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# White Mountains Insurance Group, Ltd.

Annual Investor Presentation



# Forward-Looking Statements

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## Forward-Looking Statements

This presentation may contain “forward-looking statements” within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. All statements, other than statements of historical facts, included or referenced in this presentation which address activities, events or developments which White Mountains expects or anticipates will or may occur in the future are forward-looking statements. The words “could”, “will,” “believe,” “intend,” “expect,” “anticipate,” “project,” “estimate,” “predict” and similar expressions are also intended to identify forward-looking statements. These forward-looking statements include, among others, statements with respect to White Mountains’s: (i) change in book value per share, adjusted book value per share or return on equity; (ii) business strategy; (iii) financial and operating targets or plans; (iv) incurred loss and loss adjustment expenses and the adequacy of its loss and loss adjustment expense reserves and related reinsurance; (v) projections of revenues, income (or loss), earnings (or loss) per share, EBITDA, adjusted EBITDA, dividends, market share or other financial forecasts; (vi) expansion and growth of its business and operations; and (vii) future capital expenditures.

These statements are based on certain assumptions and analyses made by White Mountains in light of its experience and perception of historical trends, current conditions and expected future developments, as well as other factors believed to be appropriate in the circumstances. However, whether actual results and developments will conform to its expectations and predictions is subject to risks and uncertainties that could cause actual results to differ materially from expectations, including: (i) the risk factors set forth in our Form 10-K for the year ended December 31, 2021; (ii) the risk that the sale of NSM may not be completed on the currently contemplated timeline or at all; (iii) claims arising from catastrophic events, such as hurricanes, earthquakes, floods, fires, severe winter weather, public health crises, terrorist attacks, explosions, infrastructure failures, cyber-attacks or armed conflicts; (iv) recorded loss reserves subsequently proving to have been inadequate; (v) the market value of White Mountains’s investment in MediaAlpha; (vi) the trends and uncertainties from the COVID-19 pandemic, including the judicial interpretations on the extent of insurance coverage provided by insurers for COVID-19 pandemic-related claims; (vii) business opportunities (or lack thereof) that may be presented to it and pursued; (viii) actions taken by ratings agencies from time to time, such as financial strength or credit ratings downgrades or placing ratings on negative watch; (ix) the continued availability of capital and financing; (x) deterioration of general economic, market or business conditions, including due to outbreaks of contagious disease (including the COVID-19 pandemic) and corresponding mitigation efforts; (xi) competitive forces, including the conduct of other insurers; (xii) changes in domestic or foreign laws or regulations, or their interpretation, applicable to White Mountains, its competitors or its customers; and (xiii) other factors, most of which are beyond White Mountains’s control.

Consequently, all of the forward-looking statements made in this presentation are qualified by these cautionary statements, and there can be no assurance that the actual results or developments anticipated by White Mountains will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, White Mountains or its business or operations. White Mountains assumes no obligation to publicly update any such forward-looking statements, whether as a result of new information, future events or otherwise.

# Notes and Non-GAAP Financial Measures

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## Notes

Management has adjusted certain amounts within this presentation. Management believes the adjusted amounts to be useful to management and investors in depicting and evaluating White Mountains's financial condition and performance. The adjusted amounts are noted and described on p. 47 in the Appendices.

## Non-GAAP Financial Measures

Management believes the non-GAAP measures included in this presentation to be useful to management and investors in depicting and evaluating White Mountains's financial condition and performance. The non-GAAP financial measures included in this presentation, and the number of the page on which each measure is first shown, are listed below.

- ABVPS (p. 5)
- Growth in ABVPS (p. 13)
- Growth in ABVPS, Excluding MAX (p. 14)
- Pro forma Owners' Capital Per Share (p. 16)
- Ark Adjusted Combined Ratio (p. 24)
- Kudu Annualized Adjusted EBITDA and Levered Return (p. 27)
- Total Portfolio (p. 39)
- Fixed Income (p. 40)
- Equities and Alternatives (p. 40)
- Equity Exposure (p. 40)
- Total Portfolio Return (p. 41)
- Fixed Income Return (p. 41)
- Equity and Alternative Return (p. 41)

Please see p. 48-55 in the Appendices for a reconciliation of each non-GAAP measure to its most closely comparable GAAP financial measure.

## Electronic Copy of Presentation

An electronic copy of this presentation is available on our website: [www.whitemountains.com](http://www.whitemountains.com).

# Introductions

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- WTM board of directors
- WTM senior team
- Operating company senior teams

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## Developments in 1H22

## Key Developments in 1H22

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- Executed three significant and value-adding transactions in 1H22:
  - Announced sale of NSM to Carlyle
  - Closed and funded HG Global senior debt facility
  - Closed and funded Kudu equity raise with MassMutual
  
- Total ABVPS gain of ~\$282
  
- Total net proceeds of \$1.4 billion
  
- Undeployed capital will increase to \$1.7 billion

## Sale of NSM

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- On May 9, WTM announced sale of NSM to Carlyle; expect to close in 3Q22
- Transaction values NSM at \$1.775 billion
- Caps successful investment in NSM:
  - Fair entry price
  - Strong management team and alignment
  - Healthy organic growth
  - Six “specialty rollup” transactions
  - Multiple expansion
- Tale of the tape:
  - \$0.5 billion equity capital invested → \$1.3 billion returned
  - Projected 2.7x MOIC and 31% IRR

## HG Global Senior Debt Facility

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- On April 29, HG Global funded a new \$150 million senior debt facility
  - Investment grade rated (BBB/Kroll)
  - Lenders are Hudson Structured and Security Benefit
- \$120 million of net proceeds distributed to HG Global shareholders (\$116 million to WTM)
- Important transaction for HG Global / BAM enterprise
  - Demonstrates continued financial progress
  - Significant return of equity capital
  - Potentially replicable



