



## 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 13, 2019. The following weights are computed as of December 05, 2019:

ABCB UW Equity	AMERIS BANCORP	0.0017513
ABMD UW Equity	ABIOMED INC	0.021079
ACMR UQ Equity	ACM RESEARCH INC	0.00040237
ALG UN Equity	ALAMO GROUP INC	0.0013543
ALGT UW Equity	ALLEGIANT TRAVEL CO	0.002741
ALLE UN Equity	ALLEGION PLC	0.01128
ALSN UN Equity	ALLISON TRANSMISSION HOLDING	0.0056122
AMN UN Equity	AMN HEALTHCARE SERVICES INC	0.0069729
AMOT UQ Equity	ALLIED MOTION TECHNOLOGIES	0.00042232
AMWD UW Equity	AMERICAN WOODMARK CORP	0.0017345
AOS UN Equity	SMITH (A.O.) CORP	0.0063806
APPF UQ Equity	APPFOLIO INC - A	0.0031185
ASGN UN Equity	ASGN INC	0.0035073
ATKR UN Equity	ATKORE INTERNATIONAL GROUP I	0.0019303
AVLR UN Equity	AVALARA INC	0.0096042
AX UN Equity	AXOS FINANCIAL INC	0.0010268
AZPN UW Equity	ASPEN TECHNOLOGY INC	0.013772
BAND UW Equity	BANDWIDTH INC	0.00048642
BANF UW Equity	BANCFIRST CORP	0.0011278
BBCP UW Equity	CONCRETE PUMPING HOLDINGS INC	0.00026285
BCML UW Equity	BAYCOM CORP	0.00016564
BCPC UW Equity	BALCHEM CORP	0.0087112
BEAT UW Equity	BIOTELEMETRY INC	0.0039202



BFAM UN Equity	BRIGHT HORIZONS FAMILY SOLUTIONS INC	0.0067981
BGSF UN Equity	BG STAFFING INC	0.00020881
BJRI UW Equity	BJS RESTAURANTS INC	0.00055992
BLD UN Equity	TOPBUILD CORP	0.0029014
BLDR UW Equity	BUILDERS FIRSTSOURCE INC	0.0029526
BMCH UW Equity	BMC STOCK HOLDINGS INC	0.0019447
BOOT UN Equity	BOOT BARN HOLDINGS INC	0.00091008
BRY UW Equity	BERRY PETROLEUM CORP	0.00056368
BSTC UQ Equity	BIOSPECIFICS TECHNOLOGIES	0.00099529
BWB UR Equity	BRIDGEWATER BANCSHARES INC	0.00021425
BY UN Equity	BYLINE BANCORP INC	0.00040027
CABO UN Equity	CABLE ONE INC.	0.0043167
CACC UW Equity	CREDIT ACCEPTANCE CORP	0.0047823
CADE UN Equity	CADENCE BANCORP	0.0012194
CARG UW Equity	CARGURUS INC	0.0017237
CASH UW Equity	META FINANCIAL GROUP INC	0.00077376
CBNK UW Equity	CAPITAL BANCORP INC	0.00011475
CCMP UW Equity	CABOT MICROELECTRONICS CORP	0.0062304
CGNX UW Equity	COGNEX CORP	0.014311
CHH UN Equity	CHOICE HOTELS INTL INC	0.00418
CHWY UN Equity	CHEWY INC - CLASS A	0.0010074
COLM UW Equity	COLUMBIA SPORTSWEAR CO	0.0047883
COR UN Equity	CORESITE REALTY CORP	0.00086438
CORT UR Equity	CORCEPT THERAPEUTICS INC	0.0036964
CPE UN Equity	CALLON PETE CO DEL	0.00072875
CRL UN Equity	CHARLES RIVER LABORATORIES	0.017449



