

PRESS RELEASE



Hoya Capital Housing 100 December 2019 Index Review

Norwalk, Connecticut – November 25, 2019 – Hoya Capital Index Innovations, a leading provider of research-based real estate indexes and research, announced the results of the December 2019 semi-annual index review for the Hoya Capital Housing 100 Index. All changes will be effective as of the open on December 3, 2019 with the shares fixed as of the close of trading on November 22, 2019. These changes have been posted on the Hoya Capital Housing 100 web page on Hoya Capital’s website site at <https://www.hoyacapital.com/housing-index>.

The **Hoya Capital Housing 100™ Index** is a rules-based index composed of the 100 companies that collectively represent the performance of the US Housing Industry. The index is designed to track total annual spending on housing and housing-related services across the United States. The Index is divided into four US Housing Industry Business Segments, weighted based on their relative contribution to GDP: 1) Home Ownership and Rental Operators; 2) Home Building and Construction; 3) Home Improvement and Furnishings; 4) Home Financing, Technology & Services. By design, the Index is expected to track the companies with the potential to benefit from rising rents, appreciating home values, and a persistent housing shortage.

One index component in the Home Improvement & Furnishings sector, Overstock, was removed. iRobot was added to the index in the Home Improvement & Furnishings sector. In the prior semi-annual period, it’s also noted that HCP, Inc changed it’s name to Healthpeak Properties trading under the ticker symbol PEAK.

An investor cannot invest directly in an index and index performance does not reflect the deduction of any fees, expenses or taxes.

