



## 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, 2016. The following weights are computed as of December 07, 2016:

AAON UW Equity	AAON INC	0.0032468
ABAX UW Equity	ABAXIS INC	0.0029731
ABMD UW Equity	ABIOMED INC	0.012559
ABTX UQ Equity	ALLEGIANCE BANCSHARES INC	0.00028497
ACIA UW Equity	ACACIA COMMUNICATIONS INC	0.0057065
ACOR UW Equity	ACORDA THERAPEUTICS INC	0.0023462
AEL UN Equity	AMERICAN EQUITY INVESTMENT LIFE HOLDING CO	0.0013341
AFH UR Equity	ATLAS FINANCIAL HOLDINGS INC	0.00014875
AFSI UW Equity	AMTRUST FINANCIAL SERVICES INC	0.0032766
AGX UN Equity	ARGAN INC	0.0019846
AIRM UW Equity	AIR METHODS CORP	0.0029489
AKRX UW Equity	AKORN INC	0.0056665
AL UN Equity	AIR LEASE CORP	0.0070726
ALGN UW Equity	ALIGN TECHNOLOGY INC	0.01941
ALGT UW Equity	ALLEGIANT TRAVEL CO	0.005235
ALRM UW Equity	ALARM.COM HOLDINGS INC	0.0027412
AMBA UW Equity	AMBARELLA INC	0.0039116
AMCX UW Equity	AMC NETWORKS INC.-A	0.0043319
ANET UN Equity	ARISTA NETWORKS INC	0.014436
ANIK UW Equity	ANIKA THERAPEUTICS INC	0.0017315
ARA UN Equity	AMERICAN RENAL ASSOCIATES HO	0.0018233
ARI UN Equity	APOLLO COMMERCIAL REAL ESTAT	0.001024
ATRO UW Equity	ASTRONICS CORP	0.0021334



AZZ UN Equity	AZZ INC	0.0033087
BANC UN Equity	BANC OF CALIFORNIA INC	0.00056099
BATS UP Equity	BATS GLOBAL MARKETS INC	0.0022815
BBSI UW Equity	BARRETT BUSINESS SVCS INC	0.00081488
BCPC UW Equity	BALCHEM CORP	0.010308
BGSF UA Equity	BG STAFFING INC	0.0002406
BJRI UW Equity	BJS RESTAURANTS INC	0.0012798
BLBD UQ Equity	BLUE BIRD CORP	0.00069984
BOFI UW Equity	BOFI HOLDING INC	0.0012018
BR UN Equity	BROADRIDGE FINL SOLUTIONS I COM	0.016382
BSET UW Equity	BASSETT FURNITURE INDUSTRIES INC	0.00046516
BSTC UQ Equity	BIOSPECIFICS TECHNOLOGIES	0.00087759
BUFF UW Equity	BLUE BUFFALO PET PRODUCTS IN	0.0081359
BURL UN Equity	BURLINGTON STORES INC	0.0088452
BWFG UQ Equity	BANKWELL FINANCIAL GROUP INC	0.00016375
BWLD UW Equity	BUFFALO WILD WINGS INC	0.0044669
CACC UW Equity	CREDIT ACCEPTANCE CORP	0.0029201
CALM UW Equity	CAL-MAINE FOODS INC	0.0029388
CBM UN Equity	CAMBREX CORP	0.0040016
CBOE UW Equity	CBOE HOLDINGS INC	0.0043719
CBRL UW Equity	CRACKER BARREL OLD COUNTRY STORE INC	0.0057293
CCF UA Equity	CHASE CORP	0.0029909
CHDN UW Equity	CHURCHILL DOWNS INC	0.0036707
CHMI UN Equity	CHERRY HILL MORTGAGE INVESTMENT CORP	0.00010033
CHSP UN Equity	CHESAPEAKE LODGING TRUST	0.00098914
CHUY UW Equity	CHUYS HOLDINGS INC	0.00080471