CSFL UW Equity	CENTERSTATE BANK CORP	0.0018173
CTO UA Equity	CONS TOMOKA LAND CO-FLORIDA	6.169e-05
CTRE UW Equity	CARETRUST REIT INC	0.00041482
CUBE UN Equity	CUBESMART	0.0012158
CVCO UW Equity	CAVCO INDUSTRIES INC	0.0014441
CVGW UW Equity	CALAVO GROWERS INC.	0.0057458
DLTH UW Equity	DULUTH HOLDINGS INC	0.00022126
DORM UW Equity	DORMAN PRODUCTS INC	0.0018835
EBIX UW Equity	EBIX INC	0.0017125
EEFT UW Equity	EURONET WORLDWIDE INC	0.014244
EGBN UR Equity	EAGLE BANCORP INC	0.00087873
EGOV UW Equity	NIC INC	0.002538
ENSG UW Equity	ENSIGN GROUP INC	0.0055762
EPAM UN Equity	EPAM SYSTEMS INC	0.019067
EPM UA Equity	EVOLUTION PETROLEUM CORP	0.0001415
EQBK UW Equity	EQUITY BANCSHARES INC - CL A	0.00026393
ESNT UN Equity	ESSENT GROUP LTD	0.0030808
ESQ UR Equity	ESQUIRE FINANCIAL HOLDINGS INC	0.0001052
ETSY UW Equity	ETSY INC	0.003768
EVR UN Equity	EVERCORE INC	0.0017248
EXPO UW Equity	EXPONENT INC	0.0033409
FBK UN Equity	FB FINANCIAL CORP	0.00069666
FBMS UQ Equity	FIRST BANCSHARES INC/THE	0.00036157
FCBP UR Equity	FIRST CHOICE BK/CERRITOS CA	0.00015625
FFWM UQ Equity	FIRST FOUNDATION INC	0.0004225
FICO UN Equity	FAIR ISAAC CORP	0.017555



FIVE UW Equity	FIVE BELOW INC	0.0053306
FIX UN Equity	COMFORT SYSTEMS USA INC	0.0017966
FIZZ UW Equity	NATIONAL BEVERAGE CORP	0.0083306
FLMN UR Equity	FALCON MINERALS CORP	0.00024281
FMNB UR Equity	FARMERS NATIONAL BANC CORP	0.00024505
FND UN Equity	FLOOR & DECOR HOLDINGS INC-A	0.0036988
FONR UR Equity	FONAR CORP	0.00031915
FORM UW Equity	FORMFACTOR INC	0.002897
FOXF UW Equity	FOX FACTORY HOLDING CORP	0.0019371
FRBA UQ Equity	FIRST BANK/HAMILTON NJ	0.00012707
FSB UN Equity	FRANKLIN FINANCIAL NETWORK INC	0.00029031
FSBW UR Equity	FS BANCORP INC	0.00015529
FVCB UR Equity	FVCBANKCORP INC	0.00013644
FWRD UW Equity	FORWARD AIR CORP	0.0019406
GDOT UN Equity	GREEN DOT CORP	0.00073909
GGG UN Equity	GRACO	0.0080125
GLPI UW Equity	GAMING AND LEISURE PROPERTIES INC	0.0018393
GMED UN Equity	GLOBUS MEDICAL INC	0.010812
GNTX UW Equity	GENTEX CORP	0.0055256
GRUB UN Equity	GRUBHUB INC	0.0028429
GSKY UW Equity	GREENSKY INC-CLASS A	0.00077731
HA UW Equity	HAWAIIAN HOLDINGS INC	0.001362
HCC UN Equity	WARRIOR MET COAL LLC	0.002796
HEI UN Equity	HEICO CORP	0.01461
HFFG UR Equity	HF FOODS GROUP INC	0.0042875
HGV UN Equity	HILTON GRAND VACATIONS INC	0.0023096



