

Raytheon Principal Institutional Shareholder Ownership

Institutional Ownership 74.43%
Total Shares Outstanding (millions) 285
Total Value of Holdings (millions) \$35,154

<u>VANGUARD GROUP INC</u>	09/30/2018	23,074,017	212,408	.93	3,829,364
<u>BLACKROCK INC.</u>	09/30/2018	22,549,718	638,922	2.92	3,742,351
<u>STATE STREET CORP</u>	09/30/2018	12,136,204	337,849	2.86	2,014,124
<u>FMR LLC</u>	09/30/2018	6,626,729	(1,615,601)	(19.6)	1,099,772
<u>BANK OF AMERICA CORP /DE/</u>	09/30/2018	5,527,341	(82,323)	(1.47)	917,318
<u>AQR CAPITAL MANAGEMENT LLC</u>	09/30/2018	5,454,203	(90,023)	(1.62)	905,180
<u>ALLIANCEBERNSTEIN L.P.</u>	09/30/2018	4,054,014	1,013,436	33.33	672,804
<u>MACQUARIE GROUP LTD</u>	09/30/2018	3,572,420	113,209	3.27	592,879
<u>AMUNDI PIONEER ASSET MANAGEMENT INC</u>	09/30/2018	3,546,192	695,125	24.38	588,526
<u>GEODE CAPITAL MANAGEMENT, LLC</u>	09/30/2018	3,543,223	(132,219)	(3.6)	588,033
<u>FRANKLIN RESOURCES INC</u>	09/30/2018	3,458,206	386,346	12.58	573,924
<u>BANK OF NEW YORK MELLON CORP</u>	09/30/2018	3,449,346	(48,896)	(1.4)	572,453
<u>NORTHERN TRUST CORP</u>	09/30/2018	3,266,838	(12,717)	(0.39)	542,164
<u>MORGAN STANLEY</u>	09/30/2018	2,927,659	(340,712)	(10.43)	485,874
<u>CLEARBRIDGE INVESTMENTS, LLC</u>	09/30/2018	2,353,652	(64,609)	(2.67)	390,612
<u>PUTNAM INVESTMENTS LLC</u>	09/30/2018	2,176,107	(2,132,287)	(49.49)	361,147
<u>DEUTSCHE BANK AG\</u>	09/30/2018	2,140,715	(1,114,752)	(34.24)	355,273
<u>UBS ASSET MANAGEMENT AMERICAS INC</u>	09/30/2018	2,002,450	46,746	2.39	332,327
<u>GOLDMAN SACHS GROUP INC</u>	09/30/2018	1,971,001	(572,295)	(22.5)	327,107
<u>STANDARD LIFE ABERDEEN PLC</u>	09/30/2018	1,950,068	767,198	64.86	323,633
<u>INVESCO LTD.</u>	09/30/2018	1,929,216	(774,767)	(28.65)	320,173
<u>JANUS HENDERSON GROUP PLC</u>	09/30/2018	1,892,661	(151,762)	(7.42)	314,106
<u>ROYAL BANK OF CANADA</u>	09/30/2018	1,879,678	(3,342)	(0.18)	311,951
<u>WELLINGTON MANAGEMENT GROUP LLP</u>	09/30/2018	1,579,416	63,827	4.21	262,120
<u>USS INVESTMENT MANAGEMENT LTD</u>	12/31/2018	1,444,991	7,600	.53	239,811
<u>WINSLOW CAPITAL MANAGEMENT, LLC</u>	09/30/2018	1,420,457	(38,450)	(2.64)	235,739
<u>TIAA CREF INVESTMENT MANAGEMENT</u>	09/30/2018	1,396,408	39,594	2.92	231,748

<u>LLC</u>					
<u>BESSEMER GROUP INC</u>	09/30/2018	1,354,520	98,616	7.85	224,796