Security ISIN	Security Name	US Housing Business Segment	Weight	Shares	RIC	Ticker	SEDOL	CUSIP	Closing Price
US0248351001	AMERICAN CAMPUS COMMUNITIES	Home Ownership & Rental Operators	1.5000%	0.292174	ACC.N	ACC UN Equity	B02H871	024835100	46.68
US03748R7540	APARTMENT INVT & MGMT CO -A	Home Ownership & Rental Operators	1.5000%	0.256222	AIV.N	AIV UN Equity	BJLNBG3	03748R754	53.23
US02665T3068	AMERICAN HOMES 4 RENT	Home Ownership & Rental Operators	1.5000%	0.519372	AMH.N	AMH UN Equity	BCF5RR9	02665T306	26.26
US0534841012	AVALONBAY COMMUNITIES INC	Home Ownership & Rental Operators	1.5000%	0.064553	AVB.N	AVB UN Equity	2131179	053484101	211.28
US1331311027	CAMDEN PROPERTY TRUST	Home Ownership & Rental Operators	1.5000%	0.124611	CPT.N	CPT UN Equity	2166320	133131102	109.45
US2296631094	CUBESMART	Home Ownership & Rental Operators	1.5000%	0.444113	CUBE.N	CUBE UN Equity	B6SW913	229663109	30.71
US29472R1086	EQUITY LIFESTYLE PROPERTIES	Home Ownership & Rental Operators	1.5000%	0.195341	ELS.N	ELS UN Equity	2563125	29472R108	69.82
US29476L1070	EQUITY RESIDENTIAL	Home Ownership & Rental Operators	1.5000%	0.160853	EQR.N	EQR UN Equity	2319157	29476L107	84.79
US2971781057	ESSEX PROPERTY TRUST INC	Home Ownership & Rental Operators	1.5000%	0.043888	ESS.N	ESS UN Equity	2316619	297178105	310.76
US30225T1025	EXTRA SPACE STORAGE INC	Home Ownership & Rental Operators	1.5000%	0.129154	EXR.N	EXR UN Equity	B02HWR9	30225T102	105.6
US44107P1049	HOST HOTELS & RESORTS INC	Home Ownership & Rental Operators	1.5000%	0.806546	HST.N	HST UN Equity	2567503	44107P104	16.91
US46187W1071	INVITATION HOMES INC	Home Ownership & Rental Operators	1.5000%	0.460145	INVH.N	INVH UN Equity	BD81GW9	46187W107	29.64
US59522J1034	MID-AMERICA APARTMENT COMM	Home Ownership & Rental Operators	1.5000%	0.101478	MAA.N	MAA UN Equity	2589132	59522J103	134.4
US42250P1030	HEALTHPEAK PROPERTIES INC	Home Ownership & Rental Operators	1.5000%	0.396474	PEAK.N	PEAK UN Equity	BJBLRK3	42250P103	34.4
US7005171050	PARK HOTELS & RESORTS INC	Home Ownership & Rental Operators	1.5000%	0.610506	PK.N	PK UN Equity	BYVMV00	700517105	22.34
US74460D1090	PUBLIC STORAGE	Home Ownership & Rental Operators	1.5000%	0.065251	PSA.N	PSA UN Equity	2852533	74460D109	209.02
US8666741041	SUN COMMUNITIES INC	Home Ownership & Rental Operators	1.5000%	0.085951	SUI.N	SUI UN Equity	2860257	866674104	158.68
US9026531049	UDR INC	Home Ownership & Rental Operators	1.5000%	0.286708	UDR.N	UDR UN Equity	2727910	902653104	47.57
US92276F1003	VENTAS INC	Home Ownership & Rental Operators	1.5000%	0.237567	VTR.N	VTR UN Equity	2927925	92276F100	57.41