CLDT UN Equity	CHATHAM LODGING TRUST	0.0005185
CLFD UQ Equity	CLEARFIELD INC	0.00059057
CMD UN Equity	CANTEL MEDICAL CORP	0.0086693
CMT UA Equity	CORE MOLDING TECHNOLOGIES INC	0.0005017
CNOB UW Equity	CONNECTONE BANCORP INC	0.00054811
COLL UW Equity	COLLEGIUM PHARMACEUTICAL INC	0.0011604
COR UN Equity	CORESITE REALTY CORP	0.0016141
CPRT UW Equity	COPART INC	0.012054
CQH UA Equity	CHENIERE ENERGY PARTNERS LP HOLDINGS LLC	0.0052783
CRI UN Equity	CARTERS INC	0.0065358
CSWI UW Equity	CSW INDUSTRIALS INC	0.0011399
CUBN UR Equity	COMMERCE UNION BANCSHARES IN	0.00011279
CUNB UR Equity	CU BANCORP	0.00038488
DHIL UW Equity	DIAMOND HILL INVESTMENT GRP	0.00051661
DHT UN Equity	DHT HOLDINGS INC	0.00034979
DKS UN Equity	DICKS SPORTING GOODS INC	0.0077935
DORM UW Equity	DORMAN PRODUCTS INC	0.003797
DPLO UN Equity	DIPLOMAT PHARMACY INC	0.0022209
DRQ UN Equity	DRIL-QUIP INC	0.0023896
DY UN Equity	DYCOM INDUSTRIES INC	0.0045441
EBIX UW Equity	EBIX INC	0.0040998
EEFT UW Equity	EURONET WORLDWIDE INC	0.0080988
EGBN UR Equity	EAGLE BANCORP INC	0.001488
EGOV UW Equity	NIC INC	0.0034655
ELLI UN Equity	ELLIE MAE INC	0.0059728
ENTL UQ Equity	ENTELLUS MEDICAL INC	0.00090428



EPAM UN Equity	EPAM SYSTEMS INC	0.0067004
EPM UA Equity	EVOLUTION PETROLEUM CORP	0.00032156
ESNT UN Equity	ESSENT GROUP LTD	0.0021759
EVBG UQ Equity	EVERBRIDGE INC	0.00094286
EVH UN Equity	EVOLENT HEALTH INC	0.0022248
EXLS UW Equity	EXLSERVICE HOLDINGS INC	0.003379
EXP UN Equity	EAGLE MATERIALS INC	0.018855
FBIZ UW Equity	FIRST BUSINESS FINANCIAL SER	0.00014261
FBK UN Equity	FB FINANCIAL CORP	0.00041162
FDS UN Equity	FACTSET RESEARCH SYSTEMS INC	0.004729
FFWM UQ Equity	FIRST FOUNDATION INC	0.00034825
FHB UW Equity	FIRST HAWAIIAN INC	0.0033881
FIT UN Equity	FITBIT INC - A	0.0028486
FIVE UW Equity	FIVE BELOW INC	0.0034248
FLWS UW Equity	1-800-FLOWERS.COM INC-CL A	0.00053521
FNHC UQ Equity	FEDERATED NATIONAL HOLDING C	0.00018052
FOXF UW Equity	FOX FACTORY HOLDING CORP	0.0013881
FRAN UW Equity	FRANCESCAS HOLDINGS CORP	0.0011559
FRGI UW Equity	FIESTA RESTAURANT GROUP	0.0011364
FSB UN Equity	FRANKLIN FINANCIAL NETWORK INC	0.00036382
G UN Equity	GENPACT LTD	0.010177
GBX UN Equity	GREENBRIER COMPANIES INC	0.0022317
GCO UN Equity	GENESCO INC	0.0020819
GIII UW Equity	G-III APPAREL GROUP LTD	0.0020208
GKOS UN Equity	GLAUKOS CORP	0.0028535
GLOB UN Equity	GLOBANT SA	0.002355