HIIQ UQ Equity	HEALTH INSURANCE INNOVATIONS INC	0.00013686
HLI UN Equity	HOULIHAN LOKEY INC	0.0011776
HOFT UW Equity	HOOKE FURNITURE CORP	0.00021788
HOMB UW Equity	HOME BANCSHARES INC	0.0018308
HQY UW Equity	HEALTHEQUITY INC	0.011428
HZO UN Equity	MARINEMAX INC	0.00026976
IBKR UW Equity	INTERACTIVE BROKERS GROUP INC	0.0021232
IBP UN Equity	INSTALLED BUILDING PRODUCTS INC	0.0016687
IBTX UW Equity	INDEPENDENT BANK GROUP INC	0.0014561
ICHR UW Equity	ICHOR HOLDINGS LTD	0.0011691
INGN UW Equity	INOGEN INC	0.0038987
INVA UW Equity	INNOVIVA INC	0.0032433
IPG UN Equity	INTERPUBLIC GROUP OF COS INC	0.0042348
IPGP UW Equity	IPG PHOTONICS CORP	0.012492
IRBT UW Equity	IROBOT CORP	0.00096992
ISTR UQ Equity	INVESTAR HOLDING CORP	0.00014263
JAZZ UW Equity	JAZZ PHARMACEUTICALS PLC	0.020687
JBT UN Equity	JOHN BEAN TECHNOLOGIES CORP	0.0034446
JCAP UN Equity	JERNIGAN CAPITAL INC	7.863e-05
JLL UN Equity	JONES LANG LASALLE INC	0.0017622
KAI UN Equity	KADANT INC	0.0010995
KEM UN Equity	KEMET CORP	0.0026261
KNSL UW Equity	KINSALE CAPITAL GROUP INC	0.0012546
LAD UN Equity	LITHIA MOTORS INC-CL A	0.002745
LBRT UN Equity	LIBERTY OILFIELD SERVICES -A	0.00054831
LCII UN Equity	LCI INDUSTRIES	0.0020019



LEA UN Equity	LEAR CORP	0.0056485
LEGH UW Equity	LEGACY HOUSING CORP	0.00030435
LFUS UW Equity	LITTELFUSE INC	0.0075059
LGIH UW Equity	LGI HOMES INC	0.0013269
LGND UQ Equity	LIGAND PHARMACEUTICALS INC	0.0045498
LMAT UQ Equity	LEMAITRE VASCULAR INC	0.001771
LOGM UW Equity	LOGMEIN INC	0.0060364
LPLA UW Equity	LPL FINANCIAL HOLDINGS INC	0.0043002
LSTR UW Equity	LANDSTAR SYSTEM INC	0.0043062
LTHM UN Equity	LIVENT CORP	0.0030837
MASI UW Equity	MASIMO CORPORATION	0.02048
MBIN UR Equity	MERCHANTS BANCORP/IN	0.00029981
MBUU UQ Equity	MALIBU BOATS INC	0.00060798
MCFT UQ Equity	MASTERCRAFT BOAT HOLDINGS INC	0.00023065
MGY UN Equity	MAGNOLIA OIL & GAS CORP	0.001562
MHK UN Equity	MOHAWK INDS.	0.0076536
MIDD UW Equity	MIDDLEBY CORP	0.0062219
MKSI UW Equity	MKS INSTRUMENTS INC	0.0097155
MLHR UW Equity	HERMAN MILLER INC	0.0027637
MMI UN Equity	MARCUS & MILLICHAP INC	0.0002929
MNRL UN Equity	BRIGHAM MINERALS INC	0.00034649
MPW UN Equity	MEDICAL PROPERTIES TRUST INC	0.0022359
MPWR UW Equity	MONOLITHIC POWER SYSTEMS INC	0.011839
MPX UN Equity	MARINE PRODUCTS CORP	0.00039968
MTCH UW Equity	MATCH GROUP INC	0.0023396
NATH UW Equity	NATHANS FAMOUS INC	0.00024504