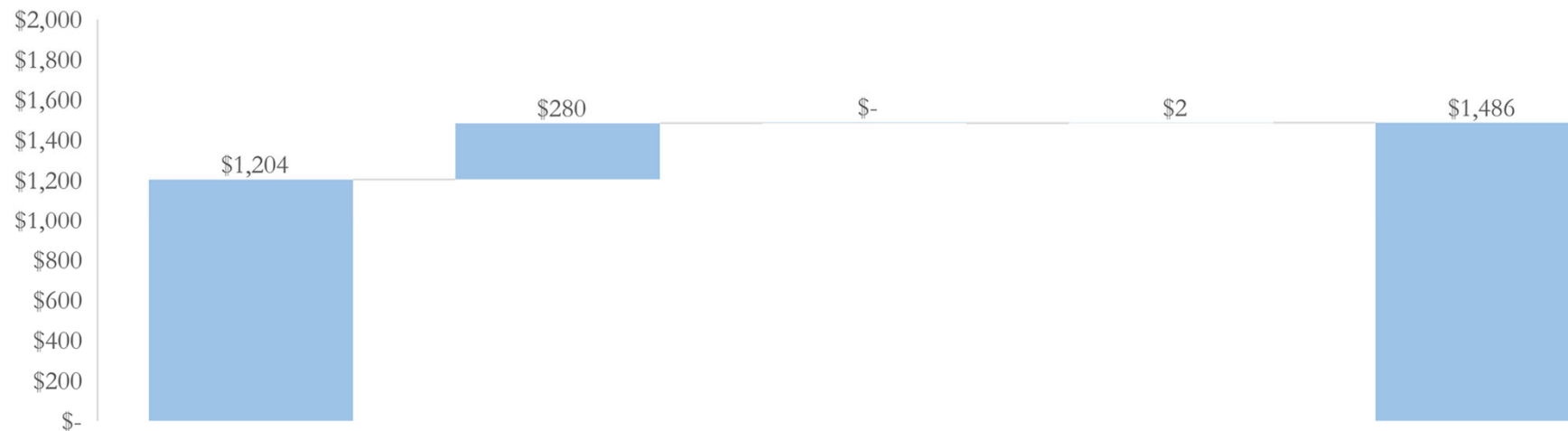
## Kudu Minority Equity Raise

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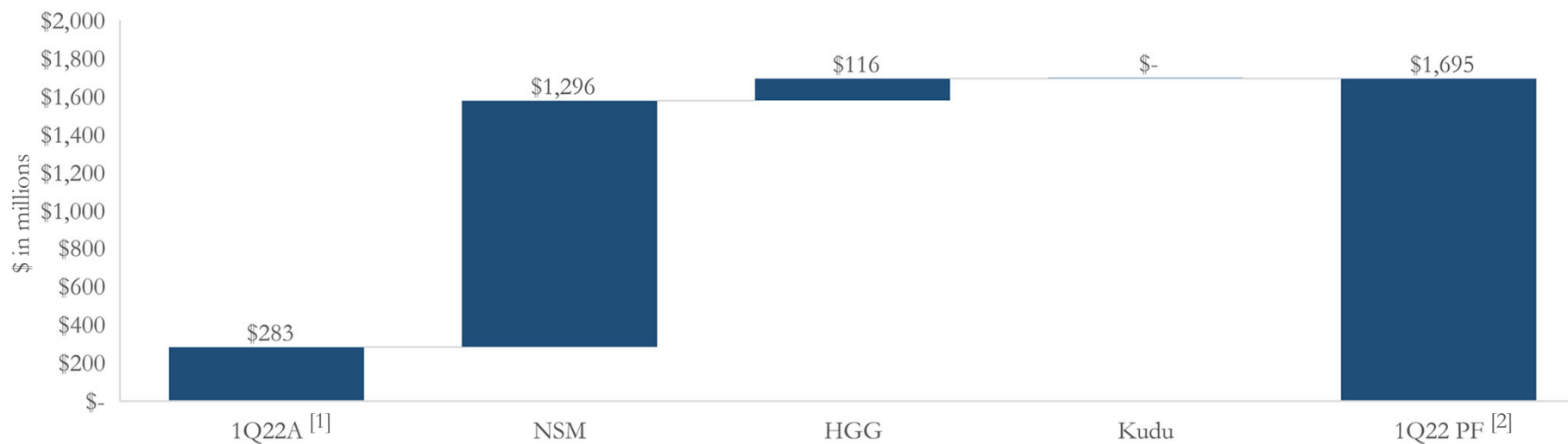
- On May 26, Kudu closed and funded a \$114 million equity capital raise
  - MassMutual contributed \$64 million in exchange for a 9.9% common equity stake
  - WTM contributed \$50 million *pari passu*
- Pre-money valuation = 1.3x (or \$114 million above) 4Q21 book value of Kudu's go-forward portfolio
- ABVPS gain of “only” \$2 → GAAP recognizes 9.9% of valuation step-up
- Important transaction for Kudu:
  - Onboards a strategic, value-adding partner
  - Adds considerable dry powder for robust deal pipeline
  - Recognizes value created at Kudu to date

# Impact of 1H22 Transactions

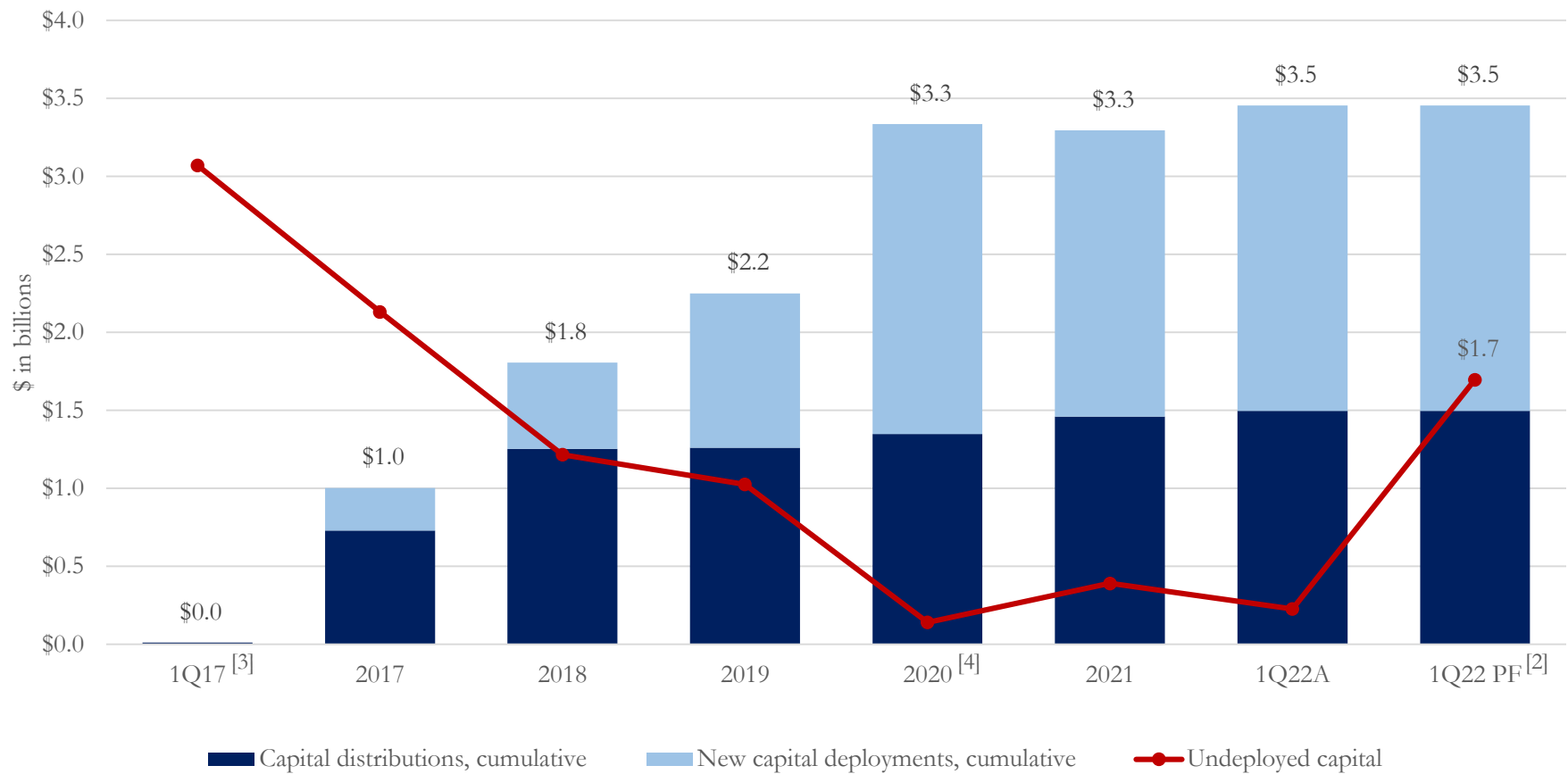
## ABVPS



## Undeployed Capital



## Distributions, Deployments and Undeployed Capital



## Financial Position

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- Pro forma total capital of \$5.2 billion, mostly in common shareholders' equity
  - No financial leverage at parent
  - Prudent financial leverage at opcos: Kudu, Ark, HG Global
  - Pro forma consolidated debt to total capital of 11%
  
- Pro forma undeployed capital <sup>[2]</sup> of \$1.7 billion, or 33% of total capital

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## Year in Review

## Performance Recap

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	Year ended				2019 to 1Q22 PF Annualized
	2019	2020	2021	1Q22 PF	
Growth in ABVPS	14.8%	24.2%	-5.7%	24.9%	17.3%
Growth in MVPS <sup>[5]</sup>	30.2%	-10.2%	1.4%	22.9%	12.3%

## Recent Returns in Context

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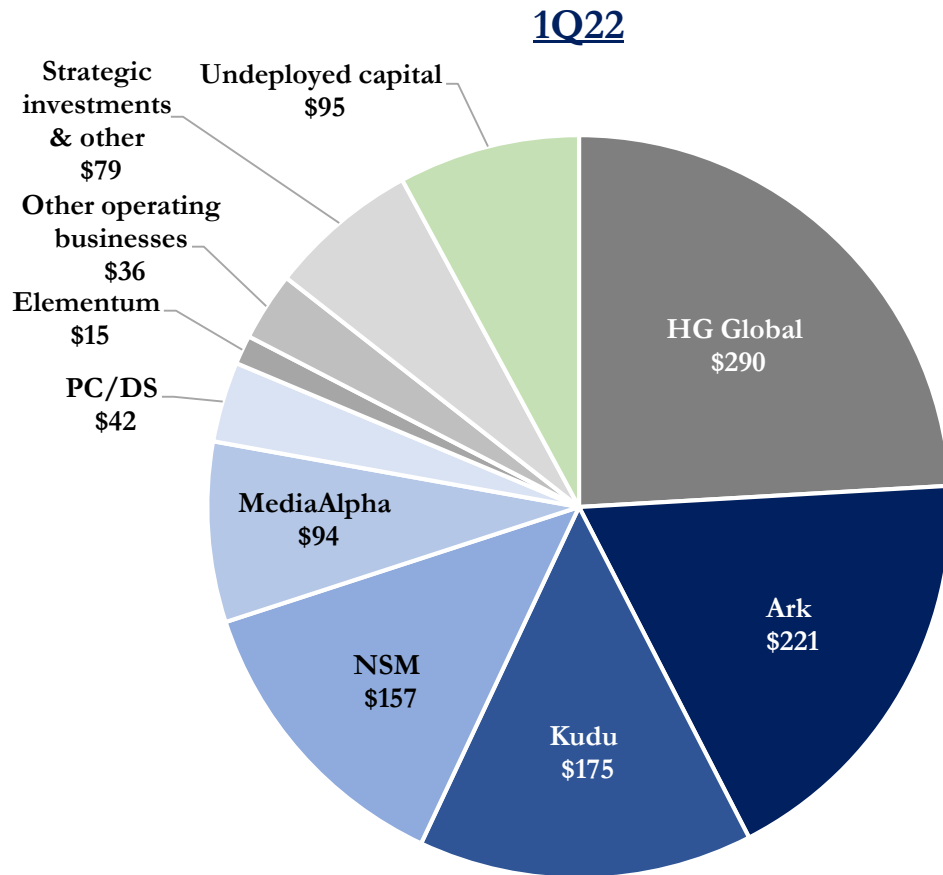
Book value returns	2021	Market value returns	2021	YTD May 31, 2022
WTM ABVPS	-5.7%	WTM	1.4%	22.9%
WTM ABVPS, Excluding MAX	4.3%	Dowling & Partners Composite <sup>[7]</sup>	7.8%	n/a
Dowling & Partners Composite TVC <sup>[6]</sup>	5.8%	S&P 500	28.7%	-12.8%
		S&P P&C Insurance Total Return	19.3%	14.4%