US95040Q1040	WELLTOWER INC	Home Ownership & Rental Operators	1.5000%	0.163045	WELL.N	WELL UN Equity	BYVYHH4	95040Q104	83.65
US23331A1097	D R HORTON INC	Home Building & Construction	1.5000%	0.252055	DHI.N	DHI UN Equity	2250687	23331A109	54.11
US48666K1097	KB HOME	Home Building & Construction	1.5000%	0.400667	KBH.N	KBH UN Equity	2485070	48666K109	34.04
US5260571048	LENNAR CORP	Home Building & Construction	1.5000%	0.23203	LEN.N	LEN UN Equity	2511920	526057104	58.78
US5526761086	MDC HOLDINGS INC	Home Building & Construction	1.5000%	0.353792	MDC.N	MDC UN Equity	2561204	552676108	38.55
US59001A1025	MERITAGE HOMES CORP	Home Building & Construction	1.5000%	0.204785	MTH.N	MTH UN Equity	2601326	59001A102	66.6
US62944T1051	NVR INC	Home Building & Construction	1.5002%	0.003697	NVR.N	NVR UN Equity	2637785	62944T105	3689.54
US7458671010	PULTE GROUP INC	Home Building & Construction	1.5000%	0.35079	PHM.N	PHM UN Equity	2708841	745867101	38.88
US87724P1066	TAYLOR MORRISON HOME CORP-A	Home Building & Construction	1.5000%	0.600559	TMHC.N	TMHC UN Equity	B832462	87724P106	22.71
US8894781033	TOLL BROTHERS INC	Home Building & Construction	1.5000%	0.346248	TOL.N	TOL UN Equity	2896092	889478103	39.39
US87265H1095	TRI POINTE GROUP INC	Home Building & Construction	1.5000%	0.902627	TPH.N	TPH UN Equity	B92CQF3	87265H109	15.11
US0305061097	AMERICAN WOODMARK CORP	Home Building & Construction	0.7500%	0.067007	AMWD.OQ	AMWD UW Equity	2030674	030506109	101.77
US8318652091	SMITH (A.O.) CORP	Home Building & Construction	0.7500%	0.14148	AOS.N	AOS UN Equity	2816023	831865209	48.2
US04247X1028	ARMSTRONG WORLD INDUSTRIES INC	Home Building & Construction	0.7500%	0.072817	AWI.N	AWI UN Equity	B1FT462	04247X102	93.65
US0736851090	BEACON ROOFING SUPPLY INC	Home Building & Construction	0.7500%	0.202415	BECN.OQ	BECN UW Equity	B02TS99	073685109	33.69
US1495681074	CAVCO INDUSTRIES INC	Home Building & Construction	0.7500%	0.035517	CVCO.OQ	CVCO UW Equity	2787022	149568107	192
US26969P1084	EAGLE MATERIALS INC	Home Building & Construction	0.7500%	0.07551	EXP.N	EXP UN Equity	2191399	26969P108	90.31
US34964C1062	FORTUNE BRANDS HOME & SECURITY INC.	Home Building & Construction	0.7500%	0.10833	FBHS.N	FBHS UN Equity	B3MC7D6	34964C106	62.95
US5246601075	LEGGETT & PLATT INC	Home Building & Construction	0.7500%	0.130314	LEG.N	LEG UN Equity	2510682	524660107	52.33
US5261071071	LENNOX INTL	Home Building & Construction	0.7500%	0.027049	LII.N	LII UN Equity	2442053	526107107	252.11
US5463471053	LOUISIANA-PACIFIC CORP	Home Building & Construction	0.7500%	0.231872	LPX.N	LPX UN Equity	2535243	546347105	29.41

