

Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**

To Company Name/Scheme Westpac Banking Corporation
ACN/ARSN 007 457 141

1. Details of substantial holder (1)

Name Vanguard Group (The Vanguard Group, Inc. and its controlled entities including those listed in Annexure A)
ACN/ARSN (if applicable) N/A

There was a change in the interests of the substantial holder on 17 November 2020

The previous notice was given to the company on 19 July 2018

The previous notice was dated 19 July 2018

2. Previous and present voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary	171,757,716	5.001%	216,778,699	6.002%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate 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 (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
See Annexure A					

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Vanguard Group	Brown Brothers Harriman	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 9,914,535	9,914,535
Vanguard Group	BNY Mellon	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 10,382,502	10,382,502
Vanguard Group	Citibank	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 80,623	80,623
Vanguard Group	JP Morgan Chase Bank, N.A.	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 112,337,772	112,337,772
Vanguard Group	State Street Bank and Trust Company	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 26,338,700	26,338,700
Vanguard Group	Various others	Various funds and other accounts of Vanguard Group	Vanguard Group is the manager of various Mutual funds and accounts and in that capacity has the power to dispose of the shares. The other members of Vanguard Group have a relevant interest under section 608(3) of the Corporations Act.	Ordinary – 57,724,567	57,724,567

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) 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


6. 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 Keith Delgado capacity Compliance Manager

sign here  date 20 November 2020

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 6 of the form.
 - (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
 - (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
 - (4) The voting shares of a company constitute one class unless divided into separate classes.
 - (5) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
 - (6) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).
- See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (7) Details of the consideration must include any and all benefits, money and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.
 - (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown".
 - (9) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.

To Company
ACN/ARSN

Westpac Banking Corporation
007 457 141

Substantial Holder Name
ACN/ARSN

Vanguard Group
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
18-Jul-2018	The Vanguard Group, Inc.	BUY	29.65	Ordinary	58,788	58,788
19-Jul-2018	The Vanguard Group, Inc.	BUY	29.83	Ordinary	55,362	55,362
19-Jul-2018	The Vanguard Group, Inc.	BUY	29.70	Ordinary	1,230	1,230
20-Jul-2018	The Vanguard Group, Inc.	SELL	29.90	Ordinary	(15,461)	(15,461)
20-Jul-2018	The Vanguard Group, Inc.	BUY	29.87	Ordinary	41,260	41,260
20-Jul-2018	The Vanguard Group, Inc.	BUY	29.79	Ordinary	5,370	5,370
20-Jul-2018	The Vanguard Group, Inc.	BUY	29.90	Ordinary	22,125	22,125
23-Jul-2018	The Vanguard Group, Inc.	SELL	29.74	Ordinary	(9,705)	(9,705)
24-Jul-2018	The Vanguard Group, Inc.	SELL	29.71	Ordinary	(1,481)	(1,481)
24-Jul-2018	The Vanguard Group, Inc.	BUY	29.72	Ordinary	32,445	32,445
24-Jul-2018	The Vanguard Group, Inc.	BUY	29.55	Ordinary	1,230	1,230
25-Jul-2018	The Vanguard Group, Inc.	SELL	29.35	Ordinary	(6,470)	(6,470)
25-Jul-2018	The Vanguard Group, Inc.	SELL	29.35	Ordinary	(48,525)	(48,525)
25-Jul-2018	The Vanguard Group, Inc.	SELL	29.35	Ordinary	(9,705)	(9,705)
25-Jul-2018	The Vanguard Group, Inc.	SELL	29.26	Ordinary	(2,547)	(2,547)
25-Jul-2018	The Vanguard Group, Inc.	BUY	29.26	Ordinary	1,581	1,581
27-Jul-2018	The Vanguard Group, Inc.	BUY	29.45	Ordinary	25,427	25,427
27-Jul-2018	The Vanguard Group, Inc.	SELL	29.47	Ordinary	(18,190)	(18,190)
30-Jul-2018	The Vanguard Group, Inc.	SELL	29.37	Ordinary	(16,545)	(16,545)
31-Jul-2018	The Vanguard Group, Inc.	SELL	29.47	Ordinary	(4,265)	(4,265)
31-Jul-2018	The Vanguard Group, Inc.	BUY	29.56	Ordinary	62,625	62,625
1-Aug-2018	The Vanguard Group, Inc.	SELL	29.25	Ordinary	(947)	(947)
1-Aug-2018	The Vanguard Group, Inc.	BUY	29.23	Ordinary	123,239	123,239
1-Aug-2018	The Vanguard Group, Inc.	BUY	29.23	Ordinary	2,916	2,916
2-Aug-2018	The Vanguard Group, Inc.	SELL	29.25	Ordinary	(32,580)	(32,580)
2-Aug-2018	The Vanguard Group, Inc.	BUY	29.35	Ordinary	49,805	49,805
2-Aug-2018	The Vanguard Group, Inc.	BUY	29.19	Ordinary	214	214
2-Aug-2018	The Vanguard Group, Inc.	BUY	29.19	Ordinary	5,552	5,552
3-Aug-2018	The Vanguard Group, Inc.	BUY	29.30	Ordinary	24,035	24,035
3-Aug-2018	The Vanguard Group, Inc.	BUY	28.91	Ordinary	2,553	2,553
3-Aug-2018	The Vanguard Group, Inc.	SELL	28.91	Ordinary	(10,596)	(10,596)
6-Aug-2018	The Vanguard Group, Inc.	BUY	29.03	Ordinary	88	88
7-Aug-2018	The Vanguard Group, Inc.	BUY	29.17	Ordinary	115,801	115,801
8-Aug-2018	The Vanguard Group, Inc.	BUY	29.23	Ordinary	29,500	29,500
8-Aug-2018	The Vanguard Group, Inc.	SELL	29.20	Ordinary	(910)	(910)
8-Aug-2018	The Vanguard Group, Inc.	BUY	29.23	Ordinary	41,796	41,796
9-Aug-2018	The Vanguard Group, Inc.	BUY	29.38	Ordinary	11,125	11,125
9-Aug-2018	The Vanguard Group, Inc.	SELL	29.52	Ordinary	(7,677)	(7,677)
9-Aug-2018	The Vanguard Group, Inc.	BUY	29.49	Ordinary	236	236
10-Aug-2018	The Vanguard Group, Inc.	SELL	29.51	Ordinary	(78,192)	(78,192)
10-Aug-2018	The Vanguard Group, Inc.	SELL	29.51	Ordinary	(7,677)	(7,677)
10-Aug-2018	The Vanguard Group, Inc.	SELL	29.51	Ordinary	(4,265)	(4,265)
10-Aug-2018	The Vanguard Group, Inc.	SELL	29.57	Ordinary	(68,824)	(68,824)
10-Aug-2018	The Vanguard Group, Inc.	BUY	29.57	Ordinary	2,461	2,461
13-Aug-2018	The Vanguard Group, Inc.	BUY	29.41	Ordinary	623	623
13-Aug-2018	The Vanguard Group, Inc.	BUY	29.37	Ordinary	145	145
14-Aug-2018	The Vanguard Group, Inc.	SELL	30.07	Ordinary	(15,354)	(15,354)
14-Aug-2018	The Vanguard Group, Inc.	BUY	29.77	Ordinary	108,352	108,352
14-Aug-2018	The Vanguard Group, Inc.	SELL	30.06	Ordinary	(2,657)	(2,657)
15-Aug-2018	The Vanguard Group, Inc.	SELL	30.12	Ordinary	(39,096)	(39,096)
15-Aug-2018	The Vanguard Group, Inc.	BUY	30.16	Ordinary	13,249	13,249
15-Aug-2018	The Vanguard Group, Inc.	BUY	30.16	Ordinary	84,538	84,538
16-Aug-2018	The Vanguard Group, Inc.	BUY	30.20	Ordinary	6,396	6,396
16-Aug-2018	The Vanguard Group, Inc.	SELL	30.18	Ordinary	(71,658)	(71,658)
16-Aug-2018	The Vanguard Group, Inc.	BUY	30.27	Ordinary	118,398	118,398
16-Aug-2018	The Vanguard Group, Inc.	BUY	30.27	Ordinary	248	248
17-Aug-2018	The Vanguard Group, Inc.	BUY	30.26	Ordinary	3,759	3,759
17-Aug-2018	The Vanguard Group, Inc.	BUY	30.33	Ordinary	124,512	124,512
17-Aug-2018	The Vanguard Group, Inc.	BUY	30.33	Ordinary	4,200	4,200
17-Aug-2018	The Vanguard Group, Inc.	BUY	30.33	Ordinary	3,732	3,732
20-Aug-2018	The Vanguard Group, Inc.	BUY	30.17	Ordinary	14,850	14,850
20-Aug-2018	The Vanguard Group, Inc.	BUY	30.17	Ordinary	88,070	88,070
20-Aug-2018	The Vanguard Group, Inc.	SELL	30.34	Ordinary	(11,111)	(11,111)
21-Aug-2018	The Vanguard Group, Inc.	BUY	29.47	Ordinary	3,412	3,412

Annexure 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
21-Aug-2018	The Vanguard Group, Inc.	BUY	29.88	Ordinary	8,664	8,664
21-Aug-2018	The Vanguard Group, Inc.	BUY	29.88	Ordinary	52,626	52,626
21-Aug-2018	The Vanguard Group, Inc.	BUY	29.50	Ordinary	2,600	2,600
21-Aug-2018	The Vanguard Group, Inc.	BUY	29.50	Ordinary	2,868	2,868
22-Aug-2018	The Vanguard Group, Inc.	BUY	29.33	Ordinary	34,890	34,890
23-Aug-2018	The Vanguard Group, Inc.	BUY	28.97	Ordinary	70,306	70,306
24-Aug-2018	The Vanguard Group, Inc.	BUY	27.57	Ordinary	5,907	5,907
27-Aug-2018	The Vanguard Group, Inc.	BUY	27.50	Ordinary	6,493	6,493
27-Aug-2018	The Vanguard Group, Inc.	BUY	27.78	Ordinary	4,265	4,265
28-Aug-2018	The Vanguard Group, Inc.	BUY	28.11	Ordinary	1,230	1,230
29-Aug-2018	The Vanguard Group, Inc.	BUY	28.11	Ordinary	175	175
31-Aug-2018	The Vanguard Group, Inc.	BUY	28.58	Ordinary	2,075	2,075
31-Aug-2018	The Vanguard Group, Inc.	BUY	28.58	Ordinary	3,959	3,959
31-Aug-2018	The Vanguard Group, Inc.	BUY	28.65	Ordinary	45,990	45,990
31-Aug-2018	The Vanguard Group, Inc.	BUY	28.58	Ordinary	31,820	31,820
5-Sep-2018	The Vanguard Group, Inc.	SELL	28.19	Ordinary	(1,462)	(1,462)
5-Sep-2018	The Vanguard Group, Inc.	BUY	28.18	Ordinary	50,068	50,068
5-Sep-2018	The Vanguard Group, Inc.	SELL	27.94	Ordinary	(2,502)	(2,502)
6-Sep-2018	The Vanguard Group, Inc.	BUY	27.79	Ordinary	136,504	136,504
6-Sep-2018	The Vanguard Group, Inc.	BUY	27.84	Ordinary	2,397	2,397
6-Sep-2018	The Vanguard Group, Inc.	BUY	27.79	Ordinary	395	395
7-Sep-2018	The Vanguard Group, Inc.	BUY	27.79	Ordinary	14,828	14,828
7-Sep-2018	The Vanguard Group, Inc.	BUY	27.79	Ordinary	2,559	2,559
7-Sep-2018	The Vanguard Group, Inc.	BUY	27.79	Ordinary	8,530	8,530
7-Sep-2018	The Vanguard Group, Inc.	BUY	27.79	Ordinary	49,076	49,076
7-Sep-2018	The Vanguard Group, Inc.	BUY	27.75	Ordinary	63,830	63,830
7-Sep-2018	The Vanguard Group, Inc.	BUY	27.80	Ordinary	572	572
10-Sep-2018	The Vanguard Group, Inc.	BUY	27.69	Ordinary	6,438	6,438
11-Sep-2018	The Vanguard Group, Inc.	BUY	27.73	Ordinary	131,307	131,307
12-Sep-2018	The Vanguard Group, Inc.	BUY	27.66	Ordinary	22,242	22,242
12-Sep-2018	The Vanguard Group, Inc.	BUY	27.66	Ordinary	8,530	8,530
12-Sep-2018	The Vanguard Group, Inc.	SELL	27.73	Ordinary	(1,401)	(1,401)
12-Sep-2018	The Vanguard Group, Inc.	BUY	27.72	Ordinary	78,508	78,508
12-Sep-2018	The Vanguard Group, Inc.	SELL	27.73	Ordinary	(220,688)	(220,688)
13-Sep-2018	The Vanguard Group, Inc.	BUY	27.57	Ordinary	771	771
13-Sep-2018	The Vanguard Group, Inc.	BUY	27.57	Ordinary	3,064	3,064
14-Sep-2018	The Vanguard Group, Inc.	BUY	27.72	Ordinary	53,161	53,161
17-Sep-2018	The Vanguard Group, Inc.	BUY	27.90	Ordinary	28,216	28,216
18-Sep-2018	The Vanguard Group, Inc.	BUY	27.89	Ordinary	2,924	2,924
18-Sep-2018	The Vanguard Group, Inc.	BUY	27.90	Ordinary	25,229	25,229
20-Sep-2018	The Vanguard Group, Inc.	BUY	28.07	Ordinary	11,046	11,046
20-Sep-2018	The Vanguard Group, Inc.	BUY	28.09	Ordinary	714	714
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(18,639)	(18,639)
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(119,640)	(119,640)
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(7,393)	(7,393)
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(27,852)	(27,852)
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(146,092)	(146,092)
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(50)	(50)
21-Sep-2018	The Vanguard Group, Inc.	BUY	28.16	Ordinary	23	23
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(1,459)	(1,459)
21-Sep-2018	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(2,062)	(2,062)
21-Sep-2018	The Vanguard Group, Inc.	BUY	28.16	Ordinary	629	629
21-Sep-2018	The Vanguard Group, Inc.	BUY	28.16	Ordinary	547	547
25-Sep-2018	The Vanguard Group, Inc.	BUY	28.04	Ordinary	29,523	29,523
25-Sep-2018	The Vanguard Group, Inc.	BUY	27.88	Ordinary	82,594	82,594
25-Sep-2018	The Vanguard Group, Inc.	BUY	28.04	Ordinary	170	170
26-Sep-2018	The Vanguard Group, Inc.	BUY	27.72	Ordinary	37,610	37,610
26-Sep-2018	The Vanguard Group, Inc.	BUY	27.72	Ordinary	30,088	30,088
26-Sep-2018	The Vanguard Group, Inc.	BUY	27.72	Ordinary	15,044	15,044
26-Sep-2018	The Vanguard Group, Inc.	SELL	27.99	Ordinary	(1,759)	(1,759)
26-Sep-2018	The Vanguard Group, Inc.	SELL	27.81	Ordinary	(454)	(454)
26-Sep-2018	The Vanguard Group, Inc.	SELL	27.81	Ordinary	(1,081)	(1,081)
26-Sep-2018	The Vanguard Group, Inc.	BUY	27.81	Ordinary	1,016	1,016
27-Sep-2018	The Vanguard Group, Inc.	SELL	27.63	Ordinary	(10,769)	(10,769)
27-Sep-2018	The Vanguard Group, Inc.	BUY	27.61	Ordinary	2,673	2,673
27-Sep-2018	The Vanguard Group, Inc.	BUY	27.82	Ordinary	8,398	8,398
28-Sep-2018	The Vanguard Group, Inc.	BUY	27.93	Ordinary	1,034	1,034
1-Oct-2018	The Vanguard Group, Inc.	BUY	27.45	Ordinary	22,566	22,566
2-Oct-2018	The Vanguard Group, Inc.	BUY	27.25	Ordinary	60,176	60,176
2-Oct-2018	The Vanguard Group, Inc.	SELL	27.50	Ordinary	(1,317)	(1,317)
2-Oct-2018	The Vanguard Group, Inc.	SELL	27.50	Ordinary	(21,421)	(21,421)

Annexure 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
2-Oct-2018	The Vanguard Group, Inc.	SELL	27.25	Ordinary	(10,760)	(10,760)
2-Oct-2018	The Vanguard Group, Inc.	BUY	27.42	Ordinary	84,295	84,295
3-Oct-2018	The Vanguard Group, Inc.	BUY	27.15	Ordinary	22,566	22,566
3-Oct-2018	The Vanguard Group, Inc.	BUY	27.15	Ordinary	13,836	13,836
3-Oct-2018	The Vanguard Group, Inc.	BUY	27.15	Ordinary	47,242	47,242
3-Oct-2018	The Vanguard Group, Inc.	BUY	27.15	Ordinary	2,907	2,907
3-Oct-2018	The Vanguard Group, Inc.	BUY	27.15	Ordinary	326	326
4-Oct-2018	The Vanguard Group, Inc.	BUY	27.30	Ordinary	26,614	26,614
5-Oct-2018	The Vanguard Group, Inc.	BUY	27.34	Ordinary	52,258	52,258
8-Oct-2018	The Vanguard Group, Inc.	BUY	27.35	Ordinary	31,402	31,402
8-Oct-2018	The Vanguard Group, Inc.	BUY	27.13	Ordinary	7,832	7,832
9-Oct-2018	The Vanguard Group, Inc.	BUY	27.00	Ordinary	39,202	39,202
9-Oct-2018	The Vanguard Group, Inc.	BUY	27.17	Ordinary	40,634	40,634
11-Oct-2018	The Vanguard Group, Inc.	BUY	26.06	Ordinary	19,566	19,566
11-Oct-2018	The Vanguard Group, Inc.	BUY	26.29	Ordinary	2,220	2,220
12-Oct-2018	The Vanguard Group, Inc.	BUY	26.20	Ordinary	97,735	97,735
12-Oct-2018	The Vanguard Group, Inc.	BUY	26.18	Ordinary	13,111	13,111
15-Oct-2018	The Vanguard Group, Inc.	BUY	26.05	Ordinary	32,610	32,610
15-Oct-2018	The Vanguard Group, Inc.	BUY	26.27	Ordinary	2,499	2,499
15-Oct-2018	The Vanguard Group, Inc.	BUY	26.03	Ordinary	582	582
16-Oct-2018	The Vanguard Group, Inc.	SELL	26.07	Ordinary	(1,401)	(1,401)
16-Oct-2018	The Vanguard Group, Inc.	BUY	26.25	Ordinary	107,159	107,159
16-Oct-2018	The Vanguard Group, Inc.	BUY	26.25	Ordinary	12,708	12,708
17-Oct-2018	The Vanguard Group, Inc.	BUY	26.57	Ordinary	72,279	72,279
18-Oct-2018	The Vanguard Group, Inc.	BUY	26.54	Ordinary	27,503	27,503
18-Oct-2018	The Vanguard Group, Inc.	BUY	26.54	Ordinary	68,506	68,506
18-Oct-2018	The Vanguard Group, Inc.	BUY	26.54	Ordinary	285	285
18-Oct-2018	The Vanguard Group, Inc.	SELL	26.69	Ordinary	(1,893)	(1,893)
19-Oct-2018	The Vanguard Group, Inc.	BUY	26.78	Ordinary	19,566	19,566
19-Oct-2018	The Vanguard Group, Inc.	BUY	26.78	Ordinary	22,566	22,566
22-Oct-2018	The Vanguard Group, Inc.	BUY	26.66	Ordinary	441	441
23-Oct-2018	The Vanguard Group, Inc.	BUY	26.46	Ordinary	70,483	70,483
23-Oct-2018	The Vanguard Group, Inc.	BUY	26.33	Ordinary	21,378	21,378
24-Oct-2018	The Vanguard Group, Inc.	SELL	26.18	Ordinary	(6,853)	(6,853)
24-Oct-2018	The Vanguard Group, Inc.	BUY	26.45	Ordinary	29,205	29,205
24-Oct-2018	The Vanguard Group, Inc.	BUY	26.50	Ordinary	380	380
25-Oct-2018	The Vanguard Group, Inc.	BUY	26.04	Ordinary	18,805	18,805
25-Oct-2018	The Vanguard Group, Inc.	BUY	26.10	Ordinary	29,080	29,080
25-Oct-2018	The Vanguard Group, Inc.	BUY	26.10	Ordinary	94,719	94,719
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.89	Ordinary	9,317	9,317
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.96	Ordinary	43,692	43,692
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.96	Ordinary	19,855	19,855
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.89	Ordinary	1,931	1,931
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.96	Ordinary	11,019	11,019
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.96	Ordinary	93,533	93,533
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.89	Ordinary	115,130	115,130
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.89	Ordinary	255	255
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.96	Ordinary	3,794	3,794
26-Oct-2018	The Vanguard Group, Inc.	BUY	25.96	Ordinary	8,599	8,599
30-Oct-2018	The Vanguard Group, Inc.	BUY	26.35	Ordinary	51,218	51,218
30-Oct-2018	The Vanguard Group, Inc.	BUY	26.35	Ordinary	310	310
30-Oct-2018	The Vanguard Group, Inc.	BUY	26.84	Ordinary	54,768	54,768
31-Oct-2018	The Vanguard Group, Inc.	BUY	26.87	Ordinary	26,859	26,859
31-Oct-2018	The Vanguard Group, Inc.	BUY	26.82	Ordinary	26,327	26,327
31-Oct-2018	The Vanguard Group, Inc.	BUY	26.87	Ordinary	48,977	48,977
31-Oct-2018	The Vanguard Group, Inc.	BUY	26.85	Ordinary	896	896
1-Nov-2018	The Vanguard Group, Inc.	BUY	26.67	Ordinary	37,610	37,610
1-Nov-2018	The Vanguard Group, Inc.	BUY	26.81	Ordinary	109,704	109,704
1-Nov-2018	The Vanguard Group, Inc.	SELL	26.82	Ordinary	(1,765)	(1,765)
1-Nov-2018	The Vanguard Group, Inc.	SELL	26.67	Ordinary	(224,322)	(224,322)
2-Nov-2018	The Vanguard Group, Inc.	BUY	26.40	Ordinary	39,523	39,523
2-Nov-2018	The Vanguard Group, Inc.	BUY	26.40	Ordinary	12,663	12,663
2-Nov-2018	The Vanguard Group, Inc.	BUY	26.40	Ordinary	68,902	68,902
2-Nov-2018	The Vanguard Group, Inc.	SELL	26.50	Ordinary	(76,970)	(76,970)
5-Nov-2018	The Vanguard Group, Inc.	BUY	26.51	Ordinary	2,247	2,247
5-Nov-2018	The Vanguard Group, Inc.	SELL	26.65	Ordinary	(25,742)	(25,742)
7-Nov-2018	The Vanguard Group, Inc.	BUY	27.26	Ordinary	30,088	30,088
7-Nov-2018	The Vanguard Group, Inc.	BUY	27.02	Ordinary	1,501	1,501
9-Nov-2018	The Vanguard Group, Inc.	BUY	27.71	Ordinary	18,643	18,643
9-Nov-2018	The Vanguard Group, Inc.	BUY	27.71	Ordinary	2,304	2,304
9-Nov-2018	The Vanguard Group, Inc.	SELL	27.70	Ordinary	(6,801)	(6,801)

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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-Nov-2018	The Vanguard Group, Inc.	BUY	27.70	Ordinary	657	657
12-Nov-2018	The Vanguard Group, Inc.	BUY	27.52	Ordinary	22,566	22,566
12-Nov-2018	The Vanguard Group, Inc.	BUY	27.52	Ordinary	23,496	23,496
13-Nov-2018	The Vanguard Group, Inc.	BUY	26.41	Ordinary	34,280	34,280
13-Nov-2018	The Vanguard Group, Inc.	BUY	26.41	Ordinary	679	679
13-Nov-2018	The Vanguard Group, Inc.	BUY	26.41	Ordinary	7,476	7,476
13-Nov-2018	The Vanguard Group, Inc.	BUY	26.24	Ordinary	14,069	14,069
14-Nov-2018	The Vanguard Group, Inc.	BUY	25.33	Ordinary	22,566	22,566
14-Nov-2018	The Vanguard Group, Inc.	BUY	25.33	Ordinary	30,088	30,088
14-Nov-2018	The Vanguard Group, Inc.	BUY	25.33	Ordinary	8,811	8,811
15-Nov-2018	The Vanguard Group, Inc.	BUY	25.59	Ordinary	4,304	4,304
15-Nov-2018	The Vanguard Group, Inc.	BUY	25.28	Ordinary	37,406	37,406
15-Nov-2018	The Vanguard Group, Inc.	BUY	25.59	Ordinary	11,040	11,040
15-Nov-2018	The Vanguard Group, Inc.	BUY	25.34	Ordinary	1,436	1,436
16-Nov-2018	The Vanguard Group, Inc.	BUY	25.38	Ordinary	63,347	63,347
16-Nov-2018	The Vanguard Group, Inc.	BUY	25.38	Ordinary	11,940	11,940
21-Nov-2018	The Vanguard Group, Inc.	BUY	25.59	Ordinary	30,088	30,088
27-Nov-2018	The Vanguard Group, Inc.	BUY	26.18	Ordinary	2,040	2,040
27-Nov-2018	The Vanguard Group, Inc.	BUY	26.28	Ordinary	2,421	2,421
27-Nov-2018	The Vanguard Group, Inc.	BUY	26.28	Ordinary	1,953	1,953
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	3,261	3,261
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	19,566	19,566
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	18,805	18,805
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	4,895	4,895
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	9,790	9,790
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	2,937	2,937
28-Nov-2018	The Vanguard Group, Inc.	BUY	26.49	Ordinary	16,499	16,499
29-Nov-2018	The Vanguard Group, Inc.	BUY	26.37	Ordinary	16,643	16,643
30-Nov-2018	The Vanguard Group, Inc.	BUY	26.24	Ordinary	10,363	10,363
30-Nov-2018	The Vanguard Group, Inc.	BUY	26.01	Ordinary	441	441
30-Nov-2018	The Vanguard Group, Inc.	BUY	26.06	Ordinary	981	981
30-Nov-2018	The Vanguard Group, Inc.	BUY	26.01	Ordinary	12,002	12,002
30-Nov-2018	The Vanguard Group, Inc.	BUY	26.24	Ordinary	44,477	44,477
30-Nov-2018	The Vanguard Group, Inc.	BUY	26.01	Ordinary	17,867	17,867
30-Nov-2018	The Vanguard Group, Inc.	SELL	26.01	Ordinary	(74,110)	(74,110)
3-Dec-2018	The Vanguard Group, Inc.	BUY	26.23	Ordinary	10,915	10,915
3-Dec-2018	The Vanguard Group, Inc.	BUY	26.17	Ordinary	1,962	1,962
3-Dec-2018	The Vanguard Group, Inc.	SELL	26.25	Ordinary	(18,737)	(18,737)
4-Dec-2018	The Vanguard Group, Inc.	BUY	25.64	Ordinary	30,088	30,088
4-Dec-2018	The Vanguard Group, Inc.	BUY	25.64	Ordinary	11,040	11,040
4-Dec-2018	The Vanguard Group, Inc.	BUY	26.17	Ordinary	33,314	33,314
4-Dec-2018	The Vanguard Group, Inc.	BUY	25.89	Ordinary	3,871	3,871
4-Dec-2018	The Vanguard Group, Inc.	BUY	25.89	Ordinary	34,713	34,713
5-Dec-2018	The Vanguard Group, Inc.	BUY	25.35	Ordinary	31,061	31,061
5-Dec-2018	The Vanguard Group, Inc.	BUY	25.35	Ordinary	1,844	1,844
5-Dec-2018	The Vanguard Group, Inc.	BUY	25.59	Ordinary	17,150	17,150
6-Dec-2018	The Vanguard Group, Inc.	BUY	25.78	Ordinary	8,280	8,280
6-Dec-2018	The Vanguard Group, Inc.	SELL	25.67	Ordinary	(2,428)	(2,428)
6-Dec-2018	The Vanguard Group, Inc.	BUY	25.67	Ordinary	23,149	23,149
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.85	Ordinary	5,376	5,376
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.55	Ordinary	30,088	30,088
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.55	Ordinary	26,327	26,327
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.85	Ordinary	20,568	20,568
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.85	Ordinary	80,969	80,969
7-Dec-2018	The Vanguard Group, Inc.	SELL	25.75	Ordinary	(2,025)	(2,025)
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.85	Ordinary	1,190	1,190
7-Dec-2018	The Vanguard Group, Inc.	BUY	25.73	Ordinary	2,927	2,927
10-Dec-2018	The Vanguard Group, Inc.	BUY	25.40	Ordinary	25,732	25,732
10-Dec-2018	The Vanguard Group, Inc.	BUY	24.86	Ordinary	18,385	18,385
11-Dec-2018	The Vanguard Group, Inc.	BUY	25.08	Ordinary	30,088	30,088
11-Dec-2018	The Vanguard Group, Inc.	BUY	25.08	Ordinary	22,566	22,566
11-Dec-2018	The Vanguard Group, Inc.	BUY	25.00	Ordinary	65,352	65,352
12-Dec-2018	The Vanguard Group, Inc.	BUY	25.44	Ordinary	22,566	22,566
12-Dec-2018	The Vanguard Group, Inc.	BUY	25.44	Ordinary	22,566	22,566
12-Dec-2018	The Vanguard Group, Inc.	BUY	25.44	Ordinary	63,937	63,937
12-Dec-2018	The Vanguard Group, Inc.	SELL	24.91	Ordinary	(1,038)	(1,038)
12-Dec-2018	The Vanguard Group, Inc.	BUY	25.44	Ordinary	9,428	9,428
12-Dec-2018	The Vanguard Group, Inc.	BUY	24.94	Ordinary	47,849	47,849
13-Dec-2018	The Vanguard Group, Inc.	BUY	25.40	Ordinary	16,499	16,499
13-Dec-2018	The Vanguard Group, Inc.	BUY	25.40	Ordinary	4,304	4,304
13-Dec-2018	The Vanguard Group, Inc.	BUY	25.44	Ordinary	122	122