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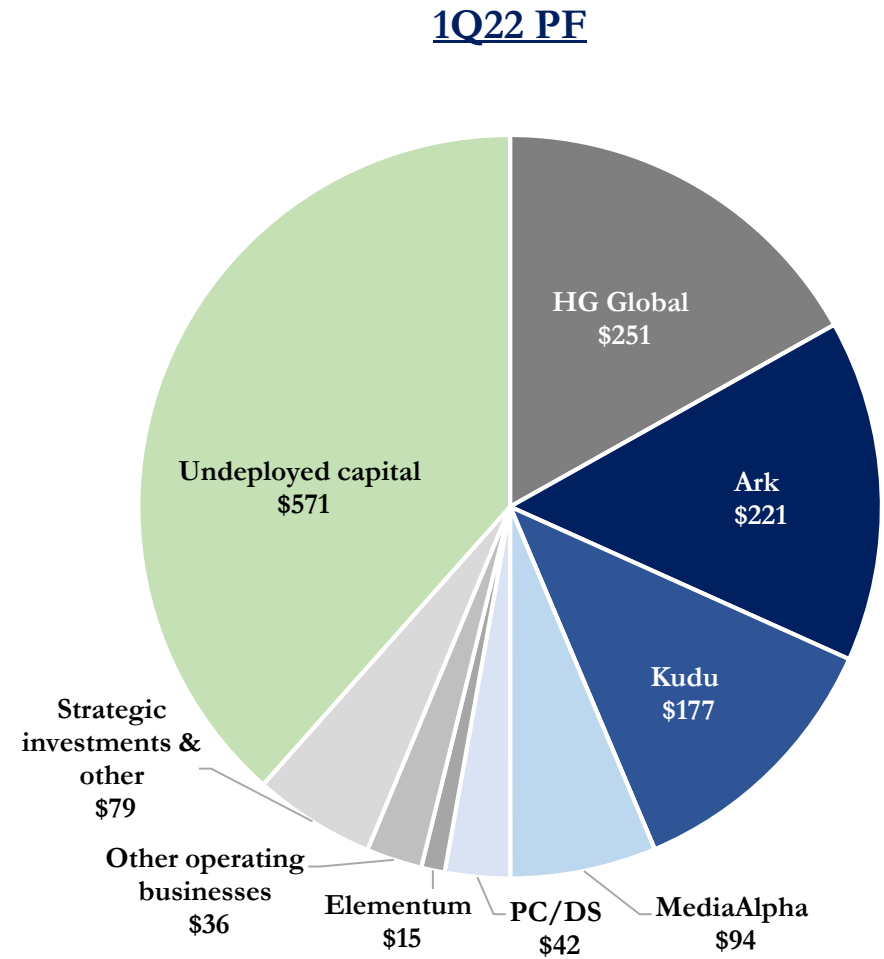
## Operating Businesses



# Owners' Capital Per Share at the End of 1Q22 <sup>[8]</sup>






**Total: \$1,204 ABVPS**



**Total: \$1,486 ABVPS**

## Key Businesses Going Forward

Company	Initial investment year	WTM ownership <sup>[9]</sup>	Management ownership <sup>[9]</sup>	ABV <sup>[8]</sup> (\$ in millions)	Per share <sup>[8]</sup> (\$)
<b>H   G Global</b>	2012	97%	3%	\$745	\$251
	2021	63%	37%	656	221
	2018	76%	16%	526	177
	2014	25%	33%	280	94
	2015	54%	46%	125	42
Elementum 	2019	30%	70%	45	15

- Financial guarantor, insuring essential public purpose municipal bonds
- BAM is a mutual company owned by its municipality policyholders
- HG Re is a stock company owned by WTM; provides first-loss reinsurance to BAM
- WTM economics come in two forms:
  - Surplus note interest
  - HG Re reinsurance profits

- Total premiums <sup>[10]</sup> of \$118 million in 2021
  - Second-best year on record, trailing only 2020
  - Par insured hit all-time high of \$17.5 billion (up 1% YOY)
  - Total pricing <sup>[10]</sup> declined to 0.67%; risk-adjusted pricing remained above target
- Five years of increasing regular cash payments on surplus notes; total payments of \$189 million
- Total premiums <sup>[10]</sup> of \$22 million in 1Q22
  - Best 1Q on record (ex-reinsurance/one-offs)
  - Tailwinds from higher yields and market volatility, particularly in the secondary market
- No missed payments in portfolio; no credits currently on watch list

(\$ in billions)	Year ended			1Q22
	2019	2020	2021	
Total new municipal bond issuance	\$ 407	\$ 459	\$ 458	\$ 97
Insured penetration, overall	6%	8%	8%	8%
Insured penetration, target market	18%	27%	27%	26%
BAM market share (transactions)	53%	56%	53%	58%
10YT (period end)	1.92%	0.93%	1.52%	2.32%
AA-A credit spread (average)	7 bps	14 bps	11 bps	10 bps

(\$ in millions, except where stated)	Year ended			1Q22
	2019	2020	2021	
Par insured (\$ in billions)	\$ 12.8	\$ 17.3	\$ 17.5	\$ 3.5
Total pricing <sup>[10]</sup>	83 bps	76 bps	67 bps	63 bps
Primary + surety	53 bps	59 bps	57 bps	45 bps
Secondary and assumed reinsurance	219 bps	197 bps	155 bps	134 bps
S&P RAP	4.1%	4.3%	4.1%	3.7%
Total premiums <sup>[10]</sup>	\$ 107	\$ 131	\$ 118	\$ 22
Primary + surety	54	91	88	13
Secondary and assumed reinsurance	53	41	30	9
Claims paying resources	\$ 938	\$ 987	\$ 1,192	\$ 1,201
97% of HG Global's UPR, net of DAC	115	138	154	155

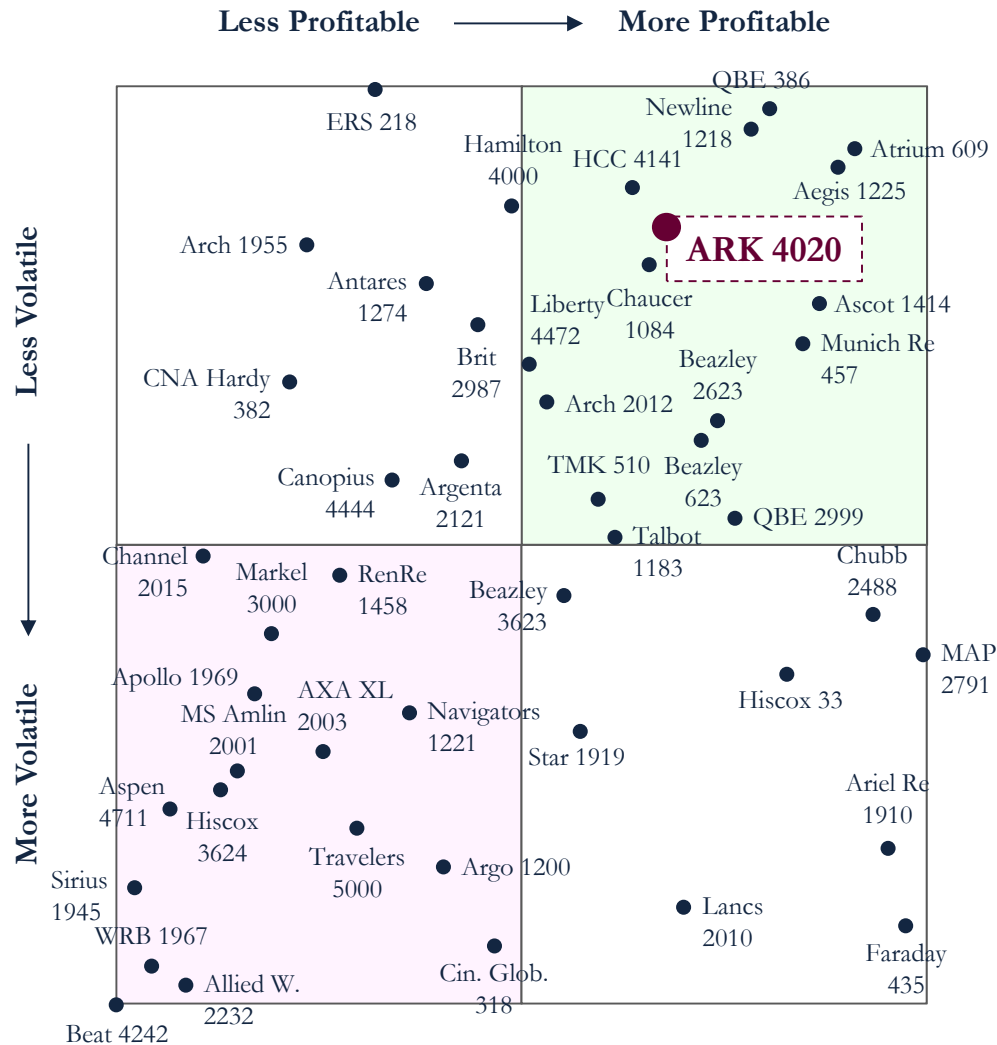
## Ark: Overview

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- Specialized P&C (re)insurance business
- Founded in 2007 by Ian Beaton and Nick Bonnar
- Writes five major lines of business: property, specialty, marine & energy, A&H and casualty
- Business written via:
  - Lloyd’s Syndicates 4020 and 3902
  - Bermuda-based reinsurer Group Ark Insurance Ltd.
- Top-quartile underwriter at Lloyd’s