GMED UN Equity	GLOBUS MEDICAL INC	0.0042129
GNC UN Equity	GNC HOLDINGS CL.A	0.0013611
GNTX UW Equity	GENTEX CORP	0.0079952
GRUB UN Equity	GRUBHUB INC	0.0067165
GTT UN Equity	GTT COMMUNICATIONS INC	0.0021492
HA UW Equity	HAWAIIAN HOLDINGS INC	0.00545
HABT UQ Equity	HABIT RESTAURANTS INC/THE	0.0004532
HAWK UW Equity	BLACKHAWK NETWORK HOLDINGS INC	0.0044095
HCI UN Equity	HCI GROUP INC	0.00025054
HCSG UW Equity	HEALTHCARE SERVICES GROUP	0.0054004
HEI UN Equity	HEICO CORP	0.0094309
HF UN Equity	HFF INC-CLASS A	0.00075775
HIBB UW Equity	HIBBETT SPORTS INC	0.0013211
HMST UW Equity	HOMESTREET INC	0.00054427
HOMB UW Equity	HOME BANCSHARES INC	0.0027673
HRTG UN Equity	HERITAGE INSURANCE HOLDINGS INC	0.00034799
HTH UN Equity	HILLTOP HOLDINGS INC	0.0020663
HXL UN Equity	HEXCEL	0.0094934
HY UN Equity	HYSTER-YALE MATERIALS HANDLING INC	0.0015791
IBP UN Equity	INSTALLED BUILDING PRODUCTS INC	0.0018738
IBTX UW Equity	INDEPENDENT BANK GROUP INC	0.00083664
ICLR UW Equity	ICON PLC	0.010535
INCR UW Equity	INC RESEARCH HOLDINGS INC	0.0065937
INGN UW Equity	INOGEN INC	0.003265
INN UN Equity	SUMMIT HOTEL PROPERTIES INC	0.00086752
INOV UW Equity	INOVALON HOLDINGS INC	0.0023005



INSY UQ Equity	INSYS THERAPEUTICS INC	0.001906
IPGP UW Equity	IPG PHOTONICS CORP	0.010952
IT UN Equity	GARTNER INC	0.017979
JBLU UW Equity	JETBLUE AIRWAYS CORP	0.013337
JBSS UW Equity	JOHN B. SANFILIPPO & SON INC	0.00098894
JCOM UW Equity	J2 GLOBAL INC	0.0079104
JKHY UW Equity	JACK HENRY & ASSOCIATES INC	0.014612
JLL UN Equity	JONES LANG LASALLE INC	0.003048
KCG UN Equity	KCG HOLDINGS INC	0.00086302
KE UW Equity	KIMBALL ELECTRONICS INC	0.0010191
KNSL UW Equity	KINSALE CAPITAL GROUP INC	0.00045038
KS UN Equity	KAPSTONE PAPER AND PACKAGING CORP	0.0081937
LAD UN Equity	LITHIA MOTORS INC-CL A	0.0033114
LCI UN Equity	LANNETT CO INC	0.0021352
LGIH UW Equity	LGI HOMES INC	0.00097059
LGND UQ Equity	LIGAND PHARMACEUTICALS INC	0.0053098
LIND UR Equity	LINDBLAD EXPEDITIONS HOLDINGS	0.00064941
LION UW Equity	FIDELITY SOUTHERN CORP	0.0004319
LMNX UW Equity	LUMINEX CORP	0.0020704
LOB UW Equity	LIVE OAK BANCSHARES INC	0.00036652
LOPE UW Equity	GRAND CANYON EDUCATION INC	0.0040481
LXFT UN Equity	LUXOFT HOLDING INC	0.0038096
MANH UW Equity	MANHATTAN ASSOCIATES INC	0.0078252
MBUU UQ Equity	MALIBU BOATS INC	0.0004744
MC UN Equity	MOELIS & CO	0.0004423
MCFT UQ Equity	MCBC HOLDINGS INC	0.00037532