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13-Dec-2018	The Vanguard Group, Inc.	BUY	25.44	Ordinary	641	641
14-Dec-2018	The Vanguard Group, Inc.	BUY	24.83	Ordinary	22,566	22,566
14-Dec-2018	The Vanguard Group, Inc.	BUY	24.83	Ordinary	5,874	5,874
14-Dec-2018	The Vanguard Group, Inc.	BUY	24.83	Ordinary	7,071	7,071
14-Dec-2018	The Vanguard Group, Inc.	SELL	24.88	Ordinary	(2,500)	(2,500)
14-Dec-2018	The Vanguard Group, Inc.	BUY	24.88	Ordinary	2,301	2,301
17-Dec-2018	The Vanguard Group, Inc.	BUY	24.41	Ordinary	45,132	45,132
17-Dec-2018	The Vanguard Group, Inc.	BUY	24.41	Ordinary	23,570	23,570
17-Dec-2018	The Vanguard Group, Inc.	SELL	24.65	Ordinary	(14,976)	(14,976)
18-Dec-2018	The Vanguard Group, Inc.	BUY	24.31	Ordinary	1,484	1,484
20-Dec-2018	The Vanguard Group, Inc.	BUY	23.99	Ordinary	30,088	30,088
20-Dec-2018	The Vanguard Group, Inc.	SELL	24.07	Ordinary	(125,376)	(125,376)
20-Dec-2018	The Vanguard Group, Inc.	SELL	24.07	Ordinary	(17,558)	(17,558)
20-Dec-2018	The Vanguard Group, Inc.	BUY	24.07	Ordinary	26,512	26,512
21-Dec-2018	The Vanguard Group, Inc.	SELL	23.83	Ordinary	(49,557)	(49,557)
21-Dec-2018	The Vanguard Group, Inc.	SELL	23.83	Ordinary	(2,092)	(2,092)
21-Dec-2018	The Vanguard Group, Inc.	SELL	23.83	Ordinary	(17,260)	(17,260)
21-Dec-2018	The Vanguard Group, Inc.	SELL	23.83	Ordinary	(24,172)	(24,172)
21-Dec-2018	The Vanguard Group, Inc.	SELL	23.83	Ordinary	(86,887)	(86,887)
21-Dec-2018	The Vanguard Group, Inc.	SELL	23.83	Ordinary	(401)	(401)
21-Dec-2018	The Vanguard Group, Inc.	BUY	23.86	Ordinary	58	58
21-Dec-2018	The Vanguard Group, Inc.	BUY	23.86	Ordinary	16	16
21-Dec-2018	The Vanguard Group, Inc.	BUY	23.86	Ordinary	813	813
21-Dec-2018	The Vanguard Group, Inc.	BUY	23.83	Ordinary	1,607	1,607
21-Dec-2018	The Vanguard Group, Inc.	BUY	23.83	Ordinary	2,490	2,490
24-Dec-2018	The Vanguard Group, Inc.	BUY	23.55	Ordinary	34,960	34,960
24-Dec-2018	The Vanguard Group, Inc.	BUY	23.55	Ordinary	21,850	21,850
26-Dec-2018	The Vanguard Group, Inc.	BUY	24.09	Ordinary	11,622	11,622
26-Dec-2018	The Vanguard Group, Inc.	BUY	24.09	Ordinary	13,110	13,110
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.15	Ordinary	16,756	16,756
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.30	Ordinary	32,775	32,775
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.30	Ordinary	10,925	10,925
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.30	Ordinary	6,555	6,555
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.15	Ordinary	21,421	21,421
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.30	Ordinary	1,962	1,962
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.30	Ordinary	2,820	2,820
27-Dec-2018	The Vanguard Group, Inc.	BUY	24.19	Ordinary	59	59
28-Dec-2018	The Vanguard Group, Inc.	BUY	24.33	Ordinary	30,116	30,116
28-Dec-2018	The Vanguard Group, Inc.	BUY	24.81	Ordinary	4,470	4,470
28-Dec-2018	The Vanguard Group, Inc.	BUY	24.33	Ordinary	19,774	19,774
28-Dec-2018	The Vanguard Group, Inc.	BUY	24.33	Ordinary	277	277
28-Dec-2018	The Vanguard Group, Inc.	BUY	24.91	Ordinary	2,527	2,527
31-Dec-2018	The Vanguard Group, Inc.	BUY	25.09	Ordinary	13,536	13,536
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	11,622	11,622
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	6,258	6,258
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.85	Ordinary	4,045	4,045
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	13,110	13,110
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	15,295	15,295
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	4,208	4,208
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	10,152	10,152
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.84	Ordinary	3,948	3,948
2-Jan-2019	The Vanguard Group, Inc.	BUY	24.48	Ordinary	22,142	22,142
3-Jan-2019	The Vanguard Group, Inc.	BUY	24.90	Ordinary	69,637	69,637
3-Jan-2019	The Vanguard Group, Inc.	BUY	24.89	Ordinary	10,925	10,925
3-Jan-2019	The Vanguard Group, Inc.	BUY	24.89	Ordinary	4,208	4,208
3-Jan-2019	The Vanguard Group, Inc.	BUY	24.90	Ordinary	216,653	216,653
3-Jan-2019	The Vanguard Group, Inc.	BUY	24.90	Ordinary	1,622	1,622
3-Jan-2019	The Vanguard Group, Inc.	BUY	24.90	Ordinary	2,525	2,525
4-Jan-2019	The Vanguard Group, Inc.	BUY	24.93	Ordinary	38,854	38,854
4-Jan-2019	The Vanguard Group, Inc.	BUY	24.93	Ordinary	105,373	105,373
4-Jan-2019	The Vanguard Group, Inc.	BUY	24.93	Ordinary	80	80
4-Jan-2019	The Vanguard Group, Inc.	BUY	25.03	Ordinary	1,638	1,638
7-Jan-2019	The Vanguard Group, Inc.	BUY	25.28	Ordinary	4,370	4,370
8-Jan-2019	The Vanguard Group, Inc.	SELL	25.18	Ordinary	(1,726)	(1,726)
8-Jan-2019	The Vanguard Group, Inc.	BUY	25.57	Ordinary	4,905	4,905
8-Jan-2019	The Vanguard Group, Inc.	SELL	25.40	Ordinary	(70,144)	(70,144)
8-Jan-2019	The Vanguard Group, Inc.	BUY	25.52	Ordinary	692	692
8-Jan-2019	The Vanguard Group, Inc.	BUY	25.52	Ordinary	4,340	4,340
9-Jan-2019	The Vanguard Group, Inc.	BUY	25.61	Ordinary	25,727	25,727
9-Jan-2019	The Vanguard Group, Inc.	BUY	25.76	Ordinary	6,258	6,258
9-Jan-2019	The Vanguard Group, Inc.	SELL	25.66	Ordinary	(37,806)	(37,806)

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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-Jan-2019	The Vanguard Group, Inc.	BUY	25.61	Ordinary	230	230
10-Jan-2019	The Vanguard Group, Inc.	BUY	25.86	Ordinary	8,416	8,416
10-Jan-2019	The Vanguard Group, Inc.	SELL	25.77	Ordinary	(36,419)	(36,419)
10-Jan-2019	The Vanguard Group, Inc.	BUY	25.86	Ordinary	9,024	9,024
10-Jan-2019	The Vanguard Group, Inc.	BUY	25.85	Ordinary	17,693	17,693
11-Jan-2019	The Vanguard Group, Inc.	BUY	25.67	Ordinary	10,728	10,728
11-Jan-2019	The Vanguard Group, Inc.	BUY	25.67	Ordinary	1,962	1,962
11-Jan-2019	The Vanguard Group, Inc.	BUY	25.67	Ordinary	3,384	3,384
14-Jan-2019	The Vanguard Group, Inc.	BUY	25.79	Ordinary	6,258	6,258
14-Jan-2019	The Vanguard Group, Inc.	BUY	25.74	Ordinary	97	97
15-Jan-2019	The Vanguard Group, Inc.	SELL	25.76	Ordinary	(20,980)	(20,980)
15-Jan-2019	The Vanguard Group, Inc.	BUY	25.79	Ordinary	69,324	69,324
15-Jan-2019	The Vanguard Group, Inc.	BUY	25.76	Ordinary	485	485
15-Jan-2019	The Vanguard Group, Inc.	BUY	25.79	Ordinary	22,332	22,332
16-Jan-2019	The Vanguard Group, Inc.	BUY	25.84	Ordinary	15,690	15,690
17-Jan-2019	The Vanguard Group, Inc.	SELL	26.09	Ordinary	(5,387)	(5,387)
17-Jan-2019	The Vanguard Group, Inc.	SELL	26.17	Ordinary	(22,194)	(22,194)
17-Jan-2019	The Vanguard Group, Inc.	BUY	26.09	Ordinary	12,670	12,670
17-Jan-2019	The Vanguard Group, Inc.	BUY	26.09	Ordinary	1,899	1,899
17-Jan-2019	The Vanguard Group, Inc.	BUY	26.07	Ordinary	3,327	3,327
17-Jan-2019	The Vanguard Group, Inc.	SELL	26.07	Ordinary	(26,960)	(26,960)
18-Jan-2019	The Vanguard Group, Inc.	SELL	26.26	Ordinary	(1,453)	(1,453)
18-Jan-2019	The Vanguard Group, Inc.	BUY	26.25	Ordinary	26,817	26,817
18-Jan-2019	The Vanguard Group, Inc.	SELL	26.15	Ordinary	(8,336)	(8,336)
21-Jan-2019	The Vanguard Group, Inc.	BUY	26.31	Ordinary	254	254
22-Jan-2019	The Vanguard Group, Inc.	SELL	25.70	Ordinary	(22,194)	(22,194)
22-Jan-2019	The Vanguard Group, Inc.	BUY	25.75	Ordinary	485	485
22-Jan-2019	The Vanguard Group, Inc.	BUY	25.75	Ordinary	640	640
22-Jan-2019	The Vanguard Group, Inc.	BUY	25.75	Ordinary	1,759	1,759
23-Jan-2019	The Vanguard Group, Inc.	SELL	25.61	Ordinary	(48,087)	(48,087)
23-Jan-2019	The Vanguard Group, Inc.	BUY	25.62	Ordinary	29,444	29,444
23-Jan-2019	The Vanguard Group, Inc.	BUY	25.60	Ordinary	3,371	3,371
24-Jan-2019	The Vanguard Group, Inc.	BUY	25.69	Ordinary	5,441	5,441
24-Jan-2019	The Vanguard Group, Inc.	SELL	25.78	Ordinary	(48,087)	(48,087)
24-Jan-2019	The Vanguard Group, Inc.	BUY	25.72	Ordinary	102	102
24-Jan-2019	The Vanguard Group, Inc.	BUY	25.69	Ordinary	1,574	1,574
24-Jan-2019	The Vanguard Group, Inc.	BUY	25.72	Ordinary	50,049	50,049
25-Jan-2019	The Vanguard Group, Inc.	BUY	25.82	Ordinary	25,322	25,322
25-Jan-2019	The Vanguard Group, Inc.	BUY	25.90	Ordinary	1,882	1,882
28-Jan-2019	The Vanguard Group, Inc.	SELL	25.85	Ordinary	(13,110)	(13,110)
29-Jan-2019	The Vanguard Group, Inc.	SELL	25.33	Ordinary	(70,281)	(70,281)
29-Jan-2019	The Vanguard Group, Inc.	SELL	25.33	Ordinary	(29,592)	(29,592)
29-Jan-2019	The Vanguard Group, Inc.	SELL	25.33	Ordinary	(29,592)	(29,592)
29-Jan-2019	The Vanguard Group, Inc.	SELL	25.33	Ordinary	(5,364)	(5,364)
29-Jan-2019	The Vanguard Group, Inc.	SELL	25.64	Ordinary	(1,240)	(1,240)
29-Jan-2019	The Vanguard Group, Inc.	SELL	25.33	Ordinary	(8,740)	(8,740)
29-Jan-2019	The Vanguard Group, Inc.	BUY	25.29	Ordinary	1,869	1,869
29-Jan-2019	The Vanguard Group, Inc.	BUY	25.64	Ordinary	209	209
30-Jan-2019	The Vanguard Group, Inc.	SELL	25.30	Ordinary	(13,110)	(13,110)
30-Jan-2019	The Vanguard Group, Inc.	SELL	25.25	Ordinary	(13,744)	(13,744)
30-Jan-2019	The Vanguard Group, Inc.	SELL	25.19	Ordinary	(21,347)	(21,347)
30-Jan-2019	The Vanguard Group, Inc.	BUY	25.30	Ordinary	3,948	3,948
30-Jan-2019	The Vanguard Group, Inc.	BUY	25.25	Ordinary	154	154
30-Jan-2019	The Vanguard Group, Inc.	BUY	25.19	Ordinary	94,790	94,790
31-Jan-2019	The Vanguard Group, Inc.	BUY	25.11	Ordinary	11,064	11,064
31-Jan-2019	The Vanguard Group, Inc.	SELL	24.59	Ordinary	(4,470)	(4,470)
31-Jan-2019	The Vanguard Group, Inc.	SELL	24.59	Ordinary	(37,145)	(37,145)
31-Jan-2019	The Vanguard Group, Inc.	BUY	25.11	Ordinary	5,859	5,859
31-Jan-2019	The Vanguard Group, Inc.	BUY	24.55	Ordinary	1,893	1,893
31-Jan-2019	The Vanguard Group, Inc.	BUY	24.55	Ordinary	517	517
4-Feb-2019	The Vanguard Group, Inc.	SELL	25.08	Ordinary	(7,152)	(7,152)
4-Feb-2019	The Vanguard Group, Inc.	SELL	25.08	Ordinary	(6,258)	(6,258)
5-Feb-2019	The Vanguard Group, Inc.	SELL	26.69	Ordinary	(6,258)	(6,258)
5-Feb-2019	The Vanguard Group, Inc.	BUY	26.69	Ordinary	6,204	6,204
5-Feb-2019	The Vanguard Group, Inc.	BUY	26.08	Ordinary	137,147	137,147
5-Feb-2019	The Vanguard Group, Inc.	BUY	26.08	Ordinary	3,488	3,488
7-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(25,568)	(25,568)
7-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(7,152)	(7,152)
7-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(8,740)	(8,740)
7-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(8,740)	(8,740)
7-Feb-2019	The Vanguard Group, Inc.	SELL	26.70	Ordinary	(2,429)	(2,429)

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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
7-Feb-2019	The Vanguard Group, Inc.	BUY	26.75	Ordinary	11,280	11,280
8-Feb-2019	The Vanguard Group, Inc.	BUY	26.69	Ordinary	51,778	51,778
8-Feb-2019	The Vanguard Group, Inc.	SELL	26.77	Ordinary	(28,080)	(28,080)
8-Feb-2019	The Vanguard Group, Inc.	BUY	26.69	Ordinary	9,268	9,268
8-Feb-2019	The Vanguard Group, Inc.	BUY	26.79	Ordinary	43,332	43,332
11-Feb-2019	The Vanguard Group, Inc.	BUY	26.65	Ordinary	14,103	14,103
11-Feb-2019	The Vanguard Group, Inc.	SELL	26.41	Ordinary	(19,440)	(19,440)
11-Feb-2019	The Vanguard Group, Inc.	BUY	26.38	Ordinary	68,538	68,538
12-Feb-2019	The Vanguard Group, Inc.	BUY	26.43	Ordinary	58,382	58,382
12-Feb-2019	The Vanguard Group, Inc.	SELL	26.20	Ordinary	(178,586)	(178,586)
13-Feb-2019	The Vanguard Group, Inc.	SELL	26.37	Ordinary	(12,960)	(12,960)
13-Feb-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	49,114	49,114
13-Feb-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	271	271
14-Feb-2019	The Vanguard Group, Inc.	BUY	26.38	Ordinary	50,411	50,411
14-Feb-2019	The Vanguard Group, Inc.	BUY	26.42	Ordinary	1,281	1,281
15-Feb-2019	The Vanguard Group, Inc.	SELL	26.08	Ordinary	(5,327)	(5,327)
15-Feb-2019	The Vanguard Group, Inc.	SELL	26.38	Ordinary	(1,800)	(1,800)
15-Feb-2019	The Vanguard Group, Inc.	SELL	26.08	Ordinary	(1,043)	(1,043)
15-Feb-2019	The Vanguard Group, Inc.	BUY	26.08	Ordinary	36,307	36,307
18-Feb-2019	The Vanguard Group, Inc.	BUY	26.28	Ordinary	12,160	12,160
20-Feb-2019	The Vanguard Group, Inc.	BUY	26.58	Ordinary	28,450	28,450
20-Feb-2019	The Vanguard Group, Inc.	SELL	26.42	Ordinary	(17,404)	(17,404)
20-Feb-2019	The Vanguard Group, Inc.	BUY	26.58	Ordinary	35,800	35,800
20-Feb-2019	The Vanguard Group, Inc.	BUY	26.42	Ordinary	1,918	1,918
20-Feb-2019	The Vanguard Group, Inc.	SELL	26.54	Ordinary	(968)	(968)
20-Feb-2019	The Vanguard Group, Inc.	BUY	26.42	Ordinary	58,772	58,772
21-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(6,300)	(6,300)
21-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(10,930)	(10,930)
21-Feb-2019	The Vanguard Group, Inc.	BUY	26.38	Ordinary	41,777	41,777
21-Feb-2019	The Vanguard Group, Inc.	BUY	26.77	Ordinary	1,144	1,144
22-Feb-2019	The Vanguard Group, Inc.	BUY	26.81	Ordinary	27,283	27,283
22-Feb-2019	The Vanguard Group, Inc.	SELL	26.75	Ordinary	(26,100)	(26,100)
22-Feb-2019	The Vanguard Group, Inc.	BUY	26.81	Ordinary	3,454	3,454
22-Feb-2019	The Vanguard Group, Inc.	BUY	26.81	Ordinary	365	365
26-Feb-2019	The Vanguard Group, Inc.	BUY	26.81	Ordinary	18,946	18,946
26-Feb-2019	The Vanguard Group, Inc.	BUY	26.54	Ordinary	18,495	18,495
26-Feb-2019	The Vanguard Group, Inc.	BUY	26.53	Ordinary	1,027	1,027
27-Feb-2019	The Vanguard Group, Inc.	BUY	26.77	Ordinary	4,208	4,208
27-Feb-2019	The Vanguard Group, Inc.	BUY	26.52	Ordinary	10,349	10,349
27-Feb-2019	The Vanguard Group, Inc.	BUY	26.69	Ordinary	1,893	1,893
28-Feb-2019	The Vanguard Group, Inc.	SELL	26.78	Ordinary	(5,252)	(5,252)
28-Feb-2019	The Vanguard Group, Inc.	BUY	26.96	Ordinary	276	276
28-Feb-2019	The Vanguard Group, Inc.	SELL	26.96	Ordinary	(75,559)	(75,559)
28-Feb-2019	The Vanguard Group, Inc.	BUY	26.96	Ordinary	300	300
28-Feb-2019	The Vanguard Group, Inc.	SELL	26.95	Ordinary	(4,838)	(4,838)
1-Mar-2019	The Vanguard Group, Inc.	BUY	27.01	Ordinary	21,731	21,731
1-Mar-2019	The Vanguard Group, Inc.	SELL	27.01	Ordinary	(64,714)	(64,714)
1-Mar-2019	The Vanguard Group, Inc.	BUY	27.00	Ordinary	26,369	26,369
1-Mar-2019	The Vanguard Group, Inc.	BUY	27.01	Ordinary	2,519	2,519
1-Mar-2019	The Vanguard Group, Inc.	SELL	27.01	Ordinary	(11,456)	(11,456)
1-Mar-2019	The Vanguard Group, Inc.	SELL	27.01	Ordinary	(8,543)	(8,543)
4-Mar-2019	The Vanguard Group, Inc.	BUY	27.00	Ordinary	58,723	58,723
4-Mar-2019	The Vanguard Group, Inc.	SELL	27.00	Ordinary	(64,270)	(64,270)
4-Mar-2019	The Vanguard Group, Inc.	BUY	27.00	Ordinary	1,352	1,352
4-Mar-2019	The Vanguard Group, Inc.	SELL	27.00	Ordinary	(7,895)	(7,895)
5-Mar-2019	The Vanguard Group, Inc.	BUY	27.04	Ordinary	22,194	22,194
5-Mar-2019	The Vanguard Group, Inc.	BUY	26.97	Ordinary	100,731	100,731
5-Mar-2019	The Vanguard Group, Inc.	BUY	26.94	Ordinary	4,873	4,873
5-Mar-2019	The Vanguard Group, Inc.	BUY	27.01	Ordinary	305	305
5-Mar-2019	The Vanguard Group, Inc.	SELL	27.01	Ordinary	(16,668)	(16,668)
6-Mar-2019	The Vanguard Group, Inc.	BUY	27.20	Ordinary	6,300	6,300
6-Mar-2019	The Vanguard Group, Inc.	BUY	27.20	Ordinary	2,016	2,016
6-Mar-2019	The Vanguard Group, Inc.	BUY	27.01	Ordinary	10,919	10,919
7-Mar-2019	The Vanguard Group, Inc.	BUY	27.34	Ordinary	956	956
8-Mar-2019	The Vanguard Group, Inc.	BUY	26.97	Ordinary	18,495	18,495
8-Mar-2019	The Vanguard Group, Inc.	BUY	27.29	Ordinary	7,042	7,042
8-Mar-2019	The Vanguard Group, Inc.	BUY	26.98	Ordinary	1,660	1,660
8-Mar-2019	The Vanguard Group, Inc.	BUY	26.99	Ordinary	1,230	1,230
8-Mar-2019	The Vanguard Group, Inc.	BUY	26.98	Ordinary	413	413
11-Mar-2019	The Vanguard Group, Inc.	BUY	27.01	Ordinary	39,695	39,695
11-Mar-2019	The Vanguard Group, Inc.	BUY	27.01	Ordinary	1,893	1,893

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11-Mar-2019	The Vanguard Group, Inc.	SELL	27.00	Ordinary	(11,305)	(11,305)
12-Mar-2019	The Vanguard Group, Inc.	SELL	26.85	Ordinary	(12,134)	(12,134)
13-Mar-2019	The Vanguard Group, Inc.	BUY	26.69	Ordinary	94,894	94,894
14-Mar-2019	The Vanguard Group, Inc.	SELL	26.60	Ordinary	(39,473)	(39,473)
14-Mar-2019	The Vanguard Group, Inc.	BUY	26.56	Ordinary	59,497	59,497
14-Mar-2019	The Vanguard Group, Inc.	BUY	26.60	Ordinary	292	292
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	2,050	2,050
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	898	898
15-Mar-2019	The Vanguard Group, Inc.	SELL	26.48	Ordinary	(20,402)	(20,402)
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	5,146	5,146
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	2,257	2,257
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	2,538	2,538
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	1,112	1,112
15-Mar-2019	The Vanguard Group, Inc.	SELL	26.48	Ordinary	(57,696)	(57,696)
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	84	84
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	36	36
15-Mar-2019	The Vanguard Group, Inc.	SELL	26.48	Ordinary	(95)	(95)
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	275	275
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	121	121
15-Mar-2019	The Vanguard Group, Inc.	BUY	26.48	Ordinary	3,044	3,044
15-Mar-2019	The Vanguard Group, Inc.	SELL	26.48	Ordinary	(7,819)	(7,819)
15-Mar-2019	The Vanguard Group, Inc.	SELL	26.48	Ordinary	(4,686)	(4,686)
18-Mar-2019	The Vanguard Group, Inc.	BUY	26.62	Ordinary	7,980	7,980
19-Mar-2019	The Vanguard Group, Inc.	BUY	26.61	Ordinary	36,209	36,209
19-Mar-2019	The Vanguard Group, Inc.	BUY	26.42	Ordinary	893	893
19-Mar-2019	The Vanguard Group, Inc.	BUY	26.42	Ordinary	24,238	24,238
20-Mar-2019	The Vanguard Group, Inc.	BUY	26.22	Ordinary	11,097	11,097
20-Mar-2019	The Vanguard Group, Inc.	BUY	26.34	Ordinary	78,040	78,040
21-Mar-2019	The Vanguard Group, Inc.	BUY	26.33	Ordinary	2,066	2,066
21-Mar-2019	The Vanguard Group, Inc.	BUY	26.20	Ordinary	361	361
21-Mar-2019	The Vanguard Group, Inc.	BUY	26.26	Ordinary	1,230	1,230
22-Mar-2019	The Vanguard Group, Inc.	BUY	26.20	Ordinary	7,806	7,806
25-Mar-2019	The Vanguard Group, Inc.	SELL	26.18	Ordinary	(4,589)	(4,589)
25-Mar-2019	The Vanguard Group, Inc.	SELL	26.18	Ordinary	(5,702)	(5,702)
25-Mar-2019	The Vanguard Group, Inc.	SELL	26.18	Ordinary	(24,373)	(24,373)
26-Mar-2019	The Vanguard Group, Inc.	BUY	25.97	Ordinary	125,226	125,226
27-Mar-2019	The Vanguard Group, Inc.	SELL	25.90	Ordinary	(2,214)	(2,214)
27-Mar-2019	The Vanguard Group, Inc.	BUY	25.91	Ordinary	4,208	4,208
27-Mar-2019	The Vanguard Group, Inc.	BUY	25.95	Ordinary	6,535	6,535
27-Mar-2019	The Vanguard Group, Inc.	BUY	25.86	Ordinary	71,074	71,074
27-Mar-2019	The Vanguard Group, Inc.	BUY	25.86	Ordinary	589	589
27-Mar-2019	The Vanguard Group, Inc.	SELL	25.95	Ordinary	(552)	(552)
28-Mar-2019	The Vanguard Group, Inc.	SELL	25.95	Ordinary	(10,139)	(10,139)
29-Mar-2019	The Vanguard Group, Inc.	SELL	25.96	Ordinary	(4,500)	(4,500)
29-Mar-2019	The Vanguard Group, Inc.	BUY	25.92	Ordinary	118,546	118,546
29-Mar-2019	The Vanguard Group, Inc.	BUY	25.95	Ordinary	2,801	2,801
29-Mar-2019	The Vanguard Group, Inc.	BUY	25.92	Ordinary	1,765	1,765
29-Mar-2019	The Vanguard Group, Inc.	SELL	25.92	Ordinary	(46,392)	(46,392)
1-Apr-2019	The Vanguard Group, Inc.	BUY	26.36	Ordinary	14,908	14,908
1-Apr-2019	The Vanguard Group, Inc.	BUY	26.36	Ordinary	4,208	4,208
1-Apr-2019	The Vanguard Group, Inc.	BUY	26.18	Ordinary	3,184	3,184
1-Apr-2019	The Vanguard Group, Inc.	BUY	26.18	Ordinary	1,502	1,502
2-Apr-2019	The Vanguard Group, Inc.	BUY	26.43	Ordinary	85,065	85,065
3-Apr-2019	The Vanguard Group, Inc.	BUY	26.41	Ordinary	80,108	80,108
4-Apr-2019	The Vanguard Group, Inc.	BUY	26.28	Ordinary	14,848	14,848
4-Apr-2019	The Vanguard Group, Inc.	BUY	26.23	Ordinary	865	865
4-Apr-2019	The Vanguard Group, Inc.	BUY	26.23	Ordinary	6,703	6,703
4-Apr-2019	The Vanguard Group, Inc.	SELL	26.23	Ordinary	(26,235)	(26,235)
5-Apr-2019	The Vanguard Group, Inc.	BUY	26.15	Ordinary	4,208	4,208
5-Apr-2019	The Vanguard Group, Inc.	BUY	26.15	Ordinary	11,400	11,400
5-Apr-2019	The Vanguard Group, Inc.	BUY	26.11	Ordinary	413	413
8-Apr-2019	The Vanguard Group, Inc.	SELL	25.92	Ordinary	(10,800)	(10,800)
8-Apr-2019	The Vanguard Group, Inc.	BUY	25.92	Ordinary	4,208	4,208
9-Apr-2019	The Vanguard Group, Inc.	BUY	25.77	Ordinary	94,300	94,300
9-Apr-2019	The Vanguard Group, Inc.	SELL	25.84	Ordinary	(20,381)	(20,381)
10-Apr-2019	The Vanguard Group, Inc.	BUY	25.73	Ordinary	29,045	29,045
10-Apr-2019	The Vanguard Group, Inc.	BUY	25.90	Ordinary	1,960	1,960
10-Apr-2019	The Vanguard Group, Inc.	BUY	25.73	Ordinary	11,284	11,284
10-Apr-2019	The Vanguard Group, Inc.	BUY	25.90	Ordinary	5,407	5,407
10-Apr-2019	The Vanguard Group, Inc.	BUY	25.90	Ordinary	82,503	82,503
12-Apr-2019	The Vanguard Group, Inc.	BUY	25.80	Ordinary	26,310	26,310

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12-Apr-2019	The Vanguard Group, Inc.	BUY	25.92	Ordinary	29,074	29,074
12-Apr-2019	The Vanguard Group, Inc.	BUY	25.80	Ordinary	437	437
15-Apr-2019	The Vanguard Group, Inc.	BUY	26.00	Ordinary	15,381	15,381
15-Apr-2019	The Vanguard Group, Inc.	SELL	26.01	Ordinary	(6,300)	(6,300)
15-Apr-2019	The Vanguard Group, Inc.	BUY	26.00	Ordinary	5,716	5,716
16-Apr-2019	The Vanguard Group, Inc.	BUY	26.45	Ordinary	2,016	2,016
16-Apr-2019	The Vanguard Group, Inc.	BUY	26.08	Ordinary	27,026	27,026
16-Apr-2019	The Vanguard Group, Inc.	BUY	26.41	Ordinary	1,765	1,765
17-Apr-2019	The Vanguard Group, Inc.	BUY	26.68	Ordinary	45,185	45,185
18-Apr-2019	The Vanguard Group, Inc.	BUY	26.83	Ordinary	42,921	42,921
23-Apr-2019	The Vanguard Group, Inc.	SELL	27.25	Ordinary	(3,600)	(3,600)
23-Apr-2019	The Vanguard Group, Inc.	BUY	27.25	Ordinary	12,114	12,114
23-Apr-2019	The Vanguard Group, Inc.	SELL	27.16	Ordinary	(19,220)	(19,220)
23-Apr-2019	The Vanguard Group, Inc.	BUY	27.16	Ordinary	6,692	6,692
24-Apr-2019	The Vanguard Group, Inc.	SELL	27.58	Ordinary	(41,526)	(41,526)
24-Apr-2019	The Vanguard Group, Inc.	BUY	27.41	Ordinary	75,876	75,876
24-Apr-2019	The Vanguard Group, Inc.	BUY	27.41	Ordinary	304	304
24-Apr-2019	The Vanguard Group, Inc.	BUY	27.58	Ordinary	3,273	3,273
24-Apr-2019	The Vanguard Group, Inc.	SELL	27.40	Ordinary	(14,410)	(14,410)
25-Apr-2019	The Vanguard Group, Inc.	SELL	27.59	Ordinary	(4,500)	(4,500)
26-Apr-2019	The Vanguard Group, Inc.	BUY	27.76	Ordinary	18,635	18,635
26-Apr-2019	The Vanguard Group, Inc.	SELL	27.76	Ordinary	(4,500)	(4,500)
26-Apr-2019	The Vanguard Group, Inc.	SELL	27.60	Ordinary	(1,499)	(1,499)
26-Apr-2019	The Vanguard Group, Inc.	BUY	27.59	Ordinary	114,266	114,266
26-Apr-2019	The Vanguard Group, Inc.	BUY	27.60	Ordinary	1,850	1,850
30-Apr-2019	The Vanguard Group, Inc.	BUY	27.56	Ordinary	3,024	3,024
30-Apr-2019	The Vanguard Group, Inc.	BUY	27.54	Ordinary	6,399	6,399
1-May-2019	The Vanguard Group, Inc.	BUY	27.70	Ordinary	451	451
3-May-2019	The Vanguard Group, Inc.	BUY	27.36	Ordinary	49,384	49,384
3-May-2019	The Vanguard Group, Inc.	BUY	27.45	Ordinary	6,703	6,703
3-May-2019	The Vanguard Group, Inc.	BUY	27.44	Ordinary	3,614	3,614
6-May-2019	The Vanguard Group, Inc.	SELL	27.24	Ordinary	(19,332)	(19,332)
7-May-2019	The Vanguard Group, Inc.	BUY	27.31	Ordinary	12,303	12,303
7-May-2019	The Vanguard Group, Inc.	BUY	27.31	Ordinary	45,200	45,200
7-May-2019	The Vanguard Group, Inc.	BUY	27.31	Ordinary	84,432	84,432
7-May-2019	The Vanguard Group, Inc.	BUY	26.91	Ordinary	7,240	7,240
7-May-2019	The Vanguard Group, Inc.	BUY	27.06	Ordinary	1,315	1,315
7-May-2019	The Vanguard Group, Inc.	BUY	27.32	Ordinary	6,703	6,703
7-May-2019	The Vanguard Group, Inc.	BUY	27.06	Ordinary	840	840
8-May-2019	The Vanguard Group, Inc.	SELL	27.11	Ordinary	(19,332)	(19,332)
8-May-2019	The Vanguard Group, Inc.	BUY	27.03	Ordinary	21,818	21,818
8-May-2019	The Vanguard Group, Inc.	BUY	27.11	Ordinary	3,024	3,024
8-May-2019	The Vanguard Group, Inc.	BUY	27.03	Ordinary	82,115	82,115
8-May-2019	The Vanguard Group, Inc.	BUY	27.14	Ordinary	1,230	1,230
8-May-2019	The Vanguard Group, Inc.	BUY	27.03	Ordinary	23,842	23,842
8-May-2019	The Vanguard Group, Inc.	BUY	27.14	Ordinary	2,517	2,517
9-May-2019	The Vanguard Group, Inc.	BUY	27.04	Ordinary	22,200	22,200
9-May-2019	The Vanguard Group, Inc.	BUY	27.04	Ordinary	4,196	4,196
9-May-2019	The Vanguard Group, Inc.	BUY	27.15	Ordinary	51,949	51,949
9-May-2019	The Vanguard Group, Inc.	BUY	27.06	Ordinary	528	528
10-May-2019	The Vanguard Group, Inc.	BUY	27.11	Ordinary	18,419	18,419
10-May-2019	The Vanguard Group, Inc.	BUY	27.11	Ordinary	53,659	53,659
10-May-2019	The Vanguard Group, Inc.	BUY	27.22	Ordinary	3,707	3,707
10-May-2019	The Vanguard Group, Inc.	BUY	27.22	Ordinary	1,230	1,230
10-May-2019	The Vanguard Group, Inc.	SELL	27.22	Ordinary	(54,095)	(54,095)
13-May-2019	The Vanguard Group, Inc.	BUY	27.30	Ordinary	9,768	9,768
13-May-2019	The Vanguard Group, Inc.	BUY	27.12	Ordinary	1,508	1,508
14-May-2019	The Vanguard Group, Inc.	SELL	26.98	Ordinary	(19,332)	(19,332)
14-May-2019	The Vanguard Group, Inc.	BUY	26.98	Ordinary	9,360	9,360
14-May-2019	The Vanguard Group, Inc.	BUY	26.98	Ordinary	2,098	2,098
14-May-2019	The Vanguard Group, Inc.	BUY	26.99	Ordinary	53,883	53,883
14-May-2019	The Vanguard Group, Inc.	BUY	26.90	Ordinary	549	549
14-May-2019	The Vanguard Group, Inc.	BUY	26.99	Ordinary	15,263	15,263
14-May-2019	The Vanguard Group, Inc.	BUY	26.99	Ordinary	1,052	1,052
14-May-2019	The Vanguard Group, Inc.	BUY	26.84	Ordinary	1,765	1,765
15-May-2019	The Vanguard Group, Inc.	BUY	26.98	Ordinary	101,744	101,744
15-May-2019	The Vanguard Group, Inc.	BUY	26.89	Ordinary	45,297	45,297
16-May-2019	The Vanguard Group, Inc.	BUY	25.82	Ordinary	6,073	6,073
16-May-2019	The Vanguard Group, Inc.	BUY	25.82	Ordinary	49,453	49,453
16-May-2019	The Vanguard Group, Inc.	BUY	25.83	Ordinary	534,784	534,784
17-May-2019	The Vanguard Group, Inc.	BUY	25.72	Ordinary	48,871	48,871