# Ark: Relative Performance

2012-2021 Profitability and Volatility [11]



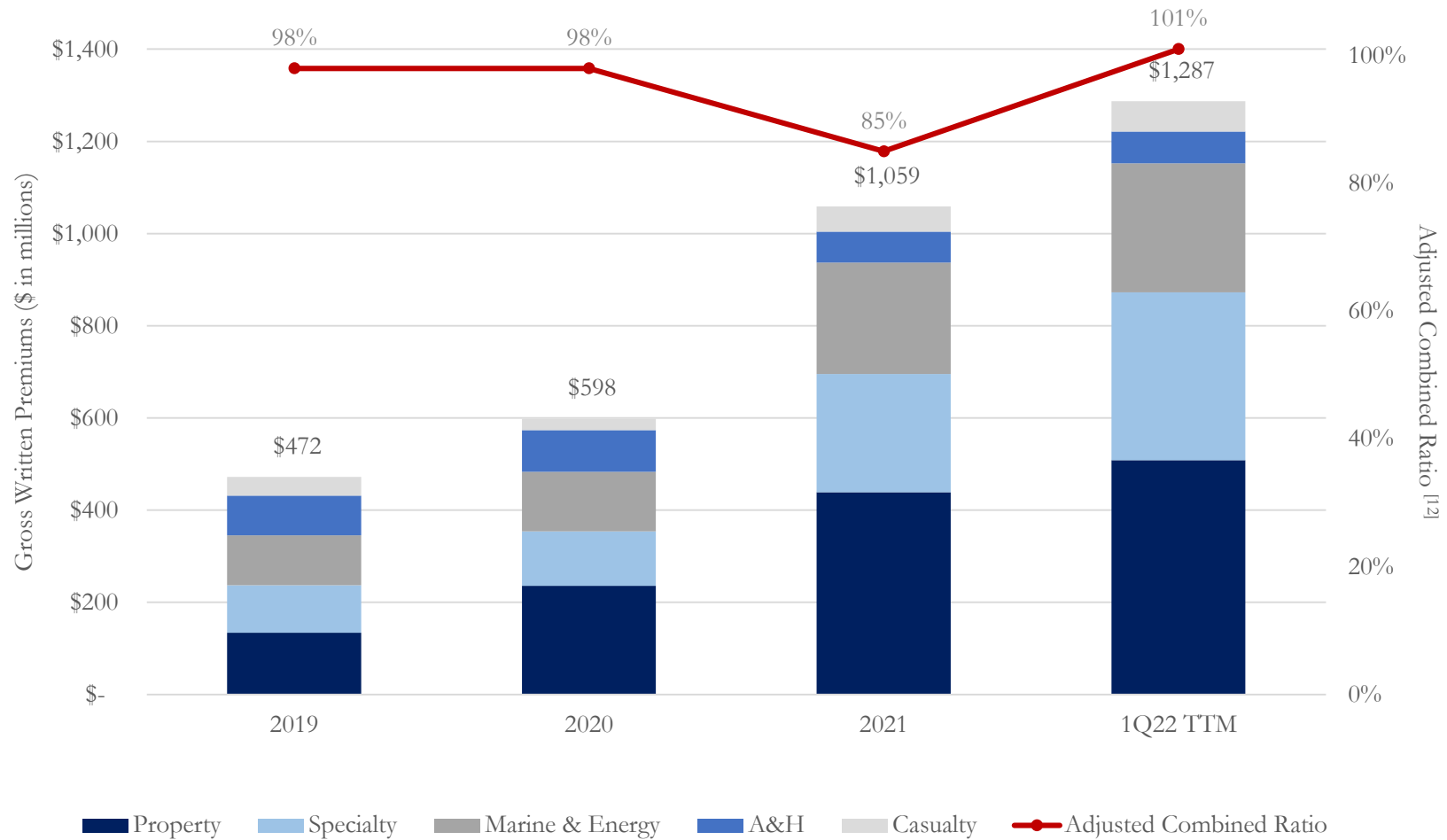


## Ark: Recent Results

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- Strong execution of “scale-up” plan
  - Signed and closed WTM transaction
  - Licensed and staffed a Class IV Insurer in Bermuda
  - Received A.M. Best rating of “A/stable” (highest in “Class of 2020”)
  - Optimized capital structure; issued \$163 million of subordinated debt
- Strong results in 2021
  - Adjusted Combined Ratio of 85%, despite heavy cat year for the industry
  - Gross written premiums of \$1.06 billion, up 77% YOY; blended rate change up 8%
- Continued momentum in 1Q22
  - Adjusted Combined Ratio of 101%, impacted by Ukraine
  - Gross written premiums up 57% QOQ; blended rate change up 9%

# Ark: Financial Snapshot



## Kudu: Overview <sup>[13]</sup>

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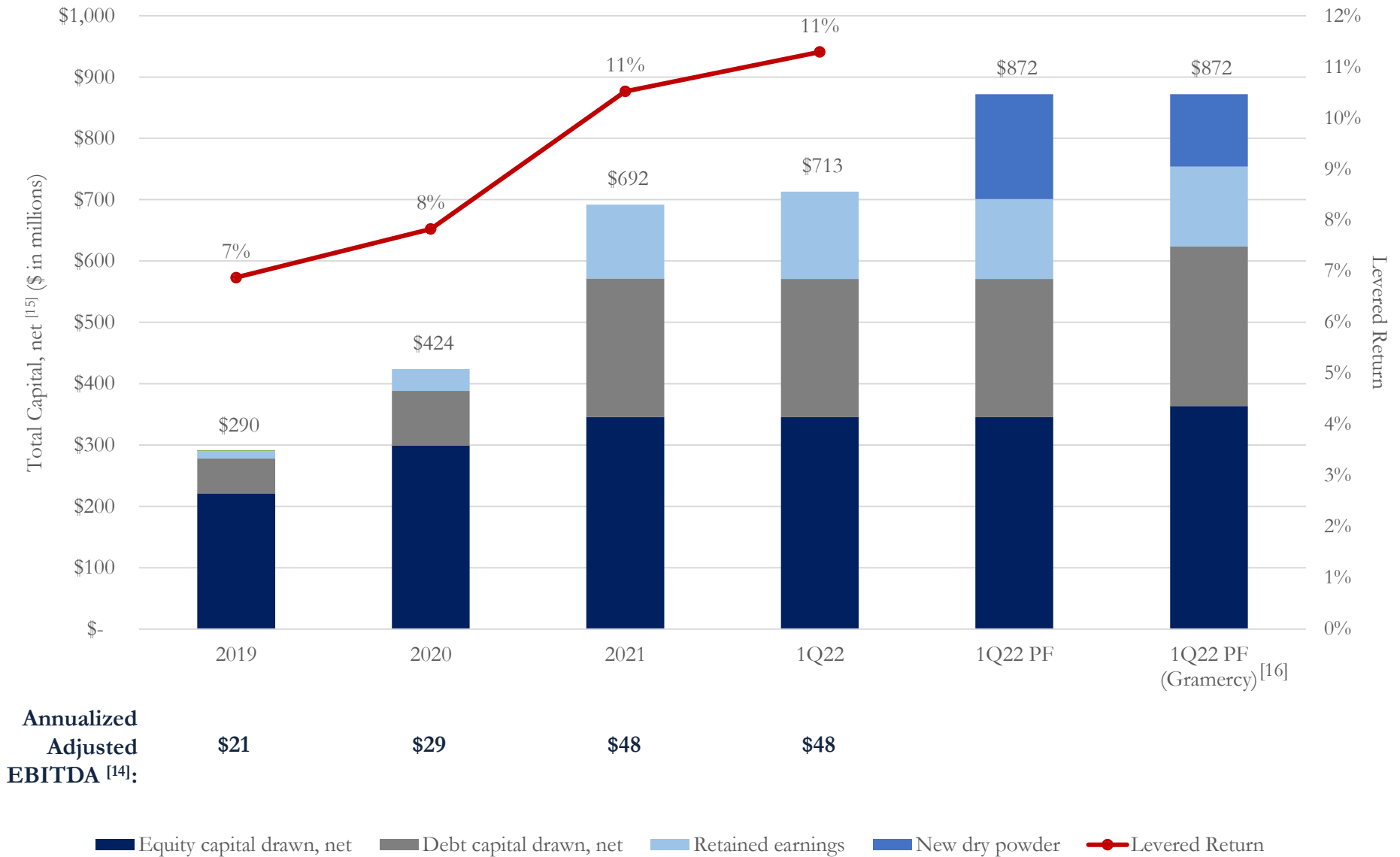
- Provides capital solutions and advisory services to boutique asset and wealth managers
  - Generational ownership transfers
  - Management buyouts
  - Acquisition and growth finance
  - Legacy partner liquidity
- Deals typically structured as revenue shares: healthy running cash yield plus an equity kicker
- Total gross deployed capital of \$665 million inception to date
- ~\$120 million of dry powder on hand after 1H22 transactions; robust deal pipeline