<u>LEGAL & GENERAL GROUP PLC</u>	09/30/2018	1,325,660	37,043	2.88	220,007
<u>PRICE T ROWE ASSOCIATES INC /MD/</u>	09/30/2018	1,285,456	156,113	13.82	213,334
<u>CHARLES SCHWAB INVESTMENT ADVISORY, INC.</u>	09/30/2018	1,212,787	20,041	1.68	201,274
<u>THOMASPARTNERS, INC.</u>	03/31/2018	1,189,771	11,953	1.02	197,454
<u>SCHWAB CHARLES INVESTMENT MANAGEMENT INC</u>	09/30/2018	1,166,449	86,171	7.98	193,584
<u>NEUBERGER BERMAN GROUP LLC</u>	09/30/2018	1,153,067	15,515	1.36	191,363
<u>SUMITOMO MITSUI TRUST HOLDINGS, INC.</u>	09/30/2018	1,108,428	43,412	4.08	183,955
<u>SWISS NATIONAL BANK</u>	09/30/2018	1,100,245	(42,400)	(3.71)	182,597
<u>SANDERS CAPITAL, LLC</u>	12/31/2018	1,094,071	300	.03	181,572
<u>PARAMETRIC PORTFOLIO ASSOCIATES LLC</u>	09/30/2018	1,070,796	(19,535)	(1.79)	177,709
<u>PRUDENTIAL FINANCIAL INC</u>	09/30/2018	1,050,021	(105,100)	(9.1)	174,261
<u>JPMORGAN CHASE & CO</u>	09/30/2018	1,039,876	83,786	8.76	172,578
<u>CALIFORNIA PUBLIC EMPLOYEES RETIREMENT SYSTEM</u>	09/30/2018	1,037,518	158,774	18.07	172,186
<u>UBS GROUP AG</u>	09/30/2018	1,025,380	12,235	1.21	170,172
<u>ALLIANZ ASSET MANAGEMENT GMBH</u>	09/30/2018	973,849	16,257	1.70	161,620
<u>TEACHERS ADVISORS, LLC</u>	09/30/2018	969,884	530,800	120.89	160,96
<u>PNC FINANCIAL SERVICES GROUP, INC.</u>	09/30/2018	959,111	(15,090)	(1.55)	159,174
<u>LAZARD ASSET MANAGEMENT LLC</u>	09/30/2018	955,173	475,694	99.21	158,521
<u>DIMENSIONAL FUND ADVISORS LP</u>	09/30/2018	865,886	17,635	2.08	143,702
<u>TWO SIGMA ADVISERS, LP</u>	09/30/2018	863,420	819,200	1,852.56	143,293
<u>CIBC PRIVATE WEALTH GROUP, LLC</u>	09/30/2018	862,074	567,108	192.26	143,070
<u>NEW YORK STATE COMMON RETIREMENT FUND</u>	09/30/2018	810,974	(3,631)	(0.45)	134,589
<u>PENDAL GROUP LTD</u>	12/31/2018	736,834	688,455	1,423.05	122,285
<u>WILLIAM BLAIR INVESTMENT MANAGEMENT, LLC</u>	09/30/2018	672,370	68,034	11.26	111,587
<u>BANK OF MONTREAL /CAN/</u>	12/31/2018	636,908	339,667	114.27	105,701
<u>HSBC HOLDINGS PLC</u>	09/30/2018	634,266	48,229	8.23	105,263
<u>STIFEL FINANCIAL CORP</u>	09/30/2018	633,302	40,997	6.92	105,103
<u>AMERICAN CENTURY COMPANIES INC</u>	09/30/2018	601,409	157,959	35.62	99,810
<u>SCHAFFER CULLEN CAPITAL MANAGEMENT INC</u>	09/30/2018	588,877	(10,609)	(1.77)	97,730
<u>PRINCIPAL FINANCIAL GROUP INC</u>	09/30/2018	585,441	(73,817)	(11.2)	97,160
