

Janus Henderson Balanced Fund
13-Mar-2023

Description	% Portfolio
Microsoft Corp	4.67%
Apple Inc	3.16%
Mastercard Inc	2.13%
UnitedHealth Group Inc	2.05%
Alphabet Inc	2.03%
Progressive Corp	1.58%
United Parcel Service Inc	1.49%
United States Treasury Note/Bond 4 11/15/2052	1.44%
United States Treasury Note/Bond 3.875 02/15/2043	1.40%
United States Treasury Note/Bond 4 11/15/2042	1.40%
AbbVie Inc	1.31%
Deere & Co	1.31%
McDonald's Corp	1.26%
JPMorgan Chase & Co	1.24%
NVIDIA Corp	1.21%
Lam Research Corp	1.21%
Merck & Co Inc	1.16%
Eli Lilly & Co	1.15%
Comcast Corp	1.12%
American Express Co	1.09%
NIKE Inc	1.08%
Thermo Fisher Scientific Inc	1.07%
United States Treasury Note/Bond 3.5 02/15/2033	1.05%
Morgan Stanley	1.03%
Dollar General Corp	1.00%
Accenture PLC	0.99%
Bank of America Corp	0.99%
Hilton Worldwide Holdings Inc	0.96%
United States Treasury Note/Bond .875 06/30/2026	0.95%
Home Depot Inc	0.95%
ConocoPhillips	0.93%
Monster Beverage Corp	0.93%
Procter & Gamble Co	0.91%
Starbucks Corp	0.89%
Abbott Laboratories	0.83%
Walt Disney Co	0.82%
Texas Instruments Inc	0.81%
TJX Cos Inc	0.81%
Honeywell International Inc	0.77%
General Dynamics Corp	0.76%
United States Treasury Note/Bond 3.5 01/31/2028	0.75%
Amazon.com Inc	0.74%
CME Group Inc	0.71%
Ginnie Mae II Pool 2.5 03/21/2023	0.68%
Sysco Corp	0.67%
Booking Holdings Inc	0.66%
Costco Wholesale Corp	0.65%

Corteva Inc	0.60%
Ginnie Mae II Pool 3.5 03/21/2023	0.60%
Fannie Mae Pool 3 12/01/2051	0.59%
Hershey Co	0.59%
Cash and Equivalents	0.56%
TE Connectivity Ltd	0.55%
Chevron Corp	0.55%
Goldman Sachs Group Inc	0.52%
Zoetis Inc	0.51%
Stryker Corp	0.49%
Freddie Mac Pool 4.5 08/01/2052	0.49%
Trane Technologies plc	0.48%
US TREASURY N/B 4 02/28/2030	0.48%
United States Treasury Note/Bond 4 02/29/2028	0.48%
United States Treasury Note/Bond 1.125 08/31/2028	0.46%
United States Treasury Note/Bond 4 02/15/2026	0.42%
Parker-Hannifin Corp	0.41%
L3Harris Technologies Inc	0.41%
KLA Corp	0.41%
Advanced Micro Devices Inc	0.40%
Constellation Brands Inc	0.40%
Rockwell Automation Inc	0.37%
United States Treasury Note/Bond 3.875 12/31/2027	0.35%
Charles Schwab Corp	0.34%
Automatic Data Processing Inc	0.33%
Sherwin-Williams Co	0.32%
Fannie Mae or Freddie Mac 3 04/17/2023	0.31%
Fannie Mae Pool 3.5 03/01/2052	0.30%
Fannie Mae Pool 2.5 03/01/2052	0.29%
Fannie Mae or Freddie Mac 4 04/17/2023	0.28%
Fannie Mae Pool 2.5 02/01/2052	0.27%
Freddie Mac Pool 3.5 07/01/2052	0.27%
Cadence Design Systems Inc	0.26%
Ginnie Mae II Pool 3 03/21/2023	0.26%
Medtronic PLC	0.25%
CBRE Group Inc	0.25%
Fannie Mae Pool 4 10/01/2051	0.25%
Edwards Lifesciences Corp	0.25%
Union Pacific Corp	0.25%
Fannie Mae Pool 4 03/01/2051	0.24%
Fannie Mae or Freddie Mac 5 04/13/2023	0.23%
Centene Corp 4.25 12/15/2027	0.23%
Fannie Mae Pool 2.5 08/01/2050	0.23%
Ginnie Mae II Pool 3 08/20/2051	0.22%
CF Hippolyta Issuer LLC 6.11 08/15/2062	0.21%
Cisco Systems Inc	0.21%
Ginnie Mae II Pool 4 03/21/2023	0.20%
Fannie Mae Pool 3.5 06/01/2052	0.20%
United States Treasury Note/Bond 4.125 01/31/2025	0.20%

