

Managed Asset Portfolios, LLC Verification and MAP Global Balanced Composite Performance Examination Report

December 31, 2022





Verification and Performance Examination Report

Mr. Michael S. Dzialo, President
Managed Asset Portfolios, LLC

We have verified whether Managed Asset Portfolios, LLC (the “Firm”) has, for the periods from April 1, 2017 through December 31, 2022, established policies and procedures for complying with the Global Investment Performance Standards (GIPS®) related to composite and pooled fund maintenance and the calculation, presentation, and distribution of performance that are designed in compliance with the GIPS standards, as well as whether these policies and procedures have been implemented on a firm-wide basis. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein. We have also examined the Firm’s MAP Global Balanced Composite for the periods from April 1, 2017 through December 31, 2022.

The Firm’s management is responsible for its claim of compliance with the GIPS standards, the design and implementation of its policies and procedures, and for the accompanying MAP Global Balanced Composite’s GIPS composite report. Our responsibilities are to be independent from the Firm and to express an opinion based on our verification and performance examination. We conducted this verification and performance examination in accordance with the required verification and performance examination procedures of the GIPS standards, which includes testing performed on a sample basis. We also conducted such other procedures as we considered necessary in the circumstances.

In our opinion, for the periods from April 1, 2017 through December 31, 2022, the Firm’s policies and procedures for complying with the GIPS standards related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been, in all material respects:

- Designed in compliance with the GIPS standards, and
- Implemented on a firm-wide basis.



A verification covering the periods from March 31, 2001 through March 31, 2017 was performed by another verification firm, whose report expressed an unqualified opinion thereon.

Also, in our opinion, the Firm has, in all material respects:

- Constructed the MAP Global Balanced Composite and calculated the MAP Global Balanced Composite's performance for the periods from April 1, 2017 through December 31, 2022 in compliance with the GIPS standards; and
- Prepared and presented the accompanying MAP Global Balanced Composite's GIPS composite report for the periods from April 1, 2017 through December 31, 2022 in compliance with the GIPS standards.

A performance examination of the Firm's MAP Global Balanced Composite covering the periods from July 31, 2001 through March 31, 2017 was performed by another verification firm, whose report expressed an unqualified opinion thereon.

This report does not relate to or provide assurance on any specific performance report of the Firm other than the Firm's accompanying MAP Global Balanced Composite's GIPS composite report, or on the operating effectiveness of the Firm's controls or policies and procedures for complying with the GIPS standards.

ACA Group

ACA Group, Performance Services Division

April 20, 2023

MAP GLOBAL BALANCED COMPOSITE

DATA AS OF DECEMBER 31, 2022



MANAGED ASSET PORTFOLIOS

INVESTMENT OBJECTIVE

Strategy Goal

Preservation of capital while generating current income and seeking long-term capital growth. Capital is allocated between fixed income and equity securities. Portfolios are constructed unconstrained by geography and market capitalization while being benchmark agnostic. Covered calls may be employed to enhance income stream.

Style – Value

Market Capitalization Allocation – Large, Mid and Small

Benchmark – Effective 01/01/2011, the composite's benchmark is 50% Merrill Lynch U.S. Corp A-AAA Rated 1-3 Yr. Total Return Index / 50% MSCI ACWI. Prior to 01/01/2011, the benchmark was 50% Merrill Lynch U.S. Corp A-AAA Rated 1-3 Yr. Total Return Index / 50% S&P 500.

Secondary Benchmark – 50% Merrill Lynch U.S. Corp A-AAA Rated 1-3 Yr. Total Return Index / 50% MSCI ACWI Value Index (50% S&P 500 prior to 01/01/2011).

Investable Equity Universe – Approximately 15,000 securities

Typical # of Equity Positions Held – 30 to 40 with equities ranging from 30% to 70% of the portfolio

Portfolio Construction Process – Bottom-up based on fundamentals

FIRM OVERVIEW

Managed Asset Portfolios (MAP) is a boutique, independent SEC-registered investment advisory firm founded in 2000 as a single-family investment office. We opened our doors to outside investors in 2001. Today, the firm manages over \$1 billion for individuals and institutions, as well as over \$120 million in model assets.

INVESTMENT PHILOSOPHY

MAP manages money guided by a strict value discipline and a focus on a margin of safety. The firm builds focused portfolios through a bottom-up process by investing in temporarily out-of-favor securities that show an attractive valuation compared to the company's net assets and earnings power and when there is a catalyst to unlock the intrinsic value of the company.

