**Vanguard**

VOX VCR VDC VIG VWOB VDE VSGX VCEB ESGV EDV VXF VFH VEU VSS VEA VWO VGK VPL VNQI VUG VHT VYM VIS VGT BIV VCIT VGIT VIGI VYMI VV BLV VCLT VGLT VAW MGC MGK MGV VO VOT VOE VMBS VNQ VONE VONG VONV VTWO VTWG VTWV VTHR VOO VOOG VOOV IVOO IVOG IVOV VIOO VIOG VIOV BSV VCSH VTIP VGSH VB VBK VBR VTEB BND VTC BNDX VXUS VTI BNDW VT VFLQ VFMV VFMO VFMF VFQY VFVA VUSB VPU VTV

**Invesco**

BKLN DBA DBB DBC DBE DGL DBO DBP DBS PDBC FXA FXB FXC FXE FXY FXF DBV UDN UUP BLKC SATO PBP PHDG PSP PSR KBWY PSMB PSMC PSMG PSMM CVY ADRE CQQQ PIZ PIE IDLB PXF PDN PXH PGJ PIN IPKW IMFL PID GBLD PBDM PBEE ISDX ISEM EELV EEMO IDHD IDLV IDMO IDHQ PPA PYZ PEZ PSL PXI PFI PTH PRN PTF PUI PBE PKB PXE PBJ PEJ PBS PXQ PXJ PJP PSI PSJ PBD PIO KBWB KBWP KBWR CUT ERTH PNQI IBBQ SOXQ EWCO RCD RHS RYE RYF RYH RGI RTM EWRE RYT RYU CGW PSCD PSCC PSCE PSCF PSCH PSCI PSCT PSCM PSCU TAN PHO PBW PKW PCEF PDP DWAS DEF PFM DJD PWB PWV PWC QQMG QQJG RSPE PRF PRFZ PGF IVDG PEY KBWD QQQM QQQJ PGX PBUS PBSM QQQ IUS IUSS RYJ IVRA USEQ EQAL USLB OMFL OMFS EQWL SPGP SPMV QVML RWL SPVM SPVU RSP SPHB SPHD SPLV SPMO RPG RPV SPHQ XLG XRLV QVMM RWK EWMC RFG RFV XMLV XMMO XMHQ XMVM QVMS RWJ EWSC RZG RZV XSHD XSLV XSMO XSHQ XSVM CSD RDIV IVSG IVLC VRP CZA BSBE BSCE BSDE PCY PGHY IHYF PICB PLW BSCM BSJM BSMM BSCN BSJN BSMN BSCO BSJO BSMO BSCP BSJP BSMP BSCQ BSJQ BSMQ BSCR BSJR BSMR BSCS BSJS BSMS BSCT BSJT BSMT BSCU BSMU BSCV BSMV PWZ PHB PFIG IIGD IIGV PZA PZT PBTP PBND BAB GTO CLTL GSY PVI VRIG

**BlackRock**

IGLB ILTB QLTA STIP IGSB SHY TLH TLT IEI IEF AGG USIG IGIB GVI MBB SHV TIP GOVT ICF XSB IDV DVY IYT ITA IYM IAI IYK IYC IYE IYF IYG IHF IYH ITB IYY IYJ IAK IHI IEO IEZ IHE IYR IAT IYW IYZ IDU DVYE EMHY LEMB FLOT FXI IEUS IFGL REM USRT REZ IAU HDV HYG LQD EMB ACWX ACWI AAXJ ACWV EPU EWA EWO EWK EWZ EWZS BKF EWC ECH MCHI ECNS EDEN EFG EFA EFAV SCZ EFV EEMA EEM EEMV EZU EUFN EFNL EWQ FM EWG RING PICK SLVP EWH INDA EIDO EIRL EIS EWI EWJ SCJ DSI EWM EWW EWN ENZL ENOR EPP EPHE EPOL ERUS EWS EZA EWY EWP EWD EWL EWT THD TUR EWU SUSA EUSA USMV URTH IBB SOXX IWF IWB IWD IWO IWM IWN IWV IUSV IWC OEF ITOT IVW IVV IVE AIA AOK EMIF IEV IOO ICLN RXI KXI IXC IXG IXJ EXI IGF MXI IXN IXP WOOD GSG INDY ILF IJK IJH IJJ AOM IGV IJT IJR IJS PFF IGOV JPXN XIU SLV IXUS IEFA IEMG EMMV MVEU MVOL SPMV EXS1 SIZE IBCX MTUM VLUE ISAG IDTP IBTS IDTM INXG IGEA IEML IBGS IBCIL IGIL IUAG IGLO EXXU IUSK IGSU EXHB EUE SX7EEX IDVY EXSG ISF IDFX IDWP IDUP IGLS IGLT IDIN CRPS HYLD ILCTRAC IEMB CETETRC M10TRAC M5TRAC UDITRAC LQDE IHYU IHYG CORPTRC EMCR IQQF ISAC IAUS IEMA IMEU EUNK IEUX IJPA IPOL IRSAN IDTW IDTK IWRD IWDA NAFTRAC IUSA IAUP IOGP INRG WOOD1 IH2O IDP6 EXSA SXNPEX TDXPEX CUSS SXRJ CBU3 SXRT CIND SXRY CCAU CEMA SXR7 CJPU CSKR CSMXCP CPXJ CSRU CSUK CSUS CNDX CSPX CBU7 CBU0 ICOL QUAL LQDH IJPD SLQD SHYG ERND SDIG SDHY IGLN HEFA HEWG HEWJ TFLO IEUR IPAC DGRO CEMG EIMI IVVPESO HEEM HEZU MEXMTUM MEXRISK IS3U IWVL IWMO IWQU IWSZ IQLT KSA FIBR CEMT CEMR CEMQ IEVL IDTL IBDN IBDO IBDP IBDQ XT EMGF ACWF INTF LRGF CNYA CNYAU EMUU IBC0 IFSU IKSA IUES IUHC IUIT IUFS IUCD SDG SUAS IMBS ESGE ESGD SUSM HEAL DGTL AGED RBOT IBDR IUSZ IUVL IUMO IUQA SUJP ESGU OMXS IUCS IUMS IUIS IUUS ICOM IMBA JPEA SDIA LQDA IUAA IBTA IHYA IGEB HYDB SUSC SUSB CRPU IBDS SUWS ISFD IGLA HYLA BTEC1 HYGU AGGU IFRA FLOA WSML ESML WIAU SPEH ITEH CRPA DPYA DTLA NDIA EMCA IGAA EMGA LOCK SDHA ERNA GAAA HLQD OPEN 4BRZ FRMXNX EMBMXX IHYMXX SDMXX IBTMXX IUCM EMSALN EAGG BGRN SASU SLMC SLMAU SAEM SAJP SAWD ECAR IB01 IDRV IDAT IHAK EDMU EDMW EDMJ EDM2 IB1MXX ICGA IDNA CEUU SGLU DHYA CYBU CITY CSPXX IJPAX CEUX IMEAX LDEM SUOA ESGMEX MVEA MVEW WQDA CYBA SGOV UMDV IAEA IEGMX IGLMX IBGMX LQDMX LQMHX SDHMX EXCH XVV IWFH IDSE ERNMX IMMXX I37MX IDTXX DTMXX SUSEMX LQDB EMPA SEMI ITWAX EUEMX AGGE TI5MX FXAC DHYMX SUOMX