MD UN Equity	MEDNAX	0.015433
MDXG UR Equity	MIMEDX GROUP INC	0.0024924
MIDD UW Equity	MIDDLEBY CORP	0.01541
MKTX UW Equity	MARKETAXESS HOLDINGS INC	0.0044201
MLAB UW Equity	MESA LABORATORIES INC	0.0010204
MMI UN Equity	MARCUS & MILLICHAP INC	0.00070428
MMS UN Equity	MAXIMUS INC	0.007428
MOH UN Equity	MOLINA HEALTHCARE INC	0.0075588
MORN UW Equity	MORNINGSTAR INC	0.0023132
MSCI UN Equity	MSCI INC	0.0054624
NATH UW Equity	NATHANS FAMOUS INC	0.00036175
NEOG UW Equity	NEOGEN CORP	0.0060056
NEWM UN Equity	NEW MEDIA INVESTMENT GROUP INC	0.0011923
NGVC UN Equity	NATURAL GROCERS BY VITAMIN COTTAGE INC	0.00043665
NHTC UR Equity	NATURAL HEALTH TRENDS CORP	0.00045533
NRCIA UW Equity	NATIONAL RESEARCH CORP-A	0.0013037
NRZ UN Equity	NEW RESIDENTIAL INVESTMENT CORP	0.0028978
NSAM UN Equity	NORTHSTAR ASSET MANAGEMENT CORP INC	0.0020455
NSR UN Equity	NEUSTAR INC CLASS A	0.0031875
NVEE UR Equity	NV5 GLOBAL INC	0.00070825
NWHM UN Equity	NEW HOME CO INC/THE	0.00036033
ODFL UW Equity	OLD DOMINION FREIGHT LINE	0.01413
ORM UA Equity	OWENS REALTY MORTGAGE INC	0.00013096
OZRK UW Equity	BANK OF THE OZARKS INC	0.0043957
PAHC UQ Equity	PHIBRO ANIMAL HEALTH CORP	0.0012571
PATK UW Equity	PATRICK INDUSTRIES INC	0.0020765



PAYC UN Equity	PAYCOM SOFTWARE INC	0.0058989
PDLI UW Equity	PDL BIOPHARMA INC	0.00085457
PEB UN Equity	PEBBLEBROOK HOTEL TRUST	0.0014494
PEGA UW Equity	PEGASYSTEMS INC	0.0057489
PII UN Equity	POLARIS INDUSTRIES INC	0.0078936
PLAY UW Equity	DAVE & BUSTERS ENTERTAINMENT INC	0.003414
PLKI UW Equity	POPEYES LOUISIANA KITCHEN INC	0.0018203
PMTS UW Equity	CPI CARD GROUP INC	0.0004236
PNRA UW Equity	PANERA BREAD CO	0.0067126
POOL UW Equity	POOL CORP	0.0061709
PRAA UW Equity	PRA GROUP INC	0.0012356
PRLB UN Equity	PROTO LABS INC	0.0026093
PRXL UW Equity	PAREXEL INTERNATIONAL CORP	0.0084451
PSMT UW Equity	PRICESMART INC	0.0046222
PUB UR Equity	PEOPLES UTAH BANCORP	0.00032019
PZZA UW Equity	PAPA JOHNS INTERNATIONAL INC	0.0046503
QLYS UW Equity	QUALYS INC	0.0024896
REIS UW Equity	REIS INC	0.00052953
RICK UQ Equity	RCI HOSPITALITY HOLDINGS INC	0.00019349
ROIC UW Equity	RETAIL OPPORTUNITY INVESTMENTS CORP	0.0015103
ROL UN Equity	ROLLINS INC	0.013746
RPD UQ Equity	RAPID7 INC	0.0011812
RPXC UW Equity	RPX CORP.	0.0010065
RRGB UW Equity	RED ROBIN GOURMET BURGERS	0.00096296
RSPP UN Equity	RSP PERMIAN INC	0.0055895
SAM UN Equity	BOSTON BEER COMPANY INC-A	0.0026858