<u>APG ASSET MANAGEMENT N.V.</u>	09/30/2018	581,029	(542,400)	(48.28)	96,428

<u>EATON VANCE MANAGEMENT</u>	09/30/2018	576,667	163,370	39.53	95,704
<u>AXA</u>	09/30/2018	568,594	185,226	48.32	94,364
<u>MACKENZIE FINANCIAL CORP</u>	09/30/2018	565,776	400,353	242.02	93,896
<u>MAN GROUP PLC</u>	09/30/2018	557,773	217,360	63.85	92,568
<u>RAYMOND JAMES & ASSOCIATES</u>	09/30/2018	556,569	22,958	4.30	92,368
<u>CREDIT SUISSE AG/</u>	09/30/2018	548,133	(132,159)	(19.43)	90,968
<u>FEDERATED INVESTORS INC /PA/</u>	09/30/2018	546,541	(82,481)	(13.11)	90,704
<u>D. E. SHAW & CO., INC.</u>	09/30/2018	546,427	(149,716)	(21.51)	90,685
<u>BARCLAYS PLC</u>	09/30/2018	543,215	82,128	17.81	90,152
<u>STATE OF NEW JERSEY COMMON PENSION FUND D</u>	12/31/2018	530,000	(15,000)	(2.75)	87,959
<u>BARROW HANLEY MEWHINNEY & STRAUSS LLC</u>	09/30/2018	505,598	(220,108)	(30.33)	83,909
<u>RHUMBLINE ADVISERS</u>	12/31/2018	496,449	(15,072)	(2.95)	82,391
<u>CITIGROUP INC</u>	09/30/2018	492,247	(9,697)	(1.93)	81,693
<u>AVIVA PLC</u>	09/30/2018	491,137	126,741	34.78	81,509
<u>ROBECO INSTITUTIONAL ASSET MANAGEMENT B.V.</u>	09/30/2018	488,707	27,595	5.98	81,106
<u>MERIAN GLOBAL INVESTORS (UK) LTD</u>	09/30/2018	486,819	(137,221)	(21.99)	80,792
<u>ASSET MANAGEMENT ONE CO., LTD.</u>	09/30/2018	478,775	(9,107)	(1.87)	79,457
<u>INVESTEC ASSET MANAGEMENT LTD</u>	09/30/2018	469,803	241,903	106.14	77,969
<u>LORD, ABBETT & CO. LLC</u>	09/30/2018	468,723	(243,625)	(34.2)	77,789
<u>CALIFORNIA STATE TEACHERS RETIREMENT SYSTEM</u>	09/30/2018	468,017	(217)	(0.05)	77,672
<u>PUBLIC EMPLOYEES RETIREMENT ASSOCIATION OF COLORADO</u>	09/30/2018	465,996	(54)	(0.01)	77,337
<u>CAPITAL WORLD INVESTORS</u>	09/30/2018	458,025	0	0.00	76,014
<u>TWO SIGMA INVESTMENTS, LP</u>	09/30/2018	457,237	361,237	376.29	75,883
<u>NEW YORK STATE TEACHERS RETIREMENT SYSTEM</u>	12/31/2018	447,939	(19,010)	(4.07)	74,340
<u>AMERIPRISE FINANCIAL INC</u>	09/30/2018	444,083	166,880	60.20	73,700
<u>US BANCORP \DE\</u>	09/30/2018	440,935	24,510	5.89	73,178
<u>PRUDENTIAL PLC</u>	09/30/2018	436,937	90,610	26.16	72,514
<u>GREAT WEST LIFE ASSURANCE CO /CAN/</u>	09/30/2018	435,818	(29,304)	(6.3)	72,328
<u>FIRST TRUST ADVISORS LP</u>	09/30/2018	430,975	164,057	61.46	71,525
<u>STATE BOARD OF ADMINISTRATION OF FLORIDA RETIREMENT SYSTEM</u>	12/31/2018	408,859	(9,964)	(2.38)	67,854
