-2020	The Vanguard Group, Inc.	Buy	74.16	Ordinary	151	151
18-Dec-2020	The Vanguard Group, Inc.	Sell	74.23	Ordinary	(2,128)	(2,128)
18-Dec-2020	The Vanguard Group, Inc.	Sell	74.23	Ordinary	(68)	(68)
18-Dec-2020	The Vanguard Group, Inc.	Buy	74.16	Ordinary	366	366
21-Dec-2020	The Vanguard Group, Inc.	Buy	74.12	Ordinary	662	662

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-Dec-2020	The Vanguard Group, Inc.	Buy	74.04	Ordinary	366	366
22-Dec-2020	The Vanguard Group, Inc.	Buy	73.62	Ordinary	604	604
22-Dec-2020	The Vanguard Group, Inc.	Buy	73.62	Ordinary	915	915
22-Dec-2020	The Vanguard Group, Inc.	Sell	73.74	Ordinary	(11,568)	(11,568)
22-Dec-2020	The Vanguard Group, Inc.	Buy	73.50	Ordinary	624	624
23-Dec-2020	The Vanguard Group, Inc.	Sell	73.89	Ordinary	(19,530)	(19,530)
23-Dec-2020	The Vanguard Group, Inc.	Buy	73.65	Ordinary	3,062	3,062
24-Dec-2020	The Vanguard Group, Inc.	Buy	73.35	Ordinary	3,240	3,240
24-Dec-2020	The Vanguard Group, Inc.	Buy	73.53	Ordinary	157	157
24-Dec-2020	The Vanguard Group, Inc.	Buy	73.53	Ordinary	367	367
29-Dec-2020	The Vanguard Group, Inc.	Buy	73.39	Ordinary	3,581	3,581
29-Dec-2020	The Vanguard Group, Inc.	Buy	73.39	Ordinary	1,344	1,344
29-Dec-2020	The Vanguard Group, Inc.	Buy	73.39	Ordinary	1,791	1,791
30-Dec-2020	The Vanguard Group, Inc.	Sell	73.00	Ordinary	(7,191)	(7,191)
30-Dec-2020	The Vanguard Group, Inc.	Buy	73.08	Ordinary	76	76
30-Dec-2020	The Vanguard Group, Inc.	Buy	73.24	Ordinary	2,070	2,070
30-Dec-2020	The Vanguard Group, Inc.	Buy	73.24	Ordinary	314	314
30-Dec-2020	The Vanguard Group, Inc.	Sell	73.24	Ordinary	(2,554)	(2,554)
31-Dec-2020	The Vanguard Group, Inc.	Sell	72.00	Ordinary	(2,264)	(2,264)
31-Dec-2020	The Vanguard Group, Inc.	Sell	71.99	Ordinary	(2,733)	(2,733)
31-Dec-2020	The Vanguard Group, Inc.	Buy	72.00	Ordinary	203	203
31-Dec-2020	The Vanguard Group, Inc.	Buy	71.99	Ordinary	2,733	2,733
5-Jan-2021	The Vanguard Group, Inc.	Buy	72.51	Ordinary	906	906
5-Jan-2021	The Vanguard Group, Inc.	Buy	72.51	Ordinary	435	435
5-Jan-2021	The Vanguard Group, Inc.	Buy	72.51	Ordinary	522	522
5-Jan-2021	The Vanguard Group, Inc.	Sell	72.19	Ordinary	(122)	(122)
5-Jan-2021	The Vanguard Group, Inc.	Buy	72.19	Ordinary	507	507
5-Jan-2021	The Vanguard Group, Inc.	Buy	72.15	Ordinary	367	367
6-Jan-2021	The Vanguard Group, Inc.	Buy	72.61	Ordinary	732	732
6-Jan-2021	The Vanguard Group, Inc.	Sell	72.05	Ordinary	(14,279)	(14,279)
6-Jan-2021	The Vanguard Group, Inc.	Sell	72.05	Ordinary	(34)	(34)
6-Jan-2021	The Vanguard Group, Inc.	Buy	72.23	Ordinary	157	157
7-Jan-2021	The Vanguard Group, Inc.	Buy	72.17	Ordinary	3,775	3,775
7-Jan-2021	The Vanguard Group, Inc.	Buy	72.17	Ordinary	348	348
7-Jan-2021	The Vanguard Group, Inc.	Buy	72.17	Ordinary	3,294	3,294
7-Jan-2021	The Vanguard Group, Inc.	Sell	72.41	Ordinary	(4,203)	(4,203)
7-Jan-2021	The Vanguard Group, Inc.	Buy	72.17	Ordinary	152	152
7-Jan-2021	The Vanguard Group, Inc.	Sell	72.41	Ordinary	(9)	(9)
7-Jan-2021	The Vanguard Group, Inc.	Buy	71.84	Ordinary	96	96
8-Jan-2021	The Vanguard Group, Inc.	Buy	72.81	Ordinary	2,508	2,508
8-Jan-2021	The Vanguard Group, Inc.	Buy	72.81	Ordinary	2,265	2,265
8-Jan-2021	The Vanguard Group, Inc.	Buy	72.81	Ordinary	696	696
8-Jan-2021	The Vanguard Group, Inc.	Buy	72.75	Ordinary	1,727	1,727
8-Jan-2021	The Vanguard Group, Inc.	Buy	72.75	Ordinary	1,668	1,668
11-Jan-2021	The Vanguard Group, Inc.	Buy	72.47	Ordinary	6,225	6,225
11-Jan-2021	The Vanguard Group, Inc.	Buy	72.41	Ordinary	367	367
12-Jan-2021	The Vanguard Group, Inc.	Buy	72.78	Ordinary	549	549
12-Jan-2021	The Vanguard Group, Inc.	Buy	72.78	Ordinary	1,464	1,464
12-Jan-2021	The Vanguard Group, Inc.	Buy	72.58	Ordinary	46	46
12-Jan-2021	The Vanguard Group, Inc.	Buy	72.55	Ordinary	848	848
12-Jan-2021	The Vanguard Group, Inc.	Buy	72.58	Ordinary	157	157
13-Jan-2021	The Vanguard Group, Inc.	Buy	72.41	Ordinary	1,463	1,463
13-Jan-2021	The Vanguard Group, Inc.	Buy	72.41	Ordinary	435	435
13-Jan-2021	The Vanguard Group, Inc.	Buy	72.58	Ordinary	1,727	1,727
13-Jan-2021	The Vanguard Group, Inc.	Buy	72.39	Ordinary	157	157

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14-Jan-2021	The Vanguard Group, Inc.	Buy	72.63	Ordinary	453	453
14-Jan-2021	The Vanguard Group, Inc.	Buy	72.63	Ordinary	348	348
14-Jan-2021	The Vanguard Group, Inc.	Buy	72.50	Ordinary	97	97
18-Jan-2021	The Vanguard Group, Inc.	Buy	71.37	Ordinary	367	367
19-Jan-2021	The Vanguard Group, Inc.	Buy	71.75	Ordinary	157	157
19-Jan-2021	The Vanguard Group, Inc.	Buy	71.75	Ordinary	3,902	3,902
21-Jan-2021	The Vanguard Group, Inc.	Buy	71.48	Ordinary	836	836
21-Jan-2021	The Vanguard Group, Inc.	Buy	71.48	Ordinary	1,647	1,647
22-Jan-2021	The Vanguard Group, Inc.	Buy	71.63	Ordinary	152	152
22-Jan-2021	The Vanguard Group, Inc.	Sell	71.28	Ordinary	(27)	(27)
22-Jan-2021	The Vanguard Group, Inc.	Buy	71.72	Ordinary	10,039	10,039
22-Jan-2021	The Vanguard Group, Inc.	Buy	71.61	Ordinary	314	314
22-Jan-2021	The Vanguard Group, Inc.	Buy	71.61	Ordinary	734	734
22-Jan-2021	The Vanguard Group, Inc.	Buy	71.61	Ordinary	2,055	2,055
25-Jan-2021	The Vanguard Group, Inc.	Buy	71.82	Ordinary	1,881	1,881
27-Jan-2021	The Vanguard Group, Inc.	Buy	72.99	Ordinary	22,796	22,796
27-Jan-2021	The Vanguard Group, Inc.	Buy	73.40	Ordinary	59	59
27-Jan-2021	The Vanguard Group, Inc.	Buy	72.66	Ordinary	367	367
28-Jan-2021	The Vanguard Group, Inc.	Buy	71.76	Ordinary	1,254	1,254
28-Jan-2021	The Vanguard Group, Inc.	Buy	71.76	Ordinary	152	152
28-Jan-2021	The Vanguard Group, Inc.	Sell	72.03	Ordinary	(62)	(62)
28-Jan-2021	The Vanguard Group, Inc.	Buy	71.38	Ordinary	157	157
28-Jan-2021	The Vanguard Group, Inc.	Buy	71.38	Ordinary	2,742	2,742
29-Jan-2021	The Vanguard Group, Inc.	Buy	71.50	Ordinary	1,254	1,254
29-Jan-2021	The Vanguard Group, Inc.	Buy	71.50	Ordinary	755	755
29-Jan-2021	The Vanguard Group, Inc.	Buy	71.50	Ordinary	549	549
29-Jan-2021	The Vanguard Group, Inc.	Buy	71.79	Ordinary	314	314
29-Jan-2021	The Vanguard Group, Inc.	Buy	71.79	Ordinary	391	391
1-Feb-2021	The Vanguard Group, Inc.	Buy	70.39	Ordinary	546	546
1-Feb-2021	The Vanguard Group, Inc.	Sell	70.39	Ordinary	(1,413)	(1,413)
1-Feb-2021	The Vanguard Group, Inc.	Buy	70.39	Ordinary	445	445
3-Feb-2021	The Vanguard Group, Inc.	Buy	72.91	Ordinary	228	228
3-Feb-2021	The Vanguard Group, Inc.	Sell	73.12	Ordinary	(81)	(81)
3-Feb-2021	The Vanguard Group, Inc.	Buy	72.90	Ordinary	103	103
3-Feb-2021	The Vanguard Group, Inc.	Buy	73.12	Ordinary	19	19
4-Feb-2021	The Vanguard Group, Inc.	Buy	72.85	Ordinary	1,254	1,254
4-Feb-2021	The Vanguard Group, Inc.	Buy	72.53	Ordinary	444	444
5-Feb-2021	The Vanguard Group, Inc.	Buy	71.86	Ordinary	380	380
5-Feb-2021	The Vanguard Group, Inc.	Buy	71.86	Ordinary	228	228
5-Feb-2021	The Vanguard Group, Inc.	Sell	73.38	Ordinary	(1,322)	(1,322)
5-Feb-2021	The Vanguard Group, Inc.	Buy	71.70	Ordinary	157	157
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.09	Ordinary	627	627
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.09	Ordinary	302	302
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.09	Ordinary	732	732
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.09	Ordinary	2,562	2,562
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.09	Ordinary	152	152
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.30	Ordinary	314	314
10-Feb-2021	The Vanguard Group, Inc.	Buy	71.30	Ordinary	460	460
11-Feb-2021	The Vanguard Group, Inc.	Buy	70.08	Ordinary	1,672	1,672
11-Feb-2021	The Vanguard Group, Inc.	Buy	70.08	Ordinary	1,208	1,208
11-Feb-2021	The Vanguard Group, Inc.	Buy	70.08	Ordinary	732	732
11-Feb-2021	The Vanguard Group, Inc.	Buy	70.08	Ordinary	304	304
11-Feb-2021	The Vanguard Group, Inc.	Buy	70.05	Ordinary	157	157
11-Feb-2021	The Vanguard Group, Inc.	Buy	70.05	Ordinary	2,686	2,686
12-Feb-2021	The Vanguard Group, Inc.	Buy	70.72	Ordinary	1,881	1,881

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12-Feb-2021	The Vanguard Group, Inc.	Buy	70.72	Ordinary	755	755
12-Feb-2021	The Vanguard Group, Inc.	Buy	70.72	Ordinary	549	549
12-Feb-2021	The Vanguard Group, Inc.	Buy	70.72	Ordinary	228	228
12-Feb-2021	The Vanguard Group, Inc.	Buy	70.45	Ordinary	73	73
12-Feb-2021	The Vanguard Group, Inc.	Buy	70.42	Ordinary	157	157
17-Feb-2021	The Vanguard Group, Inc.	Buy	69.78	Ordinary	50	50
17-Feb-2021	The Vanguard Group, Inc.	Buy	70.21	Ordinary	4,995	4,995
18-Feb-2021	The Vanguard Group, Inc.	Buy	69.80	Ordinary	4,470	4,470
18-Feb-2021	The Vanguard Group, Inc.	Buy	69.80	Ordinary	14	14
18-Feb-2021	The Vanguard Group, Inc.	Buy	69.48	Ordinary	157	157
19-Feb-2021	The Vanguard Group, Inc.	Buy	69.21	Ordinary	755	755
19-Feb-2021	The Vanguard Group, Inc.	Buy	69.13	Ordinary	314	314
22-Feb-2021	The Vanguard Group, Inc.	Sell	68.12	Ordinary	(4,298)	(4,298)
22-Feb-2021	The Vanguard Group, Inc.	Sell	68.12	Ordinary	(738)	(738)
23-Feb-2021	The Vanguard Group, Inc.	Sell	68.07	Ordinary	(757)	(757)
24-Feb-2021	The Vanguard Group, Inc.	Buy	68.62	Ordinary	152	152
24-Feb-2021	The Vanguard Group, Inc.	Buy	68.22	Ordinary	157	157
24-Feb-2021	The Vanguard Group, Inc.	Buy	68.22	Ordinary	99	99
25-Feb-2021	The Vanguard Group, Inc.	Buy	68.22	Ordinary	74	74
25-Feb-2021	The Vanguard Group, Inc.	Buy	68.22	Ordinary	9	9
25-Feb-2021	The Vanguard Group, Inc.	Buy	68.22	Ordinary	157	157
26-Feb-2021	The Vanguard Group, Inc.	Buy	67.60	Ordinary	157	157
26-Feb-2021	The Vanguard Group, Inc.	Sell	67.60	Ordinary	(3,441)	(3,441)
26-Feb-2021	The Vanguard Group, Inc.	Buy	67.60	Ordinary	1,344	1,344
1-Mar-2021	The Vanguard Group, Inc.	Buy	68.98	Ordinary	1,044	1,044
1-Mar-2021	The Vanguard Group, Inc.	Buy	68.98	Ordinary	152	152
1-Mar-2021	The Vanguard Group, Inc.	Buy	68.58	Ordinary	796	796
1-Mar-2021	The Vanguard Group, Inc.	Buy	68.58	Ordinary	785	785
1-Mar-2021	The Vanguard Group, Inc.	Buy	68.58	Ordinary	99	99
2-Mar-2021	The Vanguard Group, Inc.	Buy	68.72	Ordinary	228	228
2-Mar-2021	The Vanguard Group, Inc.	Buy	68.50	Ordinary	157	157
2-Mar-2021	The Vanguard Group, Inc.	Buy	68.50	Ordinary	61	61
3-Mar-2021	The Vanguard Group, Inc.	Sell	68.60	Ordinary	(71)	(71)
3-Mar-2021	The Vanguard Group, Inc.	Buy	68.60	Ordinary	458	458
4-Mar-2021	The Vanguard Group, Inc.	Buy	66.33	Ordinary	10,702	10,702
4-Mar-2021	The Vanguard Group, Inc.	Buy	67.20	Ordinary	168	168
5-Mar-2021	The Vanguard Group, Inc.	Buy	69.47	Ordinary	228	228
5-Mar-2021	The Vanguard Group, Inc.	Buy	68.80	Ordinary	157	157
8-Mar-2021	The Vanguard Group, Inc.	Sell	69.73	Ordinary	(8,745)	(8,745)
9-Mar-2021	The Vanguard Group, Inc.	Buy	69.43	Ordinary	604	604
9-Mar-2021	The Vanguard Group, Inc.	Buy	69.43	Ordinary	522	522
9-Mar-2021	The Vanguard Group, Inc.	Buy	69.43	Ordinary	1,830	1,830
9-Mar-2021	The Vanguard Group, Inc.	Buy	69.43	Ordinary	152	152
9-Mar-2021	The Vanguard Group, Inc.	Buy	69.18	Ordinary	33	33
9-Mar-2021	The Vanguard Group, Inc.	Buy	69.18	Ordinary	194	194
10-Mar-2021	The Vanguard Group, Inc.	Buy	69.28	Ordinary	435	435
10-Mar-2021	The Vanguard Group, Inc.	Buy	70.40	Ordinary	29,192	29,192
10-Mar-2021	The Vanguard Group, Inc.	Buy	70.04	Ordinary	855	855
10-Mar-2021	The Vanguard Group, Inc.	Buy	68.99	Ordinary	471	471
11-Mar-2021	The Vanguard Group, Inc.	Buy	69.32	Ordinary	1,057	1,057
11-Mar-2021	The Vanguard Group, Inc.	Buy	69.32	Ordinary	1,131	1,131
11-Mar-2021	The Vanguard Group, Inc.	Buy	68.98	Ordinary	138	138
12-Mar-2021	The Vanguard Group, Inc.	Buy	69.12	Ordinary	1,817	1,817
15-Mar-2021	The Vanguard Group, Inc.	Buy	69.87	Ordinary	152	152
16-Mar-2021	The Vanguard Group, Inc.	Buy	70.24	Ordinary	157	157