Cummins Inc	0.20%
Freddie Mac Pool 5.5 11/01/2052	0.19%
Bank of Montreal 3.088 01/10/2037	0.19%
Fannie Mae Pool 3.5 07/01/2052	0.19%
JPMorgan Chase & Co 5.717 09/14/2033	0.18%
Fannie Mae Pool 3 02/01/2047	0.18%
Fannie Mae Pool 5.5 09/01/2052	0.17%
OBX 2022-INV1 Trust 3 12/25/2051	0.17%
Goldman Sachs Group Inc 3.5 04/01/2025	0.17%
Fannie Mae Pool 3 04/01/2052	0.17%
Fannie Mae or Freddie Mac 5.5 04/13/2023	0.17%
Hasbro Inc	0.17%
BX Trust 2021-LBA 5.388 02/15/2036	0.16%
Life 2022-BMR Mortgage Trust 5.85771 05/15/2039	0.16%
GCAT 2022-INV1 Trust 3 12/25/2051	0.16%
Trimble Inc 6.1 03/15/2033	0.16%
Fannie Mae or Freddie Mac 2.5 04/17/2023	0.15%
American Tower Trust #1 5.49 03/15/2028	0.15%
Citigroup Inc 3.887 01/10/2028	0.15%
Fannie Mae Pool 4 03/01/2050	0.15%
BPR Trust 2022-OANA 6.46047 04/15/2037	0.14%
Morgan Stanley 2.943 01/21/2033	0.14%
PNC Financial Services Group Inc 5.068 01/24/2034	0.14%
Fannie Mae Pool 3.5 12/01/2049	0.14%
Freddie Mac Pool 5 10/01/2052	0.14%
Hasbro Inc 3.9 11/19/2029	0.14%
Cooperatieve Rabobank UA 5.564 02/28/2029	0.14%
Nordea Bank Abp 5.375 09/22/2027	0.14%
Bank of America Corp 6.204 11/10/2028	0.14%
PNC Financial Services Group Inc 6.037 10/28/2033	0.14%
Fannie Mae Connecticut Avenue Securities 6.48413 11/25/2041	0.14%
Bank of America Corp 4.376 04/27/2028	0.14%
JPMorgan Chase & Co 2.963 01/25/2033	0.13%
Fannie Mae or Freddie Mac 3 04/13/2023	0.13%
Fannie Mae Pool 4.5 08/01/2052	0.13%
Leidos Inc 5.75 03/15/2033	0.13%
Amgen Inc 5.25 03/02/2033	0.13%
Sumitomo Mitsui Financial Group Inc 5.71 01/13/2030	0.13%
Flagstar Mortgage Trust 2021-13INV 3 12/30/2051	0.13%
GE HealthCare Technologies Inc 5.857 03/15/2030	0.13%
Madison Park Funding XXXV Ltd 5.79771 04/20/2032	0.12%
Fannie Mae Pool 3.5 04/01/2052	0.12%
Bayview MSR Opportunity Master Fund Trust 2021-INV2 3 12/25/2051	0.12%
MHC Commercial Mortgage Trust 2021-MHC 5.388962 04/15/2038	0.12%
Santander Drive Auto Receivables Trust 2020-3 1.64 11/16/2026	0.12%
Credit Suisse Mortgage Capital Certificates 2019-ICE4 5.568 05/15/2036	0.12%
Athene Global Funding 2.646 10/04/2031	0.12%
SOUND POINT CLO XXII LTD 5.88771 01/20/2032	0.12%
Life 2021-BMR Mortgage Trust 5.288 03/15/2038	0.11%

Mitsubishi UFJ Financial Group Inc 5.017 07/20/2028	0.11%
Morgan Stanley 2.484 09/16/2036	0.11%
Morgan Stanley 2.239 07/21/2032	0.11%
HSBC Holdings PLC 6.254 03/09/2034	0.11%
Fannie Mae Pool 3.5 07/01/2048	0.11%
Mello Mortgage Capital Acceptance 2022-INV1 3 03/25/2052	0.11%
Cold Storage Trust 2020-ICE5 5.48786 11/15/2037	0.11%
PRPM 2022-2 LLC 5 03/25/2027	0.11%
GE HealthCare Technologies Inc 5.905 11/22/2032	0.11%
Citigroup Inc 4.412 03/31/2031	0.11%
National Australia Bank Ltd 2.99 05/21/2031	0.10%
GE HealthCare Technologies Inc 5.65 11/15/2027	0.10%
Morgan Stanley 2.188 04/28/2026	0.10%
Ginnie Mae II Pool 4.5 03/21/2023	0.10%
Prudential Financial Inc 3.7 10/01/2050	0.10%
Freddie Mac STACR REMIC Trust 2021-HQA1 6.73413 08/25/2033	0.10%
Microchip Technology Inc 2.67 09/01/2023	0.10%
BNP Paribas SA 5.125 01/13/2029	0.10%
Venture Global Calcasieu Pass LLC 6.25 01/15/2030	0.10%
Barings CLO Ltd 2019-III 5.87771 04/20/2031	0.10%
Freddie Mac Pool 3.5 06/01/2052	0.10%
Ginnie Mae II Pool 3 07/20/2051	0.10%
PRPM 2021-10 LLC 2.487 10/25/2026	0.10%
Connecticut Avenue Securities Trust 2022-R03 6.58413 03/25/2042	0.10%
MSCI Inc 3.625 09/01/2030	0.10%
American Electric Power Co Inc 5.625 03/01/2033	0.10%
Bank of America Corp 2.087 06/14/2029	0.10%
Bank of America Corp 2.592 04/29/2031	0.10%
Freddie Mac STACR REMIC Trust 2021-HQA4 5.43413 12/25/2041	0.10%
Fannie Mae Pool 4 09/01/2050	0.10%
Connecticut Avenue Securities Trust 2022-R09 6.99249 09/25/2042	0.09%
Cedar Funding XI Clo Ltd 6.00343 05/29/2032	0.09%
Bank of America Corp 6.25 03/05/2199	0.09%
CF Hippolyta Issuer LLC 5.97 08/15/2062	0.09%
Kinder Morgan Inc 5.2 06/01/2033	0.09%
Upstart Securitization Trust 2022-2 4.37 05/20/2032	0.09%
Fannie Mae Pool 4 10/01/2050	0.09%
Fannie Mae Pool 4.5 11/01/2052	0.09%
Med Trust 2021-MDLN 7.738 11/15/2038	0.09%
BX Commercial Mortgage Trust 2019-XL 5.59695 10/15/2036	0.09%
Credit Suisse AG/New York NY 7.5 02/15/2028	0.09%
Commonwealth Bank of Australia 3.784 03/14/2032	0.09%
Global Payments Inc 5.3 08/15/2029	0.09%
Freddie Mac Pool 4.5 09/01/2050	0.09%
CIFC Funding 2021-IV Ltd 5.84243 07/15/2033	0.09%
Credit Suisse AG/New York NY 7.95 01/09/2025	0.09%
JP Morgan Chase Commercial Mortgage Securities Trust 2020-ACE 3.2865 01/10/2037	0.09%
LAD Auto Receivables Trust 2022-1 5.21 06/15/2027	0.09%
Elevance Health Inc 4.75 02/15/2033	0.08%