<u>RUSSELL INVESTMENTS GROUP, LTD.</u>	09/30/2018	389,902	9,568	2.52	64,708

<u>MARSHALL WACE, LLP</u>	09/30/2018	384,853	384,853	New	63,870
<u>WESTWOOD HOLDINGS GROUP INC</u>	09/30/2018	383,730	(26,652)	(6.49)	63,684
<u>MANUFACTURERS LIFE INSURANCE COMPANY, THE</u>	09/30/2018	381,947	(116,451)	(23.37)	63,388
<u>KOREA INVESTMENT CORP</u>	09/30/2018	374,953	(44,485)	(10.61)	62,227
<u>SCHRODER INVESTMENT MANAGEMENT GROUP</u>	09/30/2018	373,328	142,968	62.06	61,958
<u>SASCO CAPITAL INC / CT/</u>	09/30/2018	372,692	(152,609)	(29.05)	61,852
<u>CALAMOS ADVISORS LLC</u>	12/31/2018	370,451	164,853	80.18	61,480
<u>STATE OF WISCONSIN INVESTMENT BOARD</u>	09/30/2018	338,915	(18,784)	(5.25)	56,246
<u>ROVIDA ADVISORS INC.</u>	09/30/2018	336,202	0	0.00	55,796
<u>UNITED SERVICES AUTOMOBILE ASSOCIATION</u>	09/30/2018	332,892	3,184	.97	55,247
<u>ROTHSCHILD & CO ASSET MANAGEMENT US INC.</u>	09/30/2018	332,566	102,327	44.44	55,193
<u>MITSUBISHI UFJ TRUST & BANKING CORP</u>	09/30/2018	331,113	(363,671)	(52.34)	54,952
<u>CULLEN CAPITAL MANAGEMENT, LLC</u>	09/30/2018	321,475	0	0.00	53,352
<u>STATE TREASURER STATE OF MICHIGAN</u>	12/31/2018	315,436	230,400	270.94	52,350
<u>BOSTON PARTNERS</u>	09/30/2018	311,822	(873,595)	(73.7)	51,750
<u>APERIO GROUP, LLC</u>	09/30/2018	310,876	6,416	2.11	51,593
<u>SG AMERICAS SECURITIES, LLC</u>	12/31/2018	309,439	256,233	481.59	51,354
<u>MARSHALL WACE NORTH AMERICA L.P.</u>	09/30/2018	308,931	240,981	354.65	51,270
<u>GATEWAY INVESTMENT ADVISERS LLC</u>	12/31/2018	307,388	1,365	.45	51,014
<u>OAKMONT CORP</u>	09/30/2018	306,807	0	0.00	50,918
<u>STATE OF TENNESSEE, TREASURY DEPARTMENT</u>	09/30/2018	306,427	(136,332)	(30.79)	50,855
<u>SUSQUEHANNA INTERNATIONAL GROUP, LLP</u>	09/30/2018	299,024	(123,246)	(29.19)	49,626
<u>MILLENNIUM MANAGEMENT LLC</u>	09/30/2018	297,281	(53,933)	(15.36)	49,337
<u>SEI INVESTMENTS CO</u>	09/30/2018	281,580	(44,859)	(13.74)	46,731
<u>NOMURA ASSET MANAGEMENT CO LTD</u>	09/30/2018	271,420	863	.32	45,045
<u>CAISSE DE DEPOT ET PLACEMENT DU QUEBEC</u>	09/30/2018	270,655	(2,400)	(0.88)	44,918
<u>ROYAL LONDON ASSET MANAGEMENT LTD</u>	12/31/2018	270,069	101,640	60.35	44,821
<u>GLENMEDE TRUST CO NA</u>	09/30/2018	269,668	7,987	3.05	44,754
<u>NATIONAL PENSION SERVICE</u>	09/30/2018	268,919	(13,262)	(4.7)	44,630
