UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of Earliest Event Reported): August 11, 2023

(Commission File Number) 1-9516

(Exact Name of Registrant as Specified in Its Charter) (Address of Principal Executive Offices) (Zip Code) (Telephone Number)

ICAHN ENTERPRISES L.P.

(State or Other Jurisdiction of Incorporation or Organization) Delaware

(IRS Employer Identification

No.) 13-3398766

16690 Collins Avenue, PH-1 Sunny Isles Beach, FL 33160 (305) 422-4100

(Former Name or Former Address, if Changed Since Last Report)

		N/A	,				
Check	the appropriate box below if the Form $8\text{-}K$ filing is intended to simultaneously	y satisfy the filing obligation of the registrant under any of the foll	lowing provisions:				
	Written communication pursuant to Rule 425 under the Securities Act (17 G	CFR 230.425)					
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CF	R 240.14a-12)					
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))						
	Pre-commencement communications pursuant to Rule 13e-4(c) under the E	exchange Act (17 CFR 240.13e-4(c))					
Secur	ties registered pursuant to Section 12(b) of the Act:						
	Title of Each Class	Trading Symbol(s)	Name of Each Exchange on Which Registered				
D	positary Units of Icahn Enterprises L.P. Representing Limited Partner Interests	TEP	Nasdaq Global Select Market				
Indica	te by check mark whether the registrant is an emerging growth company as de	fined in Rule 405 of the Securities Act of 1933 or Rule 12b-2 of the	ne Securities Exchange Act of 1934. Emerging Growth Company \Box				
	merging growth company, indicate by check mark if the registrant has elected change Act. \Box	l not to use the extended transition period for complying with any	new or revised financial accounting standards provided pursuant to Section 13(a)				

Item 7.01 Regulation FD Disclosure.

Icahn Enterprises L.P. has attached hereto as Exhibit 99.1 a copy of updated presentation materials that it intends to use in connection with meetings with investors, groups of investors and media and in connection with presentations and speeches to various audiences.

The information contained in this Item 7.01 and Exhibit 99.1 is being furnished and shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section. In addition, the information contained in this Item 7.01 and Exhibit 99.1 shall not be incorporated by reference into any of Icahn Enterprises L.P.'s filings with the Securities and Exchange Commission or any other document except as shall be expressly set forth by specific reference in such filing or document.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

99.1 – Presentation Materials.
104 – Cover Page Interactive Data File (formatted in Inline XBRL in Exhibit 101).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ICAHN ENTERPRISES L.P.

(Registrant)

Icahn Enterprises G.P. Inc., its general partner

By:

/s/ Ted Papapostolou Ted Papapostolou Chief Financial Officer

Date: August 11, 2023



Icahn Enterprises L.P.

Investor Presentation

August 2023

Forward-Looking Statements and Non-GAAP Financial Measures

Forward-Looking Statements

This presentation contains certain statements that are, or may be deemed to be, "forward-looking statements" within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. All statements included herein, other than statements that relate solely to historical fact, are "forward-looking statements." Such statements include, but are not limited to, any statement that may predict, forecast, indicate or imply future results, performance, achievements or events, or any statement that may relate to strategies, plans or objectives for, or potential results of, future operations, financial results, financial condition, business prospects, growth strategy or liquidity, and are based upon management's current plans and beliefs or current estimates of future results or trends. Forward-looking statements can generally be identified by phrases such as "believes," "expects," "potential," "continues," "may," "should," "seeks," "predicts," "anticipates," "intends," "projects," "estimates," "plans," "could," "designed," "should be" and other similar expressions that denote expectations of future or conditional events rather than statements of fact. Our expectations, beliefs and projections are expressed in good faith, and we believe that there is a reasonable basis for them. However, there can be no assurance that these expectations, beliefs and projections will result or be achieved.

There are a number of risks and uncertainties that could cause our actual results to differ materially from the forward-looking statements contained in this presentation, including risks related to economic downturns, substantial competition and rising operating costs; the impacts from the Russia/Ukraine conflict, including economic volatility and the impacts of export controls and other economic sanctions; risks related to our investment activities, including the nature of the investments made by the private funds in which we invest, declines in the fair value of our investments as a result of the COVID-19 pandemic, losses in the private funds and loss of key employees; risks related to our ability to continue to conduct our activities in a manner so as to not be deemed an investment company under the Investment Company Act of 1940, as amended, or be taxed as a corporation; risks relating to short sellers and associated litigation and regulatory inquires; risks related to our general partner and controlling unitholder; risks related to our energy business, including the volatility and availability of crude oil, other feed stocks and refined products, declines in global demand for crude oil, refined products and liquid transportation fuels, unfavorable refining margin (crack spread), interrupted access to pipelines, significant fluctuations in nitrogen fertilizer demand in the agricultural industry and seasonality of results; the success of a spin-off of the fertilizer business including risks related to any decision to cease exploration of a spin-off; risks related to our automotive activities and exposure to adverse conditions in the automotive industry, including as a result of the COVID-19 pandemic and the Chapter 11 filing of our automotive parts subsidiary; risks related to our food packaging activities, including competition from better capitalized competitors, inability of our suppliers to timely deliver raw materials, and the failure to effectively respond to industry changes in casings technology; supply chain issues; inflation, including increased costs of raw materials and shipping, including as a result of the Russia/Ukraine conflict; interest rate increases; labor shortages and workforce availability; risks related to our real estate activities, including the extent of any tenant bankruptcies and insolvencies; risks related to our home fashion operations, including changes in the availability and price of raw materials, and changes in transportation costs and delivery times. These and other risks and uncertainties are described in our filings with the Securities and Exchange Commission including our Annual Report on Form 10-K and our quarterly reports on Form 10-Q under the caption "Risk Factors". There may be other factors not presently known to us or which we currently consider to be immaterial that may cause our actual results to differ materially from the forward-looking statements.

