



## JSMDID

Janus Index & Calculation Services LLC announces the quarterly rebalancing of the Janus Small/Mid Cap Growth Alpha Index (JSMDID). The rebalancing will become effective at the close on December 14, 2018. The following weights are computed as of December 07, 2018:

AAOI UQ Equity	APPLIED OPTOELECTRONICS INC	0.00071686
ABCB UW Equity	AMERIS BANCORP	0.0012373
ACIA UW Equity	ACACIA COMMUNICATIONS INC	0.0030311
AEIS UW Equity	ADVANCED ENERGY INDUSTRIES INC	0.0030288
AGX UN Equity	ARGAN INC	0.0010318
ALGT UW Equity	ALLEGIANT TRAVEL CO	0.0032203
ALK UN Equity	ALASKA AIR GROUP	0.012632
AMCX UW Equity	AMC NETWORKS INC.-A	0.0019176
AMN UN Equity	AMN HEALTHCARE SERVICES INC	0.0098852
AMR UR Equity	ALTA MESA RESOURCES INC	0.00090707
AMWD UW Equity	AMERICAN WOODMARK CORP	0.0017097
ANIK UW Equity	ANIKA THERAPEUTICS INC	0.0015854
ASGN UN Equity	ASGN INC	0.0051029
ATH UN Equity	ATHENE HOLDING LTD - CLASS A	0.0045782
AVLR UN Equity	AVALARA INC	0.0037515
AX UN Equity	AXOS FINANCIAL INC	0.0012638
AXL UN Equity	AMERICAN AXLE & MANUFACTURING HOLDINGS INC	0.0012041
AYI UN Equity	ACUITY BRANDS INC	0.0074563
AZPN UW Equity	ASPEN TECHNOLOGY INC	0.010951
BFAM UN Equity	BRIGHT HORIZONS FAMILY SOLUTIONS INC	0.0064782
BGSF UA Equity	BG STAFFING INC	0.00040237
BLD UN Equity	TOPBUILD CORP	0.0015881
BLDR UW Equity	BUILDERS FIRSTSOURCE INC	0.0021791



BLKB UW Equity	BLACKBAUD INC	0.0060702
BMCH UW Equity	BMC STOCK HOLDINGS INC	0.0017577
BOOT UN Equity	BOOT BARN HOLDINGS INC	0.00054581
BPRN UW Equity	THE BANK OF PRINCETON	0.00013323
BRO UN Equity	BROWN & BROWN INC	0.0054241
BSTC UQ Equity	BIOSPECIFICS TECHNOLOGIES	0.001488
BWB UR Equity	BRIDGEWATER BANCSHARES INC	0.00023697
BWFG UQ Equity	BANKWELL FINANCIAL GROUP INC	0.00015274
BY UN Equity	BYLINE BANCORP INC	0.00048455
CABO UN Equity	CABLE ONE INC.	0.00364
CACC UW Equity	CREDIT ACCEPTANCE CORP	0.0051057
CARG UW Equity	CARGURUS INC	0.0023159
CASA UW Equity	CASA SYSTEMS INC	0.0023769
CBM UN Equity	CAMBREX CORP	0.005364
CBPX UN Equity	CONTINENTAL BUILDING PRODUCTS INC	0.0015652
CCF UA Equity	CHASE CORP	0.002386
CCMP UW Equity	CABOT MICROELECTRONICS CORP	0.0052491
CDK UW Equity	CDK GLOBAL INC	0.011688
CGNX UW Equity	COGNEX CORP	0.013485
CHMI UN Equity	CHERRY HILL MORTGAGE INVESTMENT CORP	0.00021266
CHUY UW Equity	CHUYS HOLDINGS INC	0.00034059
CIEN UN Equity	CIENA CORP	0.0084379
CMD UN Equity	CANTEL MEDICAL CORP	0.011825
CNS UN Equity	COHEN & STEERS INC	0.0011778
COHR UW Equity	COHERENT INC	0.0055207
COR UN Equity	CORESITE REALTY CORP	0.00095573