US5745991068	MASCO CORP	Home Building & Construction	0.7500%	0.148054	MAS.N	MAS UN Equity	2570200	574599106	46.06
US6081901042	MOHAWK INDS.	Home Building & Construction	0.7500%	0.048616	MHK.N	MHK UN Equity	2598699	608190104	140.27
US6907421019	OWENS CORNING INC	Home Building & Construction	0.7500%	0.101388	OC.N	OC UN Equity	B1FW7Q2	690742101	67.26
US7376301039	POTLATCHDELTIC CORPORATION	Home Building & Construction	0.7500%	0.159554	PCH.OQ	PCH UW Equity	BOXXJN1	737630103	42.74
US6935061076	PPG INDUSTRIES INC	Home Building & Construction	0.7500%	0.054376	PPG.N	PPG UN Equity	2698470	693506107	125.41
US8243481061	SHERWIN-WILLIAMS CO	Home Building & Construction	0.7500%	0.011863	SHW.N	SHW UN Equity	2804211	824348106	574.83
US8290731053	SIMPSON MANUFACTURING CO INC	Home Building & Construction	0.7500%	0.085093	SSD.N	SSD UN Equity	2809250	829073105	80.14
US89531P1057	TREX CO INC	Home Building & Construction	0.7500%	0.080265	TREX.N	TREX UN Equity	2483074	89531P105	84.96
US9426222009	WATSCO INC	Home Building & Construction	0.7500%	0.03838	WSO.N	WSO UN Equity	2943039	942622200	177.68
US9621661043	WEYERHAEUSER CO	Home Building & Construction	0.7500%	0.235231	WY.N	WY UN Equity	2958936	962166104	28.99
US4370761029	HOME DEPOT INC	Home Improvement & Furnishing	3.0000%	0.125108	HD.N	HD UN Equity	2434209	437076102	218.03
US5486611073	LOWES COS INC	Home Improvement & Furnishing	3.0000%	0.230773	LOW.N	LOW UN Equity	2536763	548661107	118.2
US0025353006	AARONS INC	Home Improvement & Furnishing	0.7778%	0.123441	AAN.N	AAN UN Equity	2002918	002535300	57.29
US0231351067	AMAZON.COM INC	Home Improvement & Furnishing	0.7778%	0.004051	AMZN.OQ	AMZN UW Equity	2000019	023135106	1745.72
US0758961009	BED BATH & BEYOND INC	Home Improvement & Furnishing	0.7778%	0.564399	BBBY.OQ	BBBY UW Equity	2085878	075896100	12.53
US22160K1051	COSTCO WHOLESALE CORP	Home Improvement & Furnishing	0.7778%	0.023627	COST.OQ	COST UW Equity	2701271	22160K105	299.31
US04650Y1001	AT HOME GROUP INC	Home Improvement & Furnishing	0.7778%	0.858242	HOME.N	HOME UN Equity	BDCHR42	04650Y100	8.24
US4627261005	IROBOT CORP	Home Improvement & Furnishing	0.7778%	0.152052	IRBT.OQ	IRBT UW Equity	B0J2NS5	462726100	46.51
US5053361078	LA-Z-BOY INC	Home Improvement & Furnishing	0.7778%	0.228791	LZB.N	LZB UN Equity	2508405	505336107	30.91
US5962781010	MIDDLEBY CORP	Home Improvement & Furnishing	0.7778%	0.061683	MIDD.OQ	MIDD UW Equity	2590930	596278101	114.65
US6005441000	HERMAN MILLER INC	Home Improvement & Furnishing	0.7778%	0.147855	MLHR.OQ	MLHR UW Equity	2594222	600544100	47.83
US74967X1037	RH	Home Improvement & Furnishing	0.7778%	0.036166	RH.N	RH UN Equity	BYXR425	74967X103	195.54
US83125X1037	SLEEP NUMBER CORP	Home Improvement & Furnishing	0.7778%	0.144916	SNBR.OQ	SNBR UW Equity	BF4HN46	83125X103	48.8
US87612E1064	TARGET CORP	Home Improvement & Furnishing	0.7778%	0.055676	TGT.N	TGT UN Equity	2259101	87612E106	127.02
US8725401090	TJX COMPANIES INC	Home Improvement & Furnishing	0.7778%	0.119498	TJX.N	TJX UN Equity	2989301	872540109	59.18
US88023U1016	TEMPUR SEALY INTERNATIONAL INC	Home Improvement & Furnishing	0.7778%	0.084059	TPX.N	TPX UN Equity	2216991	88023U101	84.13
US94419L1017	WAYFAIR INC	Home Improvement & Furnishing	0.7778%	0.083484	W.N	W UN Equity	BQXZP64	94419L101	84.71
US9633201069	WHIRLPOOL CORP	Home Improvement & Furnishing	0.7778%	0.049087	WHR.N	WHR UN Equity	2960384	963320106	144.07
US9311421039	WALMART INC	Home Improvement & Furnishing	0.7778%	0.059249	WMT.N	WMT UN Equity	2936921	931142103	119.36
US9699041011	WILLIAMS-SONOMA INC	Home Improvement & Furnishing	0.7778%	0.104893	WSM.N	WSM UN Equity	2967589	969904101	67.42
US00123Q1040	AGNC INVESTMENT CORP	Home Financing, Technology & Services	0.6667%	0.349979	AGNC.OQ	AGNC UW Equity	BYYHJL8	00123Q104	17.32
US0605051046	BANK OF AMERICA CORP	Home Financing, Technology & Services	0.6667%	0.18269	BAC.N	BAC UN Equity	2295677	060505104	33.18
US0549371070	BB&T CORP	Home Financing, Technology & Services	0.6667%	0.110877	BBT.N	BBT UN Equity	2830904	054937107	54.67
US16934Q2084	CHIMERA INVESTMENT CORP	Home Financing, Technology & Services	0.6667%	0.299933	CIM.N	CIM UN Equity	BVZCNC0	16934Q208	20.21
US33616C1009	FIRST REPUBLIC BANK	Home Financing, Technology & Services	0.6667%	0.055945	FRC.N	FRC UN Equity	B4WHY15	33616C100	108.35
US4461501045	HUNTINGTON BANCSHARES INC/OH	Home Financing, Technology & Services	0.6667%	0.407917	HBAN.OQ	HBAN UW Equity	2445966	446150104	14.86
US46625H1005	JPMORGAN CHASE & CO	Home Financing, Technology & Services	0.6667%	0.046346	JPM.N	JPM UN Equity	2190385	46625H100	130.79
US55272X1028	MFA FINANCIAL INC	Home Financing, Technology & Services	0.6667%	0.795491	MFA.N	MFA UN Equity	2418162	55272X102	7.62
US55261F1049	M & T BANK CORP	Home Financing, Technology & Services	0.6667%	0.036757	MTB.N	MTB UN Equity	2340168	55261F104	164.91
US0357104092	ANNALY CAPITAL MANAGEMENT INC	Home Financing, Technology & Services	0.6667%	0.658874	NLY.N	NLY UN Equity	2113456	035710409	9.2
US64828T2015	NEW RESIDENTIAL INVESTMENT CORP	Home Financing, Technology & Services	0.6667%	0.394895	NRZ.N	NRZ UN Equity	BRJ9GW0	64828T201	15.35