Trimble Inc 4.75 12/01/2024	0.08%
Great Wolf Trust 2019-WOLF 5.71048 12/15/2036	0.08%
MSCI Inc 3.875 02/15/2031	0.08%
Athene Global Funding 2.717 01/07/2029	0.08%
Ginnie Mae II Pool 5 03/21/2023	0.08%
JPMorgan Chase & Co 2.956 05/13/2031	0.08%
BX Commercial Mortgage Trust 2021-VINO 5.24033 05/15/2038	0.08%
EQT Corp 5.678 10/01/2025	0.08%
Broadcom Inc 3.137 11/15/2035	0.08%
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc 5.5 01/15/2030	0.08%
BX Trust 2022-FOX2 5.31167 04/15/2039	0.08%
Fiserv Inc 5.45 03/02/2028	0.08%
Amgen Inc 5.15 03/02/2028	0.08%
Sun Communities Operating LP 2.7 07/15/2031	0.08%
JPMorgan Chase & Co 4.565 06/14/2030	0.08%
Regal Rexnord Corp 6.05 04/15/2028	0.08%
Fannie Mae Pool 4.5 07/01/2050	0.07%
OWL Rock Core Income Corp 7.75 09/16/2027	0.07%
Exelon Corp 5.3 03/15/2033	0.07%
CBAM 2019-11R Ltd 5.42257 01/20/2035	0.07%
Brown & Brown Inc 4.95 03/17/2052	0.07%
PRPM 2021-9 LLC 2.363 10/25/2026	0.07%
American Express Co 4.989 05/26/2033	0.07%
Vantage Data Centers Issuer LLC 1.645 09/15/2045	0.07%
BX Commercial Mortgage Trust 2021-VOLT 6.23787 09/15/2036	0.07%
Freddie Mac Structured Agency Credit Risk Debt Notes 7.08413 11/25/2050	0.07%
Mitsubishi UFJ Financial Group Inc 4.788 07/18/2025	0.07%
Broadcom Inc 3.469 04/15/2034	0.07%
TSMC Arizona Corp 3.875 04/22/2027	0.07%
Westpac Banking Corp 2.668 11/15/2035	0.07%
Lendbuzz Securitization Trust 2022-1 4.22 05/17/2027	0.07%
Duke Energy Corp 4.3 03/15/2028	0.07%
BX Commercial Mortgage Trust 2021-VOLT 5.53787 09/15/2036	0.07%
Freddie Mac Pool 5 08/01/2052	0.07%
Fannie Mae Pool 5 11/01/2052	0.07%
Morgan Stanley 1.794 02/13/2032	0.07%
US Bancorp 2.491 11/03/2036	0.07%
MHC Commercial Mortgage Trust 2021-MHC 5.938962 04/15/2038	0.07%
Centene Corp 3 10/15/2030	0.07%
Air Lease Corp 1.875 08/15/2026	0.07%
Freddie Mac Pool 2.5 06/01/2051	0.07%
Diamond Infrastructure Funding LLC 1.76 04/15/2049	0.07%
TPI RE-REMIC Trust 2022-FRR1 0 07/25/2046	0.07%
Deutsche Bank AG/New York NY 7.079 02/10/2034	0.07%
Morgan Stanley 5.123 02/01/2029	0.07%
Freddie Mac Pool 4 09/01/2052	0.07%
Mercury Financial Credit Card Master Trust 8.04 09/20/2027	0.07%
Energy Transfer LP 5.75 02/15/2033	0.07%
Energy Transfer LP 5.55 02/15/2028	0.07%