## Kudu: Recent Results

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- Strong 2021 results
  - Annualized Adjusted EBITDA <sup>[14]</sup> of \$48 million
  - Levered Return of 11%
  - Total portfolio fair value up 18% YOY on a same store basis
- Deployed \$225 million into four new deals and two follow-ons
- Closed \$300 million investment grade-rated debt facility with MassMutual
- First exits:
  - BOS merged with Cerity Partners, generating \$44 million of proceeds and a 37% IRR
  - TIG announced SPAC merger transaction; expected to close in 2H22
- Continued momentum in 1Q22 despite market volatility
  - Annualized Adjusted EBITDA <sup>[14]</sup> flat; Levered Return up slightly
  - Total portfolio fair value up 3% QOQ on a same store basis

# Kudu: Financial Snapshot



## MediaAlpha: Overview

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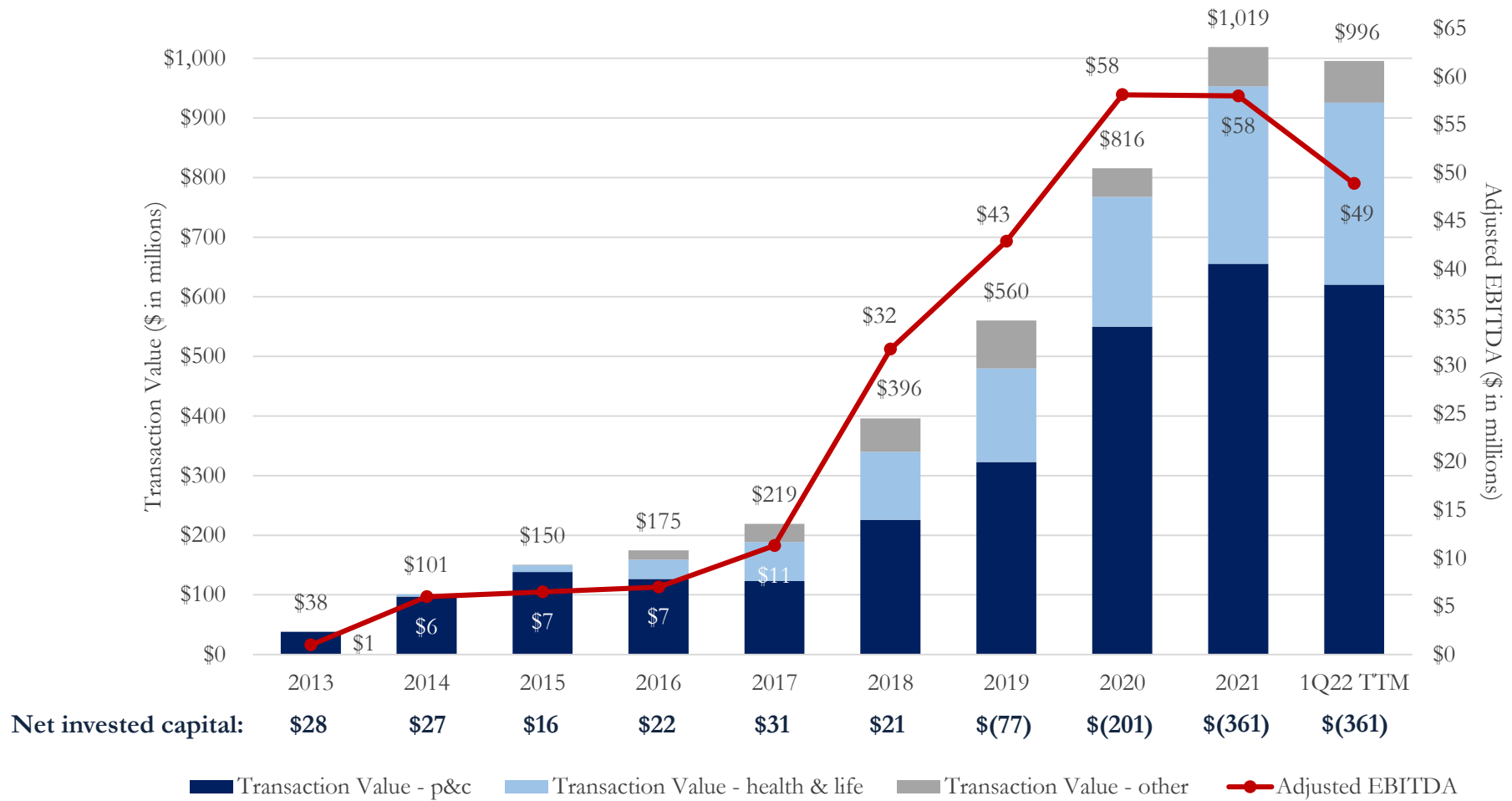
- Online customer acquisition technology company (NYSE: MAX)
- Industry-leading marketplaces for real-time transactions across clicks, calls and leads
- Multiple verticals, including P&C, health and life insurance
- Fee-based economic model: percentage taken from all marketplace transactions

## MediaAlpha: Recent Results

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- MAX share price declined during 2021 → unrealized mark-to-market loss of ~\$400 million
  - Sharp turn in underwriting cycle caused pullback in auto carrier ad spend
- Solid 2021 results despite this pullback
  - Transaction Value exceeded \$1 billion, a new record high and up 25% YOY
  - Adjusted EBITDA of \$58 million, flat YOY
- 1Q22 developments:
  - Share price up in 1Q, down in 2Q
  - Adjusted EBITDA decreased to \$49 million on continued pullback in auto / P&C
  - Capital management: closed a rollup acquisition and implemented a share repurchase program
- Perspective:
  - MAX has produced an 8.9x MOIC in cash, and we hold 16.9 million shares of continuing upside
  - Looking through the underwriting cycle, the secular shift to digital advertising is in the early innings

# MediaAlpha: Financial Snapshot





## PassportCard / DavidShield: Overview

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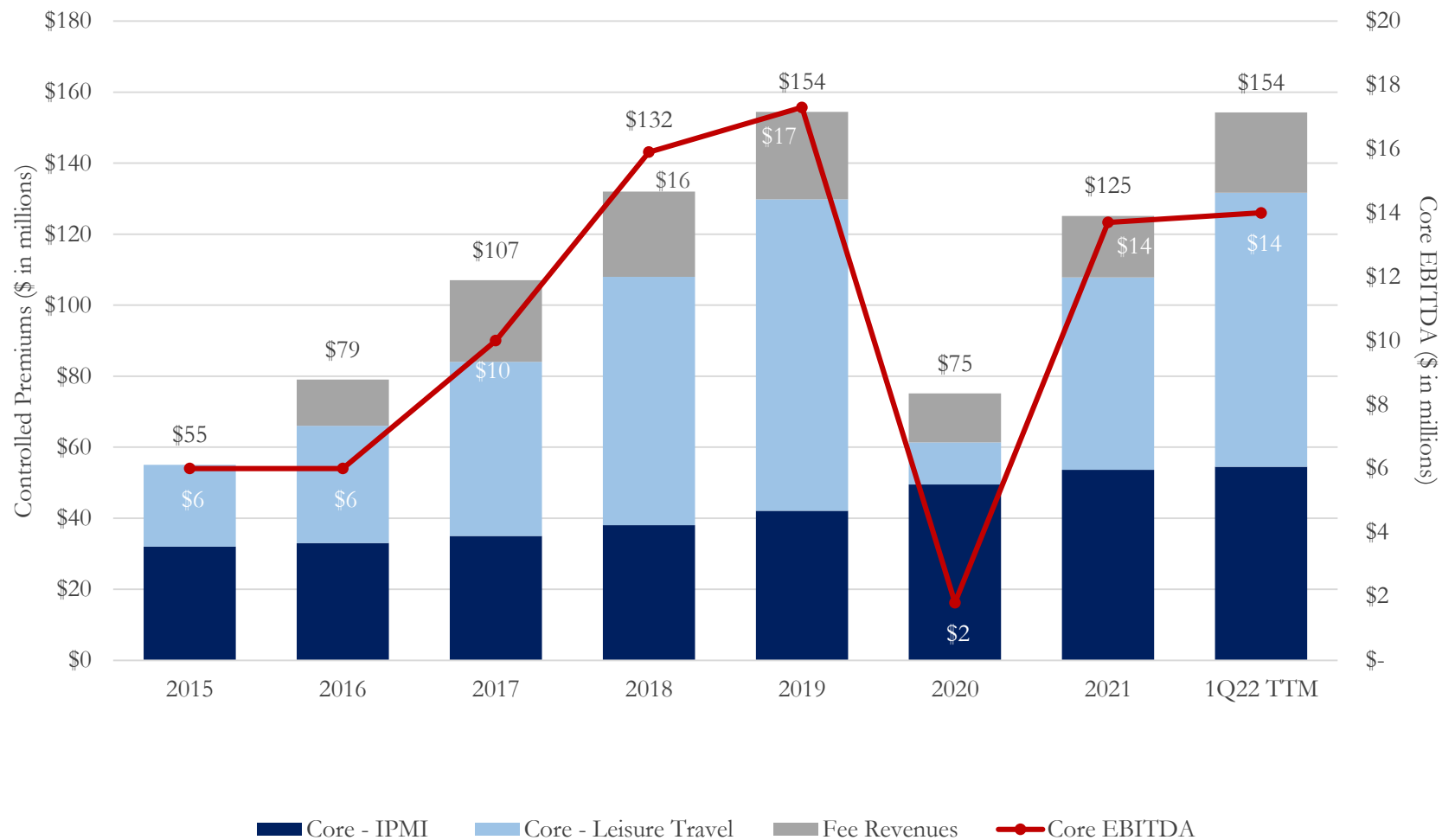
- Offers travel and expat medical insurance
- Delivers coverage and services in 200+ territories around the world
- Real-time, paperless insurance solution, delivered via debit card technology
- Superior customer experience, premium pricing and high reactivation rates
- Originally launched in Israel; select international expansion
- Economic model is commission-based (base and profit); no net risk retention