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17-May-2019	The Vanguard Group, Inc.	BUY	25.72	Ordinary	88,366	88,366
17-May-2019	The Vanguard Group, Inc.	BUY	25.72	Ordinary	551	551
17-May-2019	The Vanguard Group, Inc.	BUY	25.41	Ordinary	2,517	2,517
20-May-2019	The Vanguard Group, Inc.	BUY	27.52	Ordinary	7,240	7,240
21-May-2019	The Vanguard Group, Inc.	BUY	28.40	Ordinary	20,433	20,433
21-May-2019	The Vanguard Group, Inc.	BUY	28.40	Ordinary	160,865	160,865
21-May-2019	The Vanguard Group, Inc.	BUY	28.50	Ordinary	475	475
21-May-2019	The Vanguard Group, Inc.	BUY	28.50	Ordinary	16,250	16,250
22-May-2019	The Vanguard Group, Inc.	BUY	28.52	Ordinary	12,827	12,827
22-May-2019	The Vanguard Group, Inc.	BUY	28.52	Ordinary	121,612	121,612
22-May-2019	The Vanguard Group, Inc.	BUY	28.81	Ordinary	15,968	15,968
23-May-2019	The Vanguard Group, Inc.	BUY	28.43	Ordinary	48,740	48,740
24-May-2019	The Vanguard Group, Inc.	BUY	27.86	Ordinary	37,877	37,877
24-May-2019	The Vanguard Group, Inc.	BUY	27.86	Ordinary	597	597
24-May-2019	The Vanguard Group, Inc.	BUY	28.12	Ordinary	5,667	5,667
28-May-2019	The Vanguard Group, Inc.	BUY	27.71	Ordinary	18,500	18,500
28-May-2019	The Vanguard Group, Inc.	SELL	27.87	Ordinary	(44,992)	(44,992)
28-May-2019	The Vanguard Group, Inc.	BUY	27.87	Ordinary	41,636	41,636
29-May-2019	The Vanguard Group, Inc.	BUY	27.78	Ordinary	6,422	6,422
29-May-2019	The Vanguard Group, Inc.	SELL	27.71	Ordinary	(9,000)	(9,000)
29-May-2019	The Vanguard Group, Inc.	BUY	27.78	Ordinary	32,128	32,128
29-May-2019	The Vanguard Group, Inc.	SELL	27.74	Ordinary	(2,489)	(2,489)
29-May-2019	The Vanguard Group, Inc.	BUY	27.74	Ordinary	3,328	3,328
30-May-2019	The Vanguard Group, Inc.	BUY	27.56	Ordinary	85,348	85,348
30-May-2019	The Vanguard Group, Inc.	BUY	27.56	Ordinary	59	59
30-May-2019	The Vanguard Group, Inc.	BUY	27.62	Ordinary	1,230	1,230
31-May-2019	The Vanguard Group, Inc.	BUY	27.51	Ordinary	3,021	3,021
31-May-2019	The Vanguard Group, Inc.	BUY	27.51	Ordinary	50,299	50,299
31-May-2019	The Vanguard Group, Inc.	SELL	27.44	Ordinary	(95,325)	(95,325)
3-Jun-2019	The Vanguard Group, Inc.	BUY	27.23	Ordinary	8,802	8,802
3-Jun-2019	The Vanguard Group, Inc.	BUY	27.16	Ordinary	7,240	7,240
3-Jun-2019	The Vanguard Group, Inc.	SELL	27.23	Ordinary	(1,395)	(1,395)
4-Jun-2019	The Vanguard Group, Inc.	SELL	27.56	Ordinary	(4,500)	(4,500)
4-Jun-2019	The Vanguard Group, Inc.	BUY	27.17	Ordinary	9,293	9,293
4-Jun-2019	The Vanguard Group, Inc.	BUY	27.17	Ordinary	33,644	33,644
5-Jun-2019	The Vanguard Group, Inc.	SELL	27.75	Ordinary	(12,888)	(12,888)
5-Jun-2019	The Vanguard Group, Inc.	SELL	27.75	Ordinary	(25,776)	(25,776)
5-Jun-2019	The Vanguard Group, Inc.	SELL	27.36	Ordinary	(630)	(630)
5-Jun-2019	The Vanguard Group, Inc.	BUY	27.48	Ordinary	60,071	60,071
5-Jun-2019	The Vanguard Group, Inc.	SELL	27.62	Ordinary	(6,769)	(6,769)
6-Jun-2019	The Vanguard Group, Inc.	BUY	27.94	Ordinary	4,196	4,196
6-Jun-2019	The Vanguard Group, Inc.	BUY	27.71	Ordinary	355	355
6-Jun-2019	The Vanguard Group, Inc.	BUY	27.83	Ordinary	1,818	1,818
6-Jun-2019	The Vanguard Group, Inc.	SELL	27.83	Ordinary	(114,771)	(114,771)
7-Jun-2019	The Vanguard Group, Inc.	BUY	28.03	Ordinary	4,342	4,342
7-Jun-2019	The Vanguard Group, Inc.	BUY	28.03	Ordinary	2,016	2,016
7-Jun-2019	The Vanguard Group, Inc.	BUY	27.93	Ordinary	105,712	105,712
7-Jun-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	853	853
7-Jun-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	5,623	5,623
10-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	3,024	3,024
10-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	8,688	8,688
11-Jun-2019	The Vanguard Group, Inc.	SELL	28.30	Ordinary	(16,110)	(16,110)
11-Jun-2019	The Vanguard Group, Inc.	BUY	28.12	Ordinary	25,650	25,650
11-Jun-2019	The Vanguard Group, Inc.	BUY	28.30	Ordinary	407	407
11-Jun-2019	The Vanguard Group, Inc.	BUY	28.12	Ordinary	67	67
11-Jun-2019	The Vanguard Group, Inc.	BUY	28.30	Ordinary	1,230	1,230
11-Jun-2019	The Vanguard Group, Inc.	BUY	28.30	Ordinary	769	769
12-Jun-2019	The Vanguard Group, Inc.	BUY	28.35	Ordinary	25,860	25,860
12-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	8,688	8,688
12-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	2,498	2,498
12-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	56,057	56,057
13-Jun-2019	The Vanguard Group, Inc.	SELL	28.13	Ordinary	(110,209)	(110,209)
13-Jun-2019	The Vanguard Group, Inc.	BUY	28.21	Ordinary	2,896	2,896
14-Jun-2019	The Vanguard Group, Inc.	SELL	27.99	Ordinary	(9,666)	(9,666)
14-Jun-2019	The Vanguard Group, Inc.	BUY	27.99	Ordinary	2,020	2,020
14-Jun-2019	The Vanguard Group, Inc.	BUY	27.99	Ordinary	2,020	2,020
14-Jun-2019	The Vanguard Group, Inc.	SELL	27.81	Ordinary	(91,279)	(91,279)
14-Jun-2019	The Vanguard Group, Inc.	SELL	27.81	Ordinary	(210)	(210)
14-Jun-2019	The Vanguard Group, Inc.	SELL	27.81	Ordinary	(52)	(52)
17-Jun-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	1,818	1,818
17-Jun-2019	The Vanguard Group, Inc.	SELL	27.98	Ordinary	(28,447)	(28,447)

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18-Jun-2019	The Vanguard Group, Inc.	SELL	27.85	Ordinary	(26,357)	(26,357)
18-Jun-2019	The Vanguard Group, Inc.	BUY	28.30	Ordinary	4,342	4,342
18-Jun-2019	The Vanguard Group, Inc.	BUY	27.90	Ordinary	52,261	52,261
19-Jun-2019	The Vanguard Group, Inc.	BUY	28.41	Ordinary	56,876	56,876
19-Jun-2019	The Vanguard Group, Inc.	BUY	28.41	Ordinary	586	586
19-Jun-2019	The Vanguard Group, Inc.	SELL	28.41	Ordinary	(13,963)	(13,963)
20-Jun-2019	The Vanguard Group, Inc.	BUY	28.40	Ordinary	7,240	7,240
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	147,243	147,243
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	1,305	1,305
21-Jun-2019	The Vanguard Group, Inc.	SELL	28.23	Ordinary	(3,955)	(3,955)
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.24	Ordinary	3,620	3,620
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	347	347
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	1,657	1,657
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	12	12
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	1,352	1,352
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	80	80
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	4,483	4,483
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	39	39
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	13	13
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	1,521	1,521
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	916	916
21-Jun-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	8	8
24-Jun-2019	The Vanguard Group, Inc.	BUY	28.32	Ordinary	18,720	18,720
24-Jun-2019	The Vanguard Group, Inc.	BUY	28.33	Ordinary	1,168	1,168
25-Jun-2019	The Vanguard Group, Inc.	SELL	28.28	Ordinary	(9,666)	(9,666)
25-Jun-2019	The Vanguard Group, Inc.	BUY	28.29	Ordinary	22,271	22,271
25-Jun-2019	The Vanguard Group, Inc.	BUY	28.28	Ordinary	4,344	4,344
25-Jun-2019	The Vanguard Group, Inc.	BUY	28.28	Ordinary	6,516	6,516
25-Jun-2019	The Vanguard Group, Inc.	BUY	28.29	Ordinary	47,938	47,938
25-Jun-2019	The Vanguard Group, Inc.	BUY	28.28	Ordinary	7,100	7,100
26-Jun-2019	The Vanguard Group, Inc.	BUY	28.20	Ordinary	14,201	14,201
26-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	5,068	5,068
26-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	8,688	8,688
26-Jun-2019	The Vanguard Group, Inc.	BUY	28.20	Ordinary	405	405
26-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	6,769	6,769
26-Jun-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	9,640	9,640
27-Jun-2019	The Vanguard Group, Inc.	BUY	28.08	Ordinary	23,937	23,937
27-Jun-2019	The Vanguard Group, Inc.	BUY	28.08	Ordinary	8,735	8,735
27-Jun-2019	The Vanguard Group, Inc.	BUY	28.08	Ordinary	34,770	34,770
27-Jun-2019	The Vanguard Group, Inc.	SELL	28.14	Ordinary	(2,738)	(2,738)
28-Jun-2019	The Vanguard Group, Inc.	BUY	28.39	Ordinary	9,750	9,750
28-Jun-2019	The Vanguard Group, Inc.	BUY	28.36	Ordinary	112,994	112,994
28-Jun-2019	The Vanguard Group, Inc.	SELL	28.36	Ordinary	(385)	(385)
28-Jun-2019	The Vanguard Group, Inc.	SELL	28.36	Ordinary	(126)	(126)
1-Jul-2019	The Vanguard Group, Inc.	BUY	28.50	Ordinary	1,950	1,950
1-Jul-2019	The Vanguard Group, Inc.	BUY	28.46	Ordinary	5,062	5,062
1-Jul-2019	The Vanguard Group, Inc.	BUY	28.46	Ordinary	2,069	2,069
2-Jul-2019	The Vanguard Group, Inc.	BUY	28.05	Ordinary	6,516	6,516
2-Jul-2019	The Vanguard Group, Inc.	SELL	27.93	Ordinary	(66)	(66)
2-Jul-2019	The Vanguard Group, Inc.	BUY	28.39	Ordinary	11,774	11,774
2-Jul-2019	The Vanguard Group, Inc.	BUY	27.93	Ordinary	63,834	63,834
3-Jul-2019	The Vanguard Group, Inc.	BUY	27.61	Ordinary	13,001	13,001
3-Jul-2019	The Vanguard Group, Inc.	BUY	27.61	Ordinary	2,236	2,236
3-Jul-2019	The Vanguard Group, Inc.	BUY	27.61	Ordinary	35,353	35,353
4-Jul-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	492	492
4-Jul-2019	The Vanguard Group, Inc.	BUY	28.25	Ordinary	30,871	30,871
5-Jul-2019	The Vanguard Group, Inc.	BUY	28.43	Ordinary	15,496	15,496
5-Jul-2019	The Vanguard Group, Inc.	BUY	28.35	Ordinary	937	937
8-Jul-2019	The Vanguard Group, Inc.	BUY	28.44	Ordinary	1,109	1,109
9-Jul-2019	The Vanguard Group, Inc.	BUY	27.95	Ordinary	33,891	33,891
9-Jul-2019	The Vanguard Group, Inc.	BUY	28.04	Ordinary	7,240	7,240
9-Jul-2019	The Vanguard Group, Inc.	BUY	27.89	Ordinary	1,818	1,818
10-Jul-2019	The Vanguard Group, Inc.	BUY	28.05	Ordinary	27,874	27,874
10-Jul-2019	The Vanguard Group, Inc.	BUY	28.05	Ordinary	16,026	16,026
10-Jul-2019	The Vanguard Group, Inc.	BUY	28.05	Ordinary	39,291	39,291
10-Jul-2019	The Vanguard Group, Inc.	BUY	27.87	Ordinary	10,241	10,241
11-Jul-2019	The Vanguard Group, Inc.	BUY	27.76	Ordinary	2,914	2,914
11-Jul-2019	The Vanguard Group, Inc.	BUY	27.76	Ordinary	1,075	1,075
12-Jul-2019	The Vanguard Group, Inc.	BUY	27.99	Ordinary	14,821	14,821
12-Jul-2019	The Vanguard Group, Inc.	SELL	28.02	Ordinary	(16,116)	(16,116)
12-Jul-2019	The Vanguard Group, Inc.	BUY	27.99	Ordinary	29,954	29,954

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12-Jul-2019	The Vanguard Group, Inc.	SELL	28.02	Ordinary	(52,510)	(52,510)
15-Jul-2019	The Vanguard Group, Inc.	BUY	27.79	Ordinary	23,244	23,244
15-Jul-2019	The Vanguard Group, Inc.	SELL	27.81	Ordinary	(3,979)	(3,979)
16-Jul-2019	The Vanguard Group, Inc.	BUY	27.72	Ordinary	35,480	35,480
17-Jul-2019	The Vanguard Group, Inc.	BUY	27.64	Ordinary	37,067	37,067
17-Jul-2019	The Vanguard Group, Inc.	BUY	27.64	Ordinary	7,240	7,240
17-Jul-2019	The Vanguard Group, Inc.	BUY	27.64	Ordinary	5,068	5,068
17-Jul-2019	The Vanguard Group, Inc.	BUY	27.64	Ordinary	3,620	3,620
17-Jul-2019	The Vanguard Group, Inc.	SELL	27.68	Ordinary	(2,054)	(2,054)
18-Jul-2019	The Vanguard Group, Inc.	BUY	27.76	Ordinary	27,127	27,127
18-Jul-2019	The Vanguard Group, Inc.	BUY	27.58	Ordinary	1,371	1,371
18-Jul-2019	The Vanguard Group, Inc.	SELL	27.76	Ordinary	(5,812)	(5,812)
19-Jul-2019	The Vanguard Group, Inc.	BUY	27.90	Ordinary	4,240	4,240
22-Jul-2019	The Vanguard Group, Inc.	BUY	27.93	Ordinary	19,370	19,370
22-Jul-2019	The Vanguard Group, Inc.	BUY	27.93	Ordinary	19,370	19,370
22-Jul-2019	The Vanguard Group, Inc.	BUY	27.93	Ordinary	4,240	4,240
22-Jul-2019	The Vanguard Group, Inc.	BUY	27.93	Ordinary	7,240	7,240
22-Jul-2019	The Vanguard Group, Inc.	SELL	27.84	Ordinary	(60,727)	(60,727)
23-Jul-2019	The Vanguard Group, Inc.	BUY	28.06	Ordinary	7,240	7,240
23-Jul-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	10,274	10,274
23-Jul-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	514	514
23-Jul-2019	The Vanguard Group, Inc.	BUY	27.92	Ordinary	6,019	6,019
23-Jul-2019	The Vanguard Group, Inc.	BUY	27.92	Ordinary	1,230	1,230
24-Jul-2019	The Vanguard Group, Inc.	BUY	28.19	Ordinary	57,627	57,627
25-Jul-2019	The Vanguard Group, Inc.	BUY	28.71	Ordinary	7,215	7,215
25-Jul-2019	The Vanguard Group, Inc.	BUY	28.59	Ordinary	25,367	25,367
26-Jul-2019	The Vanguard Group, Inc.	BUY	28.67	Ordinary	12,025	12,025
26-Jul-2019	The Vanguard Group, Inc.	BUY	28.67	Ordinary	4,240	4,240
26-Jul-2019	The Vanguard Group, Inc.	BUY	28.67	Ordinary	6,516	6,516
26-Jul-2019	The Vanguard Group, Inc.	BUY	28.80	Ordinary	28,780	28,780
26-Jul-2019	The Vanguard Group, Inc.	BUY	28.57	Ordinary	931	931
26-Jul-2019	The Vanguard Group, Inc.	SELL	28.57	Ordinary	(13,426)	(13,426)
29-Jul-2019	The Vanguard Group, Inc.	SELL	28.71	Ordinary	(74,842)	(74,842)
30-Jul-2019	The Vanguard Group, Inc.	SELL	28.99	Ordinary	(12,888)	(12,888)
30-Jul-2019	The Vanguard Group, Inc.	SELL	28.90	Ordinary	(1,106)	(1,106)
30-Jul-2019	The Vanguard Group, Inc.	BUY	28.99	Ordinary	1,938	1,938
30-Jul-2019	The Vanguard Group, Inc.	BUY	29.02	Ordinary	6,767	6,767
30-Jul-2019	The Vanguard Group, Inc.	BUY	29.00	Ordinary	44,566	44,566
31-Jul-2019	The Vanguard Group, Inc.	BUY	28.69	Ordinary	6,516	6,516
1-Aug-2019	The Vanguard Group, Inc.	BUY	28.72	Ordinary	34,866	34,866
1-Aug-2019	The Vanguard Group, Inc.	BUY	28.73	Ordinary	140,497	140,497
1-Aug-2019	The Vanguard Group, Inc.	SELL	28.59	Ordinary	(1,785)	(1,785)
1-Aug-2019	The Vanguard Group, Inc.	SELL	28.59	Ordinary	(2,218)	(2,218)
1-Aug-2019	The Vanguard Group, Inc.	SELL	28.80	Ordinary	(129,361)	(129,361)
2-Aug-2019	The Vanguard Group, Inc.	BUY	28.82	Ordinary	9,620	9,620
2-Aug-2019	The Vanguard Group, Inc.	BUY	28.82	Ordinary	91,466	91,466
2-Aug-2019	The Vanguard Group, Inc.	BUY	28.82	Ordinary	560	560
5-Aug-2019	The Vanguard Group, Inc.	SELL	28.27	Ordinary	(1,800)	(1,800)
5-Aug-2019	The Vanguard Group, Inc.	SELL	28.27	Ordinary	(4,500)	(4,500)
5-Aug-2019	The Vanguard Group, Inc.	BUY	28.27	Ordinary	12,025	12,025
5-Aug-2019	The Vanguard Group, Inc.	BUY	28.81	Ordinary	5,980	5,980
5-Aug-2019	The Vanguard Group, Inc.	BUY	28.27	Ordinary	7,240	7,240
5-Aug-2019	The Vanguard Group, Inc.	BUY	28.47	Ordinary	2,460	2,460
6-Aug-2019	The Vanguard Group, Inc.	SELL	27.98	Ordinary	(7,200)	(7,200)
6-Aug-2019	The Vanguard Group, Inc.	SELL	27.98	Ordinary	(15,300)	(15,300)
6-Aug-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	2,120	2,120
6-Aug-2019	The Vanguard Group, Inc.	BUY	27.98	Ordinary	1,938	1,938
6-Aug-2019	The Vanguard Group, Inc.	BUY	27.61	Ordinary	85,624	85,624
6-Aug-2019	The Vanguard Group, Inc.	BUY	27.73	Ordinary	1,856	1,856
6-Aug-2019	The Vanguard Group, Inc.	BUY	27.74	Ordinary	33,210	33,210
6-Aug-2019	The Vanguard Group, Inc.	BUY	27.73	Ordinary	6,888	6,888
7-Aug-2019	The Vanguard Group, Inc.	BUY	27.85	Ordinary	29,541	29,541
7-Aug-2019	The Vanguard Group, Inc.	SELL	27.72	Ordinary	(1,321)	(1,321)
7-Aug-2019	The Vanguard Group, Inc.	BUY	27.85	Ordinary	46,013	46,013
7-Aug-2019	The Vanguard Group, Inc.	BUY	27.85	Ordinary	95,232	95,232
8-Aug-2019	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(16,110)	(16,110)
8-Aug-2019	The Vanguard Group, Inc.	BUY	27.62	Ordinary	29,879	29,879
8-Aug-2019	The Vanguard Group, Inc.	BUY	28.06	Ordinary	5,168	5,168
9-Aug-2019	The Vanguard Group, Inc.	BUY	28.28	Ordinary	6,360	6,360
9-Aug-2019	The Vanguard Group, Inc.	BUY	28.22	Ordinary	45,503	45,503
9-Aug-2019	The Vanguard Group, Inc.	BUY	28.22	Ordinary	1,528	1,528

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12-Aug-2019	The Vanguard Group, Inc.	BUY	28.28	Ordinary	11,584	11,584
12-Aug-2019	The Vanguard Group, Inc.	BUY	28.21	Ordinary	313	313
12-Aug-2019	The Vanguard Group, Inc.	BUY	28.41	Ordinary	1,242	1,242
13-Aug-2019	The Vanguard Group, Inc.	SELL	28.49	Ordinary	(22,554)	(22,554)
13-Aug-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	20,201	20,201
13-Aug-2019	The Vanguard Group, Inc.	BUY	28.49	Ordinary	4,240	4,240
13-Aug-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	33,093	33,093
13-Aug-2019	The Vanguard Group, Inc.	BUY	28.34	Ordinary	2,239	2,239
14-Aug-2019	The Vanguard Group, Inc.	BUY	28.60	Ordinary	10,485	10,485
14-Aug-2019	The Vanguard Group, Inc.	BUY	28.60	Ordinary	36,953	36,953
14-Aug-2019	The Vanguard Group, Inc.	BUY	28.52	Ordinary	1,818	1,818
14-Aug-2019	The Vanguard Group, Inc.	SELL	28.62	Ordinary	(8,501)	(8,501)
14-Aug-2019	The Vanguard Group, Inc.	BUY	28.52	Ordinary	3,615	3,615
15-Aug-2019	The Vanguard Group, Inc.	SELL	27.59	Ordinary	(19,332)	(19,332)
15-Aug-2019	The Vanguard Group, Inc.	BUY	27.95	Ordinary	5,014	5,014
15-Aug-2019	The Vanguard Group, Inc.	BUY	27.95	Ordinary	91,607	91,607
15-Aug-2019	The Vanguard Group, Inc.	BUY	27.95	Ordinary	33	33
15-Aug-2019	The Vanguard Group, Inc.	BUY	27.61	Ordinary	2,484	2,484
16-Aug-2019	The Vanguard Group, Inc.	BUY	27.63	Ordinary	93,922	93,922
16-Aug-2019	The Vanguard Group, Inc.	BUY	27.82	Ordinary	48,325	48,325
16-Aug-2019	The Vanguard Group, Inc.	BUY	27.82	Ordinary	2,056	2,056
16-Aug-2019	The Vanguard Group, Inc.	BUY	27.82	Ordinary	8,750	8,750
19-Aug-2019	The Vanguard Group, Inc.	BUY	28.15	Ordinary	1,938	1,938
19-Aug-2019	The Vanguard Group, Inc.	SELL	28.03	Ordinary	(2,443)	(2,443)
19-Aug-2019	The Vanguard Group, Inc.	BUY	27.96	Ordinary	12,240	12,240
19-Aug-2019	The Vanguard Group, Inc.	BUY	28.03	Ordinary	37,139	37,139
20-Aug-2019	The Vanguard Group, Inc.	SELL	27.94	Ordinary	(3,600)	(3,600)
20-Aug-2019	The Vanguard Group, Inc.	BUY	27.94	Ordinary	1,938	1,938
20-Aug-2019	The Vanguard Group, Inc.	BUY	28.07	Ordinary	62,205	62,205
20-Aug-2019	The Vanguard Group, Inc.	BUY	28.07	Ordinary	158	158
20-Aug-2019	The Vanguard Group, Inc.	SELL	28.16	Ordinary	(5,252)	(5,252)
22-Aug-2019	The Vanguard Group, Inc.	SELL	27.76	Ordinary	(57,537)	(57,537)
22-Aug-2019	The Vanguard Group, Inc.	BUY	27.80	Ordinary	14,480	14,480
22-Aug-2019	The Vanguard Group, Inc.	BUY	27.81	Ordinary	219	219
23-Aug-2019	The Vanguard Group, Inc.	BUY	27.43	Ordinary	1,938	1,938
23-Aug-2019	The Vanguard Group, Inc.	BUY	27.73	Ordinary	5,353	5,353
27-Aug-2019	The Vanguard Group, Inc.	BUY	27.64	Ordinary	62,601	62,601
27-Aug-2019	The Vanguard Group, Inc.	BUY	27.62	Ordinary	6,335	6,335
27-Aug-2019	The Vanguard Group, Inc.	SELL	27.63	Ordinary	(15,144)	(15,144)
28-Aug-2019	The Vanguard Group, Inc.	BUY	27.59	Ordinary	18,097	18,097
28-Aug-2019	The Vanguard Group, Inc.	SELL	27.59	Ordinary	(6,120)	(6,120)
29-Aug-2019	The Vanguard Group, Inc.	BUY	27.64	Ordinary	48,799	48,799
30-Aug-2019	The Vanguard Group, Inc.	BUY	28.22	Ordinary	45,029	45,029
30-Aug-2019	The Vanguard Group, Inc.	BUY	27.82	Ordinary	37,608	37,608
2-Sep-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	374	374
2-Sep-2019	The Vanguard Group, Inc.	BUY	28.23	Ordinary	34,530	34,530
5-Sep-2019	The Vanguard Group, Inc.	BUY	28.50	Ordinary	62,650	62,650
6-Sep-2019	The Vanguard Group, Inc.	SELL	28.62	Ordinary	(1,139)	(1,139)
6-Sep-2019	The Vanguard Group, Inc.	BUY	28.62	Ordinary	17,182	17,182
6-Sep-2019	The Vanguard Group, Inc.	BUY	28.63	Ordinary	1,518	1,518
6-Sep-2019	The Vanguard Group, Inc.	BUY	28.63	Ordinary	1,818	1,818
6-Sep-2019	The Vanguard Group, Inc.	SELL	28.62	Ordinary	(7,176)	(7,176)
9-Sep-2019	The Vanguard Group, Inc.	BUY	28.98	Ordinary	9,412	9,412
10-Sep-2019	The Vanguard Group, Inc.	SELL	29.00	Ordinary	(428)	(428)
11-Sep-2019	The Vanguard Group, Inc.	BUY	29.82	Ordinary	9,412	9,412
12-Sep-2019	The Vanguard Group, Inc.	BUY	29.82	Ordinary	7,240	7,240
12-Sep-2019	The Vanguard Group, Inc.	BUY	29.85	Ordinary	27,561	27,561
12-Sep-2019	The Vanguard Group, Inc.	BUY	29.85	Ordinary	436	436
13-Sep-2019	The Vanguard Group, Inc.	SELL	29.78	Ordinary	(901)	(901)
16-Sep-2019	The Vanguard Group, Inc.	BUY	29.61	Ordinary	9,900	9,900
16-Sep-2019	The Vanguard Group, Inc.	BUY	29.61	Ordinary	1,938	1,938
16-Sep-2019	The Vanguard Group, Inc.	BUY	29.54	Ordinary	19,011	19,011
17-Sep-2019	The Vanguard Group, Inc.	BUY	29.63	Ordinary	1,260	1,260
18-Sep-2019	The Vanguard Group, Inc.	BUY	29.66	Ordinary	6,516	6,516
18-Sep-2019	The Vanguard Group, Inc.	SELL	29.54	Ordinary	(13,128)	(13,128)
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	33,947	33,947
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	272,779	272,779
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	6,623	6,623
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	1,402	1,402
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	211	211
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	76	76