Ares Capital Corp 2.875 06/15/2027	0.07%
Upstart Securitization Trust 2022-1 3.12 03/20/2032	0.07%
Life 2021-BMR Mortgage Trust 5.688 03/15/2038	0.07%
Oceanview Mortgage Trust 2022-INV1 3 12/25/2051	0.07%
Centene Corp 2.45 07/15/2028	0.06%
Marvell Technology Inc 4.875 06/22/2028	0.06%
Freddie Mac STACR REMIC Trust 2022-DNA5 7.43413 06/25/2042	0.06%
Freddie Mac STACR REMIC Trust 2020-DNA6 6.48413 12/25/2050	0.06%
Bayview MSR Opportunity Master Fund Trust 2021-INV5 5 11/25/2051	0.06%
Morgan Stanley 4.35 09/08/2026	0.06%
Albertsons Cos Inc / Safeway Inc / New Albertsons LP / Albertsons LLC 6.5 02/15/2028	0.06%
Fannie Mae Pool 5 09/01/2052	0.06%
Fannie Mae Pool 5.5 11/01/2052	0.06%
Fannie Mae Pool 4 11/01/2049	0.06%
CF Hippolyta Issuer LLC 1.53 03/15/2061	0.06%
Amgen Inc 5.25 03/02/2030	0.06%
Chase Mortgage Finance Corp 5.68413 02/25/2050	0.06%
Global Payments Inc 2.9 11/15/2031	0.06%
Duquesne Light Holdings Inc 2.775 01/07/2032	0.06%
Fannie Mae Pool 3.5 05/01/2052	0.06%
Freddie Mac Pool 2.5 11/01/2051	0.06%
Fannie Mae Pool 3.5 02/01/2051	0.06%
Freddie Mac Pool 4.5 10/01/2052	0.06%
Fannie Mae Pool 4.5 10/01/2050	0.06%
GXO Logistics Inc 1.65 07/15/2026	0.06%
Mello Mortgage Capital Acceptance 2021-INV3 5 10/25/2051	0.06%
JP Morgan Chase Commercial Mortgage Securities Trust 2020-ACE 3.6401 01/10/2037	0.06%
Freddie Mac Pool 3.5 04/01/2052	0.06%
Fannie Mae Pool 4 01/01/2048	0.06%
Santander Bank Auto Credit-Linked Notes Series 2022-A 5.281 05/15/2032	0.06%
CSL Finance PLC 4.05 04/27/2029	0.06%
UWM Mortgage Trust 2021-INV1 5 08/25/2051	0.06%
Fannie Mae Pool 3 03/01/2052	0.05%
Fannie Mae Pool 2.5 01/01/2052	0.05%
Westlake Automobile Receivables Trust 2020-1 2.8 06/16/2025	0.05%
CSMC 2021-WEHO 8.5573 04/15/2023	0.05%
Illumina Inc 5.8 12/12/2025	0.05%
Freddie Mac STACR REMIC Trust 2021-DNA7 5.33413 11/25/2041	0.05%
Connecticut Avenue Securities Trust 2022-R02 7.48413 01/25/2042	0.05%
Marvell Technology Inc 1.65 04/15/2026	0.05%
Bank of America Corp 3.705 04/24/2028	0.05%
Fannie Mae Pool 5 01/01/2053	0.05%
Oak Street Investment Grade Net Lease Fund Series 2020-1 1.85 11/20/2050	0.05%
Enbridge Inc 5.7 03/08/2033	0.05%
Global Payments Inc 4.8 04/01/2026	0.05%
Mitsubishi UFJ Financial Group Inc 5.441 02/22/2034	0.05%
Affirm Asset Securitization Trust 2021-B 1.03 08/17/2026	0.05%
Ginnie Mae I Pool 4.5 08/15/2046	0.05%
BNP Paribas SA 2.591 01/20/2028	0.05%

280 Park Avenue 2017-280P Mortgage Trust 5.461 09/15/2034	0.05%
Fannie Mae Pool 4.5 01/01/2050	0.05%
Trimble Inc 4.9 06/15/2028	0.05%
Bank of America Corp 3.97 03/05/2029	0.05%
Fannie Mae Pool 3 09/01/2049	0.05%
Fiserv Inc 5.6 03/02/2033	0.05%
Freddie Mac Pool 2.5 12/01/2033	0.05%
CIFC Funding 2018-III Ltd 5.89471 07/18/2031	0.05%
Cold Storage Trust 2020-ICE5 6.23786 11/15/2037	0.05%
Micron Technology Inc 6.75 11/01/2029	0.05%
SMRT 2022-MINI 5.563 01/15/2039	0.05%
Cold Storage Trust 2020-ICE5 5.88786 11/15/2037	0.05%
Exeter Automobile Receivables Trust 2021-2 1.08 11/16/2026	0.05%
Freddie Mac Pool 3 05/01/2031	0.05%
Freddie Mac Pool 3.5 08/01/2052	0.05%
Rocket Mortgage LLC / Rocket Mortgage Co-Issuer Inc 2.875 10/15/2026	0.05%
Freddie Mac Pool 4 06/01/2050	0.05%
Diageo Capital PLC 1.375 09/29/2025	0.05%
Southwestern Energy Co 4.75 02/01/2032	0.05%
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc 3 05/15/2032	0.05%
Exelon Corp 5.15 03/15/2028	0.05%
Mello Mortgage Capital Acceptance 2021-INV2 5 08/25/2051	0.05%
GSK Consumer Healthcare Capital US LLC 3.375 03/24/2027	0.05%
UnitedHealth Group Inc 5.25 02/15/2028	0.05%
Connecticut Avenue Securities Trust 2022-R05 6.38413 04/25/2042	0.05%
Morgan Stanley 1.593 05/04/2027	0.05%
Freddie Mac Structured Agency Credit Risk Debt Notes 6.78413 08/25/2033	0.05%
Hess Midstream Operations LP 5.125 06/15/2028	0.05%
Connecticut Avenue Securities Trust 2021-R03 6.13413 12/25/2041	0.05%
Fannie Mae Pool 3.5 05/01/2049	0.05%
Fannie Mae Pool 3.5 08/01/2052	0.05%
CoStar Group Inc 2.8 07/15/2030	0.04%
Fannie Mae Pool 3.5 08/01/2056	0.04%
VMC Finance 2021-HT1 LLC 6.24129 01/18/2037	0.04%
Freddie Mac Pool 5.5 09/01/2052	0.04%
Global Payments Inc 2.15 01/15/2027	0.04%
Freddie Mac Pool 3.5 12/01/2044	0.04%
AerCap Ireland Capital DAC / AerCap Global Aviation Trust 4.625 10/15/2027	0.04%
Analog Devices Inc 2.95 04/01/2025	0.04%
Rocket Mortgage LLC / Rocket Mortgage Co-Issuer Inc 3.875 03/01/2031	0.04%
Vantage Data Centers LLC 1.992 09/15/2045	0.04%
Agree LP 2 06/15/2028	0.04%
Freddie Mac STACR REMIC Trust 2022-HQA1 6.58413 03/25/2042	0.04%
Fannie Mae Pool 3 02/01/2057	0.04%
Connecticut Avenue Securities Trust 2023-R01 6.89249 12/25/2042	0.04%
Sumitomo Mitsui Financial Group Inc 5.766 01/13/2033	0.04%
Ginnie Mae I Pool 4 01/15/2045	0.04%
HCA Inc 3.625 03/15/2032	0.04%
Connecticut Avenue Securities Trust 2022-R04 6.48413 03/25/2042	0.04%