CRI UN Equity	CARTERS INC	0.0036198
CTRE UW Equity	CARETRUST REIT INC	0.0004531
CTRL UW Equity	CONTROL4 CORP	0.0009988
CVCO UW Equity	CAVCO INDUSTRIES INC	0.0013005
CVGW UW Equity	CALAVO GROWERS INC.	0.0025518
CWH UN Equity	CAMPING WORLD HOLDINGS INC	0.00055212
DHIL UW Equity	DIAMOND HILL INVESTMENT GRP	0.00037874
DLTH UW Equity	DULUTH HOLDINGS INC	0.00067664
DNKN UW Equity	DUNKIN BRANDS GROUP INC	0.0056289
DORM UW Equity	DORMAN PRODUCTS INC	0.0025507
EBIX UW Equity	EBIX INC	0.0027884
EEFT UW Equity	EURONET WORLDWIDE INC	0.010859
EGBN UR Equity	EAGLE BANCORP INC	0.0012429
EGOV UW Equity	NIC INC	0.0016068
ENTA UW Equity	ENANTA PHARMACEUTICALS INC	0.0050083
EPAM UN Equity	EPAM SYSTEMS INC	0.012551
EPM UA Equity	EVOLUTION PETROLEUM CORP	0.00088927
ESNT UN Equity	ESSENT GROUP LTD	0.0024468
ETSY UW Equity	ETSY INC	0.0061798
EVC UN Equity	ENTRAVISION COMMUNICATIONS-A	0.00014725
EVR UN Equity	EVERCORE INC	0.002163
EXP UN Equity	EAGLE MATERIALS INC	0.0079228
FBK UN Equity	FB FINANCIAL CORP	0.00076606
FBM UN Equity	FOUNDATION BUILDING MATERIALS	0.00058468
FCPT UN Equity	FOUR CORNERS PROPERTY TRUST	0.00051268
FFWM UQ Equity	FIRST FOUNDATION INC	0.00044432



FG UN Equity	FGL HOLDINGS	0.0010682
FIVE UW Equity	FIVE BELOW INC	0.0050675
FIZZ UW Equity	NATIONAL BEVERAGE CORP	0.0061428
FND UN Equity	FLOOR & DECOR HOLDINGS INC-A	0.002803
FOCS UW Equity	FOCUS FINANCIAL PARTNERS INC	0.00081223
FONR UR Equity	FONAR CORP	0.00047538
FOXF UW Equity	FOX FACTORY HOLDING CORP	0.00223
FSB UN Equity	FRANKLIN FINANCIAL NETWORK INC	0.00029506
FSBW UR Equity	FS BANCORP INC	0.00013855
FVCB UR Equity	FVCBANKCORP INC	0.00018909
GCBC UR Equity	GREENE COUNTY BANCORP INC	0.00019022
GGG UN Equity	GRACO	0.011033
GKOS UN Equity	GLAUKOS CORP	0.0081879
GLPI UW Equity	GAMING AND LEISURE PROPERTIES INC	0.0019917
GNTX UW Equity	GENTEX CORP	0.0052396
GSHD UW Equity	GOOSEHEAD INSURANCE INC	0.00024943
HA UW Equity	HAWAIIAN HOLDINGS INC	0.002379
HCC UN Equity	WARRIOR MET COAL LLC	0.0031988
HCKT UW Equity	HACKETT GROUP INC/THE	0.00095147
HCSG UW Equity	HEALTHCARE SERVICES GROUP	0.0048519
HDP UW Equity	HORTONWORKS INC	0.00254
HEI UN Equity	HEICO CORP	0.014957
HF UN Equity	HFF INC-CLASS A	0.0003857
HGV UN Equity	HILTON GRAND VACATIONS INC	0.0026203
HIHQ UQ Equity	HEALTH INSURANCE INNOVATIONS INC	0.00032841
HLI UN Equity	HOULIHAN LOKEY INC	0.00096386