## PassportCard / DavidShield: Recent Results

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- Directly impacted by the COVID-19 pandemic
- Bounceback results in 2021, driven by the resumption of leisure travel
  - Core premiums of \$108 million (up 77% YOY)
    - Travel premiums of \$54 million (up 360% YOY)
    - Expat medical premiums of \$54 million (up 8% YOY to an all-time high)
  - Core EBITDA of \$14 million (up from \$2 million in 2020)
- Strong 1Q22 results and bullish FY22 outlook
  - 1Q22 TTM core premiums of \$154 million → surpassed pre-pandemic levels
  - Demand, pricing and market share all up; number of Israeli travelers at 65% of pre-pandemic levels
- International growth initiatives ongoing

# PassportCard / DavidShield: Financial Snapshot



## Elementum: Overview

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- One of the largest independent managers of insurance-linked securities (ILS)
- Manages portfolios of natural catastrophe event risk on behalf of institutional investors
- Accesses risk via a range of instruments:
  - Catastrophe bonds
  - Collateralized reinsurance investments
  - Primary insurance
- Delivers a range of risk/return and liquidity profiles
- Fee-based business (management fees and performance fees)
- In addition to our stake in the business, WTM has \$52 million invested in four Elementum funds

## Elementum: Recent Results

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- Flattish results in 2021
  - AUM decreased 3% to \$4.2 billion
  - Adjusted EBITDA roughly flat at \$13 million
  - WTM received cash dividends of \$3.6 million → cash yield of 7%
  - Our investments in the Elementum funds produced a blended return of +0.8%
  
- Flattish start to 2022
  - AUM flat at \$4.2 billion
  - TTM Adjusted EBITDA down a touch to \$12 million
  - Market conditions for ILS investing are attractive

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## Investment Portfolio

## Investments: Philosophy and Approach

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- Invest for total return
- Investment decisions take into account broader capital position and corporate needs
- Low equity exposure currently given:
  - Limited undeployed capital at parent (will change when NSM sale is closed)
  - Limited equity capacity at core balance sheet businesses (chiefly HG Global and Ark)

## Investments: Mandates

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Mandate	Total Portfolio <sup>[17]</sup> 1Q22	Current position	Objectives
Ark	\$1.6 billion	<ul style="list-style-type: none"> <li>▪ Fixed income</li> <li>▪ Equities and alternatives</li> </ul>	<ul style="list-style-type: none"> <li>▪ Preserve capital</li> <li>▪ Meet insurance obligations</li> <li>▪ Manage for total return</li> </ul>
HG Re	\$0.5 billion	<ul style="list-style-type: none"> <li>▪ Fixed income</li> </ul>	<ul style="list-style-type: none"> <li>▪ Preserve claims paying resources and liquidity</li> </ul>
Parent	\$0.6 billion	<ul style="list-style-type: none"> <li>▪ Fixed income</li> <li>▪ Equities and alternatives</li> </ul>	<ul style="list-style-type: none"> <li>▪ Safeguard known capital commitments</li> <li>▪ Manage for total return</li> </ul>



## Investments: Composition <sup>[17]</sup>

(\$ in millions)	As of March 31, 2022			
	Ark	HG Re	Parent	Consolidated
Fixed Income	\$ 1,252	\$ 466	\$ 393	\$ 2,111
Equities and Alternatives	332	-	166	498
Total Portfolio	\$ 1,584	\$ 466	\$ 559	\$ 2,609
Fixed income duration (years)	1.4	4.0	2.8	2.3
Fixed income credit quality	A	AA-	A	A
Equity Exposure	38%	0%	n/a	38%

## Investments: Performance <sup>[18]</sup>

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	Year ended		1Q22
	2020	2021	
<b>Total Portfolio Return</b>	<b>3.5%</b>	<b>2.3%</b>	<b>-0.3%</b>
ICE BofAML 10YT + 150 bps	12.1%	-2.2%	-6.4%
Conventional Wisdom Benchmark <sup>[19]</sup>	9.5%	2.6%	-5.7%
<b>Fixed Income Return</b>	<b>4.8%</b>	<b>-0.4%</b>	<b>-2.4%</b>
BBG Intermediate U.S. Aggregate Index	5.6%	-1.3%	-4.7%
<b>Equity and Alternative Return</b>	<b>2.7%</b>	<b>25.3%</b>	<b>9.7%</b>
S&P 500 Index	18.4%	28.7%	-4.6%

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## What to Expect

## What to Expect from Us

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- More of the same
- Focused on growing per share values over long periods of time
- Not focused on near-term GAAP results
- Adhering to our core operating principles:
  - Underwriting comes first
  - Maintain a disciplined balance sheet
  - Invest for total return
  - Think like owners
- Deploying/distributing capital patiently and intelligently

## Wise Words...

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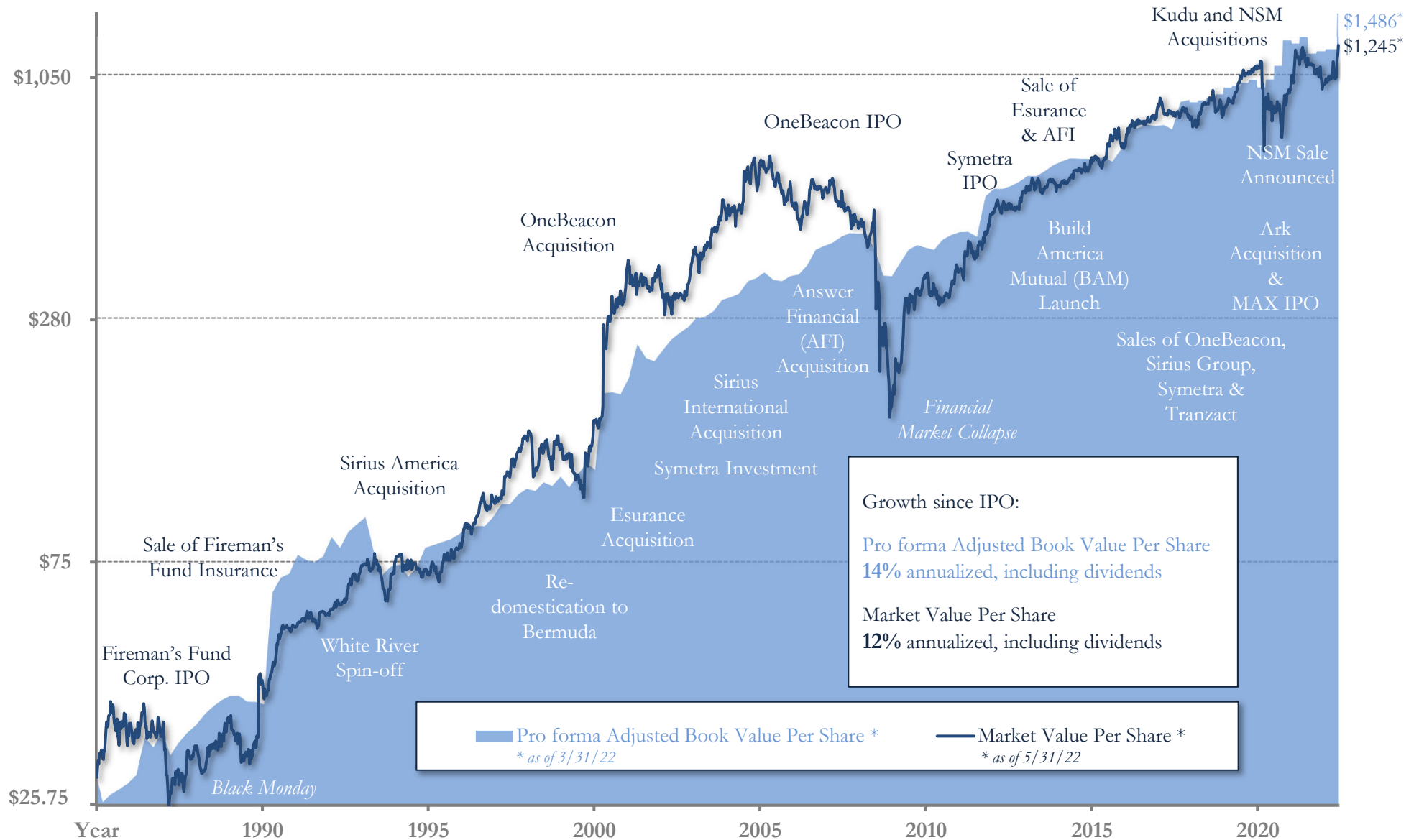
	Return periods ended March 31, 2022				Since WTM IPO (1985)
	1-year	5-year	10-year	20-year	
WTM - ABVPS PF	19.8%	13.5%	10.3%	10.5%	13.7%
WTM - MVPS <sup>[5]</sup>	11.7%	7.3%	9.6%	7.1%	12.0%
S&P 500	15.7%	16.0%	14.6%	9.3%	11.5%
S&P P&C Insurance Total Return <sup>[20]</sup>	28.9%	15.4%	17.1%	9.2%	9.9%