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
16-Mar-2021	The Vanguard Group, Inc.	Buy	70.24	Ordinary	291	291
17-Mar-2021	The Vanguard Group, Inc.	Buy	70.28	Ordinary	609	609
17-Mar-2021	The Vanguard Group, Inc.	Sell	70.30	Ordinary	(19)	(19)
17-Mar-2021	The Vanguard Group, Inc.	Sell	70.30	Ordinary	(369)	(369)
17-Mar-2021	The Vanguard Group, Inc.	Sell	70.30	Ordinary	(2,031)	(2,031)
18-Mar-2021	The Vanguard Group, Inc.	Sell	70.16	Ordinary	(447)	(447)
19-Mar-2021	The Vanguard Group, Inc.	Sell	70.84	Ordinary	(6,528)	(6,528)
19-Mar-2021	The Vanguard Group, Inc.	Sell	70.84	Ordinary	(3,250)	(3,250)
19-Mar-2021	The Vanguard Group, Inc.	Sell	70.84	Ordinary	(5,751)	(5,751)
19-Mar-2021	The Vanguard Group, Inc.	Buy	70.83	Ordinary	36,091	36,091
19-Mar-2021	The Vanguard Group, Inc.	Buy	70.83	Ordinary	111	111
19-Mar-2021	The Vanguard Group, Inc.	Sell	70.84	Ordinary	(2,015)	(2,015)
19-Mar-2021	The Vanguard Group, Inc.	Sell	70.84	Ordinary	(6,754)	(6,754)
19-Mar-2021	The Vanguard Group, Inc.	Sell	70.84	Ordinary	(447)	(447)
19-Mar-2021	The Vanguard Group, Inc.	Buy	70.84	Ordinary	190	190
22-Mar-2021	The Vanguard Group, Inc.	Buy	70.41	Ordinary	302	302
22-Mar-2021	The Vanguard Group, Inc.	Buy	70.41	Ordinary	304	304
22-Mar-2021	The Vanguard Group, Inc.	Buy	70.43	Ordinary	178	178
23-Mar-2021	The Vanguard Group, Inc.	Buy	70.89	Ordinary	2,348	2,348
23-Mar-2021	The Vanguard Group, Inc.	Buy	70.74	Ordinary	95	95
23-Mar-2021	The Vanguard Group, Inc.	Buy	70.74	Ordinary	103	103
26-Mar-2021	The Vanguard Group, Inc.	Buy	71.42	Ordinary	169	169
29-Mar-2021	The Vanguard Group, Inc.	Buy	70.66	Ordinary	476	476
30-Mar-2021	The Vanguard Group, Inc.	Buy	70.86	Ordinary	11,416	11,416
30-Mar-2021	The Vanguard Group, Inc.	Buy	70.52	Ordinary	447	447
30-Mar-2021	The Vanguard Group, Inc.	Buy	70.52	Ordinary	94	94
31-Mar-2021	The Vanguard Group, Inc.	Buy	71.27	Ordinary	2,090	2,090
31-Mar-2021	The Vanguard Group, Inc.	Buy	71.27	Ordinary	228	228
31-Mar-2021	The Vanguard Group, Inc.	Sell	71.05	Ordinary	(5,582)	(5,582)
1-Apr-2021	The Vanguard Group, Inc.	Buy	71.00	Ordinary	7,789	7,789
1-Apr-2021	The Vanguard Group, Inc.	Buy	71.48	Ordinary	746	746
5-Apr-2021	The Vanguard Group, Inc.	Buy	71.82	Ordinary	321	321
6-Apr-2021	The Vanguard Group, Inc.	Buy	72.14	Ordinary	1,463	1,463
6-Apr-2021	The Vanguard Group, Inc.	Buy	72.14	Ordinary	1,510	1,510
6-Apr-2021	The Vanguard Group, Inc.	Buy	72.05	Ordinary	473	473
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.85	Ordinary	152	152
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.85	Ordinary	152	152
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.72	Ordinary	76	76
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.64	Ordinary	150	150
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.64	Ordinary	169	169
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.64	Ordinary	94	94
7-Apr-2021	The Vanguard Group, Inc.	Buy	71.64	Ordinary	53	53
8-Apr-2021	The Vanguard Group, Inc.	Buy	72.28	Ordinary	228	228
9-Apr-2021	The Vanguard Group, Inc.	Buy	72.90	Ordinary	1,672	1,672
9-Apr-2021	The Vanguard Group, Inc.	Buy	72.90	Ordinary	876	876
9-Apr-2021	The Vanguard Group, Inc.	Buy	72.78	Ordinary	4,914	4,914
9-Apr-2021	The Vanguard Group, Inc.	Buy	72.78	Ordinary	1,089	1,089
13-Apr-2021	The Vanguard Group, Inc.	Buy	72.44	Ordinary	1,254	1,254
13-Apr-2021	The Vanguard Group, Inc.	Buy	72.44	Ordinary	304	304
13-Apr-2021	The Vanguard Group, Inc.	Buy	72.29	Ordinary	169	169
13-Apr-2021	The Vanguard Group, Inc.	Buy	72.29	Ordinary	812	812
13-Apr-2021	The Vanguard Group, Inc.	Buy	72.29	Ordinary	96	96
14-Apr-2021	The Vanguard Group, Inc.	Buy	72.32	Ordinary	1,057	1,057
14-Apr-2021	The Vanguard Group, Inc.	Buy	72.32	Ordinary	1,254	1,254
14-Apr-2021	The Vanguard Group, Inc.	Buy	72.32	Ordinary	214	214

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
15-Apr-2021	The Vanguard Group, Inc.	Buy	72.49	Ordinary	652	652
15-Apr-2021	The Vanguard Group, Inc.	Buy	72.49	Ordinary	321	321
15-Apr-2021	The Vanguard Group, Inc.	Buy	72.29	Ordinary	1,038	1,038
16-Apr-2021	The Vanguard Group, Inc.	Buy	72.10	Ordinary	470	470
16-Apr-2021	The Vanguard Group, Inc.	Buy	72.10	Ordinary	591	591
16-Apr-2021	The Vanguard Group, Inc.	Buy	72.10	Ordinary	7,135	7,135
19-Apr-2021	The Vanguard Group, Inc.	Buy	72.23	Ordinary	8,312	8,312
19-Apr-2021	The Vanguard Group, Inc.	Buy	71.96	Ordinary	2,090	2,090
19-Apr-2021	The Vanguard Group, Inc.	Buy	71.96	Ordinary	152	152
19-Apr-2021	The Vanguard Group, Inc.	Buy	72.13	Ordinary	413	413
19-Apr-2021	The Vanguard Group, Inc.	Sell	72.13	Ordinary	(198)	(198)
19-Apr-2021	The Vanguard Group, Inc.	Buy	72.13	Ordinary	169	169
20-Apr-2021	The Vanguard Group, Inc.	Buy	71.79	Ordinary	5,990	5,990
20-Apr-2021	The Vanguard Group, Inc.	Buy	70.70	Ordinary	216	216
20-Apr-2021	The Vanguard Group, Inc.	Buy	71.18	Ordinary	380	380
21-Apr-2021	The Vanguard Group, Inc.	Sell	70.91	Ordinary	(29)	(29)
21-Apr-2021	The Vanguard Group, Inc.	Buy	71.80	Ordinary	216	216
21-Apr-2021	The Vanguard Group, Inc.	Buy	71.44	Ordinary	159	159
21-Apr-2021	The Vanguard Group, Inc.	Buy	71.44	Ordinary	1,798	1,798
22-Apr-2021	The Vanguard Group, Inc.	Buy	72.22	Ordinary	152	152
23-Apr-2021	The Vanguard Group, Inc.	Buy	72.96	Ordinary	10,530	10,530
23-Apr-2021	The Vanguard Group, Inc.	Buy	73.20	Ordinary	216	216
23-Apr-2021	The Vanguard Group, Inc.	Buy	72.96	Ordinary	1,444	1,444
26-Apr-2021	The Vanguard Group, Inc.	Sell	72.99	Ordinary	(959)	(959)
26-Apr-2021	The Vanguard Group, Inc.	Buy	72.45	Ordinary	652	652
26-Apr-2021	The Vanguard Group, Inc.	Buy	72.60	Ordinary	10,860	10,860
26-Apr-2021	The Vanguard Group, Inc.	Buy	72.42	Ordinary	48	48
27-Apr-2021	The Vanguard Group, Inc.	Buy	72.54	Ordinary	876	876
27-Apr-2021	The Vanguard Group, Inc.	Sell	72.44	Ordinary	(235)	(235)
28-Apr-2021	The Vanguard Group, Inc.	Buy	72.87	Ordinary	604	604
28-Apr-2021	The Vanguard Group, Inc.	Buy	72.87	Ordinary	730	730
28-Apr-2021	The Vanguard Group, Inc.	Sell	72.86	Ordinary	(96)	(96)
28-Apr-2021	The Vanguard Group, Inc.	Buy	72.86	Ordinary	800	800
29-Apr-2021	The Vanguard Group, Inc.	Buy	73.27	Ordinary	1,095	1,095
30-Apr-2021	The Vanguard Group, Inc.	Buy	72.98	Ordinary	1,359	1,359
3-May-2021	The Vanguard Group, Inc.	Buy	72.51	Ordinary	43	43
4-May-2021	The Vanguard Group, Inc.	Buy	72.35	Ordinary	876	876
4-May-2021	The Vanguard Group, Inc.	Buy	72.35	Ordinary	1,241	1,241
6-May-2021	The Vanguard Group, Inc.	Buy	72.07	Ordinary	228	228
6-May-2021	The Vanguard Group, Inc.	Buy	72.07	Ordinary	152	152
6-May-2021	The Vanguard Group, Inc.	Sell	72.78	Ordinary	(15)	(15)
6-May-2021	The Vanguard Group, Inc.	Buy	72.50	Ordinary	5,103	5,103
6-May-2021	The Vanguard Group, Inc.	Buy	72.07	Ordinary	324	324
6-May-2021	The Vanguard Group, Inc.	Buy	71.89	Ordinary	358	358
6-May-2021	The Vanguard Group, Inc.	Buy	72.50	Ordinary	2,271	2,271
6-May-2021	The Vanguard Group, Inc.	Buy	71.89	Ordinary	338	338
6-May-2021	The Vanguard Group, Inc.	Buy	71.89	Ordinary	149	149
7-May-2021	The Vanguard Group, Inc.	Buy	72.00	Ordinary	453	453
7-May-2021	The Vanguard Group, Inc.	Buy	72.00	Ordinary	1,963	1,963
7-May-2021	The Vanguard Group, Inc.	Buy	72.00	Ordinary	652	652
7-May-2021	The Vanguard Group, Inc.	Buy	72.00	Ordinary	2,555	2,555
7-May-2021	The Vanguard Group, Inc.	Buy	72.00	Ordinary	152	152
7-May-2021	The Vanguard Group, Inc.	Buy	72.00	Ordinary	216	216
7-May-2021	The Vanguard Group, Inc.	Sell	71.90	Ordinary	(321)	(321)
7-May-2021	The Vanguard Group, Inc.	Buy	72.32	Ordinary	137	137