HLNE UW Equity	HAMILTON LANE INC	0.00063312
HOFT UW Equity	HOOKER FURNITURE CORP	0.00031246
HPP UN Equity	HUDSON PACIFIC PROPERTIES INC	0.0013218
HQY UW Equity	HEALTHEQUITY INC	0.015031
HTA UN Equity	HEALTHCARE TRUST OF AMERICA	0.0015887
HTH UN Equity	HILLTOP HOLDINGS INC	0.0011905
HZO UN Equity	MARINEMAX INC	0.00051552
IBP UN Equity	INSTALLED BUILDING PRODUCTS INC	0.001055
IBTX UW Equity	INDEPENDENT BANK GROUP INC	0.0011104
ICHR UW Equity	ICHOR HOLDINGS LTD	0.00072582
ICLR UW Equity	ICON PLC	0.026836
INGN UW Equity	INOGEN INC	0.010556
INN UN Equity	SUMMIT HOTEL PROPERTIES INC	0.00030766
IPGP UW Equity	IPG PHOTONICS CORP	0.012561
IRBT UW Equity	IROBOT CORP	0.0023927
IRT UN Equity	INDEPENDENCE REALTY TRUST INC	0.0002454
ITIC UW Equity	INVESTORS TITLE CO	0.00023803
JBLU UW Equity	JETBLUE AIRWAYS CORP	0.0086019
JBT UN Equity	JOHN BEAN TECHNOLOGIES CORP	0.0037208
JCAP UN Equity	JERNIGAN CAPITAL INC	0.00011462
KAR UN Equity	KAR AUCTION SERVICES INC	0.010838
KFY UN Equity	KORN/FERRY INTERNATIONAL	0.003921
KINS UR Equity	KINGSTONE COS INC	0.00011533
KNSL UW Equity	KINSALE CAPITAL GROUP INC	0.00086972
KNX UN Equity	KNIGHT-SWIFT TRANSPORTATION HOLDINGS INC	0.0079355
KRC UN Equity	KILROY REALTY CORP	0.0019077



LAD UN Equity	LITHIA MOTORS INC-CL A	0.0015455
LAMR UW Equity	LAMAR ADVERTISING CO-A	0.0016741
LBRT UN Equity	LIBERTY OILFIELD SERVICES -A	0.0035456
LCII UN Equity	LCI INDUSTRIES	0.0016995
LDL UN Equity	LYDALL INC	0.00055358
LEXEA UW Equity	LIBERTY EXPEDIA HOLDINGS INC	0.0022486
LFUS UW Equity	LITTELFUSE INC	0.0082129
LGIH UW Equity	LGI HOMES INC	0.00095991
LGND UQ Equity	LIGAND PHARMACEUTICALS INC	0.010927
LMAT UQ Equity	LEMAITRE VASCULAR INC	0.0017727
LOB UW Equity	LIVE OAK BANCSHARES INC	0.00041346
LOPE UW Equity	GRAND CANYON EDUCATION INC	0.0052264
LTHM UN Equity	LIVENT CORP	0.0061969
MANH UW Equity	MANHATTAN ASSOCIATES INC	0.0057953
MASI UW Equity	MASIMO CORPORATION	0.019702
MBIN UR Equity	MERCHANTS BANCORP/IN	0.00041883
MBUU UQ Equity	MALIBU BOATS INC	0.00079652
MC UN Equity	MOELIS & CO	0.0012309
MCB UN Equity	METROPOLITAN BANK HOLDING CORP	0.00019406
MCFT UQ Equity	MASTERCRAFT BOAT HOLDINGS INC	0.00040289
MEI UN Equity	METHODE ELECTRONICS INC	0.0016799
MHO UN Equity	M/I HOMES INC	0.00063101
MIDD UW Equity	MIDDLEBY CORP	0.0096357
MKSI UW Equity	MKS INSTRUMENTS INC	0.0069403
MKTX UW Equity	MARKETAXESS HOLDINGS INC	0.0058776
MPWR UW Equity	MONOLITHIC POWER SYSTEMS INC	0.0097743