All forward-looking statements attributable to us or persons acting on our behalf apply only as of the date of this presentation and are expressly qualified in their entirety by the cautionary statements included in this presentation. Except to the extent required by law, we undertake no obligation to update or revise forward-looking statements to reflect events or circumstances after the date such statements are made or to reflect the occurrence of unanticipated events.

Non-GAAP Financial Measures

This presentation contains certain non-GAAP financial measures, including EBITDA, Adjusted EBITDA and Indicative Net Asset Value.

The non-GAAP financial measures contained herein have limitations as analytical tools and should not be considered in isolation or in lieu of an analysis of our results as reported under U.S. GAAP. These non-GAAP measures should be evaluated only on a supplementary basis in connection with our U.S. GAAP results, including those reported in our consolidated financial statements and the related notes thereto contained in our Annual Report on Form 10-K for the year ended December 31, 2022 and our subsequent quarterly reports on Form 10-Q. A reconciliation of these non-GAAP financial measures to the most directly comparable U.S. GAAP financial measures can be found in the back of this presentation.

Company Overview

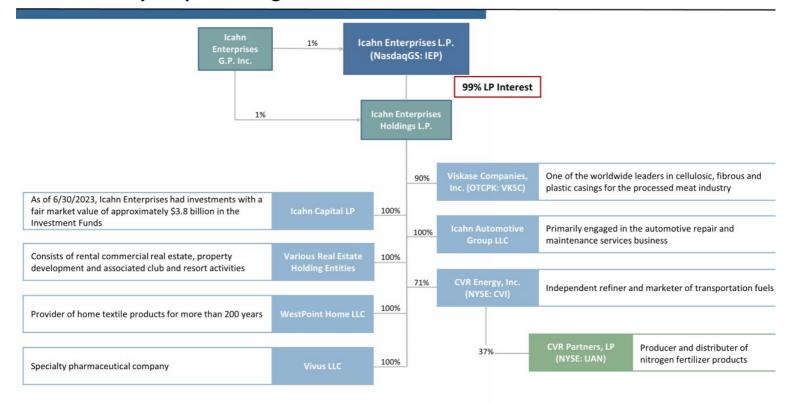
Overview of Icahn Enterprises

- Icahn Enterprises L.P. (IEP) is a diversified holding company with operating segments in Investment, Energy, Automotive, Real Estate, Food Packaging, Home Fashion and Pharma
- IEP is majority owned and controlled by Carl Icahn
 - · Over many years, Carl Icahn has contributed most of his businesses to and executed transactions primarily through IEP
 - As of June 30, 2023, Carl Icahn and his affiliates owned approximately 85% of IEP's outstanding depositary units
- IEP has declared 73 consecutive quarterly distributions since 2005. As of August 10, 2023, IEP has a \$4.00 annualized distribution, which is a 16.2% yield
- IEP has liquidity through its investment in the Investment Funds of approximately \$3.8 billion as of June 30, 2023

	As of June 30, 2023	Twelve Months Ended June 30, 2023						
(\$Millions)	Assets	Total Revenue	Net Income (Loss) Attributable to IEP	Adjusted EBITDA Attributable to IEP				
Investment ⁽¹⁾	\$6,881	(\$1,235)	(\$671)	(\$590)				
Energy	4,801	9,924	351	694				
Automotive	1,974	2,097	(158)	11				
Real Estate	519	117	6	18				
All Other (2)	983	710	(26)	58				
Holding Company	2,049	73	(419)	(25)				
	\$17,207	\$11,686	(\$917)	\$166				

⁽¹⁾ Investment segment total assets represents total equity (equity attributable to IEP was \$3.8 billion).
(2) All Other operating segments includes Food Packaging, Home Fashion, and Pharma.

Summary Corporate Organizational Chart



Note: Percentages denote equity ownership as of June 30, 2023. Excludes intermediary and pass-through entities.