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20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	2,542	2,542
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.67	Ordinary	2,012	2,012
20-Sep-2019	The Vanguard Group, Inc.	BUY	29.66	Ordinary	3,296	3,296
23-Sep-2019	The Vanguard Group, Inc.	BUY	29.81	Ordinary	7,240	7,240
24-Sep-2019	The Vanguard Group, Inc.	SELL	29.92	Ordinary	(2,172)	(2,172)
24-Sep-2019	The Vanguard Group, Inc.	BUY	29.92	Ordinary	1,940	1,940
24-Sep-2019	The Vanguard Group, Inc.	BUY	29.92	Ordinary	7,105	7,105
24-Sep-2019	The Vanguard Group, Inc.	BUY	29.92	Ordinary	52,262	52,262
25-Sep-2019	The Vanguard Group, Inc.	BUY	29.99	Ordinary	7,240	7,240
25-Sep-2019	The Vanguard Group, Inc.	BUY	29.79	Ordinary	368	368
25-Sep-2019	The Vanguard Group, Inc.	BUY	29.79	Ordinary	2,244	2,244
25-Sep-2019	The Vanguard Group, Inc.	BUY	29.89	Ordinary	1,063	1,063
25-Sep-2019	The Vanguard Group, Inc.	BUY	29.89	Ordinary	51,377	51,377
26-Sep-2019	The Vanguard Group, Inc.	BUY	30.01	Ordinary	26,402	26,402
26-Sep-2019	The Vanguard Group, Inc.	BUY	29.85	Ordinary	192,941	192,941
26-Sep-2019	The Vanguard Group, Inc.	BUY	30.01	Ordinary	19,891	19,891
27-Sep-2019	The Vanguard Group, Inc.	SELL	29.90	Ordinary	(1,478)	(1,478)
27-Sep-2019	The Vanguard Group, Inc.	BUY	29.90	Ordinary	1,877	1,877
30-Sep-2019	The Vanguard Group, Inc.	BUY	29.59	Ordinary	4,244	4,244
30-Sep-2019	The Vanguard Group, Inc.	SELL	29.64	Ordinary	(1,156)	(1,156)
1-Oct-2019	The Vanguard Group, Inc.	BUY	29.70	Ordinary	68	68
1-Oct-2019	The Vanguard Group, Inc.	BUY	29.70	Ordinary	6,782	6,782
1-Oct-2019	The Vanguard Group, Inc.	BUY	29.70	Ordinary	1,261	1,261
2-Oct-2019	The Vanguard Group, Inc.	BUY	28.86	Ordinary	2,122	2,122
2-Oct-2019	The Vanguard Group, Inc.	BUY	28.86	Ordinary	1,938	1,938
2-Oct-2019	The Vanguard Group, Inc.	BUY	29.21	Ordinary	376	376
2-Oct-2019	The Vanguard Group, Inc.	BUY	29.38	Ordinary	2,709	2,709
3-Oct-2019	The Vanguard Group, Inc.	BUY	28.47	Ordinary	94,948	94,948
4-Oct-2019	The Vanguard Group, Inc.	BUY	28.60	Ordinary	1,938	1,938
4-Oct-2019	The Vanguard Group, Inc.	BUY	28.42	Ordinary	48,779	48,779
4-Oct-2019	The Vanguard Group, Inc.	BUY	28.52	Ordinary	1,106	1,106
4-Oct-2019	The Vanguard Group, Inc.	BUY	28.42	Ordinary	1,268	1,268
7-Oct-2019	The Vanguard Group, Inc.	BUY	28.65	Ordinary	10,340	10,340
8-Oct-2019	The Vanguard Group, Inc.	BUY	28.48	Ordinary	1,938	1,938
8-Oct-2019	The Vanguard Group, Inc.	BUY	28.75	Ordinary	478	478
10-Oct-2019	The Vanguard Group, Inc.	SELL	28.65	Ordinary	(6,510)	(6,510)
10-Oct-2019	The Vanguard Group, Inc.	BUY	28.65	Ordinary	7,240	7,240
10-Oct-2019	The Vanguard Group, Inc.	BUY	28.65	Ordinary	21,720	21,720
15-Oct-2019	The Vanguard Group, Inc.	SELL	28.90	Ordinary	(611)	(611)
15-Oct-2019	The Vanguard Group, Inc.	BUY	29.16	Ordinary	5,792	5,792
16-Oct-2019	The Vanguard Group, Inc.	BUY	29.15	Ordinary	4,244	4,244
16-Oct-2019	The Vanguard Group, Inc.	BUY	29.24	Ordinary	1,268	1,268
17-Oct-2019	The Vanguard Group, Inc.	BUY	29.14	Ordinary	38,180	38,180
17-Oct-2019	The Vanguard Group, Inc.	BUY	29.14	Ordinary	9,787	9,787
18-Oct-2019	The Vanguard Group, Inc.	BUY	28.91	Ordinary	1,375	1,375
21-Oct-2019	The Vanguard Group, Inc.	BUY	28.73	Ordinary	605	605
21-Oct-2019	The Vanguard Group, Inc.	BUY	28.99	Ordinary	4,264	4,264
21-Oct-2019	The Vanguard Group, Inc.	BUY	28.89	Ordinary	1,834	1,834
23-Oct-2019	The Vanguard Group, Inc.	BUY	29.00	Ordinary	404	404
23-Oct-2019	The Vanguard Group, Inc.	BUY	28.98	Ordinary	7,240	7,240
23-Oct-2019	The Vanguard Group, Inc.	BUY	29.00	Ordinary	630	630
24-Oct-2019	The Vanguard Group, Inc.	BUY	29.05	Ordinary	15,780	15,780
25-Oct-2019	The Vanguard Group, Inc.	SELL	29.13	Ordinary	(40,200)	(40,200)
25-Oct-2019	The Vanguard Group, Inc.	BUY	29.13	Ordinary	4,264	4,264
25-Oct-2019	The Vanguard Group, Inc.	BUY	29.13	Ordinary	2,940	2,940
25-Oct-2019	The Vanguard Group, Inc.	BUY	29.05	Ordinary	41,318	41,318
25-Oct-2019	The Vanguard Group, Inc.	SELL	29.05	Ordinary	(103)	(103)
25-Oct-2019	The Vanguard Group, Inc.	BUY	29.05	Ordinary	1,820	1,820
28-Oct-2019	The Vanguard Group, Inc.	BUY	28.99	Ordinary	106,871	106,871
29-Oct-2019	The Vanguard Group, Inc.	SELL	28.73	Ordinary	(33,222)	(33,222)
29-Oct-2019	The Vanguard Group, Inc.	BUY	28.73	Ordinary	2,939	2,939
30-Oct-2019	The Vanguard Group, Inc.	BUY	28.65	Ordinary	10,092	10,092
31-Oct-2019	The Vanguard Group, Inc.	SELL	28.21	Ordinary	(46,948)	(46,948)
1-Nov-2019	The Vanguard Group, Inc.	BUY	27.82	Ordinary	1,103	1,103
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	33,992	33,992
5-Nov-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	17,319	17,319
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	490,497	490,497
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	24,908	24,908
5-Nov-2019	The Vanguard Group, Inc.	SELL	26.50	Ordinary	(1,172)	(1,172)
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	139,386	139,386
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	7,298	7,298

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5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	2,151	2,151
5-Nov-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	12,173	12,173
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	1,270,559	1,270,559
5-Nov-2019	The Vanguard Group, Inc.	SELL	26.50	Ordinary	(475)	(475)
5-Nov-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	4,812	4,812
5-Nov-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	521	521
5-Nov-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	1,244	1,244
5-Nov-2019	The Vanguard Group, Inc.	BUY	26.50	Ordinary	1,342	1,342
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	6,177	6,177
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	2,069	2,069
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	3,404	3,404
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	658	658
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	19,793	19,793
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	18,300	18,300
5-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	1,699	1,699
6-Nov-2019	The Vanguard Group, Inc.	BUY	27.31	Ordinary	12,808	12,808
6-Nov-2019	The Vanguard Group, Inc.	BUY	27.31	Ordinary	2,602	2,602
6-Nov-2019	The Vanguard Group, Inc.	BUY	27.10	Ordinary	7,240	7,240
6-Nov-2019	The Vanguard Group, Inc.	BUY	27.31	Ordinary	105,717	105,717
7-Nov-2019	The Vanguard Group, Inc.	BUY	27.36	Ordinary	8,879	8,879
7-Nov-2019	The Vanguard Group, Inc.	BUY	27.42	Ordinary	5,616	5,616
7-Nov-2019	The Vanguard Group, Inc.	BUY	27.36	Ordinary	42,355	42,355
7-Nov-2019	The Vanguard Group, Inc.	BUY	27.45	Ordinary	1,085	1,085
7-Nov-2019	The Vanguard Group, Inc.	BUY	27.45	Ordinary	10,405	10,405
8-Nov-2019	The Vanguard Group, Inc.	BUY	27.42	Ordinary	41,666	41,666
8-Nov-2019	The Vanguard Group, Inc.	BUY	27.51	Ordinary	1,960	1,960
8-Nov-2019	The Vanguard Group, Inc.	BUY	27.42	Ordinary	437	437
8-Nov-2019	The Vanguard Group, Inc.	BUY	27.42	Ordinary	229	229
8-Nov-2019	The Vanguard Group, Inc.	BUY	27.60	Ordinary	12,202	12,202
8-Nov-2019	The Vanguard Group, Inc.	BUY	27.42	Ordinary	1,835	1,835
11-Nov-2019	The Vanguard Group, Inc.	BUY	27.81	Ordinary	10,136	10,136
11-Nov-2019	The Vanguard Group, Inc.	BUY	27.59	Ordinary	594	594
11-Nov-2019	The Vanguard Group, Inc.	BUY	27.78	Ordinary	806	806
12-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	347	347
12-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	4,393	4,393
12-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	356	356
12-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	58	58
13-Nov-2019	The Vanguard Group, Inc.	BUY	26.49	Ordinary	4,695	4,695
13-Nov-2019	The Vanguard Group, Inc.	BUY	26.79	Ordinary	6,148	6,148
13-Nov-2019	The Vanguard Group, Inc.	BUY	26.79	Ordinary	440	440
13-Nov-2019	The Vanguard Group, Inc.	BUY	26.79	Ordinary	192	192
14-Nov-2019	The Vanguard Group, Inc.	BUY	26.32	Ordinary	22,819	22,819
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	1,819	1,819
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	36,822	36,822
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	17,945	17,945
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	2,601	2,601
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	16,202	16,202
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	471	471
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	2,312	2,312
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	1,964	1,964
14-Nov-2019	The Vanguard Group, Inc.	BUY	25.32	Ordinary	1,670	1,670
14-Nov-2019	The Vanguard Group, Inc.	BUY	26.57	Ordinary	4,677	4,677
15-Nov-2019	The Vanguard Group, Inc.	BUY	26.74	Ordinary	1,960	1,960
15-Nov-2019	The Vanguard Group, Inc.	BUY	26.74	Ordinary	5,792	5,792
15-Nov-2019	The Vanguard Group, Inc.	BUY	26.63	Ordinary	252	252
18-Nov-2019	The Vanguard Group, Inc.	BUY	26.52	Ordinary	6,396	6,396
18-Nov-2019	The Vanguard Group, Inc.	BUY	26.52	Ordinary	7,964	7,964
18-Nov-2019	The Vanguard Group, Inc.	BUY	26.45	Ordinary	3,642	3,642
19-Nov-2019	The Vanguard Group, Inc.	BUY	26.35	Ordinary	9,063	9,063
19-Nov-2019	The Vanguard Group, Inc.	BUY	26.55	Ordinary	1,835	1,835
19-Nov-2019	The Vanguard Group, Inc.	BUY	26.55	Ordinary	2,491	2,491
20-Nov-2019	The Vanguard Group, Inc.	BUY	25.67	Ordinary	1,152	1,152
20-Nov-2019	The Vanguard Group, Inc.	BUY	25.67	Ordinary	1,036	1,036
21-Nov-2019	The Vanguard Group, Inc.	BUY	25.20	Ordinary	1,960	1,960
21-Nov-2019	The Vanguard Group, Inc.	BUY	25.16	Ordinary	560	560
22-Nov-2019	The Vanguard Group, Inc.	SELL	24.96	Ordinary	(2,402)	(2,402)
22-Nov-2019	The Vanguard Group, Inc.	BUY	24.79	Ordinary	11,584	11,584
22-Nov-2019	The Vanguard Group, Inc.	BUY	24.77	Ordinary	470	470
22-Nov-2019	The Vanguard Group, Inc.	BUY	24.77	Ordinary	2,428	2,428
25-Nov-2019	The Vanguard Group, Inc.	BUY	24.50	Ordinary	20,794	20,794
25-Nov-2019	The Vanguard Group, Inc.	BUY	24.53	Ordinary	14,480	14,480

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25-Nov-2019	The Vanguard Group, Inc.	BUY	24.44	Ordinary	1,214	1,214
26-Nov-2019	The Vanguard Group, Inc.	BUY	24.72	Ordinary	4,715	4,715
26-Nov-2019	The Vanguard Group, Inc.	BUY	24.86	Ordinary	2,336	2,336
26-Nov-2019	The Vanguard Group, Inc.	BUY	24.72	Ordinary	980	980
26-Nov-2019	The Vanguard Group, Inc.	BUY	24.86	Ordinary	10,135	10,135
26-Nov-2019	The Vanguard Group, Inc.	BUY	24.86	Ordinary	679	679
26-Nov-2019	The Vanguard Group, Inc.	BUY	24.86	Ordinary	106,276	106,276
27-Nov-2019	The Vanguard Group, Inc.	BUY	24.86	Ordinary	2,132	2,132
27-Nov-2019	The Vanguard Group, Inc.	BUY	24.81	Ordinary	9,711	9,711
27-Nov-2019	The Vanguard Group, Inc.	BUY	24.81	Ordinary	1,214	1,214
27-Nov-2019	The Vanguard Group, Inc.	BUY	24.81	Ordinary	6,936	6,936
29-Nov-2019	The Vanguard Group, Inc.	BUY	24.67	Ordinary	18,860	18,860
29-Nov-2019	The Vanguard Group, Inc.	BUY	24.67	Ordinary	1,960	1,960
29-Nov-2019	The Vanguard Group, Inc.	BUY	24.52	Ordinary	1,214	1,214
29-Nov-2019	The Vanguard Group, Inc.	BUY	24.52	Ordinary	1,835	1,835
29-Nov-2019	The Vanguard Group, Inc.	BUY	24.52	Ordinary	1,053	1,053
2-Dec-2019	The Vanguard Group, Inc.	BUY	24.39	Ordinary	55,090	55,090
3-Dec-2019	The Vanguard Group, Inc.	BUY	24.32	Ordinary	8,528	8,528
3-Dec-2019	The Vanguard Group, Inc.	BUY	24.29	Ordinary	4,405	4,405
3-Dec-2019	The Vanguard Group, Inc.	BUY	24.29	Ordinary	1,835	1,835
3-Dec-2019	The Vanguard Group, Inc.	BUY	24.29	Ordinary	3,670	3,670
4-Dec-2019	The Vanguard Group, Inc.	BUY	24.00	Ordinary	14,074	14,074
4-Dec-2019	The Vanguard Group, Inc.	BUY	24.19	Ordinary	5,792	5,792
4-Dec-2019	The Vanguard Group, Inc.	BUY	24.00	Ordinary	43,042	43,042
4-Dec-2019	The Vanguard Group, Inc.	BUY	24.04	Ordinary	964	964
4-Dec-2019	The Vanguard Group, Inc.	BUY	24.04	Ordinary	2,428	2,428
4-Dec-2019	The Vanguard Group, Inc.	BUY	24.04	Ordinary	31,036	31,036
5-Dec-2019	The Vanguard Group, Inc.	BUY	24.41	Ordinary	5,778	5,778
5-Dec-2019	The Vanguard Group, Inc.	SELL	24.10	Ordinary	(7,971)	(7,971)
6-Dec-2019	The Vanguard Group, Inc.	BUY	24.32	Ordinary	39,954	39,954
6-Dec-2019	The Vanguard Group, Inc.	BUY	24.27	Ordinary	2,165	2,165
6-Dec-2019	The Vanguard Group, Inc.	BUY	24.32	Ordinary	703	703
6-Dec-2019	The Vanguard Group, Inc.	BUY	24.27	Ordinary	62,033	62,033
9-Dec-2019	The Vanguard Group, Inc.	BUY	24.31	Ordinary	3,844	3,844
9-Dec-2019	The Vanguard Group, Inc.	BUY	24.35	Ordinary	11,586	11,586
10-Dec-2019	The Vanguard Group, Inc.	BUY	24.21	Ordinary	1,835	1,835
11-Dec-2019	The Vanguard Group, Inc.	BUY	24.19	Ordinary	1,960	1,960
11-Dec-2019	The Vanguard Group, Inc.	BUY	24.19	Ordinary	1,960	1,960
11-Dec-2019	The Vanguard Group, Inc.	BUY	24.19	Ordinary	8,688	8,688
11-Dec-2019	The Vanguard Group, Inc.	BUY	24.33	Ordinary	35,791	35,791
11-Dec-2019	The Vanguard Group, Inc.	BUY	24.38	Ordinary	650	650
12-Dec-2019	The Vanguard Group, Inc.	BUY	24.06	Ordinary	6,948	6,948
12-Dec-2019	The Vanguard Group, Inc.	BUY	24.06	Ordinary	10,860	10,860
12-Dec-2019	The Vanguard Group, Inc.	BUY	24.08	Ordinary	300	300
12-Dec-2019	The Vanguard Group, Inc.	SELL	24.08	Ordinary	(1,810)	(1,810)
13-Dec-2019	The Vanguard Group, Inc.	SELL	24.29	Ordinary	(2,242)	(2,242)
13-Dec-2019	The Vanguard Group, Inc.	BUY	24.59	Ordinary	4,264	4,264
16-Dec-2019	The Vanguard Group, Inc.	BUY	24.86	Ordinary	1,960	1,960
16-Dec-2019	The Vanguard Group, Inc.	BUY	24.85	Ordinary	4,282	4,282
17-Dec-2019	The Vanguard Group, Inc.	BUY	24.58	Ordinary	14,480	14,480
17-Dec-2019	The Vanguard Group, Inc.	BUY	24.58	Ordinary	7,964	7,964
20-Dec-2019	The Vanguard Group, Inc.	SELL	24.25	Ordinary	(9,882)	(9,882)
20-Dec-2019	The Vanguard Group, Inc.	SELL	24.25	Ordinary	(8,881)	(8,881)
20-Dec-2019	The Vanguard Group, Inc.	BUY	24.25	Ordinary	1,379	1,379
20-Dec-2019	The Vanguard Group, Inc.	SELL	24.25	Ordinary	(135,024)	(135,024)
20-Dec-2019	The Vanguard Group, Inc.	BUY	24.25	Ordinary	22,635	22,635
20-Dec-2019	The Vanguard Group, Inc.	BUY	24.25	Ordinary	701	701
20-Dec-2019	The Vanguard Group, Inc.	BUY	24.26	Ordinary	666	666
20-Dec-2019	The Vanguard Group, Inc.	BUY	24.25	Ordinary	2,036	2,036
20-Dec-2019	The Vanguard Group, Inc.	SELL	24.25	Ordinary	(837)	(837)
23-Dec-2019	The Vanguard Group, Inc.	SELL	24.23	Ordinary	(11,731)	(11,731)
23-Dec-2019	The Vanguard Group, Inc.	BUY	24.24	Ordinary	55,090	55,090
23-Dec-2019	The Vanguard Group, Inc.	BUY	24.24	Ordinary	11,805	11,805
23-Dec-2019	The Vanguard Group, Inc.	BUY	24.24	Ordinary	6,495	6,495
23-Dec-2019	The Vanguard Group, Inc.	BUY	24.23	Ordinary	282	282
24-Dec-2019	The Vanguard Group, Inc.	BUY	24.20	Ordinary	23,610	23,610
24-Dec-2019	The Vanguard Group, Inc.	BUY	24.21	Ordinary	2,428	2,428
26-Dec-2019	The Vanguard Group, Inc.	BUY	24.28	Ordinary	59,025	59,025
27-Dec-2019	The Vanguard Group, Inc.	BUY	24.26	Ordinary	29,703	29,703
27-Dec-2019	The Vanguard Group, Inc.	BUY	24.26	Ordinary	991	991
27-Dec-2019	The Vanguard Group, Inc.	BUY	24.22	Ordinary	1,960	1,960

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
27-Dec-2019	The Vanguard Group, Inc.	BUY	24.33	Ordinary	3,012	3,012
30-Dec-2019	The Vanguard Group, Inc.	SELL	24.39	Ordinary	(34,837)	(34,837)
30-Dec-2019	The Vanguard Group, Inc.	BUY	24.23	Ordinary	7,240	7,240
30-Dec-2019	The Vanguard Group, Inc.	SELL	24.40	Ordinary	(337)	(337)
30-Dec-2019	The Vanguard Group, Inc.	SELL	24.40	Ordinary	(1,412)	(1,412)
30-Dec-2019	The Vanguard Group, Inc.	BUY	24.40	Ordinary	1,214	1,214
30-Dec-2019	The Vanguard Group, Inc.	BUY	24.40	Ordinary	10,165	10,165
31-Dec-2019	The Vanguard Group, Inc.	BUY	24.33	Ordinary	105,280	105,280
31-Dec-2019	The Vanguard Group, Inc.	BUY	24.23	Ordinary	1,835	1,835
31-Dec-2019	The Vanguard Group, Inc.	BUY	24.23	Ordinary	1,835	1,835
2-Jan-2020	The Vanguard Group, Inc.	BUY	24.39	Ordinary	1,960	1,960
2-Jan-2020	The Vanguard Group, Inc.	BUY	24.19	Ordinary	1,214	1,214
3-Jan-2020	The Vanguard Group, Inc.	BUY	24.53	Ordinary	21,698	21,698
3-Jan-2020	The Vanguard Group, Inc.	BUY	24.53	Ordinary	42,379	42,379
3-Jan-2020	The Vanguard Group, Inc.	BUY	24.41	Ordinary	1,960	1,960
6-Jan-2020	The Vanguard Group, Inc.	BUY	24.34	Ordinary	2,006	2,006
6-Jan-2020	The Vanguard Group, Inc.	BUY	24.45	Ordinary	2,203	2,203
6-Jan-2020	The Vanguard Group, Inc.	BUY	24.45	Ordinary	5,880	5,880
6-Jan-2020	The Vanguard Group, Inc.	BUY	24.34	Ordinary	33,725	33,725
6-Jan-2020	The Vanguard Group, Inc.	BUY	24.34	Ordinary	2,276	2,276
7-Jan-2020	The Vanguard Group, Inc.	BUY	24.60	Ordinary	119,294	119,294
7-Jan-2020	The Vanguard Group, Inc.	BUY	24.62	Ordinary	2,183	2,183
7-Jan-2020	The Vanguard Group, Inc.	BUY	24.62	Ordinary	525	525
8-Jan-2020	The Vanguard Group, Inc.	BUY	24.68	Ordinary	21,720	21,720
8-Jan-2020	The Vanguard Group, Inc.	BUY	24.54	Ordinary	1,835	1,835
8-Jan-2020	The Vanguard Group, Inc.	BUY	24.54	Ordinary	1,173	1,173
8-Jan-2020	The Vanguard Group, Inc.	BUY	24.54	Ordinary	55,854	55,854
9-Jan-2020	The Vanguard Group, Inc.	BUY	24.59	Ordinary	70,830	70,830
9-Jan-2020	The Vanguard Group, Inc.	SELL	24.47	Ordinary	(29,156)	(29,156)
9-Jan-2020	The Vanguard Group, Inc.	BUY	24.59	Ordinary	6,516	6,516
9-Jan-2020	The Vanguard Group, Inc.	BUY	24.47	Ordinary	6,702	6,702
9-Jan-2020	The Vanguard Group, Inc.	BUY	24.47	Ordinary	6,760	6,760
10-Jan-2020	The Vanguard Group, Inc.	BUY	24.53	Ordinary	5,808	5,808
10-Jan-2020	The Vanguard Group, Inc.	SELL	24.58	Ordinary	(1,125)	(1,125)
10-Jan-2020	The Vanguard Group, Inc.	BUY	24.53	Ordinary	4,406	4,406
10-Jan-2020	The Vanguard Group, Inc.	BUY	24.60	Ordinary	48,223	48,223
10-Jan-2020	The Vanguard Group, Inc.	BUY	24.65	Ordinary	2,077	2,077
10-Jan-2020	The Vanguard Group, Inc.	BUY	24.65	Ordinary	2,428	2,428
10-Jan-2020	The Vanguard Group, Inc.	BUY	24.65	Ordinary	1,835	1,835
10-Jan-2020	The Vanguard Group, Inc.	SELL	24.58	Ordinary	(20,405)	(20,405)
13-Jan-2020	The Vanguard Group, Inc.	BUY	24.59	Ordinary	6,919	6,919
13-Jan-2020	The Vanguard Group, Inc.	BUY	24.59	Ordinary	1,835	1,835
14-Jan-2020	The Vanguard Group, Inc.	BUY	24.66	Ordinary	4,406	4,406
14-Jan-2020	The Vanguard Group, Inc.	BUY	24.68	Ordinary	31,352	31,352
14-Jan-2020	The Vanguard Group, Inc.	BUY	24.57	Ordinary	653	653
14-Jan-2020	The Vanguard Group, Inc.	SELL	24.69	Ordinary	(16,294)	(16,294)
15-Jan-2020	The Vanguard Group, Inc.	BUY	24.78	Ordinary	31,480	31,480
15-Jan-2020	The Vanguard Group, Inc.	BUY	24.69	Ordinary	771	771
15-Jan-2020	The Vanguard Group, Inc.	BUY	24.69	Ordinary	1,835	1,835
16-Jan-2020	The Vanguard Group, Inc.	BUY	25.09	Ordinary	35,415	35,415
16-Jan-2020	The Vanguard Group, Inc.	BUY	24.80	Ordinary	27,999	27,999
16-Jan-2020	The Vanguard Group, Inc.	BUY	24.90	Ordinary	1,214	1,214
16-Jan-2020	The Vanguard Group, Inc.	SELL	24.80	Ordinary	(17,010)	(17,010)
17-Jan-2020	The Vanguard Group, Inc.	BUY	25.16	Ordinary	35,415	35,415
17-Jan-2020	The Vanguard Group, Inc.	BUY	25.16	Ordinary	31,480	31,480
17-Jan-2020	The Vanguard Group, Inc.	BUY	25.16	Ordinary	980	980
17-Jan-2020	The Vanguard Group, Inc.	BUY	24.99	Ordinary	27,438	27,438
17-Jan-2020	The Vanguard Group, Inc.	BUY	24.98	Ordinary	5,273	5,273
20-Jan-2020	The Vanguard Group, Inc.	BUY	25.04	Ordinary	4,080	4,080
20-Jan-2020	The Vanguard Group, Inc.	BUY	25.04	Ordinary	7,750	7,750
21-Jan-2020	The Vanguard Group, Inc.	BUY	25.10	Ordinary	5,808	5,808
21-Jan-2020	The Vanguard Group, Inc.	BUY	25.10	Ordinary	11,616	11,616
21-Jan-2020	The Vanguard Group, Inc.	BUY	25.10	Ordinary	34,740	34,740
21-Jan-2020	The Vanguard Group, Inc.	BUY	25.10	Ordinary	2,940	2,940
22-Jan-2020	The Vanguard Group, Inc.	BUY	25.14	Ordinary	23,610	23,610
22-Jan-2020	The Vanguard Group, Inc.	BUY	25.17	Ordinary	30,435	30,435
22-Jan-2020	The Vanguard Group, Inc.	BUY	25.14	Ordinary	3,613	3,613
22-Jan-2020	The Vanguard Group, Inc.	BUY	25.14	Ordinary	6,919	6,919
23-Jan-2020	The Vanguard Group, Inc.	SELL	25.14	Ordinary	(43,060)	(43,060)
23-Jan-2020	The Vanguard Group, Inc.	BUY	25.21	Ordinary	19,675	19,675
23-Jan-2020	The Vanguard Group, Inc.	BUY	25.21	Ordinary	6,609	6,609

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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-Jan-2020	The Vanguard Group, Inc.	BUY	25.14	Ordinary	80,150	80,150
23-Jan-2020	The Vanguard Group, Inc.	BUY	25.21	Ordinary	7,240	7,240
23-Jan-2020	The Vanguard Group, Inc.	BUY	25.08	Ordinary	1,214	1,214
23-Jan-2020	The Vanguard Group, Inc.	BUY	25.08	Ordinary	2,428	2,428
24-Jan-2020	The Vanguard Group, Inc.	BUY	25.25	Ordinary	33,322	33,322
28-Jan-2020	The Vanguard Group, Inc.	SELL	25.00	Ordinary	(4,368)	(4,368)
28-Jan-2020	The Vanguard Group, Inc.	SELL	25.00	Ordinary	(1,464)	(1,464)
28-Jan-2020	The Vanguard Group, Inc.	BUY	24.98	Ordinary	81,372	81,372
28-Jan-2020	The Vanguard Group, Inc.	BUY	25.00	Ordinary	1,835	1,835
29-Jan-2020	The Vanguard Group, Inc.	BUY	25.15	Ordinary	37,357	37,357
29-Jan-2020	The Vanguard Group, Inc.	BUY	25.15	Ordinary	20,850	20,850
29-Jan-2020	The Vanguard Group, Inc.	BUY	25.19	Ordinary	2,428	2,428
29-Jan-2020	The Vanguard Group, Inc.	BUY	25.19	Ordinary	1,067	1,067
30-Jan-2020	The Vanguard Group, Inc.	BUY	25.50	Ordinary	2,203	2,203
30-Jan-2020	The Vanguard Group, Inc.	BUY	25.31	Ordinary	1,214	1,214
30-Jan-2020	The Vanguard Group, Inc.	BUY	25.31	Ordinary	1,214	1,214
31-Jan-2020	The Vanguard Group, Inc.	BUY	24.96	Ordinary	23,610	23,610
31-Jan-2020	The Vanguard Group, Inc.	BUY	24.96	Ordinary	23,610	23,610
31-Jan-2020	The Vanguard Group, Inc.	BUY	24.96	Ordinary	1,980	1,980
31-Jan-2020	The Vanguard Group, Inc.	BUY	25.33	Ordinary	31,690	31,690
31-Jan-2020	The Vanguard Group, Inc.	BUY	25.33	Ordinary	1,096	1,096
31-Jan-2020	The Vanguard Group, Inc.	BUY	25.12	Ordinary	9,662	9,662
31-Jan-2020	The Vanguard Group, Inc.	BUY	25.12	Ordinary	67,704	67,704
3-Feb-2020	The Vanguard Group, Inc.	BUY	24.74	Ordinary	25,340	25,340
3-Feb-2020	The Vanguard Group, Inc.	BUY	24.85	Ordinary	73,804	73,804
3-Feb-2020	The Vanguard Group, Inc.	BUY	24.81	Ordinary	20,757	20,757
3-Feb-2020	The Vanguard Group, Inc.	BUY	24.81	Ordinary	8,632	8,632
4-Feb-2020	The Vanguard Group, Inc.	SELL	24.97	Ordinary	(7,744)	(7,744)
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.97	Ordinary	9,264	9,264
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.97	Ordinary	37,056	37,056
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.57	Ordinary	2,350	2,350
4-Feb-2020	The Vanguard Group, Inc.	SELL	24.60	Ordinary	(5,952)	(5,952)
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.97	Ordinary	13,032	13,032
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.57	Ordinary	68,169	68,169
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.80	Ordinary	387	387
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.80	Ordinary	3,642	3,642
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.80	Ordinary	7,885	7,885
4-Feb-2020	The Vanguard Group, Inc.	BUY	24.80	Ordinary	1,835	1,835
5-Feb-2020	The Vanguard Group, Inc.	BUY	24.96	Ordinary	74,765	74,765
5-Feb-2020	The Vanguard Group, Inc.	BUY	24.96	Ordinary	27,545	27,545
5-Feb-2020	The Vanguard Group, Inc.	SELL	24.90	Ordinary	(1,071)	(1,071)
5-Feb-2020	The Vanguard Group, Inc.	BUY	24.96	Ordinary	18,100	18,100
6-Feb-2020	The Vanguard Group, Inc.	BUY	25.19	Ordinary	6,609	6,609
6-Feb-2020	The Vanguard Group, Inc.	BUY	25.01	Ordinary	67,883	67,883
6-Feb-2020	The Vanguard Group, Inc.	BUY	25.16	Ordinary	4,049	4,049
7-Feb-2020	The Vanguard Group, Inc.	BUY	25.09	Ordinary	5,792	5,792
7-Feb-2020	The Vanguard Group, Inc.	BUY	25.01	Ordinary	1,393	1,393
10-Feb-2020	The Vanguard Group, Inc.	BUY	25.13	Ordinary	35,415	35,415
10-Feb-2020	The Vanguard Group, Inc.	BUY	25.13	Ordinary	1,980	1,980
10-Feb-2020	The Vanguard Group, Inc.	BUY	24.97	Ordinary	2,428	2,428
10-Feb-2020	The Vanguard Group, Inc.	BUY	24.97	Ordinary	6,919	6,919
11-Feb-2020	The Vanguard Group, Inc.	BUY	25.13	Ordinary	23,610	23,610
11-Feb-2020	The Vanguard Group, Inc.	BUY	25.10	Ordinary	1,835	1,835
11-Feb-2020	The Vanguard Group, Inc.	BUY	25.10	Ordinary	1,835	1,835
12-Feb-2020	The Vanguard Group, Inc.	BUY	25.24	Ordinary	7,625	7,625
12-Feb-2020	The Vanguard Group, Inc.	BUY	25.24	Ordinary	58,030	58,030
12-Feb-2020	The Vanguard Group, Inc.	BUY	25.24	Ordinary	796	796
12-Feb-2020	The Vanguard Group, Inc.	BUY	25.25	Ordinary	1,397	1,397
12-Feb-2020	The Vanguard Group, Inc.	BUY	25.25	Ordinary	60,393	60,393
13-Feb-2020	The Vanguard Group, Inc.	BUY	25.44	Ordinary	51,155	51,155
13-Feb-2020	The Vanguard Group, Inc.	SELL	25.39	Ordinary	(1,189)	(1,189)
13-Feb-2020	The Vanguard Group, Inc.	BUY	25.44	Ordinary	4,406	4,406
13-Feb-2020	The Vanguard Group, Inc.	BUY	25.41	Ordinary	1,214	1,214
13-Feb-2020	The Vanguard Group, Inc.	BUY	25.41	Ordinary	1,214	1,214
13-Feb-2020	The Vanguard Group, Inc.	BUY	25.41	Ordinary	1,835	1,835
13-Feb-2020	The Vanguard Group, Inc.	SELL	25.39	Ordinary	(24,918)	(24,918)
14-Feb-2020	The Vanguard Group, Inc.	BUY	25.69	Ordinary	23,610	23,610
14-Feb-2020	The Vanguard Group, Inc.	BUY	25.69	Ordinary	2,970	2,970
14-Feb-2020	The Vanguard Group, Inc.	SELL	25.70	Ordinary	(30,929)	(30,929)
14-Feb-2020	The Vanguard Group, Inc.	BUY	25.41	Ordinary	32,277	32,277
18-Feb-2020	The Vanguard Group, Inc.	BUY	25.75	Ordinary	10,536	10,536