NDSN UW Equity	NORDSON CORP	0.009471
NEOG UW Equity	NEOGEN CORP	0.0087834
NGHC UQ Equity	NATIONAL GENERAL HOLDINGS CORP	0.0014084
NMIH UQ Equity	NMI HOLDINGS INC	0.0013023
NMRK UW Equity	NEWMARK GROUP INC	0.00042692
NODK UR Equity	NI HOLDINGS INC	0.0002101
NRC UW Equity	NATIONAL RESEARCH CORP	0.0039138
NSIT UW Equity	INSIGHT ENTERPRISES INC	0.003899
NSP UN Equity	INSPERITY INC	0.0031043
NSSC UW Equity	NAPCO SECURITY TECHNOLOGIES IN	0.00093706
NVEE UR Equity	NV5 GLOBAL INC	0.00059087
NXST UW Equity	NEXSTAR MEDIA GROUP INC	0.0024327
OFLX UQ Equity	OMEGA FLEX INC	0.00096539
OLLI UQ Equity	OLLIES BARGAIN OUTLET HOLDI	0.0029288
ON UW Equity	ON SEMICONDUCTOR CORPORATION	0.014932
OPBK UQ Equity	OP BANCORP	9.068e-05
ORCC UN Equity	OWL ROCK CAPITAL CORP	0.0040736
OZK UW Equity	BANK OZK	0.002269
PAG UN Equity	PENSKE AUTOMOTIVE GROUP INC	0.0032099
PATK UW Equity	PATRICK INDUSTRIES INC	0.0012051
PAYC UN Equity	PAYCOM SOFTWARE INC	0.026334
PAYS UR Equity	PAYSIGN INC	0.00084419
PBFS UR Equity	PIONEER BANCORP INC/NY	0.00020578
PCTY UW Equity	PAYLOCITY HOLDING CORP	0.010756
PFBC UW Equity	PREFERRED BANK/LOS ANGELES	0.00049445
PGTI UN Equity	PGT INNOVATIONS INC	0.00081511



PLAY UW Equity	DAVE & BUSTERS ENTERTAINMENT INC	0.00094633
PLMR UW Equity	PALOMAR HOLDINGS INC	0.00069333
PLNT UN Equity	PLANET FITNESS INC - CL A	0.0047827
PNTG UA Equity	PENNANT GROUP INC	0.0017189
POOL UW Equity	POOL CORP	0.006513
PPBI UW Equity	PACIFIC PREMIER BANCORP INC	0.0011202
PRAH UW Equity	PRA HEALTH SCIENCES INC	0.016867
PRLB UN Equity	PROTO LABS INC	0.0025221
PTSI UQ Equity	P.A.M. TRANSPORTATION SVCS	0.00030537
PUB UR Equity	PEOPLES UTAH BANCORP	0.00031879
PUMP UN Equity	PROPETRO HOLDING CORP	0.00074173
QDEL UW Equity	QUIDEL CORP	0.0071012
QLYS UW Equity	QUALYS INC	0.0055828
RBB UW Equity	RBB BANCORP	0.00023624
REXR UN Equity	REXFORD INDUSTRIAL REALTY IN	0.001062
RHI UN Equity	ROBERT HALF INTL.	0.0068137
RHP UN Equity	RYMAN HOSPITALITY PROPERTIES	0.00092552
RLGT UA Equity	RADIANT LOGISTICS INC	0.00026104
RMR UR Equity	THE RMR GROUP INC	0.0001444
ROAD UW Equity	CONSTRUCTION PARTNERS INC	0.00062352
ROL UN Equity	ROLLINS INC	0.011191
RVLV UN Equity	REVOLVE GROUP INC	0.0001802
SACH UA Equity	SACHEM CAPITAL CORP	5.556e-05
SAIA UW Equity	SAIA INC	0.0022868
SBT UR Equity	STERLING BANCORP INC/MI	0.00027649
SCPL UW Equity	SCIPLAY CORP	0.00014068