**Benjamin Graham**

“In the short run, the market is a voting machine, but in the long run it is a weighing machine.”

# Track Record



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## Appendices

1. Notes (p. 47)
2. Non-GAAP Financial Measures (p. 48)

## Notes

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1. 1Q22 undeployed capital figure includes (i) \$58 million of investment receivables, less (ii) \$50 million commitment to Kudu.
2. 1Q22 PF amount is adjusted to include the impact of 1H22 transactions, namely (i) the announced sale of NSM, (ii) dividends in connection with the new HG Global senior debt facility, and (iii) Kudu's equity raise with MassMutual.
3. 1Q17 undeployed capital amount is adjusted to reflect the OneBeacon transaction as if it had closed on 3/31/17.
4. 2020 deployments include unfunded commitments of \$298 million at 12/31/20, including WTM's remaining equity commitment to Ark of \$200 million, which was terminated in connection with Ark's issuance of \$163 million of unsecured subordinated debt in 3Q21.
5. Annualized market value per share returns are calculated using the closing share price on 5/31/22.
6. Average total value creation (tangible book value plus dividends) for 52 publicly-traded underwriters reported by Dowling & Partners.
7. Average performance for 59 publicly traded underwriters and brokers reported by Dowling & Partners.
8. Amounts reflect all unfunded commitments as if they were fully funded at 3/31/22. 1Q22 HG Global owners' capital per share does not reflect dividends in connection with HG Global's new senior debt facility; these are reflected in the 1Q22 PF amounts.
9. Ownership is presented on a fully-diluted, fully-converted basis with the exception of HG Global (preferred stock ownership is presented). Current ownership reflects the impact of 1H22 transactions.
10. BAM total premiums and BAM total pricing include (i) gross written premiums, (ii) member surplus contributions collected, (iii) the present value of future installment member surplus contributions not yet collected and (iv) gross written premium adjustments on existing installment policies.
11. Analysis measures (i) profitability using average combined ratios for the 2012-2021 period as weighted by annual GWP and (ii) volatility using weighted standard deviations of annual combined ratios reported for the 2012-2021 period. Criteria for inclusion are ten years of trading with more than GBP 100 million of gross written premiums in at least five of those years. Life syndicates, RITC syndicates and SPAs are excluded. Source: Insurance Insider (used with permission).
12. Ark Adjusted Combined Ratio metrics add back amounts attributable to third-party capital providers in all periods. Ark's 2019 and 2020 adjusted combined ratios are presented on a UK GAAP basis as they precede WTM's investment. 2021 is shown on a US GAAP basis.
13. Kudu dry powder and total deployed capital reflect 2Q22 activities, including (i) MassMutual's minority equity investment in Kudu, (ii) WTM's new equity investment in Kudu, and (iii) Kudu's investment in Gramercy Funds Management.
14. Kudu Annualized Adjusted EBITDA (i) includes estimated revenues for newly acquired participation contracts at year end and (ii) excludes revenues from contracts sold.
15. Kudu total net capital reflects (i) equity capital net of distributions, (ii) debt capital, and (iii) retained earnings.
16. Kudu "1Q22 PF (Gramercy)" amounts reflect (i) MassMutual's minority equity investment in Kudu, (ii) WTM's new equity investment in Kudu and (iii) Kudu's investment in Gramercy Funds Management.
17. Total Portfolio is shown on a non-GAAP basis as reconciled on p. 53 and p. 54 in the Appendices. It excludes BAM's investment portfolio, Kudu's investment portfolio, MediaAlpha, PassportCard/DavidShield, Elementum and unconsolidated other operating businesses.
18. Investment performance is shown on a non-GAAP basis as reconciled on p. 55 in the Appendices.
19. The Conventional Wisdom Benchmark is comprised of 85% of the BBG U.S. Aggregate Index return and 15% of the S&P 500 return.
20. The inception date of the S&P P&C Insurance Total Return index was 9/11/89.



## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliation of GAAP book value per share ("BVPS") to adjusted book value per share ("ABVPS") and growth in ABVPS to growth in ABVPS, Excluding MAX

(\$ millions, except per share amounts; shares in thousands)

	2019	2020	2021	1Q22A	1Q22PF
<b>Numerator</b>					
GAAP common shareholders' equity (GAAP BVPS numerator)	\$ 3,262	\$ 3,906	\$ 3,548	\$ 3,542	\$ 4,379
Time value of money discount on BAM surplus notes [a]	(152)	(143)	(126)	(121)	(121)
HG Global's unearned premium reserve [a]	157	190	215	216	216
HG Global's net deferred acquisition costs [a]	(41)	(52)	(61)	(61)	(61)
Adjusted Common Shareholders' Equity (ABVPS numerator)	<u>\$ 3,225</u>	<u>\$ 3,901</u>	<u>\$ 3,576</u>	<u>\$ 3,576</u>	<u>\$ 4,413</u>
<b>Denominator</b>					
Common shares outstanding (GAAP BVPS denominator)	3,185	3,102	3,018	2,994	2,994
Less: unearned restricted common shares	(18)	(15)	(14)	(24)	(24)
Adjusted Common Shares Outstanding (ABVPS denominator)	<u>3,167</u>	<u>3,087</u>	<u>3,004</u>	<u>2,970</u>	<u>2,970</u>
GAAP book value per share	\$ 1,024	\$ 1,259	\$ 1,176	\$ 1,183	\$ 1,463
Adjusted book value per share	<b>\$ 1,018</b>	<b>\$ 1,264</b>	<b>\$ 1,190</b>	<b>\$ 1,204</b>	<b>\$ 1,486</b>
Growth in GAAP BVPS, including dividends [b]	14.4%	23.1%	-6.5%	0.7%	24.5%
Growth in ABVPS, including dividends [b]	<b>14.8%</b>	<b>24.2%</b>	<b>-5.7%</b>	<b>1.2%</b>	<b>24.9%</b>
Remove net realized and unrealized losses from White Mountains's investment in MediaAlpha			10.0%		
Growth in ABVPS, Excluding MAX			<u>4.3%</u>		

[a] Amount reflects White Mountains's preferred share ownership of HG Global of 97%

[b] White Mountains declared \$1.00 per share dividend in the first quarter of each period shown

## Non-GAAP Financial Measures

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### White Mountains Insurance Group, Ltd.