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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
18-Feb-2020	The Vanguard Group, Inc.	BUY	25.75	Ordinary	2,131	2,131
19-Feb-2020	The Vanguard Group, Inc.	BUY	25.67	Ordinary	19,675	19,675
19-Feb-2020	The Vanguard Group, Inc.	BUY	25.62	Ordinary	60,524	60,524
19-Feb-2020	The Vanguard Group, Inc.	BUY	25.58	Ordinary	96,495	96,495
20-Feb-2020	The Vanguard Group, Inc.	BUY	25.75	Ordinary	76,280	76,280
20-Feb-2020	The Vanguard Group, Inc.	BUY	25.69	Ordinary	48,489	48,489
21-Feb-2020	The Vanguard Group, Inc.	BUY	25.72	Ordinary	31,480	31,480
21-Feb-2020	The Vanguard Group, Inc.	BUY	25.82	Ordinary	1,348	1,348
21-Feb-2020	The Vanguard Group, Inc.	BUY	25.82	Ordinary	83,883	83,883
21-Feb-2020	The Vanguard Group, Inc.	BUY	25.81	Ordinary	1,979	1,979
21-Feb-2020	The Vanguard Group, Inc.	BUY	25.81	Ordinary	5,339	5,339
24-Feb-2020	The Vanguard Group, Inc.	SELL	25.08	Ordinary	(16,750)	(16,750)
24-Feb-2020	The Vanguard Group, Inc.	BUY	25.65	Ordinary	22,670	22,670
24-Feb-2020	The Vanguard Group, Inc.	BUY	25.08	Ordinary	1,980	1,980
25-Feb-2020	The Vanguard Group, Inc.	SELL	24.50	Ordinary	(6,700)	(6,700)
25-Feb-2020	The Vanguard Group, Inc.	SELL	25.00	Ordinary	(13,920)	(13,920)
25-Feb-2020	The Vanguard Group, Inc.	BUY	24.50	Ordinary	23,610	23,610
25-Feb-2020	The Vanguard Group, Inc.	SELL	24.50	Ordinary	(4,385)	(4,385)
25-Feb-2020	The Vanguard Group, Inc.	BUY	24.50	Ordinary	2,203	2,203
25-Feb-2020	The Vanguard Group, Inc.	BUY	25.08	Ordinary	60,979	60,979
25-Feb-2020	The Vanguard Group, Inc.	BUY	24.98	Ordinary	95,681	95,681
25-Feb-2020	The Vanguard Group, Inc.	BUY	25.08	Ordinary	1,169	1,169
25-Feb-2020	The Vanguard Group, Inc.	BUY	25.08	Ordinary	160	160
25-Feb-2020	The Vanguard Group, Inc.	SELL	25.08	Ordinary	(72,308)	(72,308)
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.59	Ordinary	4,406	4,406
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.59	Ordinary	6,609	6,609
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.63	Ordinary	68,076	68,076
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.63	Ordinary	65,016	65,016
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.66	Ordinary	72,907	72,907
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.63	Ordinary	2,119	2,119
26-Feb-2020	The Vanguard Group, Inc.	BUY	24.66	Ordinary	6,995	6,995
27-Feb-2020	The Vanguard Group, Inc.	BUY	24.58	Ordinary	81,956	81,956
27-Feb-2020	The Vanguard Group, Inc.	BUY	24.02	Ordinary	13,756	13,756
27-Feb-2020	The Vanguard Group, Inc.	BUY	24.33	Ordinary	151	151
27-Feb-2020	The Vanguard Group, Inc.	BUY	24.58	Ordinary	22,469	22,469
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.81	Ordinary	27,373	27,373
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.66	Ordinary	5,191	5,191
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.81	Ordinary	623	623
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.66	Ordinary	18,914	18,914
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.64	Ordinary	213,964	213,964
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.81	Ordinary	44,405	44,405
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.81	Ordinary	99,190	99,190
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.66	Ordinary	15,199	15,199
28-Feb-2020	The Vanguard Group, Inc.	BUY	23.66	Ordinary	148,148	148,148
2-Mar-2020	The Vanguard Group, Inc.	SELL	23.70	Ordinary	(31,480)	(31,480)
2-Mar-2020	The Vanguard Group, Inc.	SELL	23.24	Ordinary	(2,224)	(2,224)
3-Mar-2020	The Vanguard Group, Inc.	BUY	22.66	Ordinary	1,980	1,980
3-Mar-2020	The Vanguard Group, Inc.	BUY	23.50	Ordinary	31,587	31,587
3-Mar-2020	The Vanguard Group, Inc.	BUY	23.50	Ordinary	564	564
3-Mar-2020	The Vanguard Group, Inc.	BUY	22.94	Ordinary	1,214	1,214
3-Mar-2020	The Vanguard Group, Inc.	BUY	22.94	Ordinary	7,863	7,863
3-Mar-2020	The Vanguard Group, Inc.	BUY	22.94	Ordinary	820	820
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.50	Ordinary	48,137	48,137
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.66	Ordinary	3,960	3,960
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.66	Ordinary	2,970	2,970
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.23	Ordinary	1,464	1,464
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.23	Ordinary	1,214	1,214
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.23	Ordinary	2,428	2,428
4-Mar-2020	The Vanguard Group, Inc.	BUY	22.23	Ordinary	1,214	1,214
5-Mar-2020	The Vanguard Group, Inc.	BUY	22.50	Ordinary	22,229	22,229
5-Mar-2020	The Vanguard Group, Inc.	BUY	22.25	Ordinary	2,239	2,239
5-Mar-2020	The Vanguard Group, Inc.	SELL	22.50	Ordinary	(1,532)	(1,532)
5-Mar-2020	The Vanguard Group, Inc.	BUY	22.25	Ordinary	1,738	1,738
5-Mar-2020	The Vanguard Group, Inc.	BUY	22.50	Ordinary	19,849	19,849
5-Mar-2020	The Vanguard Group, Inc.	SELL	22.25	Ordinary	(424,897)	(424,897)
6-Mar-2020	The Vanguard Group, Inc.	SELL	21.26	Ordinary	(23,610)	(23,610)
6-Mar-2020	The Vanguard Group, Inc.	BUY	21.35	Ordinary	1,361	1,361
6-Mar-2020	The Vanguard Group, Inc.	BUY	21.79	Ordinary	1,690	1,690
6-Mar-2020	The Vanguard Group, Inc.	BUY	21.79	Ordinary	619	619
6-Mar-2020	The Vanguard Group, Inc.	BUY	21.35	Ordinary	1,812	1,812
6-Mar-2020	The Vanguard Group, Inc.	SELL	21.35	Ordinary	(315,046)	(315,046)

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
6-Mar-2020	The Vanguard Group, Inc.	BUY	21.35	Ordinary	1,744	1,744
9-Mar-2020	The Vanguard Group, Inc.	BUY	19.00	Ordinary	2,970	2,970
9-Mar-2020	The Vanguard Group, Inc.	BUY	19.00	Ordinary	990	990
9-Mar-2020	The Vanguard Group, Inc.	SELL	19.52	Ordinary	(78,189)	(78,189)
10-Mar-2020	The Vanguard Group, Inc.	SELL	20.95	Ordinary	(19,675)	(19,675)
10-Mar-2020	The Vanguard Group, Inc.	BUY	20.95	Ordinary	2,820	2,820
10-Mar-2020	The Vanguard Group, Inc.	SELL	18.80	Ordinary	(3,629)	(3,629)
10-Mar-2020	The Vanguard Group, Inc.	BUY	19.11	Ordinary	223,181	223,181
10-Mar-2020	The Vanguard Group, Inc.	BUY	20.54	Ordinary	1,413	1,413
10-Mar-2020	The Vanguard Group, Inc.	BUY	20.54	Ordinary	1,214	1,214
10-Mar-2020	The Vanguard Group, Inc.	SELL	20.54	Ordinary	(22,810)	(22,810)
11-Mar-2020	The Vanguard Group, Inc.	SELL	20.68	Ordinary	(5,934)	(5,934)
11-Mar-2020	The Vanguard Group, Inc.	SELL	19.16	Ordinary	(11,805)	(11,805)
11-Mar-2020	The Vanguard Group, Inc.	BUY	20.32	Ordinary	181,922	181,922
11-Mar-2020	The Vanguard Group, Inc.	BUY	19.46	Ordinary	2,327	2,327
11-Mar-2020	The Vanguard Group, Inc.	BUY	20.32	Ordinary	16,200	16,200
11-Mar-2020	The Vanguard Group, Inc.	BUY	20.32	Ordinary	2,344	2,344
11-Mar-2020	The Vanguard Group, Inc.	BUY	19.46	Ordinary	2,415	2,415
12-Mar-2020	The Vanguard Group, Inc.	SELL	17.02	Ordinary	(43,285)	(43,285)
12-Mar-2020	The Vanguard Group, Inc.	BUY	17.02	Ordinary	11,115	11,115
12-Mar-2020	The Vanguard Group, Inc.	BUY	19.26	Ordinary	133,018	133,018
12-Mar-2020	The Vanguard Group, Inc.	BUY	17.74	Ordinary	2,282	2,282
12-Mar-2020	The Vanguard Group, Inc.	BUY	17.74	Ordinary	1,141	1,141
12-Mar-2020	The Vanguard Group, Inc.	BUY	17.74	Ordinary	12,183	12,183
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.74	Ordinary	5,348	5,348
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.74	Ordinary	4,950	4,950
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.74	Ordinary	990	990
13-Mar-2020	The Vanguard Group, Inc.	BUY	16.32	Ordinary	252,384	252,384
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	253,617	253,617
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	4,670	4,670
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	1,812	1,812
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	105,096	105,096
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	1,053	1,053
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	7,237	7,237
13-Mar-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	2,347	2,347
16-Mar-2020	The Vanguard Group, Inc.	SELL	15.85	Ordinary	(10,008)	(10,008)
16-Mar-2020	The Vanguard Group, Inc.	SELL	15.85	Ordinary	(9,264)	(9,264)
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.85	Ordinary	4,400	4,400
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.85	Ordinary	2,200	2,200
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.98	Ordinary	2,334	2,334
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.98	Ordinary	2,196	2,196
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.98	Ordinary	959	959
16-Mar-2020	The Vanguard Group, Inc.	BUY	16.52	Ordinary	2,282	2,282
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.98	Ordinary	1,141	1,141
16-Mar-2020	The Vanguard Group, Inc.	BUY	15.98	Ordinary	6,958	6,958
17-Mar-2020	The Vanguard Group, Inc.	SELL	17.56	Ordinary	(13,344)	(13,344)
17-Mar-2020	The Vanguard Group, Inc.	SELL	17.56	Ordinary	(31,480)	(31,480)
17-Mar-2020	The Vanguard Group, Inc.	SELL	17.56	Ordinary	(39,350)	(39,350)
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.56	Ordinary	15,485	15,485
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.56	Ordinary	6,600	6,600
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.56	Ordinary	4,400	4,400
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.56	Ordinary	7,240	7,240
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.56	Ordinary	6,516	6,516
17-Mar-2020	The Vanguard Group, Inc.	BUY	16.30	Ordinary	378,009	378,009
17-Mar-2020	The Vanguard Group, Inc.	SELL	17.25	Ordinary	(2,605)	(2,605)
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.25	Ordinary	283	283
17-Mar-2020	The Vanguard Group, Inc.	BUY	16.30	Ordinary	826	826
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.25	Ordinary	960	960
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.25	Ordinary	96,036	96,036
17-Mar-2020	The Vanguard Group, Inc.	BUY	17.25	Ordinary	12,189	12,189
18-Mar-2020	The Vanguard Group, Inc.	BUY	16.09	Ordinary	3,960	3,960
18-Mar-2020	The Vanguard Group, Inc.	BUY	16.60	Ordinary	310,022	310,022
18-Mar-2020	The Vanguard Group, Inc.	BUY	16.36	Ordinary	29,027	29,027
18-Mar-2020	The Vanguard Group, Inc.	BUY	15.90	Ordinary	2,252	2,252
18-Mar-2020	The Vanguard Group, Inc.	BUY	15.90	Ordinary	1,126	1,126
19-Mar-2020	The Vanguard Group, Inc.	BUY	14.92	Ordinary	1,980	1,980
19-Mar-2020	The Vanguard Group, Inc.	BUY	16.41	Ordinary	842,025	842,025
19-Mar-2020	The Vanguard Group, Inc.	BUY	14.92	Ordinary	13,756	13,756
19-Mar-2020	The Vanguard Group, Inc.	BUY	16.41	Ordinary	729	729
19-Mar-2020	The Vanguard Group, Inc.	SELL	14.53	Ordinary	(357)	(357)
19-Mar-2020	The Vanguard Group, Inc.	BUY	14.53	Ordinary	1,455	1,455

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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
20-Mar-2020	The Vanguard Group, Inc.	SELL	15.63	Ordinary	(16,680)	(16,680)
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.84	Ordinary	38,308	38,308
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.84	Ordinary	206,184	206,184
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.63	Ordinary	3,260	3,260
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.84	Ordinary	15,307	15,307
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.63	Ordinary	6,600	6,600
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.63	Ordinary	1,980	1,980
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.64	Ordinary	313,029	313,029
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.84	Ordinary	204	204
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.84	Ordinary	18,806	18,806
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.77	Ordinary	1,126	1,126
20-Mar-2020	The Vanguard Group, Inc.	BUY	15.84	Ordinary	7,827	7,827
20-Mar-2020	The Vanguard Group, Inc.	SELL	15.77	Ordinary	(5,613)	(5,613)
23-Mar-2020	The Vanguard Group, Inc.	SELL	14.48	Ordinary	(6,082)	(6,082)
23-Mar-2020	The Vanguard Group, Inc.	SELL	14.12	Ordinary	(13,344)	(13,344)
23-Mar-2020	The Vanguard Group, Inc.	BUY	14.12	Ordinary	7,335	7,335
23-Mar-2020	The Vanguard Group, Inc.	SELL	14.48	Ordinary	(2,687)	(2,687)
23-Mar-2020	The Vanguard Group, Inc.	BUY	14.10	Ordinary	5,008	5,008
23-Mar-2020	The Vanguard Group, Inc.	BUY	14.10	Ordinary	1,126	1,126
23-Mar-2020	The Vanguard Group, Inc.	BUY	14.10	Ordinary	7,032	7,032
23-Mar-2020	The Vanguard Group, Inc.	BUY	14.10	Ordinary	1,131	1,131
24-Mar-2020	The Vanguard Group, Inc.	SELL	14.50	Ordinary	(22,344)	(22,344)
24-Mar-2020	The Vanguard Group, Inc.	BUY	14.43	Ordinary	224,312	224,312
24-Mar-2020	The Vanguard Group, Inc.	BUY	14.43	Ordinary	1,669	1,669
24-Mar-2020	The Vanguard Group, Inc.	BUY	14.43	Ordinary	2,131	2,131
24-Mar-2020	The Vanguard Group, Inc.	BUY	14.51	Ordinary	1,126	1,126
25-Mar-2020	The Vanguard Group, Inc.	SELL	15.99	Ordinary	(9,264)	(9,264)
25-Mar-2020	The Vanguard Group, Inc.	BUY	15.44	Ordinary	35,347	35,347
25-Mar-2020	The Vanguard Group, Inc.	BUY	15.44	Ordinary	211,971	211,971
25-Mar-2020	The Vanguard Group, Inc.	BUY	15.85	Ordinary	13,783	13,783
26-Mar-2020	The Vanguard Group, Inc.	SELL	16.45	Ordinary	(10,065)	(10,065)
26-Mar-2020	The Vanguard Group, Inc.	BUY	15.99	Ordinary	41,312	41,312
26-Mar-2020	The Vanguard Group, Inc.	BUY	15.99	Ordinary	5,787	5,787
27-Mar-2020	The Vanguard Group, Inc.	BUY	14.89	Ordinary	25,258	25,258
27-Mar-2020	The Vanguard Group, Inc.	BUY	16.40	Ordinary	25,323	25,323
27-Mar-2020	The Vanguard Group, Inc.	BUY	14.89	Ordinary	2,252	2,252
27-Mar-2020	The Vanguard Group, Inc.	BUY	14.89	Ordinary	2,252	2,252
27-Mar-2020	The Vanguard Group, Inc.	BUY	14.89	Ordinary	1,148	1,148
27-Mar-2020	The Vanguard Group, Inc.	BUY	14.89	Ordinary	132,097	132,097
30-Mar-2020	The Vanguard Group, Inc.	BUY	15.15	Ordinary	20,044	20,044
30-Mar-2020	The Vanguard Group, Inc.	SELL	16.23	Ordinary	(15,610)	(15,610)
30-Mar-2020	The Vanguard Group, Inc.	BUY	16.16	Ordinary	12,626	12,626
30-Mar-2020	The Vanguard Group, Inc.	BUY	16.16	Ordinary	6,953	6,953
31-Mar-2020	The Vanguard Group, Inc.	BUY	16.73	Ordinary	71,464	71,464
31-Mar-2020	The Vanguard Group, Inc.	BUY	16.73	Ordinary	35,406	35,406
31-Mar-2020	The Vanguard Group, Inc.	SELL	16.50	Ordinary	(84,558)	(84,558)
31-Mar-2020	The Vanguard Group, Inc.	BUY	16.50	Ordinary	1,126	1,126
31-Mar-2020	The Vanguard Group, Inc.	BUY	16.50	Ordinary	1,028	1,028
31-Mar-2020	The Vanguard Group, Inc.	BUY	16.50	Ordinary	42,125	42,125
1-Apr-2020	The Vanguard Group, Inc.	BUY	17.08	Ordinary	23,977	23,977
1-Apr-2020	The Vanguard Group, Inc.	SELL	16.08	Ordinary	(4,468)	(4,468)
1-Apr-2020	The Vanguard Group, Inc.	SELL	16.08	Ordinary	(4,468)	(4,468)
1-Apr-2020	The Vanguard Group, Inc.	BUY	17.08	Ordinary	13,401	13,401
1-Apr-2020	The Vanguard Group, Inc.	SELL	17.08	Ordinary	(40,619)	(40,619)
1-Apr-2020	The Vanguard Group, Inc.	BUY	17.08	Ordinary	5,472	5,472
1-Apr-2020	The Vanguard Group, Inc.	BUY	17.08	Ordinary	821	821
1-Apr-2020	The Vanguard Group, Inc.	BUY	16.70	Ordinary	13,902	13,902
1-Apr-2020	The Vanguard Group, Inc.	BUY	16.70	Ordinary	5,856	5,856
2-Apr-2020	The Vanguard Group, Inc.	BUY	16.20	Ordinary	2,970	2,970
2-Apr-2020	The Vanguard Group, Inc.	BUY	16.20	Ordinary	7,240	7,240
3-Apr-2020	The Vanguard Group, Inc.	SELL	16.15	Ordinary	(5,019)	(5,019)
6-Apr-2020	The Vanguard Group, Inc.	BUY	15.76	Ordinary	60,553	60,553
6-Apr-2020	The Vanguard Group, Inc.	BUY	16.35	Ordinary	1,146	1,146
7-Apr-2020	The Vanguard Group, Inc.	BUY	16.10	Ordinary	1,146	1,146
7-Apr-2020	The Vanguard Group, Inc.	BUY	16.10	Ordinary	20,850	20,850
7-Apr-2020	The Vanguard Group, Inc.	BUY	16.10	Ordinary	3,912	3,912
7-Apr-2020	The Vanguard Group, Inc.	SELL	16.10	Ordinary	(1,855)	(1,855)
8-Apr-2020	The Vanguard Group, Inc.	BUY	15.55	Ordinary	31,855	31,855
8-Apr-2020	The Vanguard Group, Inc.	BUY	15.35	Ordinary	9,412	9,412
8-Apr-2020	The Vanguard Group, Inc.	BUY	15.55	Ordinary	1,145	1,145
9-Apr-2020	The Vanguard Group, Inc.	BUY	16.28	Ordinary	2,970	2,970

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9-Apr-2020	The Vanguard Group, Inc.	BUY	16.28	Ordinary	990	990
9-Apr-2020	The Vanguard Group, Inc.	SELL	15.96	Ordinary	(66,261)	(66,261)
9-Apr-2020	The Vanguard Group, Inc.	BUY	15.96	Ordinary	4,494	4,494
14-Apr-2020	The Vanguard Group, Inc.	BUY	16.41	Ordinary	2,970	2,970
14-Apr-2020	The Vanguard Group, Inc.	SELL	16.27	Ordinary	(4,966)	(4,966)
15-Apr-2020	The Vanguard Group, Inc.	SELL	15.85	Ordinary	(15,740)	(15,740)
15-Apr-2020	The Vanguard Group, Inc.	SELL	15.85	Ordinary	(35,415)	(35,415)
15-Apr-2020	The Vanguard Group, Inc.	SELL	15.85	Ordinary	(31,480)	(31,480)
15-Apr-2020	The Vanguard Group, Inc.	SELL	16.11	Ordinary	(894)	(894)
15-Apr-2020	The Vanguard Group, Inc.	BUY	16.11	Ordinary	18,603	18,603
15-Apr-2020	The Vanguard Group, Inc.	BUY	15.85	Ordinary	2,970	2,970
15-Apr-2020	The Vanguard Group, Inc.	BUY	16.29	Ordinary	1,854	1,854
15-Apr-2020	The Vanguard Group, Inc.	BUY	16.29	Ordinary	2,260	2,260
16-Apr-2020	The Vanguard Group, Inc.	BUY	15.70	Ordinary	1,914	1,914
16-Apr-2020	The Vanguard Group, Inc.	SELL	15.70	Ordinary	(38,836)	(38,836)
16-Apr-2020	The Vanguard Group, Inc.	BUY	15.92	Ordinary	6,946	6,946
17-Apr-2020	The Vanguard Group, Inc.	BUY	15.93	Ordinary	11,580	11,580
17-Apr-2020	The Vanguard Group, Inc.	BUY	15.93	Ordinary	5,068	5,068
20-Apr-2020	The Vanguard Group, Inc.	BUY	15.44	Ordinary	10,136	10,136
20-Apr-2020	The Vanguard Group, Inc.	BUY	15.44	Ordinary	5,792	5,792
20-Apr-2020	The Vanguard Group, Inc.	SELL	15.52	Ordinary	(823)	(823)
21-Apr-2020	The Vanguard Group, Inc.	BUY	15.55	Ordinary	20,698	20,698
21-Apr-2020	The Vanguard Group, Inc.	SELL	15.55	Ordinary	(42,184)	(42,184)
22-Apr-2020	The Vanguard Group, Inc.	BUY	15.01	Ordinary	10,385	10,385
22-Apr-2020	The Vanguard Group, Inc.	BUY	15.34	Ordinary	15,681	15,681
22-Apr-2020	The Vanguard Group, Inc.	BUY	15.01	Ordinary	35,189	35,189
24-Apr-2020	The Vanguard Group, Inc.	SELL	15.20	Ordinary	(5,074)	(5,074)
24-Apr-2020	The Vanguard Group, Inc.	BUY	15.20	Ordinary	12,560	12,560
24-Apr-2020	The Vanguard Group, Inc.	BUY	15.20	Ordinary	1,859	1,859
27-Apr-2020	The Vanguard Group, Inc.	SELL	14.70	Ordinary	(7,399)	(7,399)
28-Apr-2020	The Vanguard Group, Inc.	BUY	15.21	Ordinary	7,240	7,240
29-Apr-2020	The Vanguard Group, Inc.	BUY	15.23	Ordinary	2,666	2,666
30-Apr-2020	The Vanguard Group, Inc.	SELL	15.97	Ordinary	(35,496)	(35,496)
30-Apr-2020	The Vanguard Group, Inc.	SELL	15.97	Ordinary	(5,285)	(5,285)
30-Apr-2020	The Vanguard Group, Inc.	BUY	15.89	Ordinary	16,504	16,504
30-Apr-2020	The Vanguard Group, Inc.	SELL	16.28	Ordinary	(22,961)	(22,961)
1-May-2020	The Vanguard Group, Inc.	SELL	15.23	Ordinary	(13,800)	(13,800)
1-May-2020	The Vanguard Group, Inc.	SELL	15.23	Ordinary	(47,520)	(47,520)
1-May-2020	The Vanguard Group, Inc.	SELL	15.23	Ordinary	(5,285)	(5,285)
5-May-2020	The Vanguard Group, Inc.	BUY	15.95	Ordinary	3,315	3,315
6-May-2020	The Vanguard Group, Inc.	BUY	15.96	Ordinary	15,404	15,404
7-May-2020	The Vanguard Group, Inc.	SELL	15.84	Ordinary	(2,971)	(2,971)
7-May-2020	The Vanguard Group, Inc.	SELL	15.84	Ordinary	(1,738)	(1,738)
7-May-2020	The Vanguard Group, Inc.	BUY	15.60	Ordinary	1,188	1,188
8-May-2020	The Vanguard Group, Inc.	SELL	15.69	Ordinary	(24,150)	(24,150)
11-May-2020	The Vanguard Group, Inc.	SELL	15.63	Ordinary	(47,605)	(47,605)
12-May-2020	The Vanguard Group, Inc.	BUY	15.23	Ordinary	1,243	1,243
13-May-2020	The Vanguard Group, Inc.	BUY	15.31	Ordinary	6,932	6,932
14-May-2020	The Vanguard Group, Inc.	SELL	15.01	Ordinary	(10,940)	(10,940)
15-May-2020	The Vanguard Group, Inc.	SELL	15.12	Ordinary	(4,483)	(4,483)
15-May-2020	The Vanguard Group, Inc.	BUY	15.12	Ordinary	14,040	14,040
15-May-2020	The Vanguard Group, Inc.	BUY	15.26	Ordinary	6,929	6,929
15-May-2020	The Vanguard Group, Inc.	SELL	15.12	Ordinary	(23,164)	(23,164)
19-May-2020	The Vanguard Group, Inc.	SELL	15.33	Ordinary	(23,118)	(23,118)
20-May-2020	The Vanguard Group, Inc.	SELL	15.06	Ordinary	(5,975)	(5,975)
21-May-2020	The Vanguard Group, Inc.	BUY	15.43	Ordinary	20,826	20,826
21-May-2020	The Vanguard Group, Inc.	BUY	15.43	Ordinary	1,350	1,350
21-May-2020	The Vanguard Group, Inc.	BUY	15.17	Ordinary	6,942	6,942
22-May-2020	The Vanguard Group, Inc.	SELL	15.13	Ordinary	(11,334)	(11,334)
22-May-2020	The Vanguard Group, Inc.	BUY	15.20	Ordinary	3,000	3,000
22-May-2020	The Vanguard Group, Inc.	BUY	15.01	Ordinary	19,725	19,725
27-May-2020	The Vanguard Group, Inc.	BUY	17.84	Ordinary	2,000	2,000
27-May-2020	The Vanguard Group, Inc.	BUY	17.61	Ordinary	2,865	2,865
28-May-2020	The Vanguard Group, Inc.	BUY	18.28	Ordinary	41,400	41,400
29-May-2020	The Vanguard Group, Inc.	SELL	17.11	Ordinary	(13,741)	(13,741)
29-May-2020	The Vanguard Group, Inc.	BUY	17.31	Ordinary	2,597	2,597
29-May-2020	The Vanguard Group, Inc.	SELL	17.11	Ordinary	(14,442)	(14,442)
29-May-2020	The Vanguard Group, Inc.	BUY	17.22	Ordinary	3,156	3,156
29-May-2020	The Vanguard Group, Inc.	BUY	17.31	Ordinary	23,385	23,385
29-May-2020	The Vanguard Group, Inc.	BUY	17.31	Ordinary	110,930	110,930
1-Jun-2020	The Vanguard Group, Inc.	BUY	17.49	Ordinary	17,250	17,250

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1-Jun-2020	The Vanguard Group, Inc.	BUY	16.85	Ordinary	3,481	3,481
2-Jun-2020	The Vanguard Group, Inc.	BUY	17.43	Ordinary	51,750	51,750
2-Jun-2020	The Vanguard Group, Inc.	BUY	17.37	Ordinary	8,750	8,750
2-Jun-2020	The Vanguard Group, Inc.	BUY	17.20	Ordinary	78,417	78,417
3-Jun-2020	The Vanguard Group, Inc.	BUY	18.12	Ordinary	3,000	3,000
3-Jun-2020	The Vanguard Group, Inc.	BUY	17.95	Ordinary	1,264	1,264
4-Jun-2020	The Vanguard Group, Inc.	BUY	18.40	Ordinary	17,250	17,250
4-Jun-2020	The Vanguard Group, Inc.	SELL	18.58	Ordinary	(120,450)	(120,450)
5-Jun-2020	The Vanguard Group, Inc.	BUY	19.15	Ordinary	2,000	2,000
5-Jun-2020	The Vanguard Group, Inc.	SELL	18.56	Ordinary	(120,497)	(120,497)
5-Jun-2020	The Vanguard Group, Inc.	BUY	18.79	Ordinary	3,410	3,410
9-Jun-2020	The Vanguard Group, Inc.	SELL	19.38	Ordinary	(39,830)	(39,830)
9-Jun-2020	The Vanguard Group, Inc.	SELL	19.87	Ordinary	(1,245)	(1,245)
9-Jun-2020	The Vanguard Group, Inc.	SELL	19.48	Ordinary	(14,496)	(14,496)
9-Jun-2020	The Vanguard Group, Inc.	BUY	19.48	Ordinary	2,000	2,000
9-Jun-2020	The Vanguard Group, Inc.	SELL	19.87	Ordinary	(250,704)	(250,704)
9-Jun-2020	The Vanguard Group, Inc.	BUY	19.87	Ordinary	3,556	3,556
9-Jun-2020	The Vanguard Group, Inc.	BUY	19.88	Ordinary	1,839	1,839
9-Jun-2020	The Vanguard Group, Inc.	BUY	19.88	Ordinary	6,949	6,949
9-Jun-2020	The Vanguard Group, Inc.	SELL	19.88	Ordinary	(517)	(517)
10-Jun-2020	The Vanguard Group, Inc.	SELL	19.46	Ordinary	(16,197)	(16,197)
10-Jun-2020	The Vanguard Group, Inc.	SELL	19.70	Ordinary	(100,932)	(100,932)
10-Jun-2020	The Vanguard Group, Inc.	SELL	19.46	Ordinary	(160,869)	(160,869)
11-Jun-2020	The Vanguard Group, Inc.	BUY	17.60	Ordinary	17,250	17,250
11-Jun-2020	The Vanguard Group, Inc.	SELL	17.60	Ordinary	(15,932)	(15,932)
11-Jun-2020	The Vanguard Group, Inc.	SELL	17.60	Ordinary	(39,830)	(39,830)
11-Jun-2020	The Vanguard Group, Inc.	SELL	17.60	Ordinary	(23,898)	(23,898)
11-Jun-2020	The Vanguard Group, Inc.	SELL	18.50	Ordinary	(101,706)	(101,706)
11-Jun-2020	The Vanguard Group, Inc.	SELL	19.10	Ordinary	(65,751)	(65,751)
15-Jun-2020	The Vanguard Group, Inc.	SELL	17.98	Ordinary	(23,898)	(23,898)
17-Jun-2020	The Vanguard Group, Inc.	BUY	18.15	Ordinary	53,698	53,698
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(40,628)	(40,628)
19-Jun-2020	The Vanguard Group, Inc.	SELL	17.85	Ordinary	(6,342)	(6,342)
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(22,498)	(22,498)
19-Jun-2020	The Vanguard Group, Inc.	SELL	17.85	Ordinary	(17,052)	(17,052)
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(53,352)	(53,352)
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(28,451)	(28,451)
19-Jun-2020	The Vanguard Group, Inc.	BUY	17.85	Ordinary	2,000	2,000
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(15,143)	(15,143)
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(557,138)	(557,138)
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(1,212)	(1,212)
19-Jun-2020	The Vanguard Group, Inc.	BUY	18.17	Ordinary	62	62
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(1,952)	(1,952)
19-Jun-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(1,575)	(1,575)
22-Jun-2020	The Vanguard Group, Inc.	BUY	17.88	Ordinary	2,863	2,863
22-Jun-2020	The Vanguard Group, Inc.	BUY	18.26	Ordinary	2,746	2,746
22-Jun-2020	The Vanguard Group, Inc.	SELL	17.88	Ordinary	(5,382)	(5,382)
23-Jun-2020	The Vanguard Group, Inc.	SELL	18.30	Ordinary	(10,234)	(10,234)
23-Jun-2020	The Vanguard Group, Inc.	SELL	18.30	Ordinary	(1,960)	(1,960)
23-Jun-2020	The Vanguard Group, Inc.	BUY	18.14	Ordinary	1,697	1,697
24-Jun-2020	The Vanguard Group, Inc.	SELL	17.53	Ordinary	(23,898)	(23,898)
24-Jun-2020	The Vanguard Group, Inc.	SELL	17.53	Ordinary	(24,360)	(24,360)
24-Jun-2020	The Vanguard Group, Inc.	SELL	17.53	Ordinary	(7,308)	(7,308)
24-Jun-2020	The Vanguard Group, Inc.	SELL	17.53	Ordinary	(7,964)	(7,964)
24-Jun-2020	The Vanguard Group, Inc.	BUY	18.20	Ordinary	722	722
24-Jun-2020	The Vanguard Group, Inc.	BUY	18.06	Ordinary	1,844	1,844
25-Jun-2020	The Vanguard Group, Inc.	SELL	17.67	Ordinary	(126,208)	(126,208)
26-Jun-2020	The Vanguard Group, Inc.	SELL	17.63	Ordinary	(8,028)	(8,028)
29-Jun-2020	The Vanguard Group, Inc.	BUY	17.96	Ordinary	3,000	3,000
29-Jun-2020	The Vanguard Group, Inc.	BUY	17.52	Ordinary	157	157
29-Jun-2020	The Vanguard Group, Inc.	BUY	17.52	Ordinary	2,634	2,634
29-Jun-2020	The Vanguard Group, Inc.	BUY	17.79	Ordinary	3,696	3,696
30-Jun-2020	The Vanguard Group, Inc.	SELL	18.16	Ordinary	(19,915)	(19,915)
30-Jun-2020	The Vanguard Group, Inc.	BUY	18.15	Ordinary	11,301	11,301
30-Jun-2020	The Vanguard Group, Inc.	SELL	17.95	Ordinary	(99)	(99)
30-Jun-2020	The Vanguard Group, Inc.	BUY	17.95	Ordinary	84,072	84,072
1-Jul-2020	The Vanguard Group, Inc.	BUY	18.28	Ordinary	1,847	1,847
2-Jul-2020	The Vanguard Group, Inc.	BUY	18.35	Ordinary	2,816	2,816
2-Jul-2020	The Vanguard Group, Inc.	BUY	18.35	Ordinary	5,958	5,958
2-Jul-2020	The Vanguard Group, Inc.	BUY	18.61	Ordinary	1,371	1,371
6-Jul-2020	The Vanguard Group, Inc.	BUY	18.51	Ordinary	6,000	6,000