PORTFOLIO MANAGEMENT TEAM

Michael S. Dzialo

President and Portfolio Manager
pm@map-email.com

- President and Founder of MAP
- 35+ years of investment experience

Peter J. Swan

Portfolio Manager

- International Portfolio Manager at MAP
- 29+ years of investment experience

Karen M. Culver

Portfolio Manager

- Domestic Portfolio Manager at MAP
- 31+ years of investment experience

ANNUALIZED RETURNS AS OF DECEMBER 31, 2022

	Quarter	YTD	1 Year	3 Year	5 Year	7 Year	10 Year	SI 7/31/01
Gross Composite	8.44%	-6.06%	-6.06%	3.71%	4.53%	5.87%	6.15%	6.56%
Net ¹ Composite	8.19%	-6.99%	-6.99%	2.69%	3.50%	4.81%	5.10%	5.62%
Benchmark	5.61%	-10.62%	-10.62%	2.68%	3.88%	5.28%	5.15%	4.38%
Secondary Benchmark	7.79%	-4.86%	-4.86%	2.49%	3.14%	4.74%	4.50%	4.08%

ROLLING 36-MONTH RETURN ANALYSIS (JULY 31, 2004 – DECEMBER 31, 2022)²

	MAP Global Balanced Composite (Net)	50/50 MSCI ACWI / Merrill Lynch US Corp A-AAA 1-3 Yr.
Number of 36-Month Periods	222	222
Average 36-Month Annualized Return	6.41%	5.30%
Best 36-Month Annualized Return	12.92%	14.46%
Worst 36-Month Annualized Return	-0.78%	-6.29%
Standard Deviation of 36-Month Periods	3.32%	3.38%
Profitable Periods (%)	98.2%	89.64%
Average Profitable Period Return (Annualized)	6.54%	6.11%
Unprofitable Periods (%)	1.80%	10.36%
Average Unprofitable Period Return (Annualized)	-0.38%	-1.74%

EQUITY STATISTICS^{2,3}

Wtd. Market Cap (mil)	169,285
PE	12.12
Price to Sales	2.14
Price to Book	2.74
Dividend Yield	3.24%
Turnover (TTM)	35.32%

RISK STATISTICS^{2,3}

Beta vs. Current Benchmark ^{4,5}	0.80	0.80
Sharpe Ratio ^{4,5}	0.70	0.58
Sortino Ratio ^{4,5}	1.01	0.81
Alpha ^{4,5}	2.14%	1.25%
R2 vs. Current Benchmark ⁶	0.80	0.80
Upside Capture Ratio ⁶	96%	92%
Downside Capture Ratio ⁶	78%	81%

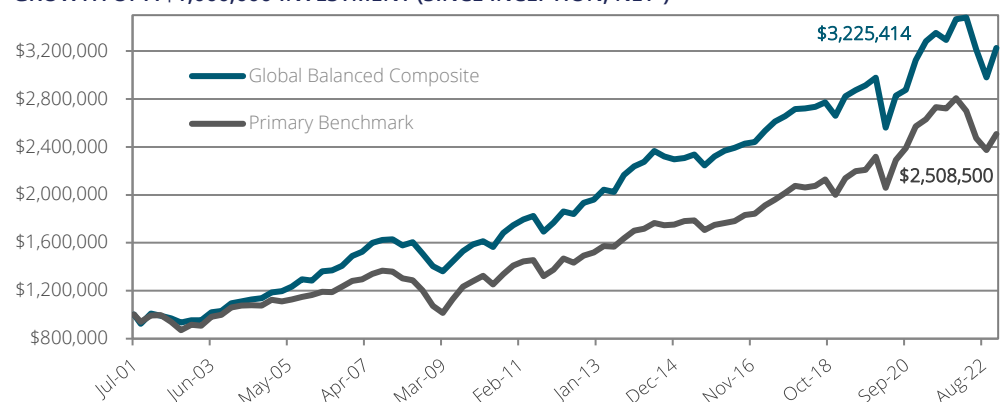
GROSS NET

0.80	0.80
0.70	0.58
1.01	0.81
2.14%	1.25%
0.80	0.80
96%	92%
78%	81%

FIXED INCOME AVERAGE^{2,3}

Yield to Maturity	3.35%
Average Duration	2.4
Maturity (yrs.)	1.84
S&P Rating	BBB

GROWTH OF A \$1,000,000 INVESTMENT (SINCE INCEPTION, NET¹)