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
10-May-2021	The Vanguard Group, Inc.	Buy	71.42	Ordinary	1,463	1,463
11-May-2021	The Vanguard Group, Inc.	Buy	71.96	Ordinary	3,548	3,548
11-May-2021	The Vanguard Group, Inc.	Buy	71.51	Ordinary	216	216
13-May-2021	The Vanguard Group, Inc.	Sell	72.80	Ordinary	(1,793)	(1,793)
14-May-2021	The Vanguard Group, Inc.	Buy	74.87	Ordinary	608	608
14-May-2021	The Vanguard Group, Inc.	Buy	74.51	Ordinary	1,302	1,302
14-May-2021	The Vanguard Group, Inc.	Buy	74.51	Ordinary	3,020	3,020
17-May-2021	The Vanguard Group, Inc.	Buy	73.88	Ordinary	604	604
17-May-2021	The Vanguard Group, Inc.	Buy	73.86	Ordinary	160	160
18-May-2021	The Vanguard Group, Inc.	Buy	73.09	Ordinary	453	453
18-May-2021	The Vanguard Group, Inc.	Buy	73.09	Ordinary	152	152
18-May-2021	The Vanguard Group, Inc.	Buy	73.09	Ordinary	324	324
18-May-2021	The Vanguard Group, Inc.	Buy	73.65	Ordinary	6,104	6,104
18-May-2021	The Vanguard Group, Inc.	Buy	73.72	Ordinary	101	101
18-May-2021	The Vanguard Group, Inc.	Buy	73.72	Ordinary	1,408	1,408
18-May-2021	The Vanguard Group, Inc.	Buy	73.72	Ordinary	17	17
19-May-2021	The Vanguard Group, Inc.	Buy	72.76	Ordinary	3,344	3,344
19-May-2021	The Vanguard Group, Inc.	Buy	72.76	Ordinary	1,254	1,254
19-May-2021	The Vanguard Group, Inc.	Buy	72.60	Ordinary	156	156
20-May-2021	The Vanguard Group, Inc.	Buy	73.77	Ordinary	1,022	1,022
20-May-2021	The Vanguard Group, Inc.	Buy	73.77	Ordinary	218	218
20-May-2021	The Vanguard Group, Inc.	Buy	73.45	Ordinary	368	368
20-May-2021	The Vanguard Group, Inc.	Buy	73.45	Ordinary	94	94
21-May-2021	The Vanguard Group, Inc.	Buy	74.47	Ordinary	412	412
24-May-2021	The Vanguard Group, Inc.	Sell	74.30	Ordinary	(34)	(34)
24-May-2021	The Vanguard Group, Inc.	Buy	74.33	Ordinary	157	157
25-May-2021	The Vanguard Group, Inc.	Buy	75.59	Ordinary	48	48
26-May-2021	The Vanguard Group, Inc.	Buy	75.60	Ordinary	604	604
27-May-2021	The Vanguard Group, Inc.	Buy	76.18	Ordinary	296	296
27-May-2021	The Vanguard Group, Inc.	Sell	76.06	Ordinary	(2,166)	(2,166)
1-Jun-2021	The Vanguard Group, Inc.	Buy	75.79	Ordinary	152	152
1-Jun-2021	The Vanguard Group, Inc.	Buy	75.79	Ordinary	218	218
1-Jun-2021	The Vanguard Group, Inc.	Buy	75.79	Ordinary	365	365
1-Jun-2021	The Vanguard Group, Inc.	Buy	75.79	Ordinary	94	94
2-Jun-2021	The Vanguard Group, Inc.	Buy	76.65	Ordinary	52	52
2-Jun-2021	The Vanguard Group, Inc.	Sell	76.34	Ordinary	(1,180)	(1,180)
2-Jun-2021	The Vanguard Group, Inc.	Buy	76.65	Ordinary	3,773	3,773
3-Jun-2021	The Vanguard Group, Inc.	Buy	77.15	Ordinary	1,463	1,463
3-Jun-2021	The Vanguard Group, Inc.	Buy	77.15	Ordinary	152	152
8-Jun-2021	The Vanguard Group, Inc.	Buy	74.51	Ordinary	760	760
8-Jun-2021	The Vanguard Group, Inc.	Buy	74.51	Ordinary	372	372
8-Jun-2021	The Vanguard Group, Inc.	Buy	74.51	Ordinary	92	92
9-Jun-2021	The Vanguard Group, Inc.	Buy	74.07	Ordinary	218	218
15-Jun-2021	The Vanguard Group, Inc.	Buy	75.48	Ordinary	304	304
15-Jun-2021	The Vanguard Group, Inc.	Buy	75.46	Ordinary	91	91
16-Jun-2021	The Vanguard Group, Inc.	Buy	76.05	Ordinary	836	836
16-Jun-2021	The Vanguard Group, Inc.	Buy	76.05	Ordinary	218	218
17-Jun-2021	The Vanguard Group, Inc.	Buy	76.36	Ordinary	2,090	2,090
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(5,485)	(5,485)
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(3,721)	(3,721)
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(21,105)	(21,105)
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(263)	(263)
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(417)	(417)
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(4,347)	(4,347)
18-Jun-2021	The Vanguard Group, Inc.	Sell	76.07	Ordinary	(560)	(560)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
22-Jun-2021	The Vanguard Group, Inc.	Buy	77.81	Ordinary	1,254	1,254
22-Jun-2021	The Vanguard Group, Inc.	Buy	77.79	Ordinary	95	95
23-Jun-2021	The Vanguard Group, Inc.	Buy	78.20	Ordinary	152	152
23-Jun-2021	The Vanguard Group, Inc.	Buy	77.76	Ordinary	226	226
24-Jun-2021	The Vanguard Group, Inc.	Buy	78.85	Ordinary	1,672	1,672
29-Jun-2021	The Vanguard Group, Inc.	Buy	77.30	Ordinary	6,872	6,872
29-Jun-2021	The Vanguard Group, Inc.	Buy	77.98	Ordinary	228	228
29-Jun-2021	The Vanguard Group, Inc.	Sell	77.36	Ordinary	(1,164)	(1,164)
30-Jun-2021	The Vanguard Group, Inc.	Buy	77.73	Ordinary	1,045	1,045
30-Jun-2021	The Vanguard Group, Inc.	Buy	77.73	Ordinary	949	949
1-Jul-2021	The Vanguard Group, Inc.	Buy	77.49	Ordinary	1,881	1,881
1-Jul-2021	The Vanguard Group, Inc.	Buy	77.49	Ordinary	152	152
1-Jul-2021	The Vanguard Group, Inc.	Buy	77.35	Ordinary	4,028	4,028
1-Jul-2021	The Vanguard Group, Inc.	Buy	77.35	Ordinary	154	154
2-Jul-2021	The Vanguard Group, Inc.	Buy	77.45	Ordinary	730	730
2-Jul-2021	The Vanguard Group, Inc.	Buy	77.45	Ordinary	228	228
2-Jul-2021	The Vanguard Group, Inc.	Buy	77.35	Ordinary	288	288
2-Jul-2021	The Vanguard Group, Inc.	Buy	77.35	Ordinary	467	467
2-Jul-2021	The Vanguard Group, Inc.	Buy	77.35	Ordinary	91	91
2-Jul-2021	The Vanguard Group, Inc.	Buy	77.35	Ordinary	2,642	2,642
5-Jul-2021	The Vanguard Group, Inc.	Buy	76.43	Ordinary	364	364
5-Jul-2021	The Vanguard Group, Inc.	Buy	76.43	Ordinary	5,574	5,574
6-Jul-2021	The Vanguard Group, Inc.	Buy	75.66	Ordinary	1,254	1,254
6-Jul-2021	The Vanguard Group, Inc.	Sell	75.50	Ordinary	(11,432)	(11,432)
7-Jul-2021	The Vanguard Group, Inc.	Buy	75.16	Ordinary	3,475	3,475
7-Jul-2021	The Vanguard Group, Inc.	Buy	76.14	Ordinary	489	489
7-Jul-2021	The Vanguard Group, Inc.	Buy	76.14	Ordinary	49	49
7-Jul-2021	The Vanguard Group, Inc.	Buy	76.14	Ordinary	290	290
8-Jul-2021	The Vanguard Group, Inc.	Buy	76.14	Ordinary	730	730
8-Jul-2021	The Vanguard Group, Inc.	Buy	76.38	Ordinary	59	59
9-Jul-2021	The Vanguard Group, Inc.	Buy	76.04	Ordinary	1,359	1,359
9-Jul-2021	The Vanguard Group, Inc.	Buy	76.04	Ordinary	1,672	1,672
9-Jul-2021	The Vanguard Group, Inc.	Buy	76.04	Ordinary	1,825	1,825
9-Jul-2021	The Vanguard Group, Inc.	Buy	76.04	Ordinary	1,168	1,168
9-Jul-2021	The Vanguard Group, Inc.	Buy	76.04	Ordinary	2,555	2,555
9-Jul-2021	The Vanguard Group, Inc.	Buy	75.33	Ordinary	7,029	7,029
9-Jul-2021	The Vanguard Group, Inc.	Buy	75.33	Ordinary	6,445	6,445
12-Jul-2021	The Vanguard Group, Inc.	Buy	75.64	Ordinary	7,290	7,290
12-Jul-2021	The Vanguard Group, Inc.	Buy	75.18	Ordinary	92	92
13-Jul-2021	The Vanguard Group, Inc.	Buy	75.55	Ordinary	2,717	2,717
14-Jul-2021	The Vanguard Group, Inc.	Buy	76.49	Ordinary	11,881	11,881
14-Jul-2021	The Vanguard Group, Inc.	Buy	76.44	Ordinary	327	327
14-Jul-2021	The Vanguard Group, Inc.	Buy	76.44	Ordinary	327	327
14-Jul-2021	The Vanguard Group, Inc.	Buy	76.44	Ordinary	981	981
14-Jul-2021	The Vanguard Group, Inc.	Buy	76.46	Ordinary	144	144
14-Jul-2021	The Vanguard Group, Inc.	Buy	76.46	Ordinary	288	288
15-Jul-2021	The Vanguard Group, Inc.	Buy	75.70	Ordinary	152	152
15-Jul-2021	The Vanguard Group, Inc.	Buy	75.70	Ordinary	228	228
15-Jul-2021	The Vanguard Group, Inc.	Buy	75.63	Ordinary	425	425
15-Jul-2021	The Vanguard Group, Inc.	Buy	75.63	Ordinary	2,349	2,349
15-Jul-2021	The Vanguard Group, Inc.	Buy	75.63	Ordinary	55	55
15-Jul-2021	The Vanguard Group, Inc.	Sell	75.63	Ordinary	(691)	(691)
19-Jul-2021	The Vanguard Group, Inc.	Buy	76.73	Ordinary	144	144
20-Jul-2021	The Vanguard Group, Inc.	Buy	76.73	Ordinary	145	145
21-Jul-2021	The Vanguard Group, Inc.	Buy	77.70	Ordinary	604	604

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
21-Jul-2021	The Vanguard Group, Inc.	Buy	77.70	Ordinary	2,508	2,508
21-Jul-2021	The Vanguard Group, Inc.	Buy	78.00	Ordinary	13,002	13,002
21-Jul-2021	The Vanguard Group, Inc.	Buy	77.70	Ordinary	1,095	1,095
21-Jul-2021	The Vanguard Group, Inc.	Buy	77.27	Ordinary	143	143
22-Jul-2021	The Vanguard Group, Inc.	Buy	77.29	Ordinary	10,807	10,807
22-Jul-2021	The Vanguard Group, Inc.	Sell	77.17	Ordinary	(815)	(815)
22-Jul-2021	The Vanguard Group, Inc.	Buy	77.17	Ordinary	228	228
22-Jul-2021	The Vanguard Group, Inc.	Sell	77.33	Ordinary	(797)	(797)
23-Jul-2021	The Vanguard Group, Inc.	Buy	76.91	Ordinary	616	616
26-Jul-2021	The Vanguard Group, Inc.	Buy	78.33	Ordinary	3,553	3,553
26-Jul-2021	The Vanguard Group, Inc.	Buy	78.33	Ordinary	152	152
27-Jul-2021	The Vanguard Group, Inc.	Buy	78.35	Ordinary	3,502	3,502
27-Jul-2021	The Vanguard Group, Inc.	Buy	78.25	Ordinary	515	515
28-Jul-2021	The Vanguard Group, Inc.	Buy	77.56	Ordinary	730	730
28-Jul-2021	The Vanguard Group, Inc.	Buy	77.56	Ordinary	730	730
28-Jul-2021	The Vanguard Group, Inc.	Buy	77.50	Ordinary	1,092	1,092
29-Jul-2021	The Vanguard Group, Inc.	Buy	77.54	Ordinary	1,304	1,304
29-Jul-2021	The Vanguard Group, Inc.	Sell	78.26	Ordinary	(151)	(151)
29-Jul-2021	The Vanguard Group, Inc.	Sell	77.44	Ordinary	(852)	(852)
30-Jul-2021	The Vanguard Group, Inc.	Buy	77.20	Ordinary	1,095	1,095
30-Jul-2021	The Vanguard Group, Inc.	Buy	77.20	Ordinary	228	228
30-Jul-2021	The Vanguard Group, Inc.	Buy	76.89	Ordinary	3,520	3,520
30-Jul-2021	The Vanguard Group, Inc.	Buy	76.89	Ordinary	365	365
30-Jul-2021	The Vanguard Group, Inc.	Buy	76.89	Ordinary	1,877	1,877
2-Aug-2021	The Vanguard Group, Inc.	Buy	77.42	Ordinary	815	815
2-Aug-2021	The Vanguard Group, Inc.	Buy	77.72	Ordinary	1,253	1,253
3-Aug-2021	The Vanguard Group, Inc.	Buy	77.87	Ordinary	5,407	5,407
3-Aug-2021	The Vanguard Group, Inc.	Buy	79.09	Ordinary	152	152
3-Aug-2021	The Vanguard Group, Inc.	Buy	78.95	Ordinary	139	139
3-Aug-2021	The Vanguard Group, Inc.	Buy	78.95	Ordinary	1,797	1,797
4-Aug-2021	The Vanguard Group, Inc.	Buy	79.70	Ordinary	129	129
5-Aug-2021	The Vanguard Group, Inc.	Buy	80.00	Ordinary	3,521	3,521
5-Aug-2021	The Vanguard Group, Inc.	Sell	80.75	Ordinary	(780)	(780)
6-Aug-2021	The Vanguard Group, Inc.	Sell	81.50	Ordinary	(730)	(730)
9-Aug-2021	The Vanguard Group, Inc.	Buy	81.58	Ordinary	987	987
10-Aug-2021	The Vanguard Group, Inc.	Buy	81.10	Ordinary	518	518
11-Aug-2021	The Vanguard Group, Inc.	Buy	80.85	Ordinary	453	453
11-Aug-2021	The Vanguard Group, Inc.	Buy	80.85	Ordinary	148	148
11-Aug-2021	The Vanguard Group, Inc.	Buy	80.85	Ordinary	218	218
11-Aug-2021	The Vanguard Group, Inc.	Buy	80.80	Ordinary	477	477
11-Aug-2021	The Vanguard Group, Inc.	Buy	80.80	Ordinary	548	548
13-Aug-2021	The Vanguard Group, Inc.	Buy	80.90	Ordinary	1,168	1,168
13-Aug-2021	The Vanguard Group, Inc.	Buy	80.90	Ordinary	1,825	1,825
13-Aug-2021	The Vanguard Group, Inc.	Buy	80.90	Ordinary	876	876
13-Aug-2021	The Vanguard Group, Inc.	Buy	80.90	Ordinary	1,314	1,314
13-Aug-2021	The Vanguard Group, Inc.	Buy	80.31	Ordinary	265	265
16-Aug-2021	The Vanguard Group, Inc.	Buy	81.40	Ordinary	836	836
16-Aug-2021	The Vanguard Group, Inc.	Buy	81.40	Ordinary	2,090	2,090
17-Aug-2021	The Vanguard Group, Inc.	Buy	81.23	Ordinary	1,090	1,090
17-Aug-2021	The Vanguard Group, Inc.	Buy	81.39	Ordinary	1,878	1,878
18-Aug-2021	The Vanguard Group, Inc.	Buy	81.19	Ordinary	2,409	2,409
18-Aug-2021	The Vanguard Group, Inc.	Buy	81.19	Ordinary	296	296
18-Aug-2021	The Vanguard Group, Inc.	Buy	82.24	Ordinary	3,354	3,354
18-Aug-2021	The Vanguard Group, Inc.	Sell	81.64	Ordinary	(91)	(91)
19-Aug-2021	The Vanguard Group, Inc.	Buy	83.86	Ordinary	1,630	1,630

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
19-Aug-2021	The Vanguard Group, Inc.	Buy	83.86	Ordinary	222	222
19-Aug-2021	The Vanguard Group, Inc.	Buy	83.53	Ordinary	266	266
19-Aug-2021	The Vanguard Group, Inc.	Sell	83.53	Ordinary	(1,007)	(1,007)
20-Aug-2021	The Vanguard Group, Inc.	Buy	86.25	Ordinary	1,045	1,045
20-Aug-2021	The Vanguard Group, Inc.	Buy	85.91	Ordinary	3,631	3,631
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	453	453
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	836	836
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	1,254	1,254
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	652	652
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	978	978
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	1,095	1,095
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	1,095	1,095
23-Aug-2021	The Vanguard Group, Inc.	Buy	88.59	Ordinary	148	148
24-Aug-2021	The Vanguard Group, Inc.	Buy	87.80	Ordinary	429	429
25-Aug-2021	The Vanguard Group, Inc.	Buy	86.64	Ordinary	876	876
25-Aug-2021	The Vanguard Group, Inc.	Sell	87.68	Ordinary	(75)	(75)
26-Aug-2021	The Vanguard Group, Inc.	Buy	87.24	Ordinary	4,986	4,986
27-Aug-2021	The Vanguard Group, Inc.	Buy	87.76	Ordinary	453	453
27-Aug-2021	The Vanguard Group, Inc.	Buy	87.76	Ordinary	755	755
27-Aug-2021	The Vanguard Group, Inc.	Buy	87.76	Ordinary	836	836
27-Aug-2021	The Vanguard Group, Inc.	Buy	87.76	Ordinary	1,095	1,095
31-Aug-2021	The Vanguard Group, Inc.	Sell	87.85	Ordinary	(3,661)	(3,661)
1-Sep-2021	The Vanguard Group, Inc.	Buy	87.09	Ordinary	3,681	3,681
1-Sep-2021	The Vanguard Group, Inc.	Buy	87.05	Ordinary	942	942
1-Sep-2021	The Vanguard Group, Inc.	Buy	87.05	Ordinary	1,907	1,907
2-Sep-2021	The Vanguard Group, Inc.	Buy	86.64	Ordinary	1,606	1,606
3-Sep-2021	The Vanguard Group, Inc.	Buy	86.73	Ordinary	148	148
3-Sep-2021	The Vanguard Group, Inc.	Buy	86.73	Ordinary	327	327
3-Sep-2021	The Vanguard Group, Inc.	Buy	86.96	Ordinary	234	234
7-Sep-2021	The Vanguard Group, Inc.	Buy	85.98	Ordinary	3,908	3,908
7-Sep-2021	The Vanguard Group, Inc.	Buy	86.00	Ordinary	94	94
7-Sep-2021	The Vanguard Group, Inc.	Buy	86.00	Ordinary	1,634	1,634
8-Sep-2021	The Vanguard Group, Inc.	Buy	84.18	Ordinary	1,659	1,659
10-Sep-2021	The Vanguard Group, Inc.	Buy	82.94	Ordinary	93	93
10-Sep-2021	The Vanguard Group, Inc.	Buy	82.94	Ordinary	1,689	1,689
13-Sep-2021	The Vanguard Group, Inc.	Sell	83.25	Ordinary	(1,101)	(1,101)
14-Sep-2021	The Vanguard Group, Inc.	Buy	83.02	Ordinary	327	327
15-Sep-2021	The Vanguard Group, Inc.	Buy	84.55	Ordinary	222	222
15-Sep-2021	The Vanguard Group, Inc.	Buy	84.55	Ordinary	296	296
15-Sep-2021	The Vanguard Group, Inc.	Buy	84.27	Ordinary	1,834	1,834
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(401)	(401)
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(6,186)	(6,186)
17-Sep-2021	The Vanguard Group, Inc.	Buy	83.64	Ordinary	222	222
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(3,354)	(3,354)
17-Sep-2021	The Vanguard Group, Inc.	Buy	84.05	Ordinary	51	51
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(2,923)	(2,923)
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(682)	(682)
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(1,275)	(1,275)
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(679)	(679)
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.05	Ordinary	(1,997)	(1,997)
17-Sep-2021	The Vanguard Group, Inc.	Sell	84.10	Ordinary	(682)	(682)
20-Sep-2021	The Vanguard Group, Inc.	Buy	81.99	Ordinary	1,090	1,090
21-Sep-2021	The Vanguard Group, Inc.	Buy	83.14	Ordinary	218	218
21-Sep-2021	The Vanguard Group, Inc.	Buy	83.28	Ordinary	232	232
23-Sep-2021	The Vanguard Group, Inc.	Buy	84.15	Ordinary	1,248	1,248