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6-Jul-2020	The Vanguard Group, Inc.	BUY	18.51	Ordinary	7,240	7,240
6-Jul-2020	The Vanguard Group, Inc.	BUY	18.45	Ordinary	2,742	2,742
7-Jul-2020	The Vanguard Group, Inc.	SELL	18.63	Ordinary	(41,197)	(41,197)
7-Jul-2020	The Vanguard Group, Inc.	BUY	18.66	Ordinary	1,593	1,593
7-Jul-2020	The Vanguard Group, Inc.	BUY	18.16	Ordinary	1,244	1,244
8-Jul-2020	The Vanguard Group, Inc.	SELL	17.91	Ordinary	(1,102)	(1,102)
8-Jul-2020	The Vanguard Group, Inc.	BUY	17.91	Ordinary	3,937	3,937
8-Jul-2020	The Vanguard Group, Inc.	BUY	17.84	Ordinary	1,371	1,371
9-Jul-2020	The Vanguard Group, Inc.	BUY	17.94	Ordinary	25,931	25,931
9-Jul-2020	The Vanguard Group, Inc.	BUY	17.67	Ordinary	4,334	4,334
9-Jul-2020	The Vanguard Group, Inc.	SELL	17.97	Ordinary	(94,944)	(94,944)
9-Jul-2020	The Vanguard Group, Inc.	BUY	17.94	Ordinary	6,682	6,682
10-Jul-2020	The Vanguard Group, Inc.	BUY	17.80	Ordinary	347	347
10-Jul-2020	The Vanguard Group, Inc.	BUY	17.66	Ordinary	1,217	1,217
10-Jul-2020	The Vanguard Group, Inc.	BUY	17.80	Ordinary	2,852	2,852
14-Jul-2020	The Vanguard Group, Inc.	BUY	17.92	Ordinary	2,104	2,104
14-Jul-2020	The Vanguard Group, Inc.	SELL	17.83	Ordinary	(43,320)	(43,320)
14-Jul-2020	The Vanguard Group, Inc.	SELL	17.83	Ordinary	(176,225)	(176,225)
14-Jul-2020	The Vanguard Group, Inc.	BUY	17.83	Ordinary	1,167	1,167
14-Jul-2020	The Vanguard Group, Inc.	SELL	17.83	Ordinary	(2,510)	(2,510)
15-Jul-2020	The Vanguard Group, Inc.	SELL	18.08	Ordinary	(41,400)	(41,400)
15-Jul-2020	The Vanguard Group, Inc.	SELL	18.08	Ordinary	(13,800)	(13,800)
15-Jul-2020	The Vanguard Group, Inc.	BUY	17.87	Ordinary	4,418	4,418
15-Jul-2020	The Vanguard Group, Inc.	SELL	17.86	Ordinary	(63,486)	(63,486)
16-Jul-2020	The Vanguard Group, Inc.	BUY	18.17	Ordinary	27,779	27,779
16-Jul-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(1,425)	(1,425)
16-Jul-2020	The Vanguard Group, Inc.	BUY	18.17	Ordinary	14,063	14,063
16-Jul-2020	The Vanguard Group, Inc.	SELL	18.17	Ordinary	(43,240)	(43,240)
21-Jul-2020	The Vanguard Group, Inc.	BUY	17.68	Ordinary	13,539	13,539
21-Jul-2020	The Vanguard Group, Inc.	SELL	17.68	Ordinary	(1,791)	(1,791)
22-Jul-2020	The Vanguard Group, Inc.	SELL	18.14	Ordinary	(66,136)	(66,136)
23-Jul-2020	The Vanguard Group, Inc.	SELL	17.83	Ordinary	(42,985)	(42,985)
24-Jul-2020	The Vanguard Group, Inc.	SELL	17.94	Ordinary	(31,843)	(31,843)
28-Jul-2020	The Vanguard Group, Inc.	SELL	17.70	Ordinary	(67,743)	(67,743)
29-Jul-2020	The Vanguard Group, Inc.	BUY	17.76	Ordinary	30,374	30,374
29-Jul-2020	The Vanguard Group, Inc.	SELL	17.76	Ordinary	(33,766)	(33,766)
29-Jul-2020	The Vanguard Group, Inc.	BUY	17.76	Ordinary	1,325	1,325
30-Jul-2020	The Vanguard Group, Inc.	BUY	17.44	Ordinary	2,000	2,000
30-Jul-2020	The Vanguard Group, Inc.	BUY	17.67	Ordinary	3,700	3,700
30-Jul-2020	The Vanguard Group, Inc.	BUY	17.67	Ordinary	1,077	1,077
31-Jul-2020	The Vanguard Group, Inc.	BUY	17.45	Ordinary	45,932	45,932
31-Jul-2020	The Vanguard Group, Inc.	BUY	17.09	Ordinary	1,218	1,218
31-Jul-2020	The Vanguard Group, Inc.	BUY	17.09	Ordinary	3,231	3,231
3-Aug-2020	The Vanguard Group, Inc.	BUY	16.83	Ordinary	3,740	3,740
3-Aug-2020	The Vanguard Group, Inc.	BUY	16.83	Ordinary	3,551	3,551
3-Aug-2020	The Vanguard Group, Inc.	BUY	16.83	Ordinary	2,871	2,871
3-Aug-2020	The Vanguard Group, Inc.	BUY	16.49	Ordinary	20,766	20,766
3-Aug-2020	The Vanguard Group, Inc.	BUY	16.49	Ordinary	3,444	3,444
4-Aug-2020	The Vanguard Group, Inc.	BUY	16.83	Ordinary	3,365	3,365
4-Aug-2020	The Vanguard Group, Inc.	BUY	16.77	Ordinary	3,000	3,000
4-Aug-2020	The Vanguard Group, Inc.	BUY	16.79	Ordinary	1,214	1,214
5-Aug-2020	The Vanguard Group, Inc.	SELL	16.48	Ordinary	(2,039)	(2,039)
5-Aug-2020	The Vanguard Group, Inc.	BUY	16.63	Ordinary	1,144	1,144
6-Aug-2020	The Vanguard Group, Inc.	BUY	16.72	Ordinary	2,000	2,000
7-Aug-2020	The Vanguard Group, Inc.	BUY	16.76	Ordinary	1,536	1,536
10-Aug-2020	The Vanguard Group, Inc.	SELL	16.91	Ordinary	(1,291)	(1,291)
10-Aug-2020	The Vanguard Group, Inc.	BUY	16.91	Ordinary	340	340
11-Aug-2020	The Vanguard Group, Inc.	BUY	17.46	Ordinary	27,849	27,849
11-Aug-2020	The Vanguard Group, Inc.	BUY	17.89	Ordinary	10,835	10,835
11-Aug-2020	The Vanguard Group, Inc.	BUY	17.78	Ordinary	39,185	39,185
12-Aug-2020	The Vanguard Group, Inc.	BUY	18.19	Ordinary	1,219	1,219
13-Aug-2020	The Vanguard Group, Inc.	SELL	17.70	Ordinary	(13,800)	(13,800)
13-Aug-2020	The Vanguard Group, Inc.	SELL	17.70	Ordinary	(12,500)	(12,500)
13-Aug-2020	The Vanguard Group, Inc.	BUY	17.95	Ordinary	1,371	1,371
13-Aug-2020	The Vanguard Group, Inc.	BUY	17.95	Ordinary	3,706	3,706
17-Aug-2020	The Vanguard Group, Inc.	BUY	17.63	Ordinary	35,847	35,847
17-Aug-2020	The Vanguard Group, Inc.	BUY	17.63	Ordinary	47,796	47,796
17-Aug-2020	The Vanguard Group, Inc.	BUY	17.63	Ordinary	2,000	2,000
18-Aug-2020	The Vanguard Group, Inc.	BUY	17.63	Ordinary	14,480	14,480
18-Aug-2020	The Vanguard Group, Inc.	BUY	17.18	Ordinary	31,918	31,918
19-Aug-2020	The Vanguard Group, Inc.	SELL	16.97	Ordinary	(1,848)	(1,848)

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19-Aug-2020	The Vanguard Group, Inc.	SELL	16.95	Ordinary	(144,407)	(144,407)
19-Aug-2020	The Vanguard Group, Inc.	BUY	16.95	Ordinary	8,688	8,688
19-Aug-2020	The Vanguard Group, Inc.	BUY	16.95	Ordinary	144,407	144,407
20-Aug-2020	The Vanguard Group, Inc.	BUY	17.21	Ordinary	3,036	3,036
20-Aug-2020	The Vanguard Group, Inc.	BUY	17.21	Ordinary	2,000	2,000
21-Aug-2020	The Vanguard Group, Inc.	BUY	17.35	Ordinary	3,578	3,578
21-Aug-2020	The Vanguard Group, Inc.	SELL	17.35	Ordinary	(7,941)	(7,941)
21-Aug-2020	The Vanguard Group, Inc.	BUY	17.21	Ordinary	5,068	5,068
21-Aug-2020	The Vanguard Group, Inc.	SELL	17.23	Ordinary	(8,132)	(8,132)
21-Aug-2020	The Vanguard Group, Inc.	BUY	17.23	Ordinary	1,371	1,371
25-Aug-2020	The Vanguard Group, Inc.	BUY	17.45	Ordinary	11,946	11,946
26-Aug-2020	The Vanguard Group, Inc.	SELL	17.76	Ordinary	(6,148)	(6,148)
26-Aug-2020	The Vanguard Group, Inc.	BUY	17.57	Ordinary	2,167	2,167
27-Aug-2020	The Vanguard Group, Inc.	BUY	17.40	Ordinary	19,915	19,915
27-Aug-2020	The Vanguard Group, Inc.	BUY	17.51	Ordinary	96	96
28-Aug-2020	The Vanguard Group, Inc.	BUY	17.40	Ordinary	15,204	15,204
28-Aug-2020	The Vanguard Group, Inc.	BUY	17.56	Ordinary	1,371	1,371
31-Aug-2020	The Vanguard Group, Inc.	BUY	17.32	Ordinary	4,362	4,362
31-Aug-2020	The Vanguard Group, Inc.	BUY	17.52	Ordinary	2,620	2,620
31-Aug-2020	The Vanguard Group, Inc.	SELL	17.55	Ordinary	(11,776)	(11,776)
2-Sep-2020	The Vanguard Group, Inc.	SELL	17.13	Ordinary	(1,654)	(1,654)
2-Sep-2020	The Vanguard Group, Inc.	BUY	17.30	Ordinary	3,000	3,000
2-Sep-2020	The Vanguard Group, Inc.	SELL	16.96	Ordinary	(1,444,286)	(1,444,286)
2-Sep-2020	The Vanguard Group, Inc.	BUY	16.96	Ordinary	1,444,286	1,444,286
2-Sep-2020	The Vanguard Group, Inc.	BUY	17.32	Ordinary	39,035	39,035
3-Sep-2020	The Vanguard Group, Inc.	BUY	17.30	Ordinary	7,240	7,240
3-Sep-2020	The Vanguard Group, Inc.	BUY	17.52	Ordinary	17,193	17,193
3-Sep-2020	The Vanguard Group, Inc.	BUY	17.60	Ordinary	1,374	1,374
3-Sep-2020	The Vanguard Group, Inc.	BUY	17.60	Ordinary	5,040	5,040
4-Sep-2020	The Vanguard Group, Inc.	SELL	17.06	Ordinary	(31,978)	(31,978)
4-Sep-2020	The Vanguard Group, Inc.	BUY	17.21	Ordinary	7,240	7,240
4-Sep-2020	The Vanguard Group, Inc.	BUY	17.30	Ordinary	817	817
8-Sep-2020	The Vanguard Group, Inc.	BUY	17.17	Ordinary	7,240	7,240
8-Sep-2020	The Vanguard Group, Inc.	BUY	17.30	Ordinary	45,679	45,679
8-Sep-2020	The Vanguard Group, Inc.	BUY	17.66	Ordinary	17,225	17,225
8-Sep-2020	The Vanguard Group, Inc.	BUY	17.66	Ordinary	1,127	1,127
8-Sep-2020	The Vanguard Group, Inc.	BUY	17.66	Ordinary	1,668	1,668
9-Sep-2020	The Vanguard Group, Inc.	BUY	17.07	Ordinary	1,230	1,230
10-Sep-2020	The Vanguard Group, Inc.	SELL	17.00	Ordinary	(36,085)	(36,085)
10-Sep-2020	The Vanguard Group, Inc.	BUY	17.00	Ordinary	2,755	2,755
10-Sep-2020	The Vanguard Group, Inc.	BUY	17.22	Ordinary	385	385
11-Sep-2020	The Vanguard Group, Inc.	BUY	17.22	Ordinary	40,376	40,376
11-Sep-2020	The Vanguard Group, Inc.	BUY	16.81	Ordinary	5,220	5,220
14-Sep-2020	The Vanguard Group, Inc.	SELL	16.97	Ordinary	(48,292)	(48,292)
14-Sep-2020	The Vanguard Group, Inc.	BUY	16.81	Ordinary	10,860	10,860
15-Sep-2020	The Vanguard Group, Inc.	SELL	16.90	Ordinary	(209)	(209)
15-Sep-2020	The Vanguard Group, Inc.	SELL	16.72	Ordinary	(35,515)	(35,515)
16-Sep-2020	The Vanguard Group, Inc.	BUY	16.83	Ordinary	4,362	4,362
16-Sep-2020	The Vanguard Group, Inc.	BUY	16.83	Ordinary	2,000	2,000
16-Sep-2020	The Vanguard Group, Inc.	BUY	16.82	Ordinary	238	238
17-Sep-2020	The Vanguard Group, Inc.	SELL	16.81	Ordinary	(69,141)	(69,141)
17-Sep-2020	The Vanguard Group, Inc.	BUY	16.81	Ordinary	1,374	1,374
17-Sep-2020	The Vanguard Group, Inc.	BUY	16.81	Ordinary	1,127	1,127
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(26,939)	(26,939)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(32,496)	(32,496)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.64	Ordinary	(51,936)	(51,936)
18-Sep-2020	The Vanguard Group, Inc.	BUY	16.52	Ordinary	2,181	2,181
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(3,566)	(3,566)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(14,971)	(14,971)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(1,664)	(1,664)
18-Sep-2020	The Vanguard Group, Inc.	BUY	16.64	Ordinary	82	82
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(809)	(809)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(13,228)	(13,228)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(7,189)	(7,189)
18-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(208,369)	(208,369)
21-Sep-2020	The Vanguard Group, Inc.	SELL	16.60	Ordinary	(8,724)	(8,724)
21-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(395,097)	(395,097)
21-Sep-2020	The Vanguard Group, Inc.	SELL	16.65	Ordinary	(15,778)	(15,778)
21-Sep-2020	The Vanguard Group, Inc.	BUY	16.40	Ordinary	3,461	3,461
22-Sep-2020	The Vanguard Group, Inc.	BUY	16.09	Ordinary	4,312	4,312
22-Sep-2020	The Vanguard Group, Inc.	SELL	16.05	Ordinary	(1,645)	(1,645)

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22-Sep-2020	The Vanguard Group, Inc.	BUY	16.20	Ordinary	278	278
23-Sep-2020	The Vanguard Group, Inc.	SELL	16.19	Ordinary	(2,217)	(2,217)
23-Sep-2020	The Vanguard Group, Inc.	BUY	16.39	Ordinary	1,216	1,216
24-Sep-2020	The Vanguard Group, Inc.	SELL	16.37	Ordinary	(70,128)	(70,128)
24-Sep-2020	The Vanguard Group, Inc.	BUY	16.37	Ordinary	5,666	5,666
24-Sep-2020	The Vanguard Group, Inc.	SELL	16.10	Ordinary	(26,485)	(26,485)
25-Sep-2020	The Vanguard Group, Inc.	BUY	17.45	Ordinary	3,000	3,000
25-Sep-2020	The Vanguard Group, Inc.	BUY	17.14	Ordinary	195	195
28-Sep-2020	The Vanguard Group, Inc.	BUY	17.38	Ordinary	46,286	46,286
28-Sep-2020	The Vanguard Group, Inc.	SELL	17.55	Ordinary	(21,644)	(21,644)
29-Sep-2020	The Vanguard Group, Inc.	SELL	17.16	Ordinary	(21,377)	(21,377)
30-Sep-2020	The Vanguard Group, Inc.	SELL	17.14	Ordinary	(1,460,754)	(1,460,754)
30-Sep-2020	The Vanguard Group, Inc.	BUY	17.14	Ordinary	1,460,754	1,460,754
30-Sep-2020	The Vanguard Group, Inc.	SELL	16.84	Ordinary	(1,256)	(1,256)
1-Oct-2020	The Vanguard Group, Inc.	BUY	16.92	Ordinary	3,999	3,999
2-Oct-2020	The Vanguard Group, Inc.	BUY	16.79	Ordinary	23,898	23,898
2-Oct-2020	The Vanguard Group, Inc.	BUY	16.80	Ordinary	297	297
2-Oct-2020	The Vanguard Group, Inc.	BUY	16.57	Ordinary	1,085	1,085
5-Oct-2020	The Vanguard Group, Inc.	BUY	17.27	Ordinary	2,000	2,000
5-Oct-2020	The Vanguard Group, Inc.	BUY	17.29	Ordinary	13,714	13,714
6-Oct-2020	The Vanguard Group, Inc.	BUY	17.24	Ordinary	2,156	2,156
6-Oct-2020	The Vanguard Group, Inc.	BUY	17.24	Ordinary	3,000	3,000
6-Oct-2020	The Vanguard Group, Inc.	BUY	17.41	Ordinary	1,297	1,297
7-Oct-2020	The Vanguard Group, Inc.	BUY	17.86	Ordinary	9,650	9,650
9-Oct-2020	The Vanguard Group, Inc.	BUY	18.11	Ordinary	51,779	51,779
9-Oct-2020	The Vanguard Group, Inc.	BUY	18.11	Ordinary	19,915	19,915
9-Oct-2020	The Vanguard Group, Inc.	BUY	18.11	Ordinary	10,120	10,120
9-Oct-2020	The Vanguard Group, Inc.	BUY	18.11	Ordinary	2,000	2,000
9-Oct-2020	The Vanguard Group, Inc.	BUY	18.11	Ordinary	3,000	3,000
12-Oct-2020	The Vanguard Group, Inc.	BUY	18.11	Ordinary	21,720	21,720
12-Oct-2020	The Vanguard Group, Inc.	BUY	18.55	Ordinary	68,537	68,537
12-Oct-2020	The Vanguard Group, Inc.	BUY	18.55	Ordinary	2,167	2,167
13-Oct-2020	The Vanguard Group, Inc.	BUY	18.92	Ordinary	334	334
13-Oct-2020	The Vanguard Group, Inc.	BUY	18.96	Ordinary	1,297	1,297
13-Oct-2020	The Vanguard Group, Inc.	SELL	18.96	Ordinary	(41,969)	(41,969)
14-Oct-2020	The Vanguard Group, Inc.	SELL	18.74	Ordinary	(2,347)	(2,347)
14-Oct-2020	The Vanguard Group, Inc.	SELL	18.70	Ordinary	(40,217)	(40,217)
19-Oct-2020	The Vanguard Group, Inc.	BUY	18.78	Ordinary	2,618	2,618
20-Oct-2020	The Vanguard Group, Inc.	BUY	18.77	Ordinary	2,670	2,670
21-Oct-2020	The Vanguard Group, Inc.	SELL	18.69	Ordinary	(26,400)	(26,400)
21-Oct-2020	The Vanguard Group, Inc.	BUY	18.69	Ordinary	7,398	7,398
22-Oct-2020	The Vanguard Group, Inc.	SELL	18.49	Ordinary	(18,220)	(18,220)
22-Oct-2020	The Vanguard Group, Inc.	BUY	18.60	Ordinary	4,338	4,338
23-Oct-2020	The Vanguard Group, Inc.	BUY	18.78	Ordinary	22,185	22,185
23-Oct-2020	The Vanguard Group, Inc.	BUY	18.49	Ordinary	36,311	36,311
23-Oct-2020	The Vanguard Group, Inc.	SELL	18.78	Ordinary	(5,318)	(5,318)
23-Oct-2020	The Vanguard Group, Inc.	BUY	18.77	Ordinary	223	223
26-Oct-2020	The Vanguard Group, Inc.	BUY	18.84	Ordinary	18,372	18,372
26-Oct-2020	The Vanguard Group, Inc.	BUY	18.70	Ordinary	1,488	1,488
27-Oct-2020	The Vanguard Group, Inc.	BUY	18.56	Ordinary	3,758	3,758
27-Oct-2020	The Vanguard Group, Inc.	BUY	18.50	Ordinary	21,787	21,787
27-Oct-2020	The Vanguard Group, Inc.	BUY	18.56	Ordinary	13,724	13,724
28-Oct-2020	The Vanguard Group, Inc.	SELL	18.27	Ordinary	(1,080)	(1,080)
28-Oct-2020	The Vanguard Group, Inc.	BUY	17.85	Ordinary	4,312	4,312
29-Oct-2020	The Vanguard Group, Inc.	BUY	18.26	Ordinary	2,156	2,156
30-Oct-2020	The Vanguard Group, Inc.	BUY	18.01	Ordinary	1,000	1,000
30-Oct-2020	The Vanguard Group, Inc.	BUY	17.91	Ordinary	16,104	16,104
2-Nov-2020	The Vanguard Group, Inc.	BUY	17.76	Ordinary	2,000	2,000
2-Nov-2020	The Vanguard Group, Inc.	BUY	18.08	Ordinary	840	840
2-Nov-2020	The Vanguard Group, Inc.	BUY	17.80	Ordinary	16,104	16,104
3-Nov-2020	The Vanguard Group, Inc.	SELL	17.86	Ordinary	(24,966)	(24,966)
3-Nov-2020	The Vanguard Group, Inc.	BUY	17.92	Ordinary	6,468	6,468
3-Nov-2020	The Vanguard Group, Inc.	BUY	17.92	Ordinary	6,000	6,000
4-Nov-2020	The Vanguard Group, Inc.	BUY	17.40	Ordinary	2,000	2,000
5-Nov-2020	The Vanguard Group, Inc.	BUY	17.70	Ordinary	2,008	2,008
5-Nov-2020	The Vanguard Group, Inc.	BUY	17.70	Ordinary	262	262
5-Nov-2020	The Vanguard Group, Inc.	BUY	17.70	Ordinary	48,521	48,521
5-Nov-2020	The Vanguard Group, Inc.	BUY	17.70	Ordinary	1,524	1,524
6-Nov-2020	The Vanguard Group, Inc.	BUY	17.84	Ordinary	462	462
6-Nov-2020	The Vanguard Group, Inc.	BUY	17.77	Ordinary	1,342	1,342
9-Nov-2020	The Vanguard Group, Inc.	BUY	17.76	Ordinary	1,876	1,876

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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-Nov-2020	The Vanguard Group, Inc.	SELL	18.68	Ordinary	(9,394)	(9,394)
10-Nov-2020	The Vanguard Group, Inc.	SELL	18.58	Ordinary	(20,101)	(20,101)
11-Nov-2020	The Vanguard Group, Inc.	SELL	18.63	Ordinary	(648)	(648)
11-Nov-2020	The Vanguard Group, Inc.	SELL	18.58	Ordinary	(170,272)	(170,272)
13-Nov-2020	The Vanguard Group, Inc.	BUY	18.34	Ordinary	33,957	33,957
16-Nov-2020	The Vanguard Group, Inc.	BUY	18.91	Ordinary	7,912	7,912
16-Nov-2020	The Vanguard Group, Inc.	BUY	18.91	Ordinary	4,312	4,312
17-Nov-2020	The Vanguard Group, Inc.	BUY	19.02	Ordinary	8,052	8,052
17-Nov-2020	The Vanguard Group, Inc.	BUY	18.77	Ordinary	52,679	52,679
17-Nov-2020	The Vanguard Group, Inc.	BUY	19.02	Ordinary	3,413	3,413
18-Jul-2018	Vanguard Investments Australia Ltd.	SELL	29.67	Ordinary	(32,594)	(32,594)
19-Jul-2018	Vanguard Investments Australia Ltd.	BUY	29.70	Ordinary	48,481	48,481
20-Jul-2018	Vanguard Investments Australia Ltd.	SELL	29.90	Ordinary	(7,098)	(7,098)
20-Jul-2018	Vanguard Investments Australia Ltd.	BUY	29.90	Ordinary	34,870	34,870
27-Jul-2018	Vanguard Investments Australia Ltd.	BUY	29.38	Ordinary	60,258	60,258
2-Aug-2018	Vanguard Investments Australia Ltd.	BUY	29.19	Ordinary	28,530	28,530
3-Aug-2018	Vanguard Investments Australia Ltd.	SELL	28.91	Ordinary	(14,059)	(14,059)
3-Aug-2018	Vanguard Investments Australia Ltd.	BUY	28.91	Ordinary	43,341	43,341
6-Aug-2018	Vanguard Investments Australia Ltd.	SELL	29.15	Ordinary	(10,366)	(10,366)
7-Aug-2018	Vanguard Investments Australia Ltd.	BUY	29.22	Ordinary	55,045	55,045
9-Aug-2018	Vanguard Investments Australia Ltd.	BUY	29.49	Ordinary	413	413
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	30.29	Ordinary	1,007	1,007
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	30.29	Ordinary	52,407	52,407
15-Aug-2018	Vanguard Investments Australia Ltd.	BUY	30.29	Ordinary	19,098	19,098
16-Aug-2018	Vanguard Investments Australia Ltd.	SELL	30.18	Ordinary	(6,957)	(6,957)
20-Aug-2018	Vanguard Investments Australia Ltd.	SELL	30.14	Ordinary	(17,065)	(17,065)
21-Aug-2018	Vanguard Investments Australia Ltd.	BUY	29.50	Ordinary	31,810	31,810
27-Aug-2018	Vanguard Investments Australia Ltd.	BUY	27.76	Ordinary	16,461	16,461
27-Aug-2018	Vanguard Investments Australia Ltd.	BUY	27.76	Ordinary	37,659	37,659
28-Aug-2018	Vanguard Investments Australia Ltd.	BUY	28.11	Ordinary	56,877	56,877
29-Aug-2018	Vanguard Investments Australia Ltd.	BUY	28.88	Ordinary	27,627	27,627
31-Aug-2018	Vanguard Investments Australia Ltd.	BUY	28.58	Ordinary	4,162	4,162
31-Aug-2018	Vanguard Investments Australia Ltd.	BUY	28.58	Ordinary	2,226	2,226
3-Sep-2018	Vanguard Investments Australia Ltd.	SELL	28.54	Ordinary	(1,067)	(1,067)
3-Sep-2018	Vanguard Investments Australia Ltd.	SELL	28.54	Ordinary	(36,711)	(36,711)
4-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.31	Ordinary	43,229	43,229
4-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.31	Ordinary	35,068	35,068
6-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.84	Ordinary	70,401	70,401
7-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.80	Ordinary	9,494	9,494
7-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.80	Ordinary	42,433	42,433
10-Sep-2018	Vanguard Investments Australia Ltd.	SELL	27.69	Ordinary	(1,558)	(1,558)
10-Sep-2018	Vanguard Investments Australia Ltd.	SELL	27.69	Ordinary	(20,474)	(20,474)
10-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.69	Ordinary	31,880	31,880
11-Sep-2018	Vanguard Investments Australia Ltd.	SELL	27.89	Ordinary	(36,030)	(36,030)
17-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.90	Ordinary	35,200	35,200
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	51,683	51,683
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	3,055	3,055
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	10,093	10,093
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	57,684	57,684
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	2,620	2,620
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	21,068	21,068
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	12,625	12,625
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	10,299	10,299
21-Sep-2018	Vanguard Investments Australia Ltd.	BUY	28.16	Ordinary	117,511	117,511
26-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.81	Ordinary	19,080	19,080
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	6,243	6,243
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	56,895	56,895
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	7,498	7,498
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	6,079	6,079
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	12,126	12,126
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	65,585	65,585
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	3,712	3,712
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	25,968	25,968
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.67	Ordinary	64,194	64,194
27-Sep-2018	Vanguard Investments Australia Ltd.	BUY	27.61	Ordinary	245,322	245,322
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	27.93	Ordinary	(3,785)	(3,785)
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	27.93	Ordinary	(9,262)	(9,262)
28-Sep-2018	Vanguard Investments Australia Ltd.	SELL	27.93	Ordinary	(79,296)	(79,296)
1-Oct-2018	Vanguard Investments Australia Ltd.	BUY	27.50	Ordinary	16,760	16,760
1-Oct-2018	Vanguard Investments Australia Ltd.	BUY	27.50	Ordinary	28,215	28,215
3-Oct-2018	Vanguard Investments Australia Ltd.	BUY	27.15	Ordinary	40,627	40,627