UBS Group AG 5.959 01/12/2034	0.04%
Fannie Mae REMICS 3 11/25/2049	0.04%
Royalty Pharma PLC 3.55 09/02/2050	0.04%
Fannie Mae Pool 4.5 12/01/2052	0.04%
GLP Capital LP / GLP Financing II Inc 5.375 04/15/2026	0.04%
HCA Inc 5.625 09/01/2028	0.04%
Broadcom Inc 2.6 02/15/2033	0.04%
Ginnie Mae II Pool 4 06/20/2048	0.04%
RCKT Mortgage Trust 2021-3 5 07/25/2051	0.04%
TPI RE-REMIC Trust 2022-FRR1 0 08/25/2046	0.04%
Diageo Capital PLC 2 04/29/2030	0.04%
PRPM 2020-4 LLC 2.951 10/25/2025	0.04%
Fannie Mae Pool 5 10/01/2052	0.04%
NRZ Excess Spread-Collateralized Notes 3.104 07/25/2026	0.04%
Connecticut Avenue Securities Trust 2022-R05 7.48413 04/25/2042	0.04%
Global Payments Inc 5.4 08/15/2032	0.04%
Extended Stay America Trust 2021-ESH 5.668 07/15/2038	0.04%
Citigroup Inc 5.35 11/15/2199	0.04%
Hasbro Inc 5.1 05/15/2044	0.04%
Lendbuzz Securitization Trust 2023-1 6.92 08/15/2028	0.04%
Fox Corp 4.03 01/25/2024	0.04%
Barings CLO Ltd 2018-III 5.75771 07/20/2029	0.04%
Amgen Inc 5.65 03/02/2053	0.04%
Tesla Auto Lease Trust 2021-B .6 09/22/2025	0.04%
Elmwood CLO II Ltd 5.95771 04/20/2034	0.04%
Exeter Automobile Receivables Trust 2019-1 5.2 01/15/2026	0.04%
CP EF Asset Securitization I LLC 5.96 04/15/2030	0.04%
Workday Inc 3.5 04/01/2027	0.04%
Charles Schwab Corp 4 03/01/2199	0.04%
OBX 2021-INV3 Trust 2.5 10/25/2051	0.04%
VASA Trust 2021-VASA 5.488 07/15/2039	0.04%
Fannie Mae Pool 4 04/01/2052	0.04%
EQT Corp 5.7 04/01/2028	0.04%
Citigroup Inc 5.95 11/15/2199	0.04%
Fannie Mae Pool 4.5 07/01/2052	0.03%
Equinix Inc 2.15 07/15/2030	0.03%
BBCMS Trust 2015-SRCH 4.197 08/10/2035	0.03%
Freddie Mac Pool 4.5 03/01/2050	0.03%
CIM Trust 2021-NR1 2.569 07/25/2055	0.03%
Pagaya AI Debt Trust 2022-1 2.03 10/15/2029	0.03%
JBS USA LUX SA / JBS USA Food Co / JBS USA Finance Inc 3.625 01/15/2032	0.03%
Fannie Mae Pool 4 06/01/2052	0.03%
BBCMS 2017-DELC Mortgage Trust 5.56286 08/15/2036	0.03%
THL Credit Wind River 2019-1 CLO Ltd 5.96771 07/20/2034	0.03%
New Economy Assets Phase 1 Sponsor LLC 2.41 10/20/2061	0.03%
Freddie Mac Structured Agency Credit Risk Debt Notes 7.13413 07/25/2042	0.03%
Fannie Mae REMICS 3 05/25/2048	0.03%
Barings CLO Ltd 2020-IV 6.02771 01/20/2032	0.03%
General Dynamics Corp 3.5 04/01/2027	0.03%