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
23-Sep-2021	The Vanguard Group, Inc.	Buy	84.06	Ordinary	24,385	24,385
23-Sep-2021	The Vanguard Group, Inc.	Buy	84.15	Ordinary	218	218
23-Sep-2021	The Vanguard Group, Inc.	Buy	84.02	Ordinary	115	115
24-Sep-2021	The Vanguard Group, Inc.	Buy	84.09	Ordinary	252	252
24-Sep-2021	The Vanguard Group, Inc.	Buy	84.09	Ordinary	40	40
24-Sep-2021	The Vanguard Group, Inc.	Buy	84.09	Ordinary	248	248
24-Sep-2021	The Vanguard Group, Inc.	Buy	84.09	Ordinary	3,689	3,689
27-Sep-2021	The Vanguard Group, Inc.	Buy	83.38	Ordinary	189	189
28-Sep-2021	The Vanguard Group, Inc.	Buy	80.72	Ordinary	218	218
29-Sep-2021	The Vanguard Group, Inc.	Buy	80.35	Ordinary	6,559	6,559
30-Sep-2021	The Vanguard Group, Inc.	Buy	80.94	Ordinary	4,563	4,563
30-Sep-2021	The Vanguard Group, Inc.	Buy	79.86	Ordinary	3,344	3,344
1-Oct-2021	The Vanguard Group, Inc.	Buy	79.93	Ordinary	453	453
4-Oct-2021	The Vanguard Group, Inc.	Buy	80.17	Ordinary	3,418	3,418
4-Oct-2021	The Vanguard Group, Inc.	Buy	79.98	Ordinary	262	262
4-Oct-2021	The Vanguard Group, Inc.	Buy	79.98	Ordinary	3,156	3,156
5-Oct-2021	The Vanguard Group, Inc.	Buy	80.29	Ordinary	189	189
5-Oct-2021	The Vanguard Group, Inc.	Buy	80.29	Ordinary	218	218
5-Oct-2021	The Vanguard Group, Inc.	Buy	79.87	Ordinary	557	557
5-Oct-2021	The Vanguard Group, Inc.	Buy	79.87	Ordinary	123	123
5-Oct-2021	The Vanguard Group, Inc.	Sell	79.87	Ordinary	(6,407)	(6,407)
6-Oct-2021	The Vanguard Group, Inc.	Buy	79.64	Ordinary	126	126
6-Oct-2021	The Vanguard Group, Inc.	Sell	81.00	Ordinary	(91)	(91)
6-Oct-2021	The Vanguard Group, Inc.	Buy	79.31	Ordinary	92	92
7-Oct-2021	The Vanguard Group, Inc.	Buy	80.68	Ordinary	252	252
7-Oct-2021	The Vanguard Group, Inc.	Sell	80.48	Ordinary	(1,707)	(1,707)
8-Oct-2021	The Vanguard Group, Inc.	Buy	80.30	Ordinary	1,254	1,254
8-Oct-2021	The Vanguard Group, Inc.	Buy	80.30	Ordinary	315	315
11-Oct-2021	The Vanguard Group, Inc.	Buy	79.34	Ordinary	604	604
11-Oct-2021	The Vanguard Group, Inc.	Buy	79.74	Ordinary	117	117
12-Oct-2021	The Vanguard Group, Inc.	Buy	79.39	Ordinary	189	189
13-Oct-2021	The Vanguard Group, Inc.	Buy	79.01	Ordinary	604	604
13-Oct-2021	The Vanguard Group, Inc.	Buy	79.01	Ordinary	836	836
13-Oct-2021	The Vanguard Group, Inc.	Buy	79.01	Ordinary	1,672	1,672
13-Oct-2021	The Vanguard Group, Inc.	Buy	79.01	Ordinary	840	840
13-Oct-2021	The Vanguard Group, Inc.	Buy	79.01	Ordinary	252	252
13-Oct-2021	The Vanguard Group, Inc.	Buy	79.01	Ordinary	218	218
15-Oct-2021	The Vanguard Group, Inc.	Buy	79.81	Ordinary	453	453
15-Oct-2021	The Vanguard Group, Inc.	Sell	79.77	Ordinary	(34)	(34)
18-Oct-2021	The Vanguard Group, Inc.	Buy	80.00	Ordinary	247	247
19-Oct-2021	The Vanguard Group, Inc.	Buy	80.72	Ordinary	840	840
19-Oct-2021	The Vanguard Group, Inc.	Buy	80.72	Ordinary	189	189
19-Oct-2021	The Vanguard Group, Inc.	Buy	80.72	Ordinary	327	327
19-Oct-2021	The Vanguard Group, Inc.	Buy	80.72	Ordinary	109	109
19-Oct-2021	The Vanguard Group, Inc.	Buy	80.37	Ordinary	91	91
20-Oct-2021	The Vanguard Group, Inc.	Buy	81.51	Ordinary	218	218
20-Oct-2021	The Vanguard Group, Inc.	Buy	81.43	Ordinary	288	288
21-Oct-2021	The Vanguard Group, Inc.	Buy	81.32	Ordinary	872	872
22-Oct-2021	The Vanguard Group, Inc.	Buy	81.58	Ordinary	273	273
22-Oct-2021	The Vanguard Group, Inc.	Sell	81.58	Ordinary	(1,600)	(1,600)
25-Oct-2021	The Vanguard Group, Inc.	Buy	81.58	Ordinary	1,254	1,254
25-Oct-2021	The Vanguard Group, Inc.	Buy	81.36	Ordinary	120	120
26-Oct-2021	The Vanguard Group, Inc.	Buy	82.16	Ordinary	189	189
27-Oct-2021	The Vanguard Group, Inc.	Buy	83.34	Ordinary	616	616
27-Oct-2021	The Vanguard Group, Inc.	Buy	83.34	Ordinary	1,120	1,120

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27-Oct-2021	The Vanguard Group, Inc.	Buy	83.34	Ordinary	189	189
27-Oct-2021	The Vanguard Group, Inc.	Sell	82.70	Ordinary	(49)	(49)
28-Oct-2021	The Vanguard Group, Inc.	Buy	84.64	Ordinary	504	504
28-Oct-2021	The Vanguard Group, Inc.	Buy	84.43	Ordinary	90	90
29-Oct-2021	The Vanguard Group, Inc.	Sell	83.60	Ordinary	(855)	(855)
29-Oct-2021	The Vanguard Group, Inc.	Buy	83.60	Ordinary	252	252
29-Oct-2021	The Vanguard Group, Inc.	Buy	83.02	Ordinary	90	90
1-Nov-2021	The Vanguard Group, Inc.	Buy	84.25	Ordinary	3,140	3,140
1-Nov-2021	The Vanguard Group, Inc.	Buy	85.07	Ordinary	1,254	1,254
1-Nov-2021	The Vanguard Group, Inc.	Buy	85.07	Ordinary	836	836
1-Nov-2021	The Vanguard Group, Inc.	Buy	85.07	Ordinary	840	840
2-Nov-2021	The Vanguard Group, Inc.	Buy	85.30	Ordinary	4,811	4,811
3-Nov-2021	The Vanguard Group, Inc.	Buy	88.47	Ordinary	1,045	1,045
4-Nov-2021	The Vanguard Group, Inc.	Buy	89.80	Ordinary	504	504
5-Nov-2021	The Vanguard Group, Inc.	Buy	91.13	Ordinary	3,973	3,973
5-Nov-2021	The Vanguard Group, Inc.	Buy	91.87	Ordinary	896	896
5-Nov-2021	The Vanguard Group, Inc.	Buy	91.87	Ordinary	126	126
5-Nov-2021	The Vanguard Group, Inc.	Buy	91.67	Ordinary	415	415
1-Oct-2018	Vanguard Investments Australia Ltd.	Buy	63.08	Ordinary	1,611	1,611
8-Oct-2018	Vanguard Investments Australia Ltd.	Buy	60.61	Ordinary	1,611	1,611
10-Oct-2018	Vanguard Investments Australia Ltd.	Sell	60.00	Ordinary	(1,624)	(1,624)
11-Oct-2018	Vanguard Investments Australia Ltd.	Buy	58.70	Ordinary	2,196	2,196
16-Oct-2018	Vanguard Investments Australia Ltd.	Sell	58.13	Ordinary	(1,516)	(1,516)
17-Oct-2018	Vanguard Investments Australia Ltd.	Buy	59.22	Ordinary	3,111	3,111
17-Oct-2018	Vanguard Investments Australia Ltd.	Buy	59.22	Ordinary	4,181	4,181
24-Oct-2018	Vanguard Investments Australia Ltd.	Buy	58.91	Ordinary	2,196	2,196
25-Oct-2018	Vanguard Investments Australia Ltd.	Buy	57.37	Ordinary	4,000	4,000
25-Oct-2018	Vanguard Investments Australia Ltd.	Sell	57.37	Ordinary	(1,228)	(1,228)
25-Oct-2018	Vanguard Investments Australia Ltd.	Buy	57.37	Ordinary	2,520	2,520
26-Oct-2018	Vanguard Investments Australia Ltd.	Buy	57.73	Ordinary	11,565	11,565
31-Oct-2018	Vanguard Investments Australia Ltd.	Buy	59.17	Ordinary	2,896	2,896
31-Oct-2018	Vanguard Investments Australia Ltd.	Buy	59.17	Ordinary	543	543
1-Nov-2018	Vanguard Investments Australia Ltd.	Buy	59.28	Ordinary	362	362
2-Nov-2018	Vanguard Investments Australia Ltd.	Buy	59.61	Ordinary	2,353	2,353
5-Nov-2018	Vanguard Investments Australia Ltd.	Buy	59.52	Ordinary	4,632	4,632
12-Nov-2018	Vanguard Investments Australia Ltd.	Buy	61.96	Ordinary	2,353	2,353
15-Nov-2018	Vanguard Investments Australia Ltd.	Sell	61.03	Ordinary	(1,687)	(1,687)
16-Nov-2018	Vanguard Investments Australia Ltd.	Buy	61.58	Ordinary	5,889	5,889
19-Nov-2018	Vanguard Investments Australia Ltd.	Buy	61.04	Ordinary	2,076	2,076
19-Nov-2018	Vanguard Investments Australia Ltd.	Sell	60.98	Ordinary	(7,084)	(7,084)
21-Nov-2018	Vanguard Investments Australia Ltd.	Buy	60.03	Ordinary	5,166	5,166
22-Nov-2018	Vanguard Investments Australia Ltd.	Buy	60.27	Ordinary	2,562	2,562
23-Nov-2018	Vanguard Investments Australia Ltd.	Buy	60.72	Ordinary	2,265	2,265
29-Nov-2018	Vanguard Investments Australia Ltd.	Buy	61.52	Ordinary	2,013	2,013
3-Dec-2018	Vanguard Investments Australia Ltd.	Buy	61.59	Ordinary	2,379	2,379
3-Dec-2018	Vanguard Investments Australia Ltd.	Buy	61.59	Ordinary	4,318	4,318
4-Dec-2018	Vanguard Investments Australia Ltd.	Buy	61.05	Ordinary	30,541	30,541
7-Dec-2018	Vanguard Investments Australia Ltd.	Buy	60.02	Ordinary	4,500	4,500
11-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.80	Ordinary	3,680	3,680
11-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.80	Ordinary	2,208	2,208
14-Dec-2018	Vanguard Investments Australia Ltd.	Sell	59.14	Ordinary	(1,104)	(1,104)
19-Dec-2018	Vanguard Investments Australia Ltd.	Sell	58.29	Ordinary	(563)	(563)
20-Dec-2018	Vanguard Investments Australia Ltd.	Sell	58.19	Ordinary	(1,281)	(1,281)
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	8,483	8,483
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	1,789	1,789