¹ Results are presented net of actual fees until December 31, 2005; from January 1, 2006 through the present, net composite results are presented net of highest fee. Quarterly returns are not annualized. Lifetime benchmark performance is not examined. Investment advisory fees are described in MAP's Form ADV, Part 2A, Item 5. ²The information provided is supplemental and complements the MAP Global Balanced Composite GIPS® Report. Risk Statistics are presented gross and net of fees. ³Descriptive statistics derived from holdings based on the aggregate of individual portfolios in the composite. Holdings of individual client portfolios in the composite may differ, sometimes significantly, from those shown. ⁴Based on the annualized monthly returns of the aggregated holdings of all the client portfolios invested according to the Global Balanced strategy since inception. Only portfolios that were managed by Managed Asset Portfolios for an entire month are included in the performance calculation of that month. ⁵Statistics as generated by Morningstar Direct®. Morningstar uses the ICE B. of A. U.S. 3-Month Treasury Bill Total Return Index USD as the risk-free rate for the applicable risk statistic calculations. ©2023 Morningstar. All Rights Reserved. The information contained herein: (1) is proprietary to Morningstar and/or its content providers; (2) may not be copied or distributed; and (3) is not warranted to be accurate, complete or timely. Neither Morningstar nor its content providers are responsible for any damages or losses arising from any use of this information. ⁶Based on the cumulative performance for the primary Benchmark's (50% MSCI ACWI/50% Merrill Lynch U.S. Corporate A-AAA Rated 1-3 Years Total Return Index, rebalanced monthly) 160 positive months and 97 negative months between the August 1, 2001 and December 31, 2022 period.

All investments are subject to risk, including the loss of principal.

Past performance is no guarantee of future results.

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MAP GLOBAL BALANCED COMPOSITE

DATA AS OF DECEMBER 31, 2022



MANAGED ASSET PORTFOLIOS

SECTOR WEIGHTINGS *

Equity Sector	Composite ^{1,*}	MSCI ACWI
Communication Svcs.	11.0%	6.8%
Consumer Discr.	3.1%	10.4%
Consumer Staples	18.6%	7.8%
Energy	1.6%	5.6%
Financials	4.4%	15.2%
Health Care	20.2%	13.4%
Industrials	5.6%	10.2%
Information Tech.	16.6%	20.0%
Materials	11.5%	5.0%
Real Estate	0.0%	2.6%
Utilities	7.4%	3.2%

CREDIT BEAKDOWN *

AAA	0.0%
AA	27.2%
A	1.0%
BBB	20.1%
BB	30.9%
B	15.5%
Other	5.3%

ASSET ALLOCATION 1,*

Cash	1.9%
Fixed Income	34.3%
U.S. Equities	31.8%
Non-U.S. Equities	32.0%

TOP TEN HOLDINGS 1,*

Novartis AG-ADR	3.48%
Sanofi ADR	3.48%
Bunge LTD	3.42%
Cisco Systems Inc	3.15%
Imperial Brands PLC ADR	2.81%
Microsoft	2.80%
Johnson & Johnson	2.76%
Groupe Bruxelles Lambert SA	2.59%
National Fuel Gas Company	2.56%
Takeda Pharmaceutical Company Ltd.	2.29%

* The information provided is supplemental and complements the MAP Global Balanced Composite GIPS® report.

¹ Descriptive statistics derived from holdings based on the aggregate of individual client portfolios in the Composite. Holdings of individual client portfolios in the Composite may differ, sometimes significantly, from those shown. This information does not constitute, and should not be construed as, investment advice or recommendations with respect to the securities listed.