Hasbro Inc 6.35 03/15/2040	0.03%
Connecticut Avenue Securities Trust 2022-R06 7.23413 05/25/2042	0.03%
Dryden 83 CLO Ltd 6.01471 01/18/2032	0.03%
Bank of America Corp 5.2 12/01/2199	0.03%
Fannie Mae Pool 3.5 02/01/2052	0.03%
HCA Inc 5.875 02/01/2029	0.03%
Foursight Capital Automobile Receivables Trust 2021-1 .87 01/15/2026	0.03%
Mello Mortgage Capital Acceptance 2021-INV4 2.5 12/25/2051	0.03%
BX Trust 2019-OC11 3.856 12/09/2041	0.03%
JPMorgan Chase & Co 5 02/01/2199	0.03%
LCM XXIV Ltd 5.78771 03/20/2030	0.03%
Agree LP 2.6 06/15/2033	0.03%
JPMorgan Chase & Co 4.6 08/01/2199	0.03%
Morgan Stanley 5.05 01/28/2027	0.03%
Freddie Mac Pool 4 12/01/2048	0.03%
Fannie Mae Pool 5.5 10/01/2052	0.03%
Freddie Mac Pool 4 08/01/2052	0.03%
Freddie Mac Pool 4 03/01/2050	0.03%
Freddie Mac STACR REMIC Trust 2022-HQA3 6.78413 08/25/2042	0.03%
BX Commercial Mortgage Trust 2019-XL 5.75695 10/15/2036	0.03%
CBAM 2019-11R Ltd 5.99257 01/20/2035	0.03%
Theorem Funding Trust 2021-1 1.21 12/15/2027	0.03%
State Street Corp 4.821 01/26/2034	0.03%
Agree LP 2.9 10/01/2030	0.03%
Freddie Mac Pool 3 03/01/2043	0.03%
Freddie Mac Pool 2.5 01/01/2052	0.03%
CSL Finance PLC 3.85 04/27/2027	0.03%
Life 2022-BMR Mortgage Trust 6.35638 05/15/2039	0.03%
ACC Auto Trust 2022-A 4.58 07/15/2026	0.03%
Arivo Acceptance Auto Loan Receivables Trust 2022-1 3.93 05/15/2028	0.03%
JPMorgan Chase Bank NA - CACLN .889 12/26/2028	0.03%
Freddie Mac Pool 3.5 12/01/2047	0.03%
Fannie Mae Pool 4 11/01/2048	0.03%
Brown & Brown Inc 4.2 03/17/2032	0.03%
Freddie Mac Pool 4 07/01/2052	0.03%
Libra Solutions 2022-2 LLC 6.85 10/15/2034	0.03%
Connecticut Avenue Securities Trust 2022-R08 7.03413 07/25/2042	0.03%
Regatta XXIII Funding Ltd 6.50771 01/20/2035	0.03%
Aimco CLO 11 Ltd 5.92243 10/17/2034	0.03%
Freddie Mac Pool 3 02/01/2052	0.03%
Wells Fargo Commercial Mortgage Trust 2021-SAVE 5.738 02/15/2040	0.03%
Freddie Mac Pool 2.5 02/01/2052	0.02%
Morgan Stanley 5.948 01/19/2038	0.02%
LL ABS Trust 2022-2 6.63 05/15/2030	0.02%
Credit Suisse Mortgage Capital Certificates 2019-ICE4 6.018 05/15/2036	0.02%
ARES LX CLO LTD 5.91471 07/18/2034	0.02%
Libra Solutions 2022-1 LLC 4.75 05/15/2034	0.02%
CIFC Funding 2021-VII Ltd 6.41529 01/23/2035	0.02%
UWM Mortgage Trust 2021-INV4 2.5 12/25/2051	0.02%