US6934751057	PNC FINANCIAL SERVICES GROUP	Home Financing, Technology & Services	0.6667%	0.039657	PNC.N	PNC UN Equity	2692665	693475105	152.85
US7591EP1005	REGIONS FINANCIAL CORP	Home Financing, Technology & Services	0.6667%	0.363626	RF.N	RF UN Equity	B01R311	7591EP100	16.67
US8679141031	SUNTRUST BANKS INC	Home Financing, Technology & Services	0.6667%	0.085725	STI.N	STI UN Equity	2860990	867914103	70.71
US90187B4086	TWO HARBORS INVESTMENT CORP	Home Financing, Technology & Services	0.6667%	0.420655	TWO.N	TWO UN Equity	BD832H2	90187B408	14.41
US9497461015	WELLS FARGO & CO	Home Financing, Technology & Services	0.6667%	0.111674	WFC.N	WFC UN Equity	2649100	949746101	54.28
US0200021014	ALLSTATE CORP	Home Financing, Technology & Services	0.6667%	0.055086	ALL.N	ALL UN Equity	2019952	020002101	110.04
US31847R1023	FIRST AMERICAN FINANCIAL CORP	Home Financing, Technology & Services	0.6667%	0.096816	FAF.N	FAF UN Equity	B4NFPK4	31847R102	62.61
US31620R3030	FIDELITY NATIONAL FINANCIAL INC	Home Financing, Technology & Services	0.6667%	0.127158	FNF.N	FNF UN Equity	BNBRDD4	31620R303	47.67
US5528481030	MGIC INVESTMENT CORP	Home Financing, Technology & Services	0.6667%	0.43082	MTG.N	MTG UN Equity	2548616	552848103	14.07
US6802231042	OLD REPUBLIC INTL CORP	Home Financing, Technology & Services	0.6667%	0.271823	ORI.N	ORI UN Equity	2659109	680223104	22.3
US7433151039	PROGRESSIVE CORP	Home Financing, Technology & Services	0.6667%	0.08558	PGR.N	PGR UN Equity	2705024	743315103	70.83
US7502361014	RADIAN GROUP INC	Home Financing, Technology & Services	0.6667%	0.237525	RDN.N	RDN UN Equity	2173911	750236101	25.52
US89417E1091	TRAVELERS COS INC/THE	Home Financing, Technology & Services	0.6667%	0.044858	TRV.N	TRV UN Equity	2769503	89417E109	135.13
US21871D1037	CORELOGIC INC	Home Financing, Technology & Services	0.6667%	0.14967	CLGX.N	CLGX UN Equity	B5541Y2	21871D103	40.5
US75737F1084	REDFIN CORP	Home Financing, Technology & Services	0.6667%	0.301724	RDFN.OQ	RDFN UW Equity	BF1BDQ3	75737F108	20.09
US75605Y1064	REALOGY HOLDINGS CORP	Home Financing, Technology & Services	0.6667%	0.59138	RLGY.N	RLGY UN Equity	B5T0CW1	75605Y106	10.25
US75524W1080	RE/MAX HOLDINGS INC	Home Financing, Technology & Services	0.6667%	0.163255	RMAX.N	RMAX UN Equity	BF23JJ3	75524W108	37.13
US75606N1090	REALPAGE INC	Home Financing, Technology & Services	0.6667%	0.111448	RP.OQ	RP UW Equity	B4W2S29	75606N109	54.39
US98954M2008	ZILLOW GROUP INC - C CLASS	Home Financing, Technology & Services	0.6667%	0.147485	Z.OQ	Z UW Equity	BYXJF62	98954M200	41.1