SFIX UW Equity	STITCH FIX INC	0.00099107
SFM UW Equity	SPROUTS FARMERS MARKET INC	0.0086985
SFST UQ Equity	SOUTHERN FIRST BANCSHARES INC	0.00018695
SGC UQ Equity	SUPERIOR GROUP OF COS INC	0.0001573
SIGA UQ Equity	SIGA TECHNOLOGIES INC	0.00090879
SITE UN Equity	SITEONE LANDSCAPE SUPPLY INC	0.0036221
SKX UN Equity	SKECHERS U.S.A. INC	0.0041932
SMBC UQ Equity	SOUTHERN MISSOURI BANCORP	0.0001969
SNA UN Equity	SNAP-ON INC	0.0088299
SNDR UN Equity	SCHNEIDER NATIONAL INC-CL B	0.0020808
SNX UN Equity	SYNNEX CORP	0.010729
SOI UN Equity	SOLARIS OILFIELD INFRAST-A	0.00031115
SONG UR Equity	AKAZOO SA	0.00013236
SPSC UW Equity	SPS COMMERCE INC	0.0032732
SSD UN Equity	SIMPSON MANUFACTURING CO INC	0.0036009
ST UN Equity	SENSATA TECHNOLOGIES HOLDING PLC	0.0080354
STAG UN Equity	STAG INDUSTRIAL INC	0.00083164
STL UN Equity	STERLING BANCORP/DE	0.0024005
STLD UW Equity	STEEL DYNAMICS INC	0.01981
STMP UW Equity	STAMPS.COM INC	0.0011125
STOR UN Equity	STORE CAPITAL CORP	0.0019072
SUPN UQ Equity	SUPERNUS PHARMACEUTICALS INC	0.0028445
SYNH UW Equity	SYNEOS HEALTH INC	0.013882
TCBI UW Equity	TEXAS CAPITAL BANCSHARES INC	0.0016719
TCF UW Equity	TCF FINANCIAL CORP	0.0038139
TNET UN Equity	TRINET GROUP INC	0.0037436



TOL UN Equity	TOLL BROTHERS INC	0.0044483
TPIC UQ Equity	TPI COMPOSITES INC	0.00060518
TREE UW Equity	LENDINGTREE INC	0.0026795
TREX UN Equity	TREX CO INC	0.0049648
TRNO UN Equity	TERRENO REALTY CORP	0.00077837
TSC UW Equity	TRISTATE CAPITAL HOLDINGS INC	0.00041327
TTC UN Equity	TORO CO	0.0082811
TTD UQ Equity	TRADE DESK INC/THE -CLASS A	0.016082
TXRH UW Equity	TEXAS ROADHOUSE INC	0.0030279
TYL UN Equity	TYLER TECHNOLOGIES INC	0.018715
UBER UN Equity	UBER TECHNOLOGIES INC	0.029515
UFPI UW Equity	UNIVERSAL FOREST PRODUCTS INC	0.0029749
UI UN Equity	UBIQUITI INC	0.021401
USNA UN Equity	USANA HEALTH SCIENCES INC	0.0061389
UVE UN Equity	UNIVERSAL INSURANCE HOLDINGS	0.00054427
VBTX UQ Equity	VERITEX HOLDINGS INC	0.00078028
VIRT UW Equity	VIRTU FINANCIAL INC	0.001151
WAL UN Equity	WESTERN ALLIANCE BANCORP	0.0031682
WD UN Equity	WALKER & DUNLOP INC	0.0011635
WGO UN Equity	WINNEBAGO INDUSTRIES INC	0.0012462
WH UN Equity	WYNDHAM HOTELS & RESORTS INC	0.0042017
WHD UN Equity	CACTUS INC	0.0012071
WING UW Equity	WINGSTOP INC	0.0018288
WLK UN Equity	WESTLAKE CHEMICAL CORP	0.023172
WWE UN Equity	WORLD WRESTLING ENTERTAINMENT-A	0.0014484
XPEL UR Equity	XPEL INC	0.00033288



ZAGG UW Equity	ZAGG INC	0.00018018
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