Definitions: **Yield to Maturity:** annualized rate of return an investor will receive if a debt instrument, such as a bond, is held to maturity. **Maturity:** date at which a debt instrument is due and payable. **Duration:** the approximate percentage change in price for a 100-basis point change in yield. A duration of 5 means that bond's price will change by 5% for a 100-basis point change in yield. Duration is valid only for small changes in yield. **S&P Rating:** evaluation of a company's credit history and ability to repay its obligations performed by S&P. An obligation rated BBB⁻ exhibits adequate protection parameters. However, adverse economic conditions or changing circumstances are more likely to lead to a weakened capacity of the obligor to meet its financial commitment on the obligation. **Market Capitalization:** total value of all the issued and outstanding common stock of a corporation. **Dividend Yield:** the annual percentage of return earned by an equity investor from the payment of dividends on common or preferred stock. **Price to Earnings Ratio (PE):** price of a stock divided by the trailing twelve months earnings per share. **Price to Sales Ratio:** price of a stock divided by the trailing twelve months sales per share. **Price to Book Ratio:** the ratio of market price of a company's shares (share price) over its book value of equity. **Turnover:** the volume of the composite's holdings that is sold and replaced with new securities annually, expressed as a percentage of the composite's total assets. **Beta:** measures the composite's covariance relative to its benchmark. **Sharpe Ratio:** the ratio of the return earned over the risk-free rate divided by the variability of the portfolio. It indicates the risk premium return earned per unit of total risk. **Sortino Ratio:** the excess return over the risk-free rate divided by the downside semi-variance. **Alpha:** measures how much of the rate of return on the composite is attributable to the manager's ability to derive above average returns adjusted for risk. **R2:** measures the strength of the linear relationship between the composite and its benchmark. **Upside Capture Ratio:** measures the manager's overall performance to the benchmark's overall performance, considering only quarters that are positive in the benchmark. An Upside Capture Ratio of more than 100% indicates a manager that is able to outperform the benchmark during up markets. **Downside Capture Ratio:** measures the manager's overall performance to the benchmark's overall performance, considering only quarters that are negative in the benchmark. A Downside Capture Ratio of less than 100% indicates a manager that is able to outperform the relative benchmark during down markets.

MAP GLOBAL BALANCED COMPOSITE GIPS® REPORT

Year End	Total Firm Assets (millions)	Composite Assets ¹			Annual Performance Results						3-Year Annualized EX-POST Standard Deviation		
		USD (millions)	% of Non-Fee-Paying ²	Number of Accounts	Composite		Benchmark	Secondary Benchmark	Composite Dispersion	Composite	Benchmark	Secondary Benchmark	
					Gross	Net							
2022	1,004	294	1%	559	-6.06%	-6.99%	-10.62%	-4.86%	0.74%	12.20%	10.70%	10.79%	
2021	1,114	330	1%	538	12.12%	11.01%	9.11%	9.80%	1.13%	9.77%	8.84%	9.62%	
2020	910	308	1%	506	5.90%	4.86%	10.99%	3.07%	1.23%	9.38%	9.46%	9.86%	
2019	892	303	1%	477	13.11%	11.99%	15.85%	13.20%	1.67%	4.60%	5.63%	5.46%	
2018	691	249	1%	399	-1.08%	-2.08%	-3.56%	-4.22%	0.94%	4.59%	5.25%	5.07%	
2017	654	242	2%	373	12.40%	11.28%	12.63%	10.08%	1.34%	5.65%	5.25%	5.30%	
2016	522	210	2%	335	6.24%	5.17%	5.26%	7.62%	1.68%	6.25%	5.62%	5.69%	
2015	436	185	2%	293	1.97%	0.97%	-0.14%	-2.05%	1.65%	6.53%	5.53%	5.67%	
2014	413	185	2%	269	3.67%	2.64%	2.97%	2.40%	1.70%	5.82%	5.53%	5.64%	
2013	351	158	3%	207	15.31%	14.16%	12.03%	11.96%	2.92%	6.82%	7.40%	7.41%	

¹For the periods prior to 2017 composite assets are calculated based on composite membership as of 12/31. Composite assets include accounts that enter the composite on 12/31. ²Results are presented net of actual fees until December 31, 2005; from January 1, 2006 through the present, net composite results are presented net of highest management fee.