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21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	4,533	4,533
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	2,668	2,668
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	867	867
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	2,715	2,715
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	10,263	10,263
21-Dec-2018	Vanguard Investments Australia Ltd.	Buy	58.30	Ordinary	16,425	16,425
27-Dec-2018	Vanguard Investments Australia Ltd.	Buy	59.71	Ordinary	1,092	1,092
8-Jan-2019	Vanguard Investments Australia Ltd.	Buy	61.82	Ordinary	1,800	1,800
11-Jan-2019	Vanguard Investments Australia Ltd.	Buy	62.04	Ordinary	2,184	2,184
11-Jan-2019	Vanguard Investments Australia Ltd.	Buy	62.07	Ordinary	3,932	3,932
18-Jan-2019	Vanguard Investments Australia Ltd.	Buy	63.87	Ordinary	561	561
18-Jan-2019	Vanguard Investments Australia Ltd.	Buy	64.04	Ordinary	412	412
18-Jan-2019	Vanguard Investments Australia Ltd.	Buy	63.87	Ordinary	2,725	2,725
21-Jan-2019	Vanguard Investments Australia Ltd.	Sell	64.33	Ordinary	(2,087)	(2,087)
22-Jan-2019	Vanguard Investments Australia Ltd.	Sell	64.06	Ordinary	(1,831)	(1,831)
29-Jan-2019	Vanguard Investments Australia Ltd.	Buy	64.38	Ordinary	4,019	4,019
30-Jan-2019	Vanguard Investments Australia Ltd.	Buy	64.06	Ordinary	720	720
30-Jan-2019	Vanguard Investments Australia Ltd.	Buy	64.01	Ordinary	4,142	4,142
1-Feb-2019	Vanguard Investments Australia Ltd.	Buy	64.39	Ordinary	5,724	5,724
5-Feb-2019	Vanguard Investments Australia Ltd.	Sell	65.20	Ordinary	(12,740)	(12,740)
13-Feb-2019	Vanguard Investments Australia Ltd.	Buy	68.38	Ordinary	5,638	5,638
19-Feb-2019	Vanguard Investments Australia Ltd.	Buy	68.53	Ordinary	2,024	2,024
25-Feb-2019	Vanguard Investments Australia Ltd.	Buy	70.97	Ordinary	5,450	5,450
26-Feb-2019	Vanguard Investments Australia Ltd.	Buy	68.87	Ordinary	1,840	1,840
28-Feb-2019	Vanguard Investments Australia Ltd.	Buy	69.75	Ordinary	570	570
5-Mar-2019	Vanguard Investments Australia Ltd.	Buy	69.66	Ordinary	11,776	11,776
11-Mar-2019	Vanguard Investments Australia Ltd.	Sell	69.05	Ordinary	(1,127)	(1,127)
12-Mar-2019	Vanguard Investments Australia Ltd.	Sell	69.08	Ordinary	(3,375)	(3,375)
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.16	Ordinary	1,454	1,454
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.20	Ordinary	4,390	4,390
15-Mar-2019	Vanguard Investments Australia Ltd.	Sell	70.16	Ordinary	(1,387)	(1,387)
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.16	Ordinary	415	415
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.20	Ordinary	1,251	1,251
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.16	Ordinary	1,260	1,260
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.16	Ordinary	653	653
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.20	Ordinary	1,975	1,975
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.16	Ordinary	925	925
15-Mar-2019	Vanguard Investments Australia Ltd.	Buy	70.20	Ordinary	2,791	2,791
1-Apr-2019	Vanguard Investments Australia Ltd.	Buy	69.43	Ordinary	7,179	7,179
1-Apr-2019	Vanguard Investments Australia Ltd.	Sell	69.43	Ordinary	(10,024)	(10,024)
1-Apr-2019	Vanguard Investments Australia Ltd.	Buy	69.43	Ordinary	9,361	9,361
2-Apr-2019	Vanguard Investments Australia Ltd.	Buy	70.45	Ordinary	2,523	2,523
2-Apr-2019	Vanguard Investments Australia Ltd.	Buy	70.45	Ordinary	3,931	3,931
2-Apr-2019	Vanguard Investments Australia Ltd.	Buy	70.23	Ordinary	1,218	1,218
8-Apr-2019	Vanguard Investments Australia Ltd.	Buy	70.76	Ordinary	1,376	1,376
9-Apr-2019	Vanguard Investments Australia Ltd.	Sell	70.68	Ordinary	(545)	(545)
9-Apr-2019	Vanguard Investments Australia Ltd.	Buy	70.68	Ordinary	57,784	57,784
11-Apr-2019	Vanguard Investments Australia Ltd.	Buy	70.74	Ordinary	4,849	4,849
12-Apr-2019	Vanguard Investments Australia Ltd.	Sell	71.78	Ordinary	(637)	(637)
16-Apr-2019	Vanguard Investments Australia Ltd.	Buy	71.61	Ordinary	8,341	8,341
30-Apr-2019	Vanguard Investments Australia Ltd.	Buy	74.50	Ordinary	2,100	2,100
1-May-2019	Vanguard Investments Australia Ltd.	Buy	74.53	Ordinary	171	171
1-May-2019	Vanguard Investments Australia Ltd.	Buy	74.53	Ordinary	1,371	1,371
1-May-2019	Vanguard Investments Australia Ltd.	Buy	74.53	Ordinary	496	496
1-May-2019	Vanguard Investments Australia Ltd.	Buy	74.53	Ordinary	4,139	4,139

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1-May-2019	Vanguard Investments Australia Ltd.	Buy	74.53	Ordinary	923	923
1-May-2019	Vanguard Investments Australia Ltd.	Buy	74.53	Ordinary	7,706	7,706
7-May-2019	Vanguard Investments Australia Ltd.	Sell	75.11	Ordinary	(575)	(575)
10-May-2019	Vanguard Investments Australia Ltd.	Buy	75.39	Ordinary	903	903
10-May-2019	Vanguard Investments Australia Ltd.	Buy	75.39	Ordinary	373	373
10-May-2019	Vanguard Investments Australia Ltd.	Buy	75.35	Ordinary	1,593	1,593
15-May-2019	Vanguard Investments Australia Ltd.	Sell	75.25	Ordinary	(1,925)	(1,925)
16-May-2019	Vanguard Investments Australia Ltd.	Buy	75.24	Ordinary	5,276	5,276
17-May-2019	Vanguard Investments Australia Ltd.	Buy	76.11	Ordinary	1,780	1,780
21-May-2019	Vanguard Investments Australia Ltd.	Buy	77.10	Ordinary	1,780	1,780
22-May-2019	Vanguard Investments Australia Ltd.	Buy	76.77	Ordinary	1,868	1,868
27-May-2019	Vanguard Investments Australia Ltd.	Sell	76.42	Ordinary	(2,489)	(2,489)
28-May-2019	Vanguard Investments Australia Ltd.	Sell	77.12	Ordinary	(1,012)	(1,012)
28-May-2019	Vanguard Investments Australia Ltd.	Buy	77.08	Ordinary	1,960	1,960
30-May-2019	Vanguard Investments Australia Ltd.	Buy	75.28	Ordinary	11,783	11,783
3-Jun-2019	Vanguard Investments Australia Ltd.	Sell	75.01	Ordinary	(3,045)	(3,045)
3-Jun-2019	Vanguard Investments Australia Ltd.	Sell	75.01	Ordinary	(1,960)	(1,960)
4-Jun-2019	Vanguard Investments Australia Ltd.	Buy	75.20	Ordinary	1,960	1,960
6-Jun-2019	Vanguard Investments Australia Ltd.	Buy	78.15	Ordinary	2,352	2,352
7-Jun-2019	Vanguard Investments Australia Ltd.	Sell	79.29	Ordinary	(392)	(392)
7-Jun-2019	Vanguard Investments Australia Ltd.	Buy	79.29	Ordinary	1,118	1,118
7-Jun-2019	Vanguard Investments Australia Ltd.	Buy	78.27	Ordinary	8,866	8,866
11-Jun-2019	Vanguard Investments Australia Ltd.	Sell	80.85	Ordinary	(1,445)	(1,445)
12-Jun-2019	Vanguard Investments Australia Ltd.	Buy	80.83	Ordinary	5,961	5,961
17-Jun-2019	Vanguard Investments Australia Ltd.	Buy	81.10	Ordinary	1,560	1,560
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.71	Ordinary	1,759	1,759
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.71	Ordinary	1,902	1,902
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.71	Ordinary	735	735
21-Jun-2019	Vanguard Investments Australia Ltd.	Sell	82.71	Ordinary	(394)	(394)
21-Jun-2019	Vanguard Investments Australia Ltd.	Sell	82.70	Ordinary	(1,185)	(1,185)
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.71	Ordinary	4,997	4,997
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.71	Ordinary	1,158	1,158
21-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.71	Ordinary	9,345	9,345
25-Jun-2019	Vanguard Investments Australia Ltd.	Sell	83.23	Ordinary	(2,871)	(2,871)
27-Jun-2019	Vanguard Investments Australia Ltd.	Sell	82.93	Ordinary	(1,801)	(1,801)
27-Jun-2019	Vanguard Investments Australia Ltd.	Buy	82.93	Ordinary	1,351	1,351
2-Jul-2019	Vanguard Investments Australia Ltd.	Buy	84.04	Ordinary	2,292	2,292
5-Jul-2019	Vanguard Investments Australia Ltd.	Buy	87.45	Ordinary	3,750	3,750
8-Jul-2019	Vanguard Investments Australia Ltd.	Buy	85.61	Ordinary	1,140	1,140
9-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.41	Ordinary	1,140	1,140
11-Jul-2019	Vanguard Investments Australia Ltd.	Buy	87.17	Ordinary	657	657
11-Jul-2019	Vanguard Investments Australia Ltd.	Buy	87.18	Ordinary	1,134	1,134
15-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.13	Ordinary	1,300	1,300
15-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.13	Ordinary	3,432	3,432
16-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.00	Ordinary	2,366	2,366
16-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.00	Ordinary	1,155	1,155
16-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.02	Ordinary	2,268	2,268
16-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.02	Ordinary	3,394	3,394
18-Jul-2019	Vanguard Investments Australia Ltd.	Sell	86.78	Ordinary	(696)	(696)
19-Jul-2019	Vanguard Investments Australia Ltd.	Sell	87.35	Ordinary	(1,643)	(1,643)
22-Jul-2019	Vanguard Investments Australia Ltd.	Sell	83.17	Ordinary	(120,078)	(120,078)
24-Jul-2019	Vanguard Investments Australia Ltd.	Buy	86.64	Ordinary	2,796	2,796
26-Jul-2019	Vanguard Investments Australia Ltd.	Sell	86.99	Ordinary	(1,197)	(1,197)
30-Jul-2019	Vanguard Investments Australia Ltd.	Buy	88.35	Ordinary	2,079	2,079
1-Aug-2019	Vanguard Investments Australia Ltd.	Sell	88.56	Ordinary	(1,304)	(1,304)

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
2-Aug-2019	Vanguard Investments Australia Ltd.	Sell	89.20	Ordinary	(1,905)	(1,905)
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	84.24	Ordinary	1,710	1,710
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	84.24	Ordinary	1,710	1,710
6-Aug-2019	Vanguard Investments Australia Ltd.	Buy	84.24	Ordinary	2,066	2,066
7-Aug-2019	Vanguard Investments Australia Ltd.	Buy	85.74	Ordinary	486	486
7-Aug-2019	Vanguard Investments Australia Ltd.	Buy	85.74	Ordinary	2,371	2,371
8-Aug-2019	Vanguard Investments Australia Ltd.	Buy	86.93	Ordinary	2,090	2,090
9-Aug-2019	Vanguard Investments Australia Ltd.	Buy	86.83	Ordinary	3,092	3,092
12-Aug-2019	Vanguard Investments Australia Ltd.	Buy	86.99	Ordinary	2,090	2,090
16-Aug-2019	Vanguard Investments Australia Ltd.	Buy	84.79	Ordinary	5,282	5,282
19-Aug-2019	Vanguard Investments Australia Ltd.	Buy	84.55	Ordinary	3,478	3,478
20-Aug-2019	Vanguard Investments Australia Ltd.	Sell	85.96	Ordinary	(1,631)	(1,631)
21-Aug-2019	Vanguard Investments Australia Ltd.	Buy	85.47	Ordinary	4,570	4,570
27-Aug-2019	Vanguard Investments Australia Ltd.	Buy	85.23	Ordinary	421	421
27-Aug-2019	Vanguard Investments Australia Ltd.	Buy	85.23	Ordinary	2,959	2,959
2-Sep-2019	Vanguard Investments Australia Ltd.	Buy	85.76	Ordinary	4,202	4,202
3-Sep-2019	Vanguard Investments Australia Ltd.	Buy	85.69	Ordinary	18,153	18,153
5-Sep-2019	Vanguard Investments Australia Ltd.	Buy	84.54	Ordinary	4,622	4,622
6-Sep-2019	Vanguard Investments Australia Ltd.	Sell	85.72	Ordinary	(1,217)	(1,217)
13-Sep-2019	Vanguard Investments Australia Ltd.	Buy	79.91	Ordinary	820	820
13-Sep-2019	Vanguard Investments Australia Ltd.	Sell	79.91	Ordinary	(756)	(756)
17-Sep-2019	Vanguard Investments Australia Ltd.	Buy	81.34	Ordinary	3,667	3,667
20-Sep-2019	Vanguard Investments Australia Ltd.	Buy	81.85	Ordinary	1,940	1,940
23-Sep-2019	Vanguard Investments Australia Ltd.	Buy	81.98	Ordinary	2,985	2,985
25-Sep-2019	Vanguard Investments Australia Ltd.	Sell	81.69	Ordinary	(1,225)	(1,225)
25-Sep-2019	Vanguard Investments Australia Ltd.	Buy	81.69	Ordinary	2,786	2,786
27-Sep-2019	Vanguard Investments Australia Ltd.	Buy	82.00	Ordinary	2,376	2,376
2-Oct-2019	Vanguard Investments Australia Ltd.	Buy	80.24	Ordinary	7,057	7,057
2-Oct-2019	Vanguard Investments Australia Ltd.	Buy	80.24	Ordinary	1,870	1,870
2-Oct-2019	Vanguard Investments Australia Ltd.	Buy	80.09	Ordinary	3,762	3,762
2-Oct-2019	Vanguard Investments Australia Ltd.	Sell	80.09	Ordinary	(4,752)	(4,752)
3-Oct-2019	Vanguard Investments Australia Ltd.	Buy	79.00	Ordinary	3,316	3,316
4-Oct-2019	Vanguard Investments Australia Ltd.	Buy	80.44	Ordinary	3,822	3,822
4-Oct-2019	Vanguard Investments Australia Ltd.	Buy	80.44	Ordinary	3,366	3,366
11-Oct-2019	Vanguard Investments Australia Ltd.	Buy	81.31	Ordinary	1,584	1,584
14-Oct-2019	Vanguard Investments Australia Ltd.	Buy	80.92	Ordinary	25,684	25,684
16-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.53	Ordinary	30,437	30,437
18-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.45	Ordinary	1,980	1,980
21-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.74	Ordinary	1,290	1,290
22-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.34	Ordinary	1,990	1,990
23-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.36	Ordinary	1,958	1,958
28-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.55	Ordinary	2,000	2,000
30-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.85	Ordinary	6,155	6,155
30-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.80	Ordinary	6,080	6,080
31-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.32	Ordinary	4,800	4,800
31-Oct-2019	Vanguard Investments Australia Ltd.	Buy	82.25	Ordinary	9,879	9,879
31-Oct-2019	Vanguard Investments Australia Ltd.	Sell	82.32	Ordinary	(2,400)	(2,400)
1-Nov-2019	Vanguard Investments Australia Ltd.	Sell	81.20	Ordinary	(23,664)	(23,664)
4-Nov-2019	Vanguard Investments Australia Ltd.	Sell	81.55	Ordinary	(31,443)	(31,443)
4-Nov-2019	Vanguard Investments Australia Ltd.	Buy	81.52	Ordinary	7,048	7,048
5-Nov-2019	Vanguard Investments Australia Ltd.	Sell	81.56	Ordinary	(8,504)	(8,504)
5-Nov-2019	Vanguard Investments Australia Ltd.	Buy	81.56	Ordinary	2,400	2,400
7-Nov-2019	Vanguard Investments Australia Ltd.	Buy	80.35	Ordinary	1,388	1,388
11-Nov-2019	Vanguard Investments Australia Ltd.	Sell	81.16	Ordinary	(974)	(974)
11-Nov-2019	Vanguard Investments Australia Ltd.	Buy	81.15	Ordinary	4,679	4,679