MPX UN Equity	MARINE PRODUCTS CORP	0.00071686
MTCH UW Equity	MATCH GROUP INC	0.0019928
MTDR UN Equity	MATADOR RESOURCES CO	0.0080809
NCBS UR Equity	NICOLET BANKSHARES INC	0.00034126
NCOM UW Equity	NATIONAL COMMERCE CORP	0.0005568
NEOG UW Equity	NEOGEN CORP	0.011292
NODK UR Equity	NI HOLDINGS INC	0.00024658
NRC UW Equity	NATIONAL RESEARCH CORP	0.0033999
NRZ UN Equity	NEW RESIDENTIAL INVESTMENT CORP	0.0042956
NSA UN Equity	NATIONAL STORAGE AFFILIATES TRUST	0.00044718
NSP UN Equity	INSPERITY INC	0.006216
NSSC UW Equity	NAPCO SECURITY TECHNOLOGIES IN	0.0005594
NTRI UW Equity	NUTRISYSTEM INC.	0.00095719
NUVA UW Equity	NUVASIVE INC	0.010189
NVEE UR Equity	NV5 GLOBAL INC	0.0012704
NVR UN Equity	NVR INC	0.0084471
NWL UN Equity	NEWELL BRANDS INC	0.010073
NXST UW Equity	NEXSTAR MEDIA GROUP INC	0.0028527
OFLX UQ Equity	OMEGA FLEX INC	0.00086217
OLED UW Equity	UNIVERSAL DISPLAY CORP	0.0084981
OLLI UQ Equity	OLLIES BARGAIN OUTLET HOLDI	0.0041237
ON UW Equity	ON SEMICONDUCTOR CORPORATION	0.013831
OPBK UQ Equity	OP BANCORP	9.938e-05
ORI UN Equity	OLD REPUBLIC INTL CORP	0.0045373
OZK UW Equity	BANK OZK	0.0021285
PAG UN Equity	PENSKE AUTOMOTIVE GROUP INC	0.0032594



PAHC UQ Equity	PHIBRO ANIMAL HEALTH CORP	0.0023454
PATK UW Equity	PATRICK INDUSTRIES INC	0.0013319
PAYC UN Equity	PAYCOM SOFTWARE INC	0.014157
PBH UN Equity	PRESTIGE CONSUMER HEALTHCARE INC	0.0065723
PCTY UW Equity	PAYLOCITY HOLDING CORP	0.0061994
PFBC UW Equity	PREFERRED BANK/LOS ANGELES	0.00049242
PGTI UN Equity	PGT INNOVATIONS INC	0.0016361
PHM UN Equity	PULTE GROUP INC	0.0070091
PK UN Equity	PARK HOTELS & RESORTS INC	0.0016261
PLAY UW Equity	DAVE & BUSTERS ENTERTAINMENT INC	0.0019577
PLBC UR Equity	PLUMAS BANCORP	8.276e-05
POOL UW Equity	POOL CORP	0.0058386
PRAH UW Equity	PRA HEALTH SCIENCES INC	0.023644
PRLB UN Equity	PROTO LABS INC	0.00496
PTSI UQ Equity	P.A.M. TRANSPORTATION SVCS	0.00041455
PUB UR Equity	PEOPLES UTAH BANCORP	0.0003834
PZZA UW Equity	PAPA JOHNS INTERNATIONAL INC	0.0013529
QLYS UW Equity	QUALYS INC	0.0056353
RBB UW Equity	RBB BANCORP	0.0002831
RMR UR Equity	THE RMR GROUP INC	0.00025272
ROAD UW Equity	CONSTRUCTION PARTNERS INC	0.00016966
ROIC UW Equity	RETAIL OPPORTUNITY INVESTMENTS CORP	0.00054791
ROL UN Equity	ROLLINS INC	0.019708
SAFM UW Equity	SANDERSON FARMS INC	0.0037141
SAIA UW Equity	SAIA INC	0.0022189
SAVE UN Equity	SPIRIT AIRLINES INC.	0.006426