Diversified Subsidiary Companies with Significant Inherent Value

- · IEP's subsidiary companies possess key competitive strengths and/or leading market positions
- · IEP seeks to create incremental value by investing in organic growth and targeting businesses that offer consolidation opportunities



Strategically located mid-continent petroleum refiner and nitrogen fertilizer producer



Primarily engaged in the automotive repair and maintenance services business



Leading global market position in non-edible meat casings poised to capture further growth in emerging markets

Real Estate Segment

Long-term real estate portfolio primarily consisting of investment properties



Over 200 year heritage with some of the best known brands in home fashion



Dedicated to addressing the therapeutic needs of patients with serious medical conditions and life-limiting diseases

The Company's diversification across multiple industries and geographies provides a natural hedge against cyclical and general economic swings

Evolution of Icahn Enterprises

- IEP began as American Real Estate Partners, which was founded in 1987, and now has diversified its portfolio to seven operating segments and approximately \$22 billion of assets as of June 30, 2023.
- IEP has demonstrated a history of successfully acquiring undervalued assets and improving and enhancing their operations and financial results.
- IEP's record is based on a long-term horizon that can enhance business value for continued operations and/or facilitate a profitable exit strategy.
 - In 2017, IEP sold American Railcar Leasing for \$3.3 billion, resulting in a pre-tax gain of \$1.7 billion.
 - In 2018, IEP sold Federal-Mogul for \$5.1 billion, resulting in a pre-tax gain of \$251 million, Tropicana for \$1.5 billion, resulting in a pre-tax gain of \$779 million, and American Railcar Industries for \$1.75 billion, resulting in a pre-tax gain of \$400 million.
 - In 2019, IEP sold Ferrous Resources for aggregate consideration of approximately \$550 million (including repaid indebtedness), resulting in a pre-tax gain of \$252 million.
 - In 2021, IEP completed the sale of 100% of the equity interests in PSC Metals, LLC to SA Recycling LLC, for total cash consideration of approximately \$323 million (including repaid indebtedness and subject to customary post-closing adjustments) resulting in a pre-tax gain on disposition of assets of \$163 million.
- Acquired partnership interest in Icahn Capital Management L.P. in 2007
 - IEP and certain of Mr. Icahn's family members and affiliates are the sole investors in the Investment Funds.



- (1) Based on the closing stock price of \$44.70 and approximately 107.0 million depositary and general partner equivalent units outstanding as of December 31, 2012
- (2) Based on the closing stock price of \$29.03 and approximately 401.4 million depositary and general partner equivalent units outstanding as of June 30, 2023

Ability to Maximize Shareholder Value Through Proven Activist Strategy

· IEP seeks undervalued companies and often becomes "actively" involved in the targeted companies

Putting Activism into Action

- Activist strategy requires significant capital, rapid execution and willingness to take control of companies
- Implement changes required to improve businesses
- · IEP pursues its activist strategy and seeks to promulgate change.
 - Dealing with the board and
 - management
 - Proxy fights
 - Tender offers
 - Taking control

- IEP's investment and legal team is capable of unlocking a target's hidden value.
 - Financial/balance sheet restructuring
 - Operation turnarounds
 - Strategic initiatives
 - Corporate governance changes

- **Purchase of Stock or Debt**
- · Mr. Icahn and Icahn Capital have a long and successful track record of generating significant returns employing the activist strategy
 - · IEP's subsidiaries often started out as investment positions in debt or equity either directly by Icahn Capital or Mr. Icahn
- Active participation in the strategy and capital allocation for targeted companies
 - · Not involved in day-to-day operations
- IEP will make necessary investments to ensure subsidiary companies can compete effectively



Segment: Investment

Segment Description

- IEP invests its proprietary capital through various private investment funds (the "Funds") managed by the Investment segment
- · Fair value of IEP's investment in the Funds was approximately \$3.8 billion as of June 30, 2023

Highlights and Recent Developments

- · Long history of investing in public equity and debt securities and pursuing activist
- Employs an activist strategy that seeks to unlock hidden value through various tactics
 - · Financial/balance sheet restructurings
 - · Operational turnarounds
 - Strategic initiatives
 - · Corporate governance changes
- As of June 30, 2023, the Funds had a net short notional exposure of 18%

Historical Segment Financial Summary								
Investment Segment	FYE	December		LTM June 30,				
(\$Millions)	2020	2021	2022	2023				
Selected Income Statement Data:								
Total revenue	(\$1,249)	\$202	(\$23)	(\$1,235)				
Adjusted EBITDA ⁽³⁾	(1,251)	186	(50)	(1,264)				
Net income (loss)	(1,447)	(32)	(223)	(1,435)				
Adjusted EBITDA attributable to IEP(3)	(673)	83	(10)	(590)				
Net income (loss) attributable to IEP	(765)	(16)	(89)	(671)				
Returns	-14.3%	-0.3%	-2.4%	-15.0%				
Segment Balance Sheet Data ⁽⁴⁾ :								
Equity attributable to IEP	\$4,283	\$4,271	\$4,184	\$3,799				
Total Equity	\$9,342	\$9,390	\$9,150	\$6,881				

Significant Holdings								
As of June 30, 2023								
Company Mkt. Value (\$mm) ⁽¹⁾ % Owners								
CROWN