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12-Nov-2019	Vanguard Investments Australia Ltd.	Sell	80.47	Ordinary	(670)	(670)
12-Nov-2019	Vanguard Investments Australia Ltd.	Buy	80.47	Ordinary	2,189	2,189
13-Nov-2019	Vanguard Investments Australia Ltd.	Buy	79.59	Ordinary	594	594
14-Nov-2019	Vanguard Investments Australia Ltd.	Buy	80.63	Ordinary	4,842	4,842
19-Nov-2019	Vanguard Investments Australia Ltd.	Sell	81.14	Ordinary	(407)	(407)
19-Nov-2019	Vanguard Investments Australia Ltd.	Buy	81.14	Ordinary	2,574	2,574
20-Nov-2019	Vanguard Investments Australia Ltd.	Buy	79.75	Ordinary	1,386	1,386
21-Nov-2019	Vanguard Investments Australia Ltd.	Buy	79.91	Ordinary	4,158	4,158
22-Nov-2019	Vanguard Investments Australia Ltd.	Buy	80.68	Ordinary	1,086	1,086
25-Nov-2019	Vanguard Investments Australia Ltd.	Buy	80.33	Ordinary	3,691	3,691
26-Nov-2019	Vanguard Investments Australia Ltd.	Sell	80.76	Ordinary	(2,680)	(2,680)
27-Nov-2019	Vanguard Investments Australia Ltd.	Buy	81.66	Ordinary	5,887	5,887
29-Nov-2019	Vanguard Investments Australia Ltd.	Buy	81.71	Ordinary	2,340	2,340
2-Dec-2019	Vanguard Investments Australia Ltd.	Buy	81.88	Ordinary	9,477	9,477
3-Dec-2019	Vanguard Investments Australia Ltd.	Buy	78.75	Ordinary	2,736	2,736
4-Dec-2019	Vanguard Investments Australia Ltd.	Buy	78.50	Ordinary	4,268	4,268
5-Dec-2019	Vanguard Investments Australia Ltd.	Buy	79.46	Ordinary	2,946	2,946
9-Dec-2019	Vanguard Investments Australia Ltd.	Buy	79.64	Ordinary	2,316	2,316
11-Dec-2019	Vanguard Investments Australia Ltd.	Buy	79.99	Ordinary	2,574	2,574
13-Dec-2019	Vanguard Investments Australia Ltd.	Buy	79.85	Ordinary	1,910	1,910
18-Dec-2019	Vanguard Investments Australia Ltd.	Buy	82.18	Ordinary	2,660	2,660
18-Dec-2019	Vanguard Investments Australia Ltd.	Buy	82.22	Ordinary	10,389	10,389
20-Dec-2019	Vanguard Investments Australia Ltd.	Buy	81.53	Ordinary	1,475	1,475
30-Dec-2019	Vanguard Investments Australia Ltd.	Buy	80.79	Ordinary	1,504	1,504
31-Dec-2019	Vanguard Investments Australia Ltd.	Buy	78.41	Ordinary	940	940
2-Jan-2020	Vanguard Investments Australia Ltd.	Buy	79.09	Ordinary	2,232	2,232
3-Jan-2020	Vanguard Investments Australia Ltd.	Sell	79.78	Ordinary	(13,100)	(13,100)
6-Jan-2020	Vanguard Investments Australia Ltd.	Buy	79.28	Ordinary	1,334	1,334
7-Jan-2020	Vanguard Investments Australia Ltd.	Buy	81.06	Ordinary	1,122	1,122
7-Jan-2020	Vanguard Investments Australia Ltd.	Buy	80.93	Ordinary	4,705	4,705
8-Jan-2020	Vanguard Investments Australia Ltd.	Buy	80.60	Ordinary	2,790	2,790
9-Jan-2020	Vanguard Investments Australia Ltd.	Sell	81.05	Ordinary	(1,488)	(1,488)
13-Jan-2020	Vanguard Investments Australia Ltd.	Buy	82.02	Ordinary	2,790	2,790
14-Jan-2020	Vanguard Investments Australia Ltd.	Buy	81.83	Ordinary	1,829	1,829
15-Jan-2020	Vanguard Investments Australia Ltd.	Buy	82.27	Ordinary	1,377	1,377
21-Jan-2020	Vanguard Investments Australia Ltd.	Sell	83.83	Ordinary	(4,682)	(4,682)
21-Jan-2020	Vanguard Investments Australia Ltd.	Buy	83.83	Ordinary	2,775	2,775
30-Jan-2020	Vanguard Investments Australia Ltd.	Buy	84.74	Ordinary	2,760	2,760
31-Jan-2020	Vanguard Investments Australia Ltd.	Buy	85.60	Ordinary	1,082	1,082
3-Feb-2020	Vanguard Investments Australia Ltd.	Sell	84.63	Ordinary	(3,226)	(3,226)
3-Feb-2020	Vanguard Investments Australia Ltd.	Sell	84.56	Ordinary	(1,055)	(1,055)
7-Feb-2020	Vanguard Investments Australia Ltd.	Buy	85.47	Ordinary	1,850	1,850
11-Feb-2020	Vanguard Investments Australia Ltd.	Buy	85.99	Ordinary	3,720	3,720
11-Feb-2020	Vanguard Investments Australia Ltd.	Buy	85.97	Ordinary	7,925	7,925
17-Feb-2020	Vanguard Investments Australia Ltd.	Sell	82.40	Ordinary	(2,619)	(2,619)
26-Feb-2020	Vanguard Investments Australia Ltd.	Buy	77.50	Ordinary	2,992	2,992
27-Feb-2020	Vanguard Investments Australia Ltd.	Buy	76.63	Ordinary	14,318	14,318
28-Feb-2020	Vanguard Investments Australia Ltd.	Sell	74.14	Ordinary	(2,864)	(2,864)
28-Feb-2020	Vanguard Investments Australia Ltd.	Buy	74.14	Ordinary	2,805	2,805
2-Mar-2020	Vanguard Investments Australia Ltd.	Sell	74.43	Ordinary	(2,023)	(2,023)
2-Mar-2020	Vanguard Investments Australia Ltd.	Buy	74.43	Ordinary	133	133
3-Mar-2020	Vanguard Investments Australia Ltd.	Buy	74.17	Ordinary	5,049	5,049
4-Mar-2020	Vanguard Investments Australia Ltd.	Buy	74.02	Ordinary	3,179	3,179
5-Mar-2020	Vanguard Investments Australia Ltd.	Buy	74.32	Ordinary	1,409	1,409
5-Mar-2020	Vanguard Investments Australia Ltd.	Sell	74.32	Ordinary	(557)	(557)

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9-Mar-2020	Vanguard Investments Australia Ltd.	Sell	71.70	Ordinary	(985)	(985)
9-Mar-2020	Vanguard Investments Australia Ltd.	Sell	71.70	Ordinary	(63)	(63)
9-Mar-2020	Vanguard Investments Australia Ltd.	Buy	71.70	Ordinary	6,510	6,510
9-Mar-2020	Vanguard Investments Australia Ltd.	Buy	71.70	Ordinary	7,649	7,649
10-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.02	Ordinary	9,547	9,547
11-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.48	Ordinary	832	832
11-Mar-2020	Vanguard Investments Australia Ltd.	Buy	70.52	Ordinary	4,600	4,600
11-Mar-2020	Vanguard Investments Australia Ltd.	Buy	70.52	Ordinary	3,680	3,680
12-Mar-2020	Vanguard Investments Australia Ltd.	Buy	67.16	Ordinary	3,145	3,145
12-Mar-2020	Vanguard Investments Australia Ltd.	Buy	67.16	Ordinary	5,550	5,550
12-Mar-2020	Vanguard Investments Australia Ltd.	Buy	67.16	Ordinary	19,353	19,353
13-Mar-2020	Vanguard Investments Australia Ltd.	Buy	70.97	Ordinary	6,275	6,275
13-Mar-2020	Vanguard Investments Australia Ltd.	Buy	70.97	Ordinary	5,550	5,550
13-Mar-2020	Vanguard Investments Australia Ltd.	Buy	70.97	Ordinary	11,739	11,739
16-Mar-2020	Vanguard Investments Australia Ltd.	Buy	64.76	Ordinary	6,475	6,475
17-Mar-2020	Vanguard Investments Australia Ltd.	Buy	67.29	Ordinary	817	817
17-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.93	Ordinary	4,600	4,600
18-Mar-2020	Vanguard Investments Australia Ltd.	Buy	69.45	Ordinary	5,520	5,520
18-Mar-2020	Vanguard Investments Australia Ltd.	Buy	69.45	Ordinary	7,800	7,800
19-Mar-2020	Vanguard Investments Australia Ltd.	Sell	71.00	Ordinary	(688)	(688)
19-Mar-2020	Vanguard Investments Australia Ltd.	Buy	71.00	Ordinary	4,209	4,209
20-Mar-2020	Vanguard Investments Australia Ltd.	Sell	72.14	Ordinary	(908)	(908)
20-Mar-2020	Vanguard Investments Australia Ltd.	Sell	72.14	Ordinary	(676)	(676)
20-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.14	Ordinary	5,673	5,673
23-Mar-2020	Vanguard Investments Australia Ltd.	Buy	69.29	Ordinary	2,548	2,548
26-Mar-2020	Vanguard Investments Australia Ltd.	Buy	71.30	Ordinary	2,730	2,730
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	4,034	4,034
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.21	Ordinary	7	7
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	1,060	1,060
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.21	Ordinary	2	2
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	6,445	6,445
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.21	Ordinary	11	11
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	2,233	2,233
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.21	Ordinary	4	4
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	281	281
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	7,620	7,620
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.21	Ordinary	14	14
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.53	Ordinary	4,550	4,550
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	72.82	Ordinary	4,407	4,407
27-Mar-2020	Vanguard Investments Australia Ltd.	Buy	73.21	Ordinary	8	8
27-Mar-2020	Vanguard Investments Australia Ltd.	Sell	72.53	Ordinary	(4,914)	(4,914)
31-Mar-2020	Vanguard Investments Australia Ltd.	Sell	77.09	Ordinary	(18,297)	(18,297)
31-Mar-2020	Vanguard Investments Australia Ltd.	Buy	77.09	Ordinary	3,640	3,640
1-Apr-2020	Vanguard Investments Australia Ltd.	Buy	80.50	Ordinary	2,327	2,327
2-Apr-2020	Vanguard Investments Australia Ltd.	Buy	77.63	Ordinary	2,685	2,685
3-Apr-2020	Vanguard Investments Australia Ltd.	Sell	77.66	Ordinary	(625)	(625)
3-Apr-2020	Vanguard Investments Australia Ltd.	Sell	77.66	Ordinary	(1,254)	(1,254)
3-Apr-2020	Vanguard Investments Australia Ltd.	Buy	77.66	Ordinary	1,456	1,456
7-Apr-2020	Vanguard Investments Australia Ltd.	Buy	77.51	Ordinary	733	733
7-Apr-2020	Vanguard Investments Australia Ltd.	Buy	77.51	Ordinary	6,230	6,230
9-Apr-2020	Vanguard Investments Australia Ltd.	Sell	79.54	Ordinary	(10,854)	(10,854)
9-Apr-2020	Vanguard Investments Australia Ltd.	Buy	79.54	Ordinary	6,052	6,052
14-Apr-2020	Vanguard Investments Australia Ltd.	Sell	79.29	Ordinary	(9,773)	(9,773)
15-Apr-2020	Vanguard Investments Australia Ltd.	Buy	80.77	Ordinary	3,560	3,560
21-Apr-2020	Vanguard Investments Australia Ltd.	Buy	82.56	Ordinary	650	650

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21-Apr-2020	Vanguard Investments Australia Ltd.	Buy	81.50	Ordinary	3,560	3,560
21-Apr-2020	Vanguard Investments Australia Ltd.	Buy	81.50	Ordinary	3,026	3,026
22-Apr-2020	Vanguard Investments Australia Ltd.	Sell	82.17	Ordinary	(21,027)	(21,027)
23-Apr-2020	Vanguard Investments Australia Ltd.	Sell	82.02	Ordinary	(22,355)	(22,355)
23-Apr-2020	Vanguard Investments Australia Ltd.	Buy	82.02	Ordinary	2,670	2,670
24-Apr-2020	Vanguard Investments Australia Ltd.	Sell	81.49	Ordinary	(2,438)	(2,438)
28-Apr-2020	Vanguard Investments Australia Ltd.	Sell	83.00	Ordinary	(838)	(838)
28-Apr-2020	Vanguard Investments Australia Ltd.	Sell	83.00	Ordinary	(794)	(794)
28-Apr-2020	Vanguard Investments Australia Ltd.	Buy	83.00	Ordinary	3,204	3,204
30-Apr-2020	Vanguard Investments Australia Ltd.	Sell	81.55	Ordinary	(1,272)	(1,272)
1-May-2020	Vanguard Investments Australia Ltd.	Sell	79.77	Ordinary	(1,557)	(1,557)
1-May-2020	Vanguard Investments Australia Ltd.	Buy	79.77	Ordinary	2,670	2,670
1-May-2020	Vanguard Investments Australia Ltd.	Buy	79.77	Ordinary	3,560	3,560
4-May-2020	Vanguard Investments Australia Ltd.	Buy	82.50	Ordinary	5,012	5,012
5-May-2020	Vanguard Investments Australia Ltd.	Sell	83.46	Ordinary	(357)	(357)
5-May-2020	Vanguard Investments Australia Ltd.	Sell	83.46	Ordinary	(1,583)	(1,583)
5-May-2020	Vanguard Investments Australia Ltd.	Sell	83.46	Ordinary	(229)	(229)
8-May-2020	Vanguard Investments Australia Ltd.	Buy	82.30	Ordinary	178	178
12-May-2020	Vanguard Investments Australia Ltd.	Buy	83.42	Ordinary	2,492	2,492
13-May-2020	Vanguard Investments Australia Ltd.	Buy	83.51	Ordinary	2,670	2,670
19-May-2020	Vanguard Investments Australia Ltd.	Buy	83.08	Ordinary	3,560	3,560
20-May-2020	Vanguard Investments Australia Ltd.	Buy	84.50	Ordinary	2,848	2,848
22-May-2020	Vanguard Investments Australia Ltd.	Buy	84.11	Ordinary	2,136	2,136
25-May-2020	Vanguard Investments Australia Ltd.	Buy	85.31	Ordinary	1,780	1,780
26-May-2020	Vanguard Investments Australia Ltd.	Sell	87.04	Ordinary	(1,241)	(1,241)
26-May-2020	Vanguard Investments Australia Ltd.	Buy	87.04	Ordinary	21,866	21,866
26-May-2020	Vanguard Investments Australia Ltd.	Buy	87.04	Ordinary	2,670	2,670
27-May-2020	Vanguard Investments Australia Ltd.	Buy	86.81	Ordinary	21,293	21,293
28-May-2020	Vanguard Investments Australia Ltd.	Sell	88.59	Ordinary	(142)	(142)
28-May-2020	Vanguard Investments Australia Ltd.	Sell	88.59	Ordinary	(3,358)	(3,358)
29-May-2020	Vanguard Investments Australia Ltd.	Sell	88.18	Ordinary	(800)	(800)
29-May-2020	Vanguard Investments Australia Ltd.	Buy	88.18	Ordinary	2,655	2,655
4-Jun-2020	Vanguard Investments Australia Ltd.	Sell	88.70	Ordinary	(7,011)	(7,011)
5-Jun-2020	Vanguard Investments Australia Ltd.	Buy	87.03	Ordinary	2,655	2,655
5-Jun-2020	Vanguard Investments Australia Ltd.	Buy	87.03	Ordinary	2,124	2,124
5-Jun-2020	Vanguard Investments Australia Ltd.	Sell	87.03	Ordinary	(3,455)	(3,455)
9-Jun-2020	Vanguard Investments Australia Ltd.	Sell	86.46	Ordinary	(691)	(691)
9-Jun-2020	Vanguard Investments Australia Ltd.	Buy	88.42	Ordinary	1,309	1,309
10-Jun-2020	Vanguard Investments Australia Ltd.	Sell	86.70	Ordinary	(4,941)	(4,941)
11-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.89	Ordinary	(316)	(316)
11-Jun-2020	Vanguard Investments Australia Ltd.	Buy	85.89	Ordinary	2,655	2,655
15-Jun-2020	Vanguard Investments Australia Ltd.	Buy	82.83	Ordinary	3,540	3,540
16-Jun-2020	Vanguard Investments Australia Ltd.	Buy	86.30	Ordinary	1,770	1,770
17-Jun-2020	Vanguard Investments Australia Ltd.	Buy	84.73	Ordinary	2,655	2,655
19-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.84	Ordinary	(4,422)	(4,422)
19-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.84	Ordinary	(649)	(649)
19-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.84	Ordinary	(61)	(61)
19-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.84	Ordinary	(1,699)	(1,699)
19-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.84	Ordinary	(1,309)	(1,309)
19-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.84	Ordinary	(3,432)	(3,432)
19-Jun-2020	Vanguard Investments Australia Ltd.	Buy	85.88	Ordinary	354	354
23-Jun-2020	Vanguard Investments Australia Ltd.	Sell	84.96	Ordinary	(2,924)	(2,924)
24-Jun-2020	Vanguard Investments Australia Ltd.	Sell	85.01	Ordinary	(942)	(942)
24-Jun-2020	Vanguard Investments Australia Ltd.	Buy	85.01	Ordinary	877	877
25-Jun-2020	Vanguard Investments Australia Ltd.	Buy	83.56	Ordinary	3,956	3,956