SFBS UW Equity	SERVISFIRST BANCSHARES INC	0.001325
SFIX UW Equity	STITCH FIX INC	0.0010491
SFM UW Equity	SPROUTS FARMERS MARKET INC	0.0049119
SGC UQ Equity	SUPERIOR GROUP OF COS INC	0.00026954
SIGI UW Equity	SELECTIVE INSURANCE GROUP	0.0026188
SITE UN Equity	SITEONE LANDSCAPE SUPPLY INC	0.0039116
SKX UN Equity	SKECHERS U.S.A. INC	0.0031322
SLP UR Equity	SIMULATIONS PLUS INC	0.0011907
SMPL UR Equity	SIMPLY GOOD FOODS CO THE	0.0023714
SNA UN Equity	SNAP-ON INC	0.013381
SNDR UN Equity	SCHNEIDER NATIONAL INC-CL B	0.0029486
SNX UN Equity	SYNNEX CORP	0.0073155
SSD UN Equity	SIMPSON MANUFACTURING CO INC	0.0040051
STMP UW Equity	STAMPS.COM INC	0.0029572
STOR UN Equity	STORE CAPITAL CORP	0.0017497
SUI UN Equity	SUN COMMUNITIES INC	0.0025064
TBK UW Equity	TRIUMPH BANCORP INC	0.00063574
TCMD UQ Equity	TACTILE SYSTEMS TECHNOLOGY INC	0.0034899
THO UN Equity	THOR INDUSTRIES INC	0.0031009
THRM UW Equity	GENTHERM INC	0.0013629
TNET UN Equity	TRINET GROUP INC	0.0046552
TPIC UQ Equity	TPI COMPOSITES INC	0.001409
TREX UN Equity	TREX CO INC	0.0058125
TRHC UQ Equity	TABULA RASA HEALTHCARE INC	0.0051368
TRNO UN Equity	TERRENO REALTY CORP	0.00061223
TSC UW Equity	TRISTATE CAPITAL HOLDINGS INC	0.00045801



TTC UN Equity	TORO CO	0.009713
TTD UQ Equity	TRADE DESK INC/THE -CLASS A	0.0091596
TWNK UR Equity	HOSTESS BRANDS INC	0.0018421
TXRH UW Equity	TEXAS ROADHOUSE INC	0.0043234
TYL UN Equity	TYLER TECHNOLOGIES INC	0.013386
UBNT UW Equity	UBIQUITI NETWORKS INC	0.014268
UCTT UW Equity	ULTRA CLEAN HOLDINGS INC	0.00065314
UFPI UW Equity	UNIVERSAL FOREST PRODUCTS INC	0.002633
UTHR UW Equity	UNITED THERAPEUTICS CORP	0.016842
UVE UN Equity	UNIVERSAL INSURANCE HOLDINGS	0.0010065
VRRM UR Equity	VERRA MOBILITY CORP	0.0029048
VSM UN Equity	VERSUM MATERIALS INC	0.0065177
VVI UN Equity	VIAD CORP	0.0015605
WAL UN Equity	WESTERN ALLIANCE BANCORP	0.0030408
WD UN Equity	WALKER & DUNLOP INC	0.0009265
WGO UN Equity	WINNEBAGO INDUSTRIES INC	0.00069719
WHD UN Equity	CACTUS INC	0.0036075
WING UW Equity	WINGSTOP INC	0.0017122
WLDN UQ Equity	WILLDAN GROUP INC	0.00064617
WLK UN Equity	WESTLAKE CHEMICAL CORP	0.022311
WSO UN Equity	WATSCO INC	0.008978
YELP UN Equity	YELP	0.0021072