<u>SQUAREPOINT OPS LLC</u>	09/30/2018	262,074	(1,092)	(0.42)	43,494
<u>MIRAE ASSET GLOBAL INVESTMENTS CO., LTD.</u>	09/30/2018	261,103	42,477	19.43	43,333

<u>RETIREMENT SYSTEMS OF ALABAMA</u>	12/31/2018	259,155	0	0.00	43,009
<u>SUNTRUST BANKS INC</u>	09/30/2018	257,587	3,176	1.25	42,749
<u>ARTEMIS INVESTMENT MANAGEMENT LLP</u>	09/30/2018	257,395	111,951	76.97	42,717
<u>REGIONS FINANCIAL CORP</u>	12/31/2018	253,726	(2,199)	(0.86)	42,108
<u>AXIOM INTERNATIONAL INVESTORS LLC /DE</u>	09/30/2018	251,971	24,358	10.70	41,817
<u>LOS ANGELES CAPITAL MANAGEMENT & EQUITY RESEARCH INC</u>	09/30/2018	250,425	180,702	259.17	41,561
<u>WELCH & FORBES LLC</u>	09/30/2018	249,881	14,316	6.08	41,470
<u>MARTINGALE ASSET MANAGEMENT L P</u>	09/30/2018	249,803	7,810	3.23	41,457
<u>ARTISAN PARTNERS LIMITED PARTNERSHIP</u>	09/30/2018	243,662	6,809	2.88	40,438
<u>COMERICA BANK</u>	09/30/2018	243,185	(30,450)	(11.13)	40,359
<u>CHEVY CHASE TRUST HOLDINGS, INC.</u>	09/30/2018	239,584	(7,832)	(3.17)	39,761
<u>KLINGENSTEIN FIELDS & CO LLC</u>	12/31/2018	231,610	212	.09	38,438
<u>CORNERSTONE WEALTH MANAGEMENT, LLC</u>	09/30/2018	231,539	183,680	383.79	38,426
<u>CIBC WORLD MARKETS CORP</u>	09/30/2018	228,323	66,564	41.15	37,892
<u>SOUTH TEXAS MONEY MANAGEMENT LTD</u>	12/31/2018	227,597	15,553	7.34	37,772
<u>CANADA PENSION PLAN INVESTMENT BOARD</u>	09/30/2018	227,580	36,770	19.27	37,769
<u>BLUESTEIN R H & CO</u>	09/30/2018	222,662	8,921	4.17	36,953
<u>FERGUSON WELLMAN CAPITAL MANAGEMENT, INC</u>	12/31/2018	210,530	27,122	14.79	34,940
<u>BECKER CAPITAL MANAGEMENT INC</u>	09/30/2018	210,400	(2,579)	(1.21)	34,918
<u>BNP PARIBAS ARBITRAGE, SA</u>	09/30/2018	208,660	(30,876)	(12.89)	34,629
<u>ALKEON CAPITAL MANAGEMENT LLC</u>	09/30/2018	200,049	49	.03	33,200
<u>PICTET ASSET MANAGEMENT LTD</u>	09/30/2018	199,934	(947)	(0.47)	33,181
<u>VOYA INVESTMENT MANAGEMENT LLC</u>	09/30/2018	199,412	(5,433)	(2.65)	33,094
<u>TORONTO DOMINION BANK</u>	09/30/2018	193,097	(17,094)	(8.13)	32,046
<u>WILLIAMS JONES & ASSOCIATES LLC</u>	09/30/2018	191,704	(1,627)	(0.84)	31,815
<u>PUBLIC EMPLOYEES RETIREMENT SYSTEM OF OHIO</u>	09/30/2018	188,023	(4,142)	(2.16)	31,204
<u>OPPENHEIMERFUNDS, INC.</u>	09/30/2018	187,460	832	.45	31,111
<u>ADAGE CAPITAL PARTNERS GP, L.L.C.</u>	09/30/2018	185,442	185,442	New	30,776

[Others not shown]