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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-Oct-2018	Vanguard Investments Australia Ltd.	BUY	27.13	Ordinary	28,215	28,215
9-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.97	Ordinary	10,056	10,056
10-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.98	Ordinary	2,100	2,100
10-Oct-2018	Vanguard Investments Australia Ltd.	SELL	26.98	Ordinary	(23,304)	(23,304)
11-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.29	Ordinary	37,692	37,692
12-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.45	Ordinary	10,056	10,056
12-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.45	Ordinary	50,641	50,641
16-Oct-2018	Vanguard Investments Australia Ltd.	SELL	26.18	Ordinary	(14,922)	(14,922)
17-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.61	Ordinary	10,056	10,056
17-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.61	Ordinary	62,877	62,877
17-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.61	Ordinary	53,669	53,669
22-Oct-2018	Vanguard Investments Australia Ltd.	SELL	26.66	Ordinary	(9,668)	(9,668)
23-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.33	Ordinary	13,408	13,408
23-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.33	Ordinary	10,056	10,056
24-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	37,812	37,812
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	25.84	Ordinary	71,120	71,120
25-Oct-2018	Vanguard Investments Australia Ltd.	SELL	25.84	Ordinary	(23,917)	(23,917)
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	25.84	Ordinary	13,424	13,424
25-Oct-2018	Vanguard Investments Australia Ltd.	BUY	25.84	Ordinary	44,114	44,114
26-Oct-2018	Vanguard Investments Australia Ltd.	BUY	25.79	Ordinary	106,198	106,198
29-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.28	Ordinary	13,424	13,424
29-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.28	Ordinary	67,733	67,733
31-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.85	Ordinary	9,456	9,456
31-Oct-2018	Vanguard Investments Australia Ltd.	BUY	26.85	Ordinary	50,432	50,432
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.67	Ordinary	20,208	20,208
1-Nov-2018	Vanguard Investments Australia Ltd.	SELL	26.67	Ordinary	(8,571)	(8,571)
1-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.67	Ordinary	6,304	6,304
2-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	41,054	41,054
5-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.65	Ordinary	65,032	65,032
6-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.89	Ordinary	86,123	86,123
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	27.74	Ordinary	(35,007)	(35,007)
12-Nov-2018	Vanguard Investments Australia Ltd.	SELL	27.74	Ordinary	(1,340)	(1,340)
12-Nov-2018	Vanguard Investments Australia Ltd.	BUY	27.74	Ordinary	41,275	41,275
15-Nov-2018	Vanguard Investments Australia Ltd.	SELL	25.34	Ordinary	(25,068)	(25,068)
16-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.43	Ordinary	1,767	1,767
16-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.43	Ordinary	35,816	35,816
19-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.11	Ordinary	54,336	54,336
19-Nov-2018	Vanguard Investments Australia Ltd.	SELL	25.12	Ordinary	(128,063)	(128,063)
21-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.55	Ordinary	39,002	39,002
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.68	Ordinary	10,140	10,140
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.68	Ordinary	10,140	10,140
22-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.68	Ordinary	44,744	44,744
23-Nov-2018	Vanguard Investments Australia Ltd.	BUY	25.98	Ordinary	54,669	54,669
29-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.42	Ordinary	35,156	35,156
30-Nov-2018	Vanguard Investments Australia Ltd.	BUY	26.15	Ordinary	37,335	37,335
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	26.25	Ordinary	41,431	41,431
3-Dec-2018	Vanguard Investments Australia Ltd.	BUY	26.25	Ordinary	68,991	68,991
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.89	Ordinary	201,755	201,755
4-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.89	Ordinary	558,102	558,102
6-Dec-2018	Vanguard Investments Australia Ltd.	SELL	25.67	Ordinary	(26,177)	(26,177)
6-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.67	Ordinary	10,140	10,140
7-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.74	Ordinary	65,279	65,279
10-Dec-2018	Vanguard Investments Australia Ltd.	BUY	24.86	Ordinary	13,524	13,524
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.06	Ordinary	10,143	10,143
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.06	Ordinary	63,560	63,560
11-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.06	Ordinary	38,136	38,136
12-Dec-2018	Vanguard Investments Australia Ltd.	BUY	26.70	Ordinary	492,841	492,841
12-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.47	Ordinary	2,450,970	2,450,970
14-Dec-2018	Vanguard Investments Australia Ltd.	SELL	24.88	Ordinary	(19,068)	(19,068)
18-Dec-2018	Vanguard Investments Australia Ltd.	BUY	24.31	Ordinary	13,528	13,528
20-Dec-2018	Vanguard Investments Australia Ltd.	SELL	24.07	Ordinary	(15,992)	(15,992)
20-Dec-2018	Vanguard Investments Australia Ltd.	BUY	24.07	Ordinary	1,625	1,625
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	24.99	Ordinary	8,876	8,876
21-Dec-2018	Vanguard Investments Australia Ltd.	SELL	23.78	Ordinary	(12,787)	(12,787)
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	154,414	154,414
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	19,223	19,223
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	14,185	14,185
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	32,510	32,510
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	129,430	129,430
21-Dec-2018	Vanguard Investments Australia Ltd.	SELL	23.83	Ordinary	(1,857)	(1,857)
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	76,848	76,848

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21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	157,672	157,672
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.78	Ordinary	448,232	448,232
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.83	Ordinary	10,131	10,131
21-Dec-2018	Vanguard Investments Australia Ltd.	BUY	23.86	Ordinary	316,599	316,599
24-Dec-2018	Vanguard Investments Australia Ltd.	SELL	23.40	Ordinary	(13,169)	(13,169)
27-Dec-2018	Vanguard Investments Australia Ltd.	BUY	24.19	Ordinary	19,098	19,098
31-Dec-2018	Vanguard Investments Australia Ltd.	BUY	25.05	Ordinary	78,246	78,246
31-Dec-2018	Vanguard Investments Australia Ltd.	SELL	25.02	Ordinary	(2,187)	(2,187)
31-Dec-2018	Vanguard Investments Australia Ltd.	SELL	25.02	Ordinary	(36,407)	(36,407)
2-Jan-2019	Vanguard Investments Australia Ltd.	SELL	24.48	Ordinary	(8,366)	(8,366)
8-Jan-2019	Vanguard Investments Australia Ltd.	SELL	25.52	Ordinary	(10,924)	(10,924)
8-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.52	Ordinary	31,750	31,750
10-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.85	Ordinary	1,132	1,132
10-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.85	Ordinary	14,204	14,204
11-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.66	Ordinary	53,816	53,816
11-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.61	Ordinary	38,196	38,196
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	26.12	Ordinary	5,575	5,575
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	26.14	Ordinary	6,314	6,314
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	26.14	Ordinary	4,171	4,171
18-Jan-2019	Vanguard Investments Australia Ltd.	BUY	26.14	Ordinary	47,942	47,942
21-Jan-2019	Vanguard Investments Australia Ltd.	SELL	26.20	Ordinary	(36,576)	(36,576)
21-Jan-2019	Vanguard Investments Australia Ltd.	BUY	26.20	Ordinary	10,791	10,791
22-Jan-2019	Vanguard Investments Australia Ltd.	SELL	25.69	Ordinary	(11,794)	(11,794)
22-Jan-2019	Vanguard Investments Australia Ltd.	SELL	25.75	Ordinary	(18,423)	(18,423)
24-Jan-2019	Vanguard Investments Australia Ltd.	SELL	25.72	Ordinary	(17,134)	(17,134)
29-Jan-2019	Vanguard Investments Australia Ltd.	SELL	25.29	Ordinary	(20,332)	(20,332)
29-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.27	Ordinary	66,652	66,652
30-Jan-2019	Vanguard Investments Australia Ltd.	SELL	25.19	Ordinary	(6,755)	(6,755)
30-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.15	Ordinary	64,702	64,702
30-Jan-2019	Vanguard Investments Australia Ltd.	BUY	25.19	Ordinary	12,732	12,732
1-Feb-2019	Vanguard Investments Australia Ltd.	SELL	24.55	Ordinary	(7,614)	(7,614)
1-Feb-2019	Vanguard Investments Australia Ltd.	BUY	24.58	Ordinary	100,099	100,099
4-Feb-2019	Vanguard Investments Australia Ltd.	BUY	24.87	Ordinary	46,750	46,750
5-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.70	Ordinary	(222,320)	(222,320)
12-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.20	Ordinary	(18,081)	(18,081)
12-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.20	Ordinary	(18,824)	(18,824)
13-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.38	Ordinary	136,469	136,469
15-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.24	Ordinary	(12,450)	(12,450)
15-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.24	Ordinary	(948)	(948)
19-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.62	Ordinary	35,002	35,002
20-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.42	Ordinary	(20,439)	(20,439)
22-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.77	Ordinary	16,159	16,159
25-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	101,600	101,600
26-Feb-2019	Vanguard Investments Australia Ltd.	SELL	26.48	Ordinary	(85,225)	(85,225)
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.53	Ordinary	48,246	48,246
26-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.53	Ordinary	31,950	31,950
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.96	Ordinary	2,072	2,072
28-Feb-2019	Vanguard Investments Australia Ltd.	BUY	26.96	Ordinary	751	751
5-Mar-2019	Vanguard Investments Australia Ltd.	BUY	27.01	Ordinary	205,120	205,120
6-Mar-2019	Vanguard Investments Australia Ltd.	BUY	27.16	Ordinary	1,576	1,576
7-Mar-2019	Vanguard Investments Australia Ltd.	BUY	27.34	Ordinary	15,436	15,436
11-Mar-2019	Vanguard Investments Australia Ltd.	SELL	27.02	Ordinary	(9,262)	(9,262)
12-Mar-2019	Vanguard Investments Australia Ltd.	SELL	26.85	Ordinary	(23,853)	(23,853)
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	27.48	Ordinary	7,111	7,111
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	4,495	4,495
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	10,253	10,253
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	29,650	29,650
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	67,615	67,615
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	2,571	2,571
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	5,863	5,863
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	3,183	3,183
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	7,258	7,258
15-Mar-2019	Vanguard Investments Australia Ltd.	SELL	26.48	Ordinary	(20,753)	(20,753)
15-Mar-2019	Vanguard Investments Australia Ltd.	SELL	26.48	Ordinary	(23,114)	(23,114)
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	14,689	14,689
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	33,498	33,498
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	25,297	25,297
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	57,688	57,688
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	9,766	9,766
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	22,272	22,272
15-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.48	Ordinary	19,732	19,732

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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-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.50	Ordinary	45,000	45,000
19-Mar-2019	Vanguard Investments Australia Ltd.	SELL	26.42	Ordinary	(9,168)	(9,168)
19-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.42	Ordinary	396	396
21-Mar-2019	Vanguard Investments Australia Ltd.	SELL	26.33	Ordinary	(21,729)	(21,729)
21-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.33	Ordinary	39,213	39,213
22-Mar-2019	Vanguard Investments Australia Ltd.	BUY	26.51	Ordinary	46,950	46,950
29-Mar-2019	Vanguard Investments Australia Ltd.	SELL	25.92	Ordinary	(2,512)	(2,512)
29-Mar-2019	Vanguard Investments Australia Ltd.	SELL	25.92	Ordinary	(54,011)	(54,011)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.18	Ordinary	4,235	4,235
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.18	Ordinary	95,984	95,984
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.18	Ordinary	8,919	8,919
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	26.18	Ordinary	(191,691)	(191,691)
1-Apr-2019	Vanguard Investments Australia Ltd.	SELL	26.18	Ordinary	(4,000)	(4,000)
1-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.18	Ordinary	90,605	90,605
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.51	Ordinary	6,201	6,201
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.51	Ordinary	12,405	12,405
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.51	Ordinary	40,424	40,424
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.51	Ordinary	92,204	92,204
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.30	Ordinary	18,155	18,155
2-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.30	Ordinary	22,197	22,197
3-Apr-2019	Vanguard Investments Australia Ltd.	SELL	26.33	Ordinary	(2,619)	(2,619)
3-Apr-2019	Vanguard Investments Australia Ltd.	SELL	26.33	Ordinary	(4,954)	(4,954)
5-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.14	Ordinary	33,396	33,396
5-Apr-2019	Vanguard Investments Australia Ltd.	SELL	26.05	Ordinary	(5,978)	(5,978)
8-Apr-2019	Vanguard Investments Australia Ltd.	BUY	25.88	Ordinary	25,416	25,416
9-Apr-2019	Vanguard Investments Australia Ltd.	SELL	25.84	Ordinary	(7,769)	(7,769)
9-Apr-2019	Vanguard Investments Australia Ltd.	BUY	25.84	Ordinary	1,020,121	1,020,121
10-Apr-2019	Vanguard Investments Australia Ltd.	SELL	25.90	Ordinary	(6,145)	(6,145)
11-Apr-2019	Vanguard Investments Australia Ltd.	BUY	25.57	Ordinary	50,982	50,982
12-Apr-2019	Vanguard Investments Australia Ltd.	SELL	25.92	Ordinary	(8,982)	(8,982)
16-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.41	Ordinary	200,245	200,245
17-Apr-2019	Vanguard Investments Australia Ltd.	BUY	26.81	Ordinary	1,895	1,895
18-Apr-2019	Vanguard Investments Australia Ltd.	SELL	26.83	Ordinary	(6,786)	(6,786)
23-Apr-2019	Vanguard Investments Australia Ltd.	SELL	27.16	Ordinary	(13,619)	(13,619)
26-Apr-2019	Vanguard Investments Australia Ltd.	SELL	29.24	Ordinary	(7,497)	(7,497)
26-Apr-2019	Vanguard Investments Australia Ltd.	SELL	27.66	Ordinary	(18,011)	(18,011)
30-Apr-2019	Vanguard Investments Australia Ltd.	SELL	27.51	Ordinary	(50,834)	(50,834)
30-Apr-2019	Vanguard Investments Australia Ltd.	BUY	27.51	Ordinary	38,076	38,076
1-May-2019	Vanguard Investments Australia Ltd.	BUY	28.02	Ordinary	13,203	13,203
1-May-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	56,510	56,510
1-May-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	78,541	78,541
1-May-2019	Vanguard Investments Australia Ltd.	BUY	28.02	Ordinary	18,346	18,346
1-May-2019	Vanguard Investments Australia Ltd.	BUY	28.02	Ordinary	33,356	33,356
1-May-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	142,796	142,796
3-May-2019	Vanguard Investments Australia Ltd.	SELL	27.45	Ordinary	(5,754)	(5,754)
6-May-2019	Vanguard Investments Australia Ltd.	BUY	28.52	Ordinary	7,023	7,023
6-May-2019	Vanguard Investments Australia Ltd.	BUY	27.02	Ordinary	60,267	60,267
7-May-2019	Vanguard Investments Australia Ltd.	SELL	27.06	Ordinary	(8,958)	(8,958)
10-May-2019	Vanguard Investments Australia Ltd.	BUY	27.12	Ordinary	5,258	5,258
10-May-2019	Vanguard Investments Australia Ltd.	BUY	27.12	Ordinary	11,051	11,051
10-May-2019	Vanguard Investments Australia Ltd.	BUY	27.12	Ordinary	7,266	7,266
10-May-2019	Vanguard Investments Australia Ltd.	BUY	27.22	Ordinary	28,512	28,512
14-May-2019	Vanguard Investments Australia Ltd.	SELL	26.90	Ordinary	(11,264)	(11,264)
15-May-2019	Vanguard Investments Australia Ltd.	SELL	26.90	Ordinary	(14,156)	(14,156)
16-May-2019	Vanguard Investments Australia Ltd.	BUY	27.36	Ordinary	8,900	8,900
16-May-2019	Vanguard Investments Australia Ltd.	BUY	27.36	Ordinary	225,425	225,425
16-May-2019	Vanguard Investments Australia Ltd.	BUY	25.75	Ordinary	75,170	75,170
16-May-2019	Vanguard Investments Australia Ltd.	BUY	27.36	Ordinary	1,002,296	1,002,296
17-May-2019	Vanguard Investments Australia Ltd.	BUY	25.41	Ordinary	2,230	2,230
17-May-2019	Vanguard Investments Australia Ltd.	BUY	25.41	Ordinary	48,746	48,746
17-May-2019	Vanguard Investments Australia Ltd.	BUY	25.41	Ordinary	31,830	31,830
21-May-2019	Vanguard Investments Australia Ltd.	BUY	28.50	Ordinary	31,920	31,920
22-May-2019	Vanguard Investments Australia Ltd.	BUY	28.64	Ordinary	28,454	28,454
23-May-2019	Vanguard Investments Australia Ltd.	SELL	28.16	Ordinary	(2,270)	(2,270)
27-May-2019	Vanguard Investments Australia Ltd.	SELL	27.92	Ordinary	(71,134)	(71,134)
28-May-2019	Vanguard Investments Australia Ltd.	SELL	27.87	Ordinary	(6,123)	(6,123)
28-May-2019	Vanguard Investments Australia Ltd.	BUY	27.87	Ordinary	32,040	32,040
29-May-2019	Vanguard Investments Australia Ltd.	SELL	29.20	Ordinary	(20,000)	(20,000)
29-May-2019	Vanguard Investments Australia Ltd.	SELL	27.71	Ordinary	(43,000)	(43,000)
29-May-2019	Vanguard Investments Australia Ltd.	SELL	27.61	Ordinary	(18,735)	(18,735)
30-May-2019	Vanguard Investments Australia Ltd.	SELL	27.62	Ordinary	(1,152)	(1,152)

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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
30-May-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	194,732	194,732
3-Jun-2019	Vanguard Investments Australia Ltd.	SELL	27.08	Ordinary	(64,760)	(64,760)
3-Jun-2019	Vanguard Investments Australia Ltd.	SELL	27.08	Ordinary	(33,070)	(33,070)
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.09	Ordinary	3,167	3,167
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.25	Ordinary	214,050	214,050
4-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.25	Ordinary	32,040	32,040
5-Jun-2019	Vanguard Investments Australia Ltd.	SELL	27.78	Ordinary	(8,766)	(8,766)
5-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	7,576	7,576
5-Jun-2019	Vanguard Investments Australia Ltd.	SELL	27.78	Ordinary	(222,021)	(222,021)
5-Jun-2019	Vanguard Investments Australia Ltd.	SELL	27.78	Ordinary	(987,159)	(987,159)
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.83	Ordinary	8,092	8,092
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.83	Ordinary	7,576	7,576
6-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.83	Ordinary	38,448	38,448
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.98	Ordinary	9,758	9,758
7-Jun-2019	Vanguard Investments Australia Ltd.	SELL	27.98	Ordinary	(2,615)	(2,615)
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.98	Ordinary	4,709	4,709
7-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.94	Ordinary	143,029	143,029
11-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.30	Ordinary	(8,247)	(8,247)
11-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.30	Ordinary	11,364	11,364
12-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.06	Ordinary	107,752	107,752
13-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.13	Ordinary	7,574	7,574
17-Jun-2019	Vanguard Investments Australia Ltd.	BUY	27.98	Ordinary	25,584	25,584
20-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.25	Ordinary	(15,441)	(15,441)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	205	205
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	23,138	23,138
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	50	50
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	5,725	5,725
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	22	22
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	2,478	2,478
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	199	199
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	22,460	22,460
21-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.23	Ordinary	(6,491)	(6,491)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	106	106
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	11,936	11,936
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	471	471
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	53,117	53,117
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	11,355	11,355
21-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.23	Ordinary	(116,254)	(116,254)
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	1,525	1,525
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	172,089	172,089
21-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	19,188	19,188
25-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.28	Ordinary	(72,871)	(72,871)
26-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.04	Ordinary	11,172	11,172
27-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.14	Ordinary	(28,687)	(28,687)
27-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.14	Ordinary	14,928	14,928
27-Jun-2019	Vanguard Investments Australia Ltd.	BUY	28.14	Ordinary	22,428	22,428
28-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.36	Ordinary	(1,428)	(1,428)
28-Jun-2019	Vanguard Investments Australia Ltd.	SELL	28.36	Ordinary	(42,955)	(42,955)
2-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.93	Ordinary	11,055	11,055
2-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.93	Ordinary	38,052	38,052
5-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.35	Ordinary	32,544	32,544
8-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.02	Ordinary	22,110	22,110
8-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.02	Ordinary	19,026	19,026
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.89	Ordinary	19,026	19,026
9-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.89	Ordinary	36,871	36,871
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.05	Ordinary	6,174	6,174
11-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.98	Ordinary	19,014	19,014
12-Jul-2019	Vanguard Investments Australia Ltd.	SELL	28.00	Ordinary	(6,789)	(6,789)
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.86	Ordinary	5,183	5,183
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.86	Ordinary	63,820	63,820
15-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.81	Ordinary	11,055	11,055
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.64	Ordinary	46,741	46,741
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.64	Ordinary	7,236	7,236
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.64	Ordinary	20,917	20,917
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.66	Ordinary	38,040	38,040
16-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.66	Ordinary	38,259	38,259
17-Jul-2019	Vanguard Investments Australia Ltd.	SELL	27.68	Ordinary	(25,814)	(25,814)
18-Jul-2019	Vanguard Investments Australia Ltd.	SELL	27.58	Ordinary	(14,400)	(14,400)
19-Jul-2019	Vanguard Investments Australia Ltd.	SELL	27.88	Ordinary	(14,221)	(14,221)
19-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.88	Ordinary	35,377	35,377
22-Jul-2019	Vanguard Investments Australia Ltd.	SELL	27.84	Ordinary	(2,119,056)	(2,119,056)

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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-Jul-2019	Vanguard Investments Australia Ltd.	BUY	27.84	Ordinary	11,055	11,055
23-Jul-2019	Vanguard Investments Australia Ltd.	SELL	27.92	Ordinary	(11,061)	(11,061)
24-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.39	Ordinary	22,455	22,455
26-Jul-2019	Vanguard Investments Australia Ltd.	SELL	28.58	Ordinary	(8,787)	(8,787)
30-Jul-2019	Vanguard Investments Australia Ltd.	BUY	29.00	Ordinary	34,815	34,815
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.65	Ordinary	68,952	68,952
31-Jul-2019	Vanguard Investments Australia Ltd.	BUY	28.65	Ordinary	11,052	11,052
1-Aug-2019	Vanguard Investments Australia Ltd.	SELL	28.80	Ordinary	(20,655)	(20,655)
2-Aug-2019	Vanguard Investments Australia Ltd.	SELL	28.82	Ordinary	(25,945)	(25,945)
6-Aug-2019	Vanguard Investments Australia Ltd.	SELL	27.73	Ordinary	(11,053)	(11,053)
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.73	Ordinary	14,736	14,736
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.73	Ordinary	28,548	28,548
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.73	Ordinary	40,209	40,209
6-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.73	Ordinary	28,548	28,548
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	25,788	25,788
7-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	39,255	39,255
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.06	Ordinary	58,348	58,348
8-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.06	Ordinary	34,936	34,936
9-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.21	Ordinary	23,165	23,165
12-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.41	Ordinary	34,936	34,936
13-Aug-2019	Vanguard Investments Australia Ltd.	SELL	28.34	Ordinary	(7,243)	(7,243)
13-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.34	Ordinary	15,988	15,988
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.52	Ordinary	586	586
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.52	Ordinary	8,214	8,214
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.52	Ordinary	3,916	3,916
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.52	Ordinary	14,792	14,792
14-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.52	Ordinary	53,219	53,219
15-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.61	Ordinary	14,788	14,788
16-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.82	Ordinary	52,592	52,592
19-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	62,657	62,657
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	14,362	14,362
20-Aug-2019	Vanguard Investments Australia Ltd.	SELL	28.03	Ordinary	(12,674)	(12,674)
20-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.03	Ordinary	25,063	25,063
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.52	Ordinary	11,103	11,103
21-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.52	Ordinary	22,254	22,254
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.75	Ordinary	4,088	4,088
22-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.75	Ordinary	35,413	35,413
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	3,782	3,782
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	1,360,771	1,360,771
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	2,137	2,137
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	662	662
27-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.62	Ordinary	43,916	43,916
28-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.54	Ordinary	52,567	52,567
29-Aug-2019	Vanguard Investments Australia Ltd.	BUY	27.64	Ordinary	11,148	11,148
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	30.03	Ordinary	16,913	16,913
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.22	Ordinary	73,391	73,391
30-Aug-2019	Vanguard Investments Australia Ltd.	BUY	28.22	Ordinary	16,235	16,235
2-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.23	Ordinary	70,554	70,554
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.34	Ordinary	951	951
3-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.35	Ordinary	339,560	339,560
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.25	Ordinary	46,941	46,941
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	30.15	Ordinary	7,912	7,912
4-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.25	Ordinary	14,900	14,900
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.49	Ordinary	1,189	1,189
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.49	Ordinary	46,322	46,322
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.49	Ordinary	14,948	14,948
5-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.49	Ordinary	69,847	69,847
6-Sep-2019	Vanguard Investments Australia Ltd.	SELL	28.63	Ordinary	(9,723)	(9,723)
9-Sep-2019	Vanguard Investments Australia Ltd.	BUY	28.85	Ordinary	14,952	14,952
10-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.12	Ordinary	(2,551)	(2,551)
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.12	Ordinary	24,527	24,527
10-Sep-2019	Vanguard Investments Australia Ltd.	BUY	31.04	Ordinary	5,907	5,907
12-Sep-2019	Vanguard Investments Australia Ltd.	BUY	31.77	Ordinary	4,405	4,405
12-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.66	Ordinary	23,306	23,306
13-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.69	Ordinary	11,591	11,591
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.69	Ordinary	(17,052)	(17,052)
13-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.69	Ordinary	(2,381)	(2,381)
17-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.63	Ordinary	(2,437)	(2,437)
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	31.83	Ordinary	10,696	10,696
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.63	Ordinary	6,060	6,060
17-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.63	Ordinary	61,427	61,427

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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
18-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.54	Ordinary	(17,249)	(17,249)
19-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.57	Ordinary	11,217	11,217
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.66	Ordinary	(2,908)	(2,908)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	24,758	24,758
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.66	Ordinary	(4,378)	(4,378)
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.66	Ordinary	(60,618)	(60,618)
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	16,118	16,118
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.67	Ordinary	77,000	77,000
20-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.66	Ordinary	32,310	32,310
20-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.66	Ordinary	(5,600)	(5,600)
23-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.80	Ordinary	48,285	48,285
24-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.92	Ordinary	7,410	7,410
25-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.89	Ordinary	(19,153)	(19,153)
25-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.89	Ordinary	45,052	45,052
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.90	Ordinary	26,425	26,425
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.90	Ordinary	15,100	15,100
27-Sep-2019	Vanguard Investments Australia Ltd.	BUY	29.90	Ordinary	38,544	38,544
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.64	Ordinary	(23,715)	(23,715)
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.64	Ordinary	(2,691)	(2,691)
30-Sep-2019	Vanguard Investments Australia Ltd.	SELL	29.64	Ordinary	(53,777)	(53,777)
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.25	Ordinary	4,086	4,086
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.25	Ordinary	86,415	86,415
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.25	Ordinary	12,366	12,366
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.25	Ordinary	28,348	28,348
2-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.21	Ordinary	60,230	60,230
2-Oct-2019	Vanguard Investments Australia Ltd.	SELL	29.21	Ordinary	(76,080)	(76,080)
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.55	Ordinary	49,644	49,644
3-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.50	Ordinary	22,284	22,284
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.42	Ordinary	16,854	16,854
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.42	Ordinary	1,781	1,781
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.42	Ordinary	45,537	45,537
4-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.42	Ordinary	53,805	53,805
7-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.61	Ordinary	27,209	27,209
9-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.43	Ordinary	18,565	18,565
10-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.53	Ordinary	5,130	5,130
10-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.53	Ordinary	27,191	27,191
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.75	Ordinary	16,292	16,292
11-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.75	Ordinary	25,184	25,184
14-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.90	Ordinary	454,799	454,799
14-Oct-2019	Vanguard Investments Australia Ltd.	SELL	28.90	Ordinary	(15,475)	(15,475)
14-Oct-2019	Vanguard Investments Australia Ltd.	SELL	28.90	Ordinary	(4,006)	(4,006)
16-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.24	Ordinary	538,958	538,958
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.08	Ordinary	4,270	4,270
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.08	Ordinary	6,172	6,172
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.08	Ordinary	1,339	1,339
17-Oct-2019	Vanguard Investments Australia Ltd.	BUY	29.08	Ordinary	14,852	14,852
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.84	Ordinary	11,139	11,139
18-Oct-2019	Vanguard Investments Australia Ltd.	SELL	28.84	Ordinary	(4,191)	(4,191)
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.75	Ordinary	99,286	99,286
18-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.84	Ordinary	31,400	31,400
21-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.79	Ordinary	41,938	41,938
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.98	Ordinary	24,144	24,144
22-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.98	Ordinary	31,370	31,370
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.91	Ordinary	34,936	34,936
23-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.91	Ordinary	13,358	13,358
24-Oct-2019	Vanguard Investments Australia Ltd.	SELL	28.90	Ordinary	(5,974)	(5,974)
28-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.99	Ordinary	31,300	31,300
29-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.77	Ordinary	312	312
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.55	Ordinary	108,992	108,992
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.55	Ordinary	11,139	11,139
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.55	Ordinary	14,852	14,852
30-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.55	Ordinary	70,820	70,820
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.21	Ordinary	82,957	82,957
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	28.21	Ordinary	(23,215)	(23,215)
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.12	Ordinary	92,789	92,789
31-Oct-2019	Vanguard Investments Australia Ltd.	BUY	28.21	Ordinary	75,072	75,072
31-Oct-2019	Vanguard Investments Australia Ltd.	SELL	28.21	Ordinary	(37,536)	(37,536)
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	27.88	Ordinary	(76,236)	(76,236)
1-Nov-2019	Vanguard Investments Australia Ltd.	SELL	27.89	Ordinary	(420,404)	(420,404)
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.88	Ordinary	14,852	14,852
1-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.88	Ordinary	11,139	11,139

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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-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.88	Ordinary	43,231	43,231
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	4,944	4,944
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	6,194	6,194
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	27.17	Ordinary	(8,355)	(8,355)
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	26.58	Ordinary	(557,943)	(557,943)
5-Nov-2019	Vanguard Investments Australia Ltd.	SELL	27.17	Ordinary	(136,265)	(136,265)
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	4,264	4,264
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	602	602
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	51,938	51,938
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	1,305	1,305
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	23,038	23,038
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	55,014	55,014
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	711	711
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.17	Ordinary	14,852	14,852
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	12,588	12,588
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.17	Ordinary	37,392	37,392
5-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	201,972	201,972
7-Nov-2019	Vanguard Investments Australia Ltd.	SELL	27.45	Ordinary	(45,523)	(45,523)
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.45	Ordinary	138,195	138,195
7-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.45	Ordinary	15,148	15,148
11-Nov-2019	Vanguard Investments Australia Ltd.	SELL	27.78	Ordinary	(11,337)	(11,337)
11-Nov-2019	Vanguard Investments Australia Ltd.	BUY	27.76	Ordinary	10,000	10,000
12-Nov-2019	Vanguard Investments Australia Ltd.	SELL	26.80	Ordinary	(14,752)	(14,752)
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	11,430	11,430
12-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.80	Ordinary	34,397	34,397
13-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.44	Ordinary	9,369	9,369
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.57	Ordinary	67,120	67,120
14-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.57	Ordinary	8,206	8,206
15-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.63	Ordinary	15,272	15,272
19-Nov-2019	Vanguard Investments Australia Ltd.	SELL	26.55	Ordinary	(5,152)	(5,152)
19-Nov-2019	Vanguard Investments Australia Ltd.	BUY	26.55	Ordinary	40,560	40,560
20-Nov-2019	Vanguard Investments Australia Ltd.	SELL	25.67	Ordinary	(260,364)	(260,364)
20-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.67	Ordinary	21,826	21,826
21-Nov-2019	Vanguard Investments Australia Ltd.	SELL	25.16	Ordinary	(7,115)	(7,115)
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.16	Ordinary	15,276	15,276
21-Nov-2019	Vanguard Investments Australia Ltd.	BUY	25.16	Ordinary	65,499	65,499
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.77	Ordinary	12,309	12,309
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.77	Ordinary	11,457	11,457
22-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.77	Ordinary	172,771	172,771
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.44	Ordinary	8,952	8,952
25-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.44	Ordinary	65,527	65,527
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	24.86	Ordinary	(2,898)	(2,898)
26-Nov-2019	Vanguard Investments Australia Ltd.	SELL	24.86	Ordinary	(16,186)	(16,186)
26-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.86	Ordinary	1,908	1,908
27-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.81	Ordinary	63,556	63,556
27-Nov-2019	Vanguard Investments Australia Ltd.	SELL	24.69	Ordinary	(312)	(312)
28-Nov-2019	Vanguard Investments Australia Ltd.	SELL	24.70	Ordinary	(2,683)	(2,683)
28-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.70	Ordinary	11,457	11,457
29-Nov-2019	Vanguard Investments Australia Ltd.	BUY	24.52	Ordinary	37,476	37,476
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.60	Ordinary	12,035	12,035
2-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.60	Ordinary	45,000	45,000
3-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.29	Ordinary	22,914	22,914
3-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.29	Ordinary	48,573	48,573
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.04	Ordinary	19,090	19,090
4-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.04	Ordinary	68,662	68,662
6-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.27	Ordinary	69,745	69,745
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.35	Ordinary	12,423	12,423
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.35	Ordinary	15,276	15,276
9-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.35	Ordinary	37,440	37,440
11-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.38	Ordinary	57,897	57,897
11-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.38	Ordinary	70,012	70,012
12-Dec-2019	Vanguard Investments Australia Ltd.	SELL	24.08	Ordinary	(910)	(910)
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.48	Ordinary	15,276	15,276
13-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.48	Ordinary	31,190	31,190
18-Dec-2019	Vanguard Investments Australia Ltd.	SELL	24.50	Ordinary	(20,700)	(20,700)
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.53	Ordinary	70,112	70,112
18-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.50	Ordinary	43,638	43,638
20-Dec-2019	Vanguard Investments Australia Ltd.	SELL	24.25	Ordinary	(2,533)	(2,533)
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.25	Ordinary	157,815	157,815
20-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.25	Ordinary	15,260	15,260
27-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.33	Ordinary	11,640	11,640