MAP Global Balanced Composite seeks to preserve capital while generating current income and moderate long-term capital growth. Investments are allocated between fixed income securities (bonds), combined with selected domestic and foreign stocks and interest-bearing cash reserves, depending upon market conditions. Covered calls may be employed to enhance income stream. The composite's benchmark is a 50/50 blend of the MSCI ACWI and the Merrill Lynch U.S. Corporate A-AAA Rated 1-3 Years Total Return Index (50% S&P 500 prior to 01/01/2011), rebalanced monthly. Effective 06/30/2020, the secondary benchmark is 50% Merrill Lynch U.S. Corp A-AAA Rated 1-3 Yr. Total Return Index / 50% MSCI ACWI Value Index (50% S&P 500 prior to 01/01/2011). The addition of the secondary benchmark stems from our belief that the MSCI ACWI Value Index is complementary to the MSCI ACWI Index in that the MAP Global Balanced Composite's portfolio composition is formed through a process centered around value investing techniques. Furthermore, when running a regression analysis over the last 10 years, the equity component of the composite has a higher correlation and R2 to the MSCI ACWI Value Index than its growth counterpart, the MSCI ACWI Growth Index. The MSCI ACWI is a free float adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging markets. The Merrill Lynch U.S. Corporate A-AAA Rated 1-3 Years Total Return Index consists of 991 issues with a weighted average maturity of 1.90 years, an average yield of 5.18%, and an average credit quality of A2.¹ The MSCI ACWI Value Index captures large and mid cap securities exhibiting overall value style characteristics across 23 Developed Markets countries and 24 Emerging Markets (EM) countries. The value investment style characteristics for index construction are defined using three variables: book value to price, 12-month forward earnings to price and dividend yield. Returns include the effect of foreign currency exchange rates. Material risks of the composite include market risk, issuer risk, style risk, credit risk, interest rate risk, foreign securities risk, regulatory risk, geopolitical risk, and concentration risk (to the extent the adviser emphasizes a particular industry or group of related industries). Investing in securities involves risk of loss of principal that they should be prepared to bear. Illiquid investments are not a material part of the composite. The use of derivatives is limited to covered call writing and is employed periodically to enhance income stream and reduce risk. While writing covered calls can reduce downside risk, the writer of a covered call foregoes the opportunity to benefit from an increase in the value of the underlying interest above the option price. Leverage and short positions are not utilized. Fixed-income holdings will vary from the benchmark's holdings and may be of different credit quality and duration.

Managed Asset Portfolios, LLC claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Managed Asset Portfolios, LLC has been independently verified for the period March 31, 2001 through December 31, 2021. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. The MAP Global Balanced Composite has had a performance examination for the periods July 31, 2001 through December 31, 2021. The verification and performance examination reports are available upon request.

Managed Asset Portfolios, LLC is a registered investment adviser. A list of composite descriptions, a list of broad distribution pooled funds and performance results are available upon request. Results are based on fully discretionary accounts under management, including those accounts no longer with the firm. Non-fee-paying accounts are included in this composite. Composite performance is presented gross of foreign withholding taxes on dividends. Past performance is not indicative of future results.

The U.S. Dollar is the currency used to express performance. Returns are presented gross and net of management fees and include the reinvestment of all income. Beginning November 30, 2010, the composite contains wrap/bundled fee accounts. Wrap/bundled fee accounts represent the following percentages of composite assets: 2010: 4%, 2011: 5%, 2012: 4%, 2013: 3%, 2014: 4%, 2015: 5%, 2016: 10%, 2017: 13.8%, 2018: 17.3%, 2019: 21.17%, 2020: 25.05%, 2021: 27.89%, 2022: 32.83%. Wrap/bundled fee accounts pay a fee based on a percentage of assets under management. Wrap fees may include but are not limited to custody fees, trading and execution fees, and performance reporting fees. A significant number of accounts in the composite are custodied with brokers that do not charge trading expenses. Accounts custodied with other brokers may incur trading expenses which may reduce returns. Gross returns are shown as supplemental information and may not include transaction costs. Results are presented net of actual fees until December 31, 2005; from January 1, 2006 through the present, net composite results are presented net of highest management fee. The annual composite dispersion presented is an asset-weighted standard deviation calculated using gross returns of accounts in the composite the entire year. The 3-Year Standard Deviation represents the annualized standard deviation of actual gross composite and benchmark returns, using the rolling 36-months ended each year-end. Policies for valuing investments, calculating performance, and preparing GIPS Reports are available upon request.

The management fee is generally 1.00%. Actual investment advisory fees incurred by clients may vary. Wrap fee schedules are provided by independent wrap sponsors and are available upon request from the respective wrap sponsor. Actual wrap fees may vary by wrap sponsor. See Part 2A Form ADV for more information regarding fees.

The MAP Global Balanced Composite was created and inception on July 31, 2001.

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¹Data courtesy of Bloomberg 12/31/2022.