Comparison of GAAP book value per share ("BVPS") return to adjusted book value per share ("ABVPS") returns

	Return periods ended March 31, 2022				Since WTM IPO (1985)
	1-year	5-year	10-year	20-year	
WTM - BVPS	-3.8%	8.5%	7.9%	9.3%	13.0%
WTM - ABVPS Actual	-3.0%	8.8%	8.0%	9.4%	13.0%
WTM - ABVPS PF	19.8%	13.5%	10.3%	10.5%	13.7%

## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliation of GAAP book value and GAAP book value per share allocation of capital to ABV and ABVPS allocation of capital

(\$ millions, except per share amounts)

	1Q22 Actual				1Q22 Pro Forma		1Q22 Owners' Capital Per Share		
	GAAP Book Value	Reclass UDC & Commitments	Adjusted Adjustments	Adjusted Book Value	Pro Forma Adjustments	Pro Forma Adjusted Book Value	GAAP Book Value	Adjusted Book Value	Pro Forma Adjusted Book Value
HG Global	\$ 827	\$ -	\$ 34	\$ 861 [a]	\$ (116)	\$ 745	\$ 276	\$ 290	\$ 251
Ark	656	-	-	656	-	656	219	221	221
Kudu	470	50	-	520 [b]	6	526	157	175	177
NSM	465	-	-	465	(465)	-	155	157	-
MediaAlpha	280	-	-	280	-	280	94	94	94
PassportCard / DavidShield	125	-	-	125	-	125	42	42	42
Elementum	45	-	-	45	-	45	15	15	15
Other operating businesses	80	27	-	107 [b]	-	107	27	36	36
Strategic investments	166	17	-	183 [b]	-	183	55	62	62
Other net assets	428	(377)	-	51 [b]	-	51	143	17	17
Undeployed capital (UDC)	-	283	-	283	1,412	1,695	-	95	571
<b>Total</b>	<b>\$ 3,542</b>	<b>\$ -</b>	<b>\$ 34</b>	<b>\$ 3,576</b>	<b>\$ 837</b>	<b>\$ 4,413</b>	<b>\$ 1,183</b>	<b>\$ 1,204</b>	<b>\$ 1,486</b>

[a] Adjusted book value is adjusted for (i) time value of money discount on BAM surplus notes and (ii) HG Global's unearned premium reserve and deferred acquisition costs

[b] Adjusted book value includes unfunded commitments

## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliation of Ark's GAAP loss and loss adjustment expense ratio, insurance acquisition expense ratio, other underwriting expense ratio and combined ratio to their Adjusted Ratios

(\$ millions)	Year Ended December 31, 2021			Quarter Ended March 31, 2022		
	GAAP	TPC Share	Adjusted	GAAP	TPC Share	Adjusted
Insurance premiums:						
Gross written premiums	\$ 1,059	\$ -	\$ 1,059	\$ 633	\$ -	\$ 633
Net written premiums	\$ 859	\$ (7)	\$ 853	\$ 544	\$ 2	\$ 546
Net earned premiums	\$ 637	\$ 76	\$ 714	\$ 194	\$ 5	\$ 199
Insurance expenses:						
Loss and loss adjustment expenses	\$ 315	\$ 40	\$ 355	\$ 122	\$ 6	\$ 128
Insurance acquisition expenses	178	-	178	50	-	50
Other underwriting expenses	65	9	74	22	1	23
Total insurance expenses	<u>\$ 557</u>	<u>\$ 49</u>	<u>\$ 606</u>	<u>\$ 194</u>	<u>\$ 7</u>	<u>\$ 201</u>
Ratios:						
Loss and loss adjustment expense	49.4%		49.7%	62.7%		64.1%
Insurance acquisition expense	27.9%		24.9%	25.7%		25.1%
Other underwriting expense	10.1%		10.3%	11.4%		11.6%
Combined Ratio	87.4%		<b>84.9%</b>	99.8%		<b>100.8%</b>

Note: Periods that precede 2021 cannot be reconciled to GAAP as Ark was not consolidated with WTM until 2021

## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliations of Kudu TTM GAAP net income to Kudu TTM Annualized Adjusted EBITDA and return on equity to Levered Return

(\$ millions)		Trailing Twelve Months Ended		
		4Q20	4Q21	1Q22
TTM GAAP net income	[a]	\$ 21	\$ 78	\$ 93
Add back:				
Interest expense		6	12	9
Income tax expense (benefit)		7	30	28
Amortization of other intangible assets		-	0	0
TTM EBITDA		34	120	130
Exclude:				
Net realized and unrealized (gains) losses		(16)	(90)	(96)
Non-cash equity-based compensation expense		-	1	1
Transaction expenses		4	2	2
TTM Adjusted EBITDA		22	33	37
Adjust to annualize partial year revenues		2	9	11
Adjust to remove partial year revenues		-	(2)	(2)
Adjust to annualize recently acquired participation contracts		5	9	2
TTM Annualized Adjusted EBITDA		<b>29</b>	<b>48</b>	<b>48</b>
Remove: Interest expense		(6)	(12)	(9)
TTM Levered Annualized Adjusted EBITDA	[b]	\$ 23	\$ 36	\$ 39
Average GAAP equity	[c]	\$ 284	\$ 400	\$ 477
Return on equity	[a/c]	7%	20%	20%
Equity capital drawn, net	[d]	\$ 299	\$ 346	\$ 345
Levered Return	[b/d]	<b>8%</b>	<b>11%</b>	<b>11%</b>

Note: TTM periods that precede 1Q20 cannot be reconciled to GAAP as Kudu was not consolidated in White Mountains's results until 2Q19

## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliation of GAAP fixed maturity and short-term investments to Fixed Income and GAAP common equity securities, investment in MediaAlpha and other long-term investments to Equities (Total Portfolio equals the sum of Fixed Income and Equities)

(\$ millions)	1Q22
GAAP fixed maturity and short-term investments	\$ 2,137
Remove: BAM fixed maturity and short term investments	(447)
Add: subadvisor cash, accrued income & net open payables/receivables	(1)
Add: certain GAAP other assets	78
Reclass: certain GAAP other long-term investments	292
Reclass: Insurance Linked Securities	52
Fixed Income	<b>\$ 2,111</b>
GAAP common equity securities, investment in MediaAlpha and other long-term investments	\$ 1,999
Remove: Kudu participation contracts	(692)
Remove: MediaAlpha	(280)
Remove: PassportCard / DavidShield	(125)
Remove: Elementum	(45)
Remove: Unconsolidated other operating businesses	(15)
Reclass: certain GAAP other long-term investments	(292)
Reclass: Insurance Linked Securities	(52)
Equities and Alternatives	<b>\$ 498</b>
Total Portfolio	<b>\$ 2,609</b>

## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliation of GAAP common equity securities, investment in MediaAlpha and other long term investments to Equities and Equity Exposure

(\$ millions)	1Q22
<b>Numerator</b>	
GAAP common equity securities, investment in MediaAlpha and other long-term investments	\$ 1,999
Remove: Kudu participation contracts	(692)
Remove: MediaAlpha	(280)
Remove: PassportCard / DavidShield	(125)
Remove: Elementum	(45)
Remove: Unconsolidated other operating businesses	(15)
Reclass: certain GAAP other long-term investments	(292)
Reclass: Insurance Linked Securities	(52)
	<b>498</b>
Equities and Alternatives	
Add: Kudu participation contracts	692
Add: MediaAlpha	280
	<b>1,471</b>
Equity exposure numerator	\$ 1,471
<b>Denominator</b>	
Common shareholders' equity	\$ 3,542
Non-controlling interest in Ark	224
Time value of money discount on BAM surplus notes [a]	(121)
HG Global's unearned premium reserve [a]	216
HG Global's net deferred acquisition costs [a]	(61)
	<b>3,800</b>
Adjusted shareholders' equity	\$ 3,800
GAAP common equity securities, investment in MediaAlpha and other long-term investments exposure	56%
Equity Exposure	<b>38%</b>

[a] Amount reflects White Mountains's preferred share ownership of HG Global of 97%

## Non-GAAP Financial Measures

### White Mountains Insurance Group, Ltd.

Reconciliation of GAAP investment returns to Total Return on Investment Portfolio, Fixed Income Return and Equity Return

(returns in USD)	2020	2021	1Q22
GAAP total return on investment portfolio	31.9%	-3.4%	0.8%
Adjusting items			
Remove BAM invested assets	-0.2%	0.3%	0.6%
Remove Kudu participation contracts	-1.6%	-3.5%	-1.1%
Remove MediaAlpha	-29.4%	10.2%	-0.5%
Remove PassportCard/DavidShield, Elementum and unconsolidated other operating businesses	2.6%	-1.0%	-0.1%
All other	0.2%	-0.3%	0.0%
Total Return on Investment Portfolio	<b>3.5%</b>	<b>2.3%</b>	<b>-0.3%</b>
GAAP fixed maturity and short-term investment return	4.9%	-0.4%	-3.2%
Adjusting items			
Remove BAM invested assets	0.0%	-0.1%	0.3%
Reclass ILS & Other Fixed Income	-0.1%	0.1%	0.4%
All other	0.0%	0.0%	0.1%
Fixed Income Return	<b>4.8%</b>	<b>-0.4%</b>	<b>-2.4%</b>
GAAP common equity securities and other long-term investments return	80.0%	-7.1%	5.3%
Adjusting items			
Remove Kudu participation contracts	-5.3%	-2.7%	2.7%
Remove MediaAlpha	-99.5%	41.9%	0.0%
Remove PassportCard/DavidShield, Elementum and unconsolidated other operating businesses	21.7%	-3.8%	0.4%
Reclass ILS & Other Fixed Income	4.9%	-3.0%	1.3%
All other	0.9%	0.0%	0.0%
Equity and Alternative Return	<b>2.7%</b>	<b>25.3%</b>	<b>9.7%</b>