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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
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.38	Ordinary	12,548	12,548
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.36	Ordinary	90,000	90,000
30-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.40	Ordinary	24,984	24,984
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.23	Ordinary	66,964	66,964
31-Dec-2019	Vanguard Investments Australia Ltd.	SELL	24.23	Ordinary	(17,963)	(17,963)
31-Dec-2019	Vanguard Investments Australia Ltd.	BUY	24.23	Ordinary	15,615	15,615
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.19	Ordinary	15,388	15,388
2-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.19	Ordinary	37,140	37,140
3-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.36	Ordinary	4,421	4,421
3-Jan-2020	Vanguard Investments Australia Ltd.	SELL	24.36	Ordinary	(231,539)	(231,539)
6-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.19	Ordinary	14,507	14,507
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.63	Ordinary	62,363	62,363
7-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.62	Ordinary	18,582	18,582
8-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.54	Ordinary	46,470	46,470
9-Jan-2020	Vanguard Investments Australia Ltd.	SELL	24.47	Ordinary	(24,784)	(24,784)
13-Jan-2020	Vanguard Investments Australia Ltd.	SELL	24.59	Ordinary	(9,635)	(9,635)
13-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.59	Ordinary	46,440	46,440
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.60	Ordinary	39,932	39,932
14-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.57	Ordinary	16,444	16,444
14-Jan-2020	Vanguard Investments Australia Ltd.	SELL	24.57	Ordinary	(16,444)	(16,444)
15-Jan-2020	Vanguard Investments Australia Ltd.	SELL	24.69	Ordinary	(54,174)	(54,174)
15-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.68	Ordinary	70,540	70,540
16-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.90	Ordinary	11,840	11,840
17-Jan-2020	Vanguard Investments Australia Ltd.	BUY	24.98	Ordinary	11,538	11,538
21-Jan-2020	Vanguard Investments Australia Ltd.	SELL	25.12	Ordinary	(38,547)	(38,547)
21-Jan-2020	Vanguard Investments Australia Ltd.	BUY	25.12	Ordinary	46,440	46,440
23-Jan-2020	Vanguard Investments Australia Ltd.	BUY	25.08	Ordinary	11,538	11,538
24-Jan-2020	Vanguard Investments Australia Ltd.	SELL	25.21	Ordinary	(8,591)	(8,591)
29-Jan-2020	Vanguard Investments Australia Ltd.	SELL	25.19	Ordinary	(15,378)	(15,378)
29-Jan-2020	Vanguard Investments Australia Ltd.	BUY	25.19	Ordinary	15,384	15,384
30-Jan-2020	Vanguard Investments Australia Ltd.	BUY	25.31	Ordinary	46,380	46,380
31-Jan-2020	Vanguard Investments Australia Ltd.	BUY	25.20	Ordinary	43,894	43,894
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	24.81	Ordinary	(12,456)	(12,456)
3-Feb-2020	Vanguard Investments Australia Ltd.	SELL	24.84	Ordinary	(25,261)	(25,261)
5-Feb-2020	Vanguard Investments Australia Ltd.	BUY	24.73	Ordinary	4,110	4,110
7-Feb-2020	Vanguard Investments Australia Ltd.	BUY	25.01	Ordinary	30,910	30,910
10-Feb-2020	Vanguard Investments Australia Ltd.	BUY	24.97	Ordinary	41,493	41,493
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	25.08	Ordinary	113,728	113,728
11-Feb-2020	Vanguard Investments Australia Ltd.	BUY	25.10	Ordinary	61,760	61,760
12-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.25	Ordinary	(45,164)	(45,164)
13-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.41	Ordinary	(19,225)	(19,225)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.62	Ordinary	(57,359)	(57,359)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.55	Ordinary	(257)	(257)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.62	Ordinary	(12,336)	(12,336)
17-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.62	Ordinary	(19,021)	(19,021)
18-Feb-2020	Vanguard Investments Australia Ltd.	BUY	25.75	Ordinary	4,113	4,113
19-Feb-2020	Vanguard Investments Australia Ltd.	BUY	25.62	Ordinary	399	399
25-Feb-2020	Vanguard Investments Australia Ltd.	BUY	25.08	Ordinary	337	337
26-Feb-2020	Vanguard Investments Australia Ltd.	SELL	25.76	Ordinary	(8,145)	(8,145)
26-Feb-2020	Vanguard Investments Australia Ltd.	SELL	24.67	Ordinary	(14,206)	(14,206)
26-Feb-2020	Vanguard Investments Australia Ltd.	BUY	24.66	Ordinary	49,776	49,776
27-Feb-2020	Vanguard Investments Australia Ltd.	BUY	24.33	Ordinary	248,347	248,347
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	23.66	Ordinary	33,661	33,661
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	23.64	Ordinary	(25,108)	(25,108)
28-Feb-2020	Vanguard Investments Australia Ltd.	SELL	23.64	Ordinary	(40,585)	(40,585)
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	23.66	Ordinary	5,612	5,612
28-Feb-2020	Vanguard Investments Australia Ltd.	BUY	23.64	Ordinary	46,650	46,650
2-Mar-2020	Vanguard Investments Australia Ltd.	SELL	23.19	Ordinary	(27,513)	(27,513)
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.94	Ordinary	11,637	11,637
3-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.94	Ordinary	84,132	84,132
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.23	Ordinary	37,021	37,021
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	23.37	Ordinary	5,357	5,357
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.23	Ordinary	314	314
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.23	Ordinary	15,516	15,516
4-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.23	Ordinary	52,989	52,989
5-Mar-2020	Vanguard Investments Australia Ltd.	SELL	22.25	Ordinary	(13,536)	(13,536)
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.25	Ordinary	6,804	6,804
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.25	Ordinary	2,119	2,119
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.25	Ordinary	34,416	34,416
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.25	Ordinary	28,501	28,501
5-Mar-2020	Vanguard Investments Australia Ltd.	BUY	22.25	Ordinary	15,600	15,600

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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
6-Mar-2020	Vanguard Investments Australia Ltd.	SELL	21.35	Ordinary	(33,357)	(33,357)
9-Mar-2020	Vanguard Investments Australia Ltd.	SELL	19.52	Ordinary	(2,199)	(2,199)
9-Mar-2020	Vanguard Investments Australia Ltd.	SELL	19.52	Ordinary	(136)	(136)
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.52	Ordinary	3,719	3,719
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.52	Ordinary	23,406	23,406
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.52	Ordinary	19,505	19,505
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.52	Ordinary	135,737	135,737
9-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.52	Ordinary	109,305	109,305
10-Mar-2020	Vanguard Investments Australia Ltd.	SELL	20.54	Ordinary	(7,576)	(7,576)
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	20.54	Ordinary	54,597	54,597
10-Mar-2020	Vanguard Investments Australia Ltd.	BUY	20.54	Ordinary	169,412	169,412
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	20.12	Ordinary	17,518	17,518
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.46	Ordinary	23,406	23,406
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.46	Ordinary	35,109	35,109
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.46	Ordinary	62,500	62,500
11-Mar-2020	Vanguard Investments Australia Ltd.	BUY	19.46	Ordinary	78,125	78,125
12-Mar-2020	Vanguard Investments Australia Ltd.	SELL	17.74	Ordinary	(27,800)	(27,800)
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.74	Ordinary	4,246	4,246
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.74	Ordinary	15,604	15,604
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.74	Ordinary	343,411	343,411
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.74	Ordinary	93,660	93,660
12-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.74	Ordinary	53,074	53,074
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	16.89	Ordinary	(6,475)	(6,475)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	18.12	Ordinary	(38,247)	(38,247)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	18.12	Ordinary	(5,246)	(5,246)
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	18.12	Ordinary	(1,433)	(1,433)
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	18.12	Ordinary	136,228	136,228
13-Mar-2020	Vanguard Investments Australia Ltd.	SELL	18.12	Ordinary	(48,351)	(48,351)
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	18.12	Ordinary	31,216	31,216
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	18.12	Ordinary	24,922	24,922
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	18.12	Ordinary	208,325	208,325
13-Mar-2020	Vanguard Investments Australia Ltd.	BUY	18.12	Ordinary	93,720	93,720
16-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.98	Ordinary	109,340	109,340
17-Mar-2020	Vanguard Investments Australia Ltd.	SELL	17.25	Ordinary	(55,644)	(55,644)
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	16.27	Ordinary	12,347	12,347
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	4,246	4,246
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	16,068	16,068
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	31,216	31,216
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	23,412	23,412
17-Mar-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	78,150	78,150
18-Mar-2020	Vanguard Investments Australia Ltd.	SELL	15.90	Ordinary	(52,282)	(52,282)
18-Mar-2020	Vanguard Investments Australia Ltd.	SELL	15.90	Ordinary	(25,232)	(25,232)
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.90	Ordinary	138,414	138,414
18-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.90	Ordinary	93,900	93,900
19-Mar-2020	Vanguard Investments Australia Ltd.	SELL	14.53	Ordinary	(8,131)	(8,131)
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.00	Ordinary	2,202	2,202
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.53	Ordinary	11,709	11,709
19-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.53	Ordinary	72,013	72,013
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	15.77	Ordinary	(6,296)	(6,296)
20-Mar-2020	Vanguard Investments Australia Ltd.	SELL	15.77	Ordinary	(8,990)	(8,990)
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	67,684	67,684
20-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	97,061	97,061
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.10	Ordinary	6,891	6,891
23-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.10	Ordinary	43,918	43,918
24-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.51	Ordinary	14,948	14,948
24-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.51	Ordinary	421	421
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	16.02	Ordinary	322	322
26-Mar-2020	Vanguard Investments Australia Ltd.	BUY	16.02	Ordinary	47,145	47,145
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	11	11
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	13,558	13,558
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	59	59
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	74,436	74,436
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	6	6
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	7,261	7,261
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	11	11
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	13,557	13,557
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	7	7
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	8,849	8,849
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	11	11
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	13,894	13,894
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	91	91

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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
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	115,628	115,628
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	19	19
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	23,510	23,510
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	98	98
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	124,999	124,999
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.21	Ordinary	139	139
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	15.15	Ordinary	177,054	177,054
27-Mar-2020	Vanguard Investments Australia Ltd.	BUY	14.89	Ordinary	78,725	78,725
27-Mar-2020	Vanguard Investments Australia Ltd.	SELL	14.89	Ordinary	(85,023)	(85,023)
30-Mar-2020	Vanguard Investments Australia Ltd.	BUY	16.16	Ordinary	469,440	469,440
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	16.50	Ordinary	(322,767)	(322,767)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	16.50	Ordinary	8,490	8,490
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	16.50	Ordinary	(3,475)	(3,475)
31-Mar-2020	Vanguard Investments Australia Ltd.	SELL	16.50	Ordinary	(87,172)	(87,172)
31-Mar-2020	Vanguard Investments Australia Ltd.	BUY	16.50	Ordinary	62,980	62,980
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	16.70	Ordinary	22,927	22,927
1-Apr-2020	Vanguard Investments Australia Ltd.	BUY	16.70	Ordinary	40,560	40,560
2-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.98	Ordinary	(5,572)	(5,572)
2-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.98	Ordinary	(1,227)	(1,227)
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.98	Ordinary	15,524	15,524
2-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.98	Ordinary	46,830	46,830
3-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.51	Ordinary	(23,706)	(23,706)
3-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.51	Ordinary	(11,464)	(11,464)
3-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.51	Ordinary	25,816	25,816
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	16.10	Ordinary	10,886	10,886
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	16.10	Ordinary	15,524	15,524
7-Apr-2020	Vanguard Investments Australia Ltd.	BUY	16.10	Ordinary	109,130	109,130
8-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.25	Ordinary	44,862	44,862
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.73	Ordinary	41,268	41,268
9-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.96	Ordinary	(203,350)	(203,350)
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	8,364	8,364
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	15,524	15,524
9-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	105,910	105,910
14-Apr-2020	Vanguard Investments Australia Ltd.	SELL	16.27	Ordinary	(176,003)	(176,003)
15-Apr-2020	Vanguard Investments Australia Ltd.	BUY	16.29	Ordinary	62,340	62,340
20-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.52	Ordinary	(655)	(655)
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.52	Ordinary	15,492	15,492
20-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.52	Ordinary	11,619	11,619
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.61	Ordinary	13,839	13,839
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.17	Ordinary	52,904	52,904
21-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.17	Ordinary	62,240	62,240
22-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.36	Ordinary	(372,748)	(372,748)
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.34	Ordinary	364	364
22-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.34	Ordinary	15,492	15,492
23-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.27	Ordinary	(396,682)	(396,682)
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.28	Ordinary	16,134	16,134
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.28	Ordinary	15,492	15,492
23-Apr-2020	Vanguard Investments Australia Ltd.	BUY	15.28	Ordinary	46,710	46,710
24-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.33	Ordinary	(22,587)	(22,587)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	14.92	Ordinary	(4,800)	(4,800)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	14.92	Ordinary	(7,572)	(7,572)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	14.92	Ordinary	(1,023)	(1,023)
28-Apr-2020	Vanguard Investments Australia Ltd.	SELL	14.92	Ordinary	(1,174)	(1,174)
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	14.92	Ordinary	15,492	15,492
28-Apr-2020	Vanguard Investments Australia Ltd.	BUY	14.92	Ordinary	55,962	55,962
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.69	Ordinary	(1,266)	(1,266)
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.69	Ordinary	(1,266)	(1,266)
29-Apr-2020	Vanguard Investments Australia Ltd.	SELL	15.69	Ordinary	(6,155)	(6,155)
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	17.21	Ordinary	(9,358)	(9,358)
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	16.28	Ordinary	(48,145)	(48,145)
30-Apr-2020	Vanguard Investments Australia Ltd.	SELL	16.28	Ordinary	(17,470)	(17,470)
1-May-2020	Vanguard Investments Australia Ltd.	SELL	15.34	Ordinary	(36,642)	(36,642)
1-May-2020	Vanguard Investments Australia Ltd.	SELL	15.34	Ordinary	(5,803)	(5,803)
1-May-2020	Vanguard Investments Australia Ltd.	BUY	15.34	Ordinary	655	655
1-May-2020	Vanguard Investments Australia Ltd.	SELL	15.34	Ordinary	(1,129)	(1,129)
1-May-2020	Vanguard Investments Australia Ltd.	BUY	15.34	Ordinary	62,220	62,220
1-May-2020	Vanguard Investments Australia Ltd.	BUY	15.34	Ordinary	46,665	46,665
4-May-2020	Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	15,452	15,452
4-May-2020	Vanguard Investments Australia Ltd.	BUY	15.77	Ordinary	87,108	87,108
5-May-2020	Vanguard Investments Australia Ltd.	SELL	16.20	Ordinary	(4,599)	(4,599)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	16.20	Ordinary	(3,632)	(3,632)

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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
5-May-2020	Vanguard Investments Australia Ltd.	SELL	16.20	Ordinary	(4,391)	(4,391)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	16.20	Ordinary	(8,691)	(8,691)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	16.20	Ordinary	(318)	(318)
5-May-2020	Vanguard Investments Australia Ltd.	SELL	16.20	Ordinary	(22,924)	(22,924)
6-May-2020	Vanguard Investments Australia Ltd.	BUY	15.96	Ordinary	15,452	15,452
8-May-2020	Vanguard Investments Australia Ltd.	BUY	15.51	Ordinary	3,092	3,092
12-May-2020	Vanguard Investments Australia Ltd.	BUY	15.23	Ordinary	4,145	4,145
12-May-2020	Vanguard Investments Australia Ltd.	BUY	15.23	Ordinary	15,452	15,452
12-May-2020	Vanguard Investments Australia Ltd.	BUY	15.23	Ordinary	43,260	43,260
13-May-2020	Vanguard Investments Australia Ltd.	BUY	15.31	Ordinary	46,350	46,350
15-May-2020	Vanguard Investments Australia Ltd.	BUY	15.26	Ordinary	8,288	8,288
19-May-2020	Vanguard Investments Australia Ltd.	SELL	15.23	Ordinary	(621)	(621)
19-May-2020	Vanguard Investments Australia Ltd.	BUY	15.23	Ordinary	61,700	61,700
20-May-2020	Vanguard Investments Australia Ltd.	BUY	15.32	Ordinary	49,280	49,280
22-May-2020	Vanguard Investments Australia Ltd.	BUY	15.01	Ordinary	57,990	57,990
22-May-2020	Vanguard Investments Australia Ltd.	BUY	15.01	Ordinary	36,972	36,972
25-May-2020	Vanguard Investments Australia Ltd.	BUY	15.33	Ordinary	10,030	10,030
25-May-2020	Vanguard Investments Australia Ltd.	BUY	15.33	Ordinary	4,664	4,664
25-May-2020	Vanguard Investments Australia Ltd.	BUY	15.33	Ordinary	15,464	15,464
25-May-2020	Vanguard Investments Australia Ltd.	BUY	15.33	Ordinary	30,810	30,810
26-May-2020	Vanguard Investments Australia Ltd.	SELL	16.30	Ordinary	(20,923)	(20,923)
26-May-2020	Vanguard Investments Australia Ltd.	BUY	16.30	Ordinary	388,017	388,017
26-May-2020	Vanguard Investments Australia Ltd.	BUY	16.30	Ordinary	46,215	46,215
27-May-2020	Vanguard Investments Australia Ltd.	SELL	17.61	Ordinary	(18,000)	(18,000)
27-May-2020	Vanguard Investments Australia Ltd.	BUY	17.61	Ordinary	377,844	377,844
28-May-2020	Vanguard Investments Australia Ltd.	SELL	18.39	Ordinary	(2,289)	(2,289)
28-May-2020	Vanguard Investments Australia Ltd.	SELL	18.39	Ordinary	(395)	(395)
28-May-2020	Vanguard Investments Australia Ltd.	BUY	18.39	Ordinary	8,294	8,294
28-May-2020	Vanguard Investments Australia Ltd.	SELL	18.39	Ordinary	(130,420)	(130,420)
29-May-2020	Vanguard Investments Australia Ltd.	BUY	17.31	Ordinary	4,885	4,885
29-May-2020	Vanguard Investments Australia Ltd.	SELL	17.22	Ordinary	(34,992)	(34,992)
29-May-2020	Vanguard Investments Australia Ltd.	BUY	17.31	Ordinary	22,923	22,923
29-May-2020	Vanguard Investments Australia Ltd.	BUY	17.22	Ordinary	46,245	46,245
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	17.20	Ordinary	(12,779)	(12,779)
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	17.20	Ordinary	(30,000)	(30,000)
2-Jun-2020	Vanguard Investments Australia Ltd.	SELL	17.20	Ordinary	(3,022)	(3,022)
3-Jun-2020	Vanguard Investments Australia Ltd.	BUY	17.95	Ordinary	15,460	15,460
4-Jun-2020	Vanguard Investments Australia Ltd.	SELL	18.18	Ordinary	(80,416)	(80,416)
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.79	Ordinary	46,545	46,545
5-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.79	Ordinary	37,236	37,236
5-Jun-2020	Vanguard Investments Australia Ltd.	SELL	18.79	Ordinary	(65,160)	(65,160)
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	19.71	Ordinary	9,161	9,161
9-Jun-2020	Vanguard Investments Australia Ltd.	BUY	19.88	Ordinary	15,460	15,460
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	19.70	Ordinary	(9,878)	(9,878)
10-Jun-2020	Vanguard Investments Australia Ltd.	SELL	19.70	Ordinary	(72,176)	(72,176)
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.50	Ordinary	4,982	4,982
11-Jun-2020	Vanguard Investments Australia Ltd.	SELL	18.50	Ordinary	(5,260)	(5,260)
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.50	Ordinary	8,832	8,832
11-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.50	Ordinary	46,515	46,515
15-Jun-2020	Vanguard Investments Australia Ltd.	BUY	17.38	Ordinary	62,040	62,040
16-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.09	Ordinary	31,020	31,020
17-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.15	Ordinary	46,500	46,500
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	19.54	Ordinary	20,692	20,692
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	112,774	112,774
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	376,049	376,049
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	44,254	44,254
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	60,463	60,463
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	46,562	46,562
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	104,599	104,599
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	543,455	543,455
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	5,106	5,106
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	259,120	259,120
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	557,445	557,445
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.12	Ordinary	436,892	436,892
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	1,616,107	1,616,107
19-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.17	Ordinary	6,204	6,204
23-Jun-2020	Vanguard Investments Australia Ltd.	SELL	18.14	Ordinary	(55,029)	(55,029)
24-Jun-2020	Vanguard Investments Australia Ltd.	BUY	18.06	Ordinary	13,308	13,308
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	17.42	Ordinary	32,544	32,544
25-Jun-2020	Vanguard Investments Australia Ltd.	BUY	17.42	Ordinary	74,382	74,382
26-Jun-2020	Vanguard Investments Australia Ltd.	SELL	17.99	Ordinary	(11,230)	(11,230)

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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
30-Jun-2020	Vanguard Investments Australia Ltd.	SELL	18.10	Ordinary	(24,745)	(24,745)
1-Jul-2020	Vanguard Investments Australia Ltd.	SELL	18.19	Ordinary	(22,104)	(22,104)
3-Jul-2020	Vanguard Investments Australia Ltd.	SELL	18.54	Ordinary	(15,187)	(15,187)
8-Jul-2020	Vanguard Investments Australia Ltd.	SELL	17.84	Ordinary	(2,373,743)	(2,373,743)
9-Jul-2020	Vanguard Investments Australia Ltd.	SELL	17.91	Ordinary	(27,597)	(27,597)
10-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.66	Ordinary	4,407	4,407
10-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.66	Ordinary	11,494	11,494
13-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.97	Ordinary	8,814	8,814
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	17.81	Ordinary	(13,221)	(13,221)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	17.81	Ordinary	(20,275)	(20,275)
16-Jul-2020	Vanguard Investments Australia Ltd.	SELL	17.81	Ordinary	(28,962)	(28,962)
21-Jul-2020	Vanguard Investments Australia Ltd.	SELL	18.12	Ordinary	(301)	(301)
21-Jul-2020	Vanguard Investments Australia Ltd.	SELL	18.12	Ordinary	(8,063)	(8,063)
24-Jul-2020	Vanguard Investments Australia Ltd.	SELL	17.76	Ordinary	(57,442)	(57,442)
24-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.76	Ordinary	65,000	65,000
28-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.46	Ordinary	21,278	21,278
30-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.67	Ordinary	41,912	41,912
31-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.09	Ordinary	54,589	54,589
31-Jul-2020	Vanguard Investments Australia Ltd.	BUY	17.09	Ordinary	92,016	92,016
3-Aug-2020	Vanguard Investments Australia Ltd.	BUY	16.49	Ordinary	44,396	44,396
4-Aug-2020	Vanguard Investments Australia Ltd.	SELL	16.79	Ordinary	(6,064)	(6,064)
4-Aug-2020	Vanguard Investments Australia Ltd.	SELL	16.79	Ordinary	(11,954)	(11,954)
5-Aug-2020	Vanguard Investments Australia Ltd.	BUY	16.63	Ordinary	48,300	48,300
7-Aug-2020	Vanguard Investments Australia Ltd.	BUY	16.76	Ordinary	64,420	64,420
12-Aug-2020	Vanguard Investments Australia Ltd.	SELL	18.19	Ordinary	(5,554)	(5,554)
12-Aug-2020	Vanguard Investments Australia Ltd.	BUY	18.19	Ordinary	50,597	50,597
13-Aug-2020	Vanguard Investments Australia Ltd.	BUY	17.95	Ordinary	52,227	52,227
13-Aug-2020	Vanguard Investments Australia Ltd.	SELL	17.92	Ordinary	(646)	(646)
20-Aug-2020	Vanguard Investments Australia Ltd.	SELL	17.26	Ordinary	(46,389)	(46,389)
25-Aug-2020	Vanguard Investments Australia Ltd.	BUY	17.85	Ordinary	48,405	48,405
31-Aug-2020	Vanguard Investments Australia Ltd.	SELL	17.55	Ordinary	(40,398)	(40,398)
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	18.67	Ordinary	7,143	7,143
1-Sep-2020	Vanguard Investments Australia Ltd.	SELL	17.05	Ordinary	(42,722)	(42,722)
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.05	Ordinary	1,781,977	1,781,977
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.05	Ordinary	16,348	16,348
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.05	Ordinary	51,728	51,728
1-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.05	Ordinary	6,289	6,289
4-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.06	Ordinary	9,015	9,015
7-Sep-2020	Vanguard Investments Australia Ltd.	SELL	17.38	Ordinary	(7,036)	(7,036)
7-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.38	Ordinary	42,159	42,159
8-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.50	Ordinary	8,383	8,383
8-Sep-2020	Vanguard Investments Australia Ltd.	SELL	17.66	Ordinary	(37,324)	(37,324)
9-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.07	Ordinary	58,428	58,428
10-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.00	Ordinary	3,001	3,001
15-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.72	Ordinary	16,380	16,380
16-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.76	Ordinary	16,245	16,245
17-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.81	Ordinary	16,380	16,380
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(22,384)	(22,384)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(48,602)	(48,602)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(25,829)	(25,829)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(8,720)	(8,720)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(10,504)	(10,504)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(13,192)	(13,192)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(122,006)	(122,006)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(424)	(424)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(33,539)	(33,539)
18-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.65	Ordinary	(107,586)	(107,586)
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.64	Ordinary	16,230	16,230
18-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.64	Ordinary	25,968	25,968
21-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.40	Ordinary	9,618	9,618
23-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.39	Ordinary	(13,781)	(13,781)
24-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.37	Ordinary	14,771	14,771
25-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.58	Ordinary	31,980	31,980
28-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.38	Ordinary	16,332	16,332
29-Sep-2020	Vanguard Investments Australia Ltd.	BUY	17.16	Ordinary	9,588	9,588
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	18.18	Ordinary	5,387	5,387
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.84	Ordinary	170,911	170,911
30-Sep-2020	Vanguard Investments Australia Ltd.	SELL	16.84	Ordinary	(62,929)	(62,929)
30-Sep-2020	Vanguard Investments Australia Ltd.	BUY	16.84	Ordinary	31,960	31,960
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	16.66	Ordinary	50,849	50,849
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	16.66	Ordinary	14,541	14,541

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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-Oct-2020	Vanguard Investments Australia Ltd.	BUY	16.66	Ordinary	741	741
2-Oct-2020	Vanguard Investments Australia Ltd.	BUY	16.66	Ordinary	31,111	31,111
5-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.29	Ordinary	47,445	47,445
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	20,386	20,386
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	2,180	2,180
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	4,861	4,861
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	27,140	27,140
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.41	Ordinary	31,640	31,640
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	30,914	30,914
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.41	Ordinary	2,297	2,297
6-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.25	Ordinary	2,230	2,230
9-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.21	Ordinary	16,148	16,148
12-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.55	Ordinary	4,828	4,828
13-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.96	Ordinary	31,650	31,650
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	18.78	Ordinary	(2,304)	(2,304)
19-Oct-2020	Vanguard Investments Australia Ltd.	SELL	18.78	Ordinary	(213,638)	(213,638)
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.51	Ordinary	16,148	16,148
20-Oct-2020	Vanguard Investments Australia Ltd.	SELL	18.51	Ordinary	(82,494)	(82,494)
20-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.51	Ordinary	180,633	180,633
22-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.60	Ordinary	1,440	1,440
23-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.78	Ordinary	31,700	31,700
26-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.70	Ordinary	6,746	6,746
27-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.56	Ordinary	310,000	310,000
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	19.57	Ordinary	(18,995)	(18,995)
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	18.31	Ordinary	(66,911)	(66,911)
28-Oct-2020	Vanguard Investments Australia Ltd.	SELL	18.31	Ordinary	(45,822)	(45,822)
28-Oct-2020	Vanguard Investments Australia Ltd.	BUY	18.31	Ordinary	31,750	31,750
29-Oct-2020	Vanguard Investments Australia Ltd.	SELL	17.95	Ordinary	(37,101)	(37,101)
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.95	Ordinary	16,148	16,148
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.95	Ordinary	12,255	12,255
29-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.95	Ordinary	24,420	24,420
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.91	Ordinary	17,000	17,000
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.97	Ordinary	179,961	179,961
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.97	Ordinary	118,981	118,981
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.97	Ordinary	68,655	68,655
30-Oct-2020	Vanguard Investments Australia Ltd.	SELL	17.91	Ordinary	(10,688)	(10,688)
30-Oct-2020	Vanguard Investments Australia Ltd.	BUY	17.91	Ordinary	97,680	97,680
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.83	Ordinary	50,486	50,486
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.70	Ordinary	16,014	16,014
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.70	Ordinary	29,756	29,756
2-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.70	Ordinary	17,170	17,170
3-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.70	Ordinary	31,770	31,770
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.35	Ordinary	47,640	47,640
4-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.35	Ordinary	2,907	2,907
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	25,468	25,468
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.33	Ordinary	62,544	62,544
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	5,890	5,890
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.33	Ordinary	9,587	9,587
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	25.32	Ordinary	9,262	9,262
5-Nov-2020	Vanguard Investments Australia Ltd.	BUY	17.70	Ordinary	6,352	6,352
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	17.76	Ordinary	(15,192)	(15,192)
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	17.76	Ordinary	(335)	(335)
9-Nov-2020	Vanguard Investments Australia Ltd.	SELL	17.76	Ordinary	(5,627)	(5,627)
10-Nov-2020	Vanguard Investments Australia Ltd.	BUY	18.68	Ordinary	53,941	53,941
10-Nov-2020	Vanguard Investments Australia Ltd.	SELL	18.68	Ordinary	(26,515)	(26,515)
11-Nov-2020	Vanguard Investments Australia Ltd.	SELL	18.73	Ordinary	(62,414)	(62,414)
12-Nov-2020	Vanguard Investments Australia Ltd.	BUY	18.38	Ordinary	16,200	16,200
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	18.34	Ordinary	397	397
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	18.34	Ordinary	54,111	54,111
13-Nov-2020	Vanguard Investments Australia Ltd.	BUY	18.34	Ordinary	168,699	168,699
17-Nov-2020	Vanguard Investments Australia Ltd.	BUY	19.02	Ordinary	31,820	31,820
17-Nov-2020	Vanguard Investments Australia Ltd.	SELL	19.02	Ordinary	(51,302)	(51,302)

This is Annexure A of 41 pages referred to in Form 604, Notice of change of interests of substantial holder.

Signature: _____



Name: Keith Delgado

Capacity: Compliance Manager

Annexure 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
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Date: 20 November 2020