LAD Auto Receivables Trust 2021-1 1.3 08/17/2026	0.02%
Mitsubishi UFJ Financial Group Inc 5.475 02/22/2031	0.02%
US Bancorp 4.967 07/22/2033	0.02%
HPS Loan Management 2021-16 Ltd 6.51529 01/23/2035	0.02%
GSK Consumer Healthcare Capital US LLC 3.375 03/24/2029	0.02%
Fannie Mae Pool 4.5 02/01/2046	0.02%
Fannie Mae Pool 4 07/01/2048	0.02%
Santander Bank Auto Credit-Linked Notes Series 2022-B 5.587 08/16/2032	0.02%
Fannie Mae Pool 4.5 04/01/2052	0.02%
CF Hippolyta Issuer LLC 1.98 03/15/2061	0.02%
Great Wolf Trust 2019-WOLF 6.30948 12/15/2036	0.02%
Aqua Finance Trust 2021-A 1.54 07/17/2046	0.02%
Freddie Mac STACR REMIC Trust 2022-DNA2 5.78413 02/25/2042	0.02%
Fannie Mae Pool 3 03/01/2047	0.02%
Westgate Resorts 2022-1 LLC 1.788 08/20/2036	0.02%
Freddie Mac Stacr Remic Trust 2020-HQA2 7.717 03/25/2050	0.02%
Freddie Mac STACR REMIC Trust 2022-DNA3 6.48413 04/25/2042	0.02%
Fannie Mae Pool 4.5 06/01/2048	0.02%
Fannie Mae Pool 3 08/01/2049	0.02%
Upstart Securitization Trust 2021-4 .84 09/20/2031	0.02%
Freddie Mac Pool 4.5 07/01/2049	0.02%
Freddie Mac Pool 4 04/01/2048	0.02%
Fannie Mae Pool 4.5 03/01/2045	0.02%
FREED ABS Trust 2022-3FP 4.5 08/20/2029	0.02%
Great Wolf Trust 2019-WOLF 6.01048 12/15/2036	0.02%
Freddie Mac Pool 2.5 11/01/2034	0.02%
Fannie Mae Connecticut Avenue Securities 8.917 02/25/2025	0.02%
HCA Inc 5.875 02/15/2026	0.02%
Tesla Auto Lease Trust 2021-B .91 09/22/2025	0.02%
Fannie Mae Pool 4 10/01/2047	0.02%
Freddie Mac Pool 3 10/01/2034	0.02%
Truist Financial Corp 4.873 01/26/2029	0.02%
Freddie Mac Pool 4 05/01/2048	0.02%
BXP Trust 2017-GM 3.379 06/13/2039	0.02%
Freddie Mac STACR REMIC Trust 2022-DNA6 6.63413 09/25/2042	0.02%
Ginnie Mae II Pool 5 08/20/2048	0.02%
NRZ Excess Spread-Collateralized Notes Series 2020-PLS1 3.844 12/25/2025	0.02%
Freddie Mac Pool 3 03/01/2052	0.02%
Freddie Mac Pool 3.5 09/01/2047	0.02%
BX Trust 2019-OC11 3.605 12/09/2041	0.02%
Freddie Mac Pool 6 04/01/2040	0.02%
Fannie Mae Connecticut Avenue Securities 9.617 07/25/2025	0.01%
Leidos Inc 2.3 02/15/2031	0.01%
Freddie Mac Pool 4.5 08/01/2049	0.01%
Upstart Securitization Trust 2021-5 1.31 11/20/2031	0.01%
HCA Inc 5.375 09/01/2026	0.01%
Santander Bank NA - SBCLN 1.833 12/15/2031	0.01%
BX Commercial Mortgage Trust 2020-VKNG 5.60695 10/15/2037	0.01%
Carvana Auto Receivables Trust 2021-P4 .82 04/10/2025	0.01%

Fannie Mae Pool 3 02/01/2048	0.01%
Angel Oak Mortgage Trust 2020-3 2.41 04/25/2065	0.01%
Fannie Mae Pool 4.5 10/01/2044	0.01%
Freddie Mac Pool 4.5 01/01/2050	0.01%
Fannie Mae Pool 3.5 07/01/2046	0.01%
Fannie Mae Pool 5 05/01/2048	0.01%
Fannie Mae Pool 3.5 01/01/2052	0.01%
JPMorgan Chase Bank NA - CACLN .875 09/25/2028	0.01%
Fannie Mae Pool 4 03/01/2048	0.01%
Fannie Mae Pool 4 07/01/2052	0.01%
VCAT 2021-NPL1 LLC 2.2891 12/26/2050	0.01%
OWL Rock Core Income Corp 4.7 02/08/2027	0.01%
Fannie Mae Pool 3.5 01/01/2048	0.01%
Freddie Mac Pool 3 01/01/2045	0.01%
Ginnie Mae II Pool 4.5 05/20/2048	0.01%
Freddie Mac Pool 3 09/01/2032	0.01%
Freddie Mac Pool 4 03/01/2048	0.01%
Fannie Mae Pool 2.5 03/01/2050	0.01%
SREIT Trust 2021-MFP 5.31866 11/15/2038	0.01%
Fannie Mae Pool 4.5 06/01/2045	0.01%
Freddie Mac Pool 3 12/01/2049	0.01%
Freddie Mac Pool 4.5 12/01/2048	0.01%
Freddie Mac Pool 3.5 02/01/2048	0.01%
Fannie Mae Pool 4 10/01/2048	0.01%
Sequoia Mortgage Trust 2013-5 2.5 05/25/2043	0.01%
Citigroup Inc 6.3 11/15/2199	0.01%
Ginnie Mae I Pool 4 07/15/2047	0.01%
Freddie Mac Pool 4 10/01/2050	0.01%
Fannie Mae Pool 4.5 05/01/2052	0.01%
Freddie Mac Pool 2.5 09/01/2050	0.01%
Freddie Mac Pool 3.5 07/01/2046	0.01%
Fannie Mae Pool 3.5 08/01/2047	0.01%
GXO Logistics Inc 2.65 07/15/2031	0.01%
Freddie Mac Pool 3.5 02/01/2044	0.01%
Tricolor Auto Securitization Trust 2022-1 3.3 02/18/2025	0.01%
Freddie Mac Pool 3 01/01/2033	0.01%
Ginnie Mae II Pool 4 08/20/2047	0.01%
Consumer Loan Underlying Bond CLUB Credit Trust 2019-P2 4.41 10/15/2026	0.01%
AT&T Inc 3.65 09/15/2059	0.01%
Angel Oak Mortgage Trust 2019-5 2.593 10/25/2049	0.01%
Freddie Mac Pool 2.5 08/01/2050	0.01%
MSCI Inc 4 11/15/2029	0.01%
Fannie Mae Pool 3 05/01/2043	0.01%
Fannie Mae Pool 4 02/01/2049	0.01%
Freddie Mac Pool 3.5 02/01/2043	0.01%
New Residential Mortgage Loan Trust 2018-2 4.5 02/25/2058	0.01%
Fannie Mae Pool 3.5 12/01/2045	0.01%
Ginnie Mae II Pool 4.5 02/20/2048	0.01%
Connecticut Avenue Securities Trust 2018-R07 7.017 04/25/2031	0.01%