SAVE UW Equity	SPIRIT AIRLINES INC.	0.007665
SBNY UW Equity	SIGNATURE BANK	0.0059481
SFBS UW Equity	SERVISFIRST BANCSHARES INC	0.0013882
SFM UW Equity	SPROUTS FARMERS MARKET INC	0.00487
SGBK UW Equity	STONEGATE BANK	0.0004216
SGC UQ Equity	SUPERIOR UNIFORM GROUP INC	0.00040711
SHOO UW Equity	STEVEN MADDEN	0.0033275
SIG UN Equity	SIGNET JEWELERS LTD	0.0094425
SLP UR Equity	SIMULATIONS PLUS INC	0.00038905
SNC UW Equity	STATE NATIONAL COS INC	0.00040674
SNI UW Equity	SCRIPPS NETWORKS INTERACTIVE	0.0097878
SNX UN Equity	SYNNEX CORP	0.010394
SPR UN Equity	SPIRIT AEROSYSTEMS HOLDINGS INC	0.013877
SPWH UW Equity	SPORTSMANS WAREHOUSE HOLDINGS INC	0.00056775
SUI UN Equity	SUN COMMUNITIES INC	0.0035065
SWHC UW Equity	SMITH & WESSON HOLDING CORP	0.0016465
SYNT UW Equity	SYNTEL INC	0.0035816
TASR UW Equity	TASER INTERNATIONAL INC	0.0027079
TBK UW Equity	TRIUMPH BANCORP INC	0.000283
TCBK UW Equity	TRICO BANCSHARES	0.00053608
THRM UW Equity	GENTHERM INC	0.0017243
TMH UN Equity	TEAM HEALTH HOLDINGS INC	0.0078453
TMHC UN Equity	TAYLOR MORRISON HOME CORP-A	0.00089931
TNET UN Equity	TRINET GROUP INC	0.0033305
TNGO UW Equity	TANGOE INC	0.0006619
TPIC UQ Equity	TPI COMPOSITES INC	0.00096448



TREX UN Equity	TREX CO INC	0.0037055
TTD UQ Equity	TRADE DESK INC/THE -CLASS A	0.00031095
TXRH UW Equity	TEXAS ROADHOUSE INC	0.0049279
TYL UN Equity	TYLER TECHNOLOGIES INC	0.011368
UBNT UW Equity	UBIQUITI NETWORKS INC	0.0098407
UEIC UW Equity	UNIVERSAL ELECTRONICS INC	0.001362
UHAL UW Equity	AMERCO	0.013611
UIHC UR Equity	UNITED INSURANCE HOLDINGS CORP	0.00021371
ULTI UW Equity	ULTIMATE SOFTWARE GROUP INC	0.011929
UMPQ UW Equity	UMPQUA HOLDINGS CORP	0.0029877
USNA UN Equity	USANA HEALTH SCIENCES INC	0.0024115
UTHR UW Equity	UNITED THERAPEUTICS CORP	0.013844
UVE UN Equity	UNIVERSAL INSURANCE HOLDINGS	0.00064587
VA UW Equity	VIRGIN AMERICA INC	0.0047954
VDSI UR Equity	VASCO DATA SECURITY INTL	0.0011865
VEEV UN Equity	VEEVA SYSTEMS INC	0.010831
VMW UN Equity	VMWARE INC-CLASS A	0.019023
VSM UN Equity	VERSUM MATERIALS INC	0.0061311
VSTO UN Equity	VISTA OUTDOOR INC	0.0033073
WAGE UN Equity	WAGeworks INC	0.0050688
WAL UN Equity	WESTERN ALLIANCE BANCORP	0.0037155
WETF UW Equity	WISDOMTREE INVESTMENTS INC	0.0012164
WFBI UR Equity	WASHINGTONFIRST BANKSHARE	0.00021625
WHG UN Equity	WESTWOOD HOLDINGS GROUP INC	0.00039377
WINA UQ Equity	WINMARK CORP	0.00072203
WING UW Equity	WINGSTOP INC	0.0013272



WSO UN Equity	WATSCO INC	0.010518
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