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
26-Jun-2020	Vanguard Investments Australia Ltd.	Sell	84.73	Ordinary	(1,197)	(1,197)
26-Jun-2020	Vanguard Investments Australia Ltd.	Sell	84.73	Ordinary	(395)	(395)
26-Jun-2020	Vanguard Investments Australia Ltd.	Sell	84.73	Ordinary	(1,315)	(1,315)
3-Jul-2020	Vanguard Investments Australia Ltd.	Sell	87.59	Ordinary	(1,236)	(1,236)
7-Jul-2020	Vanguard Investments Australia Ltd.	Sell	86.45	Ordinary	(2,060)	(2,060)
8-Jul-2020	Vanguard Investments Australia Ltd.	Sell	85.33	Ordinary	(124,836)	(124,836)
8-Jul-2020	Vanguard Investments Australia Ltd.	Buy	85.33	Ordinary	17,292	17,292
8-Jul-2020	Vanguard Investments Australia Ltd.	Sell	85.33	Ordinary	(17,292)	(17,292)
16-Jul-2020	Vanguard Investments Australia Ltd.	Sell	84.27	Ordinary	(1,530)	(1,530)
17-Jul-2020	Vanguard Investments Australia Ltd.	Sell	84.04	Ordinary	(5,464)	(5,464)
28-Jul-2020	Vanguard Investments Australia Ltd.	Buy	83.15	Ordinary	1,365	1,365
30-Jul-2020	Vanguard Investments Australia Ltd.	Buy	84.51	Ordinary	2,184	2,184
5-Aug-2020	Vanguard Investments Australia Ltd.	Sell	83.50	Ordinary	(1,991)	(1,991)
5-Aug-2020	Vanguard Investments Australia Ltd.	Buy	83.50	Ordinary	2,520	2,520
7-Aug-2020	Vanguard Investments Australia Ltd.	Buy	83.37	Ordinary	3,360	3,360
12-Aug-2020	Vanguard Investments Australia Ltd.	Sell	84.33	Ordinary	(317)	(317)
12-Aug-2020	Vanguard Investments Australia Ltd.	Sell	84.33	Ordinary	(13,138)	(13,138)
12-Aug-2020	Vanguard Investments Australia Ltd.	Buy	84.33	Ordinary	2,681	2,681
12-Aug-2020	Vanguard Investments Australia Ltd.	Buy	84.33	Ordinary	13,138	13,138
25-Aug-2020	Vanguard Investments Australia Ltd.	Buy	89.13	Ordinary	2,520	2,520
1-Sep-2020	Vanguard Investments Australia Ltd.	Buy	87.13	Ordinary	2,688	2,688
1-Sep-2020	Vanguard Investments Australia Ltd.	Buy	87.13	Ordinary	284	284
2-Sep-2020	Vanguard Investments Australia Ltd.	Sell	89.66	Ordinary	(4,589)	(4,589)
2-Sep-2020	Vanguard Investments Australia Ltd.	Sell	89.66	Ordinary	(5,474)	(5,474)
4-Sep-2020	Vanguard Investments Australia Ltd.	Buy	85.90	Ordinary	476	476
7-Sep-2020	Vanguard Investments Australia Ltd.	Buy	84.38	Ordinary	2,184	2,184
8-Sep-2020	Vanguard Investments Australia Ltd.	Buy	84.83	Ordinary	633	633
9-Sep-2020	Vanguard Investments Australia Ltd.	Buy	82.47	Ordinary	3,024	3,024
10-Sep-2020	Vanguard Investments Australia Ltd.	Buy	83.30	Ordinary	173	173
16-Sep-2020	Vanguard Investments Australia Ltd.	Buy	82.61	Ordinary	845	845
18-Sep-2020	Vanguard Investments Australia Ltd.	Sell	80.90	Ordinary	(1,710)	(1,710)
18-Sep-2020	Vanguard Investments Australia Ltd.	Sell	80.90	Ordinary	(387)	(387)
18-Sep-2020	Vanguard Investments Australia Ltd.	Sell	80.90	Ordinary	(1,211)	(1,211)
18-Sep-2020	Vanguard Investments Australia Ltd.	Sell	80.90	Ordinary	(535)	(535)
18-Sep-2020	Vanguard Investments Australia Ltd.	Sell	80.90	Ordinary	(2,422)	(2,422)
18-Sep-2020	Vanguard Investments Australia Ltd.	Buy	80.88	Ordinary	1,352	1,352
18-Sep-2020	Vanguard Investments Australia Ltd.	Buy	80.88	Ordinary	845	845
21-Sep-2020	Vanguard Investments Australia Ltd.	Buy	80.93	Ordinary	498	498
24-Sep-2020	Vanguard Investments Australia Ltd.	Buy	84.19	Ordinary	795	795
25-Sep-2020	Vanguard Investments Australia Ltd.	Buy	84.56	Ordinary	1,670	1,670
29-Sep-2020	Vanguard Investments Australia Ltd.	Buy	84.02	Ordinary	501	501
30-Sep-2020	Vanguard Investments Australia Ltd.	Buy	81.02	Ordinary	1,660	1,660
2-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.67	Ordinary	3,462	3,462
5-Oct-2020	Vanguard Investments Australia Ltd.	Buy	81.35	Ordinary	2,460	2,460
6-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.49	Ordinary	607	607
6-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.49	Ordinary	1,032	1,032
6-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.49	Ordinary	349	349
6-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.39	Ordinary	1,640	1,640
6-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.49	Ordinary	244	244
12-Oct-2020	Vanguard Investments Australia Ltd.	Buy	82.31	Ordinary	258	258
13-Oct-2020	Vanguard Investments Australia Ltd.	Buy	83.13	Ordinary	1,650	1,650
19-Oct-2020	Vanguard Investments Australia Ltd.	Sell	83.97	Ordinary	(356)	(356)
19-Oct-2020	Vanguard Investments Australia Ltd.	Sell	83.97	Ordinary	(11,451)	(11,451)
20-Oct-2020	Vanguard Investments Australia Ltd.	Buy	82.75	Ordinary	9,405	9,405
23-Oct-2020	Vanguard Investments Australia Ltd.	Buy	81.32	Ordinary	1,640	1,640

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27-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.53	Ordinary	17,452	17,452
28-Oct-2020	Vanguard Investments Australia Ltd.	Sell	82.40	Ordinary	(3,406)	(3,406)
28-Oct-2020	Vanguard Investments Australia Ltd.	Sell	82.40	Ordinary	(2,316)	(2,316)
28-Oct-2020	Vanguard Investments Australia Ltd.	Buy	82.40	Ordinary	1,640	1,640
29-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.82	Ordinary	3,377	3,377
29-Oct-2020	Vanguard Investments Australia Ltd.	Buy	80.82	Ordinary	1,310	1,310
30-Oct-2020	Vanguard Investments Australia Ltd.	Buy	79.78	Ordinary	5,689	5,689
30-Oct-2020	Vanguard Investments Australia Ltd.	Buy	79.78	Ordinary	2,732	2,732
30-Oct-2020	Vanguard Investments Australia Ltd.	Sell	79.63	Ordinary	(683)	(683)
30-Oct-2020	Vanguard Investments Australia Ltd.	Buy	79.63	Ordinary	4,100	4,100
3-Nov-2020	Vanguard Investments Australia Ltd.	Buy	80.40	Ordinary	1,650	1,650
4-Nov-2020	Vanguard Investments Australia Ltd.	Buy	80.27	Ordinary	2,475	2,475
4-Nov-2020	Vanguard Investments Australia Ltd.	Buy	80.27	Ordinary	368	368
5-Nov-2020	Vanguard Investments Australia Ltd.	Buy	81.28	Ordinary	730	730
5-Nov-2020	Vanguard Investments Australia Ltd.	Buy	81.61	Ordinary	330	330
9-Nov-2020	Vanguard Investments Australia Ltd.	Sell	82.93	Ordinary	(1,223)	(1,223)
10-Nov-2020	Vanguard Investments Australia Ltd.	Buy	81.17	Ordinary	2,805	2,805
10-Nov-2020	Vanguard Investments Australia Ltd.	Sell	81.17	Ordinary	(1,994)	(1,994)
11-Nov-2020	Vanguard Investments Australia Ltd.	Sell	82.40	Ordinary	(4,620)	(4,620)
13-Nov-2020	Vanguard Investments Australia Ltd.	Buy	81.85	Ordinary	8,692	8,692
13-Nov-2020	Vanguard Investments Australia Ltd.	Buy	81.85	Ordinary	2,788	2,788
17-Nov-2020	Vanguard Investments Australia Ltd.	Buy	81.19	Ordinary	1,640	1,640
17-Nov-2020	Vanguard Investments Australia Ltd.	Sell	81.19	Ordinary	(3,036)	(3,036)
20-Nov-2020	Vanguard Investments Australia Ltd.	Buy	80.00	Ordinary	262	262
20-Nov-2020	Vanguard Investments Australia Ltd.	Buy	80.00	Ordinary	524	524
23-Nov-2020	Vanguard Investments Australia Ltd.	Sell	79.28	Ordinary	(4,762)	(4,762)
23-Nov-2020	Vanguard Investments Australia Ltd.	Buy	79.28	Ordinary	1,956	1,956
25-Nov-2020	Vanguard Investments Australia Ltd.	Buy	77.31	Ordinary	4,727	4,727
26-Nov-2020	Vanguard Investments Australia Ltd.	Sell	77.46	Ordinary	(6,394)	(6,394)
26-Nov-2020	Vanguard Investments Australia Ltd.	Buy	77.46	Ordinary	21,138	21,138
30-Nov-2020	Vanguard Investments Australia Ltd.	Sell	77.08	Ordinary	(1,902)	(1,902)
1-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.20	Ordinary	2,445	2,445
2-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.52	Ordinary	2,624	2,624
3-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.94	Ordinary	30,875	30,875
3-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.94	Ordinary	131	131
3-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.94	Ordinary	339	339
4-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.64	Ordinary	1,630	1,630
9-Dec-2020	Vanguard Investments Australia Ltd.	Buy	77.51	Ordinary	102	102
11-Dec-2020	Vanguard Investments Australia Ltd.	Buy	74.89	Ordinary	2,093	2,093
11-Dec-2020	Vanguard Investments Australia Ltd.	Buy	74.89	Ordinary	393	393
15-Dec-2020	Vanguard Investments Australia Ltd.	Buy	75.25	Ordinary	1,600	1,600
16-Dec-2020	Vanguard Investments Australia Ltd.	Buy	75.10	Ordinary	1,600	1,600
17-Dec-2020	Vanguard Investments Australia Ltd.	Buy	75.35	Ordinary	2,080	2,080
18-Dec-2020	Vanguard Investments Australia Ltd.	Sell	74.23	Ordinary	(234)	(234)
22-Dec-2020	Vanguard Investments Australia Ltd.	Buy	73.50	Ordinary	3,160	3,160
4-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.60	Ordinary	1,560	1,560
4-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.60	Ordinary	7,500	7,500
5-Jan-2021	Vanguard Investments Australia Ltd.	Sell	72.15	Ordinary	(601)	(601)
6-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.23	Ordinary	1,872	1,872
12-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.58	Ordinary	394	394
14-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.50	Ordinary	2,480	2,480
15-Jan-2021	Vanguard Investments Australia Ltd.	Sell	70.84	Ordinary	(90)	(90)
19-Jan-2021	Vanguard Investments Australia Ltd.	Buy	71.75	Ordinary	765	765
20-Jan-2021	Vanguard Investments Australia Ltd.	Buy	71.98	Ordinary	256	256
21-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.49	Ordinary	533	533


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25-Jan-2021	Vanguard Investments Australia Ltd.	Sell	71.73	Ordinary	(2,659)	(2,659)
27-Jan-2021	Vanguard Investments Australia Ltd.	Buy	72.66	Ordinary	3,665	3,665
28-Jan-2021	Vanguard Investments Australia Ltd.	Buy	71.38	Ordinary	1,989	1,989
28-Jan-2021	Vanguard Investments Australia Ltd.	Buy	71.38	Ordinary	7,985	7,985
2-Feb-2021	Vanguard Investments Australia Ltd.	Buy	72.23	Ordinary	2,156	2,156
3-Feb-2021	Vanguard Investments Australia Ltd.	Buy	72.90	Ordinary	256	256
5-Feb-2021	Vanguard Investments Australia Ltd.	Buy	71.70	Ordinary	471	471
5-Feb-2021	Vanguard Investments Australia Ltd.	Buy	71.70	Ordinary	728	728
10-Feb-2021	Vanguard Investments Australia Ltd.	Buy	71.30	Ordinary	2,028	2,028
11-Feb-2021	Vanguard Investments Australia Ltd.	Buy	70.05	Ordinary	1,092	1,092
12-Feb-2021	Vanguard Investments Australia Ltd.	Buy	70.42	Ordinary	4,902	4,902
16-Feb-2021	Vanguard Investments Australia Ltd.	Sell	70.89	Ordinary	(1,005)	(1,005)
16-Feb-2021	Vanguard Investments Australia Ltd.	Buy	70.89	Ordinary	299	299
19-Feb-2021	Vanguard Investments Australia Ltd.	Buy	69.13	Ordinary	1,462	1,462
22-Feb-2021	Vanguard Investments Australia Ltd.	Sell	68.12	Ordinary	(45,098)	(45,098)
22-Feb-2021	Vanguard Investments Australia Ltd.	Buy	68.12	Ordinary	1,560	1,560
23-Feb-2021	Vanguard Investments Australia Ltd.	Buy	67.99	Ordinary	216	216
26-Feb-2021	Vanguard Investments Australia Ltd.	Sell	67.70	Ordinary	(970)	(970)
26-Feb-2021	Vanguard Investments Australia Ltd.	Sell	67.60	Ordinary	(2,453)	(2,453)
26-Feb-2021	Vanguard Investments Australia Ltd.	Buy	67.60	Ordinary	1,550	1,550
26-Feb-2021	Vanguard Investments Australia Ltd.	Buy	67.60	Ordinary	5,823	5,823
3-Mar-2021	Vanguard Investments Australia Ltd.	Buy	68.60	Ordinary	3,120	3,120
3-Mar-2021	Vanguard Investments Australia Ltd.	Buy	68.60	Ordinary	407	407
5-Mar-2021	Vanguard Investments Australia Ltd.	Buy	68.80	Ordinary	1,550	1,550
8-Mar-2021	Vanguard Investments Australia Ltd.	Sell	69.73	Ordinary	(1,747)	(1,747)
8-Mar-2021	Vanguard Investments Australia Ltd.	Buy	69.73	Ordinary	387	387
9-Mar-2021	Vanguard Investments Australia Ltd.	Sell	69.18	Ordinary	(1,597)	(1,597)
9-Mar-2021	Vanguard Investments Australia Ltd.	Buy	69.18	Ordinary	471	471
10-Mar-2021	Vanguard Investments Australia Ltd.	Sell	68.99	Ordinary	(1,657)	(1,657)
10-Mar-2021	Vanguard Investments Australia Ltd.	Buy	68.99	Ordinary	1,884	1,884
17-Mar-2021	Vanguard Investments Australia Ltd.	Buy	70.30	Ordinary	1,530	1,530
19-Mar-2021	Vanguard Investments Australia Ltd.	Sell	70.84	Ordinary	(1,651)	(1,651)
30-Mar-2021	Vanguard Investments Australia Ltd.	Buy	70.52	Ordinary	1,639	1,639
30-Mar-2021	Vanguard Investments Australia Ltd.	Buy	70.52	Ordinary	1,937	1,937
31-Mar-2021	Vanguard Investments Australia Ltd.	Sell	71.05	Ordinary	(11,332)	(11,332)
31-Mar-2021	Vanguard Investments Australia Ltd.	Buy	71.05	Ordinary	260	260
1-Apr-2021	Vanguard Investments Australia Ltd.	In Specie	71.07	Ordinary	(346,553)	(346,553)
6-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.05	Ordinary	298	298
6-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.05	Ordinary	4,818	4,818
6-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.05	Ordinary	444	444
7-Apr-2021	Vanguard Investments Australia Ltd.	Buy	71.69	Ordinary	1,810	1,810
7-Apr-2021	Vanguard Investments Australia Ltd.	Buy	71.64	Ordinary	1,776	1,776
8-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.36	Ordinary	812	812
9-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.78	Ordinary	3,234	3,234
9-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.78	Ordinary	1,764	1,764
9-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.78	Ordinary	1,290	1,290
9-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.78	Ordinary	387	387
14-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.68	Ordinary	128	128
14-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.68	Ordinary	256	256
14-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.68	Ordinary	384	384
19-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.13	Ordinary	1,853	1,853
20-Apr-2021	Vanguard Investments Australia Ltd.	Buy	71.18	Ordinary	2,920	2,920
21-Apr-2021	Vanguard Investments Australia Ltd.	Buy	71.44	Ordinary	6,613	6,613
27-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.44	Ordinary	6,082	6,082
27-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.42	Ordinary	166	166

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28-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.86	Ordinary	3,328	3,328
28-Apr-2021	Vanguard Investments Australia Ltd.	Buy	72.86	Ordinary	338	338
29-Apr-2021	Vanguard Investments Australia Ltd.	Buy	73.25	Ordinary	1,617	1,617
29-Apr-2021	Vanguard Investments Australia Ltd.	Buy	73.25	Ordinary	512	512
3-May-2021	Vanguard Investments Australia Ltd.	Buy	72.51	Ordinary	1,470	1,470
3-May-2021	Vanguard Investments Australia Ltd.	Buy	72.51	Ordinary	384	384
5-May-2021	Vanguard Investments Australia Ltd.	Buy	72.84	Ordinary	393	393
6-May-2021	Vanguard Investments Australia Ltd.	Buy	71.89	Ordinary	2,205	2,205
6-May-2021	Vanguard Investments Australia Ltd.	Buy	71.94	Ordinary	678	678
7-May-2021	Vanguard Investments Australia Ltd.	Buy	71.90	Ordinary	10,987	10,987
7-May-2021	Vanguard Investments Australia Ltd.	Buy	71.90	Ordinary	128	128
10-May-2021	Vanguard Investments Australia Ltd.	Buy	71.92	Ordinary	129	129
13-May-2021	Vanguard Investments Australia Ltd.	Buy	72.38	Ordinary	2,025	2,025
13-May-2021	Vanguard Investments Australia Ltd.	Buy	72.38	Ordinary	3,508	3,508
13-May-2021	Vanguard Investments Australia Ltd.	Buy	72.38	Ordinary	387	387
13-May-2021	Vanguard Investments Australia Ltd.	Buy	72.38	Ordinary	258	258
14-May-2021	Vanguard Investments Australia Ltd.	Buy	74.51	Ordinary	2,058	2,058
17-May-2021	Vanguard Investments Australia Ltd.	Sell	73.86	Ordinary	(4,270)	(4,270)
17-May-2021	Vanguard Investments Australia Ltd.	Buy	73.86	Ordinary	1,776	1,776
17-May-2021	Vanguard Investments Australia Ltd.	Buy	73.86	Ordinary	4,026	4,026
18-May-2021	Vanguard Investments Australia Ltd.	Buy	73.72	Ordinary	1,935	1,935
19-May-2021	Vanguard Investments Australia Ltd.	Buy	72.60	Ordinary	1,924	1,924
20-May-2021	Vanguard Investments Australia Ltd.	In Specie	73.45	Ordinary	(695,266)	(695,266)
20-May-2021	Vanguard Investments Australia Ltd.	In Specie	73.45	Ordinary	(5,948)	(5,948)
20-May-2021	Vanguard Investments Australia Ltd.	Buy	73.45	Ordinary	387	387
20-May-2021	Vanguard Investments Australia Ltd.	Buy	73.45	Ordinary	690	690
21-May-2021	Vanguard Investments Australia Ltd.	Buy	74.47	Ordinary	2,960	2,960
21-May-2021	Vanguard Investments Australia Ltd.	Buy	74.47	Ordinary	129	129
21-May-2021	Vanguard Investments Australia Ltd.	Buy	74.47	Ordinary	903	903
25-May-2021	Vanguard Investments Australia Ltd.	Buy	75.59	Ordinary	1,800	1,800
26-May-2021	Vanguard Investments Australia Ltd.	Buy	75.55	Ordinary	129	129
27-May-2021	Vanguard Investments Australia Ltd.	Sell	76.06	Ordinary	(1,182)	(1,182)
2-Jun-2021	Vanguard Investments Australia Ltd.	Buy	76.40	Ordinary	1,319	1,319
3-Jun-2021	Vanguard Investments Australia Ltd.	Buy	77.05	Ordinary	129	129
4-Jun-2021	Vanguard Investments Australia Ltd.	Buy	76.79	Ordinary	1,108	1,108
4-Jun-2021	Vanguard Investments Australia Ltd.	Buy	76.79	Ordinary	2,283	2,283
8-Jun-2021	Vanguard Investments Australia Ltd.	Buy	74.51	Ordinary	1,812	1,812
9-Jun-2021	Vanguard Investments Australia Ltd.	Buy	74.11	Ordinary	1,824	1,824
15-Jun-2021	Vanguard Investments Australia Ltd.	Buy	75.46	Ordinary	129	129
18-Jun-2021	Vanguard Investments Australia Ltd.	Sell	76.07	Ordinary	(1,898)	(1,898)
18-Jun-2021	Vanguard Investments Australia Ltd.	Buy	76.00	Ordinary	522	522
22-Jun-2021	Vanguard Investments Australia Ltd.	Buy	77.79	Ordinary	636	636
22-Jun-2021	Vanguard Investments Australia Ltd.	Buy	77.79	Ordinary	1,590	1,590
23-Jun-2021	Vanguard Investments Australia Ltd.	In Specie	78.41	Ordinary	(337,977)	(337,977)
23-Jun-2021	Vanguard Investments Australia Ltd.	In Specie	78.41	Ordinary	(138,681)	(138,681)
23-Jun-2021	Vanguard Investments Australia Ltd.	Buy	78.41	Ordinary	260	260
24-Jun-2021	Vanguard Investments Australia Ltd.	Buy	78.53	Ordinary	260	260
24-Jun-2021	Vanguard Investments Australia Ltd.	Buy	78.53	Ordinary	839	839
29-Jun-2021	Vanguard Investments Australia Ltd.	Buy	77.69	Ordinary	1,920	1,920
1-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.24	Ordinary	663	663
2-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.35	Ordinary	795	795
2-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.35	Ordinary	390	390
6-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.50	Ordinary	7,125	7,125
7-Jul-2021	Vanguard Investments Australia Ltd.	Buy	76.14	Ordinary	2,212	2,212
9-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.54	Ordinary	2,703	2,703

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.54	Ordinary	2,226	2,226
12-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.18	Ordinary	8,731	8,731
12-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.18	Ordinary	1,018	1,018
13-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.44	Ordinary	524	524
13-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.44	Ordinary	1,048	1,048
15-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.63	Ordinary	9,417	9,417
15-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.63	Ordinary	5,147	5,147
15-Jul-2021	Vanguard Investments Australia Ltd.	Buy	75.63	Ordinary	128	128
19-Jul-2021	Vanguard Investments Australia Ltd.	Sell	76.73	Ordinary	(787)	(787)
19-Jul-2021	Vanguard Investments Australia Ltd.	Buy	76.73	Ordinary	795	795
20-Jul-2021	Vanguard Investments Australia Ltd.	Buy	76.73	Ordinary	1,908	1,908
22-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.33	Ordinary	10,585	10,585
22-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.33	Ordinary	889	889
23-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.67	Ordinary	1,920	1,920
26-Jul-2021	Vanguard Investments Australia Ltd.	Sell	78.14	Ordinary	(2,214)	(2,214)
29-Jul-2021	Vanguard Investments Australia Ltd.	Buy	77.44	Ordinary	131	131
30-Jul-2021	Vanguard Investments Australia Ltd.	Buy	76.89	Ordinary	163	163
3-Aug-2021	Vanguard Investments Australia Ltd.	Buy	78.95	Ordinary	2,198	2,198
5-Aug-2021	Vanguard Investments Australia Ltd.	Buy	80.75	Ordinary	393	393
6-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.50	Ordinary	867	867
6-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.50	Ordinary	3,614	3,614
6-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.50	Ordinary	524	524
9-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.58	Ordinary	1,896	1,896
10-Aug-2021	Vanguard Investments Australia Ltd.	Buy	80.96	Ordinary	271	271
11-Aug-2021	Vanguard Investments Australia Ltd.	Sell	80.80	Ordinary	(1,462)	(1,462)
12-Aug-2021	Vanguard Investments Australia Ltd.	Buy	80.25	Ordinary	3,581	3,581
12-Aug-2021	Vanguard Investments Australia Ltd.	Buy	80.25	Ordinary	14,695	14,695
16-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.27	Ordinary	3,240	3,240
18-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.64	Ordinary	3,260	3,260
18-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.64	Ordinary	1,304	1,304
18-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.64	Ordinary	393	393
18-Aug-2021	Vanguard Investments Australia Ltd.	Buy	81.64	Ordinary	420	420
19-Aug-2021	Vanguard Investments Australia Ltd.	Buy	83.53	Ordinary	2,119	2,119
19-Aug-2021	Vanguard Investments Australia Ltd.	Buy	83.53	Ordinary	19,486	19,486
20-Aug-2021	Vanguard Investments Australia Ltd.	Buy	85.91	Ordinary	820	820
23-Aug-2021	Vanguard Investments Australia Ltd.	Buy	88.50	Ordinary	262	262
23-Aug-2021	Vanguard Investments Australia Ltd.	Buy	88.50	Ordinary	186	186
25-Aug-2021	Vanguard Investments Australia Ltd.	Sell	86.75	Ordinary	(399)	(399)
25-Aug-2021	Vanguard Investments Australia Ltd.	Buy	86.75	Ordinary	2,158	2,158
25-Aug-2021	Vanguard Investments Australia Ltd.	Buy	86.75	Ordinary	353	353
26-Aug-2021	Vanguard Investments Australia Ltd.	Buy	87.68	Ordinary	1,660	1,660
30-Aug-2021	Vanguard Investments Australia Ltd.	Buy	87.72	Ordinary	2,338	2,338
30-Aug-2021	Vanguard Investments Australia Ltd.	Buy	87.72	Ordinary	396	396
31-Aug-2021	Vanguard Investments Australia Ltd.	Buy	87.77	Ordinary	414	414
1-Sep-2021	Vanguard Investments Australia Ltd.	Buy	87.05	Ordinary	729	729
1-Sep-2021	Vanguard Investments Australia Ltd.	Buy	87.05	Ordinary	212	212
2-Sep-2021	Vanguard Investments Australia Ltd.	Buy	86.64	Ordinary	2,688	2,688
2-Sep-2021	Vanguard Investments Australia Ltd.	Buy	86.64	Ordinary	7,930	7,930
2-Sep-2021	Vanguard Investments Australia Ltd.	Buy	86.64	Ordinary	396	396
3-Sep-2021	Vanguard Investments Australia Ltd.	Buy	86.96	Ordinary	528	528
6-Sep-2021	Vanguard Investments Australia Ltd.	Buy	85.38	Ordinary	2,028	2,028
8-Sep-2021	Vanguard Investments Australia Ltd.	Buy	84.18	Ordinary	5,184	5,184
9-Sep-2021	Vanguard Investments Australia Ltd.	Sell	82.86	Ordinary	(206)	(206)
9-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.86	Ordinary	2,366	2,366
9-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.86	Ordinary	2,979	2,979

Date of change	Person whose relevant interest changed	Nature of Change(6)	Consideration given in relation to change(7)	Class	Number of securities affected	Person's votes affected
9-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.86	Ordinary	318	318
10-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.94	Ordinary	678	678
15-Sep-2021	Vanguard Investments Australia Ltd.	Sell	84.27	Ordinary	(1,075)	(1,075)
15-Sep-2021	Vanguard Investments Australia Ltd.	Buy	84.27	Ordinary	2,040	2,040
17-Sep-2021	Vanguard Investments Australia Ltd.	Buy	84.05	Ordinary	528	528
17-Sep-2021	Vanguard Investments Australia Ltd.	Buy	84.05	Ordinary	1,594	1,594
20-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.65	Ordinary	2,184	2,184
20-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.65	Ordinary	532	532
22-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.88	Ordinary	144	144
22-Sep-2021	Vanguard Investments Australia Ltd.	Buy	82.88	Ordinary	266	266
23-Sep-2021	Vanguard Investments Australia Ltd.	Buy	84.02	Ordinary	2,669	2,669
24-Sep-2021	Vanguard Investments Australia Ltd.	Buy	84.09	Ordinary	927	927
27-Sep-2021	Vanguard Investments Australia Ltd.	Buy	83.76	Ordinary	1,330	1,330
28-Sep-2021	Vanguard Investments Australia Ltd.	Buy	81.46	Ordinary	1,860	1,860
29-Sep-2021	Vanguard Investments Australia Ltd.	Buy	80.89	Ordinary	775	775
1-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.54	Ordinary	2,280	2,280
1-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.54	Ordinary	2,432	2,432
1-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.54	Ordinary	524	524
1-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.54	Ordinary	655	655
4-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.98	Ordinary	765	765
5-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.87	Ordinary	1,048	1,048
8-Oct-2021	Vanguard Investments Australia Ltd.	Buy	80.36	Ordinary	400	400
8-Oct-2021	Vanguard Investments Australia Ltd.	Buy	80.36	Ordinary	2,464	2,464
11-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.74	Ordinary	660	660
12-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.28	Ordinary	369	369
12-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.28	Ordinary	924	924
14-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.10	Ordinary	196	196
15-Oct-2021	Vanguard Investments Australia Ltd.	Buy	79.54	Ordinary	1,976	1,976
18-Oct-2021	Vanguard Investments Australia Ltd.	Sell	80.05	Ordinary	(2,500)	(2,500)
18-Oct-2021	Vanguard Investments Australia Ltd.	Buy	80.05	Ordinary	528	528
19-Oct-2021	Vanguard Investments Australia Ltd.	Buy	80.37	Ordinary	528	528
21-Oct-2021	Vanguard Investments Australia Ltd.	Buy	81.09	Ordinary	1,963	1,963
26-Oct-2021	Vanguard Investments Australia Ltd.	Buy	82.17	Ordinary	528	528
27-Oct-2021	Vanguard Investments Australia Ltd.	In Specie	83.81	Ordinary	(93,313)	(93,313)
28-Oct-2021	Vanguard Investments Australia Ltd.	Buy	84.31	Ordinary	8,216	8,216
29-Oct-2021	Vanguard Investments Australia Ltd.	Buy	83.02	Ordinary	2,280	2,280
29-Oct-2021	Vanguard Investments Australia Ltd.	Buy	83.02	Ordinary	528	528
1-Nov-2021	Vanguard Investments Australia Ltd.	Buy	85.03	Ordinary	760	760
1-Nov-2021	Vanguard Investments Australia Ltd.	Sell	83.95	Ordinary	(176)	(176)
2-Nov-2021	Vanguard Investments Australia Ltd.	Sell	85.65	Ordinary	(8,962)	(8,962)
3-Nov-2021	Vanguard Investments Australia Ltd.	Buy	88.11	Ordinary	377	377
4-Nov-2021	Vanguard Investments Australia Ltd.	Buy	89.53	Ordinary	1,836	1,836
5-Nov-2021	Vanguard Investments Australia Ltd.	In Specie	90.91	Ordinary	(910,359)	(910,359)
5-Nov-2021	Vanguard Investments Australia Ltd.	Buy	91.67	Ordinary	9,945	9,945
5-Nov-2021	Vanguard Investments Australia Ltd.	Buy	91.67	Ordinary	262	262
5-Nov-2021	Vanguard Investments Australia Ltd.	Buy	91.67	Ordinary	528	528

This is Annexure A of 42 pages referred to in Form 605, Notice of ceasing to be a substantial holder.

Signature: 

Name: Shawn Acker

Capacity: Compliance Manager

Date: 18 November 2021