Angel Oak Mortgage Trust 2019-6 2.62 11/25/2059	0.01%
Freddie Mac Pool 3 10/01/2032	0.01%
Fannie Mae Pool 3 10/01/2034	0.01%
GLP Capital LP / GLP Financing II Inc 5.3 01/15/2029	0.01%
Fannie Mae Pool 4.5 11/01/2042	0.01%
Freddie Mac Pool 3.5 08/01/2042	0.01%
Freddie Mac Pool 3 04/01/2047	0.00%
Fannie Mae Pool 3.5 03/01/2047	0.00%
COLT 2020-3 Mortgage Loan Trust 1.506 04/27/2065	0.00%
Mondelez International Inc 2.75 04/13/2030	0.00%
Freddie Mac Pool 3 08/01/2049	0.00%
Freddie Mac Pool 4 03/01/2047	0.00%
Fannie Mae Pool 3.5 07/01/2047	0.00%
Fannie Mae Pool 4 12/01/2048	0.00%
Freddie Mac Pool 4.5 05/01/2044	0.00%
Connecticut Avenue Securities Trust 2019-R07 6.717 10/25/2039	0.00%
Sequoia Mortgage Trust 2020-2 3.5 03/25/2050	0.00%
Freddie Mac Pool 2.5 03/01/2052	0.00%
Ginnie Mae I Pool 4 12/15/2047	0.00%
Fannie Mae Pool 2.5 11/01/2034	0.00%
Fannie Mae Pool 4 06/01/2049	0.00%
Freddie Mac Pool 3 12/01/2032	0.00%
FREED ABS Trust 2019-2 4.86 11/18/2026	0.00%
Consumer Loan Underlying Bond CLUB Credit Trust 2020-P1 4.61 03/15/2028	0.00%
Freddie Mac Gold Pool 3.5 01/01/2047	0.00%
Fannie Mae Connecticut Avenue Securities 9.517 11/25/2024	0.00%
Fannie Mae Pool 3.5 12/01/2047	0.00%
Spruce Hill Mortgage Loan Trust 2020-SH1 2.624 01/28/2050	0.00%
Energy Transfer LP 4.95 06/15/2028	0.00%
Fannie Mae Pool 3 01/01/2043	0.00%
Freddie Mac Pool 4.5 07/01/2048	0.00%
Connecticut Avenue Securities Trust 2019-R03 6.767 09/25/2031	0.00%
Fannie Mae Pool 4.5 08/01/2049	0.00%
Freddie Mac Pool 3.5 03/01/2050	0.00%
Freddie Mac Pool 3.5 07/01/2042	0.00%
Freddie Mac Pool 4 11/01/2048	0.00%
Fannie Mae Pool 3 12/01/2034	0.00%
Fannie Mae Pool 3 11/01/2034	0.00%
ACM Auto Trust 2022-1 3.23 04/20/2029	0.00%
Freddie Mac Pool 3 01/01/2046	0.00%
Freddie Mac Pool 3.5 04/01/2047	0.00%
Freddie Mac Pool 4.5 06/01/2049	0.00%
Fannie Mae Pool 3.5 03/01/2048	0.00%
Fannie Mae Pool 4.5 06/01/2049	0.00%
Connecticut Avenue Securities Trust 2019-R02 6.917 08/25/2031	0.00%
Ginnie Mae I Pool 4 11/15/2047	0.00%
Freddie Mac STACR Trust 2019-DNA4 6.567 10/25/2049	0.00%
Freddie Mac Pool 4.5 03/01/2052	0.00%
COLT 2020-2 Mortgage Loan Trust 1.853 03/25/2065	0.00%

Ginnie Mae I Pool 4 08/15/2047	0.00%
Fannie Mae Pool 3 01/01/2046	0.00%
Fannie Mae Pool 6 02/01/2037	0.00%
Freddie Mac Pool 3 06/01/2043	0.00%
Fannie Mae Pool 3 06/01/2057	0.00%
Fannie Mae Pool 3 02/01/2043	0.00%
Fannie Mae Pool 5 07/01/2044	0.00%
Spruce Hill Mortgage Loan Trust 2020-SH1 2.521 01/28/2050	0.00%
Fannie Mae Pool 4.5 03/01/2048	0.00%
Freddie Mac Pool 5 09/01/2048	0.00%
Freddie Mac Pool 4.5 03/01/2048	0.00%
Fannie Mae or Freddie Mac 3.5 04/13/2023	0.00%
Fannie Mae Pool 4.5 08/01/2048	0.00%
Ginnie Mae I Pool 6 01/15/2034	0.00%
Fannie Mae Pool 7.5 07/01/2028	0.00%
Freddie Mac Pool 4 04/01/2045	0.00%
Buy Protection CDX-NAIGS39V1-05Y	0.00%
CBOT 10 Year US Treasury Note JUN 23	0.00%
CBOT 2 Year US Treasury Note Future JUN 23	0.00%
CBOT 5 Year US Treasury Note JUN 23	0.00%
Ultra 10-Year US Treasury Note Futures JUN 23	0.00%
Ultra U.S. Treasury Bond Futures JUN 23	0.00%

Janus Henderson publishes this listing of securities held as of the most recently available disclosure period, which varies depending on the portfolio. Any portion of holdings may be excluded from publication when deemed in the best interest of the portfolio.

Securities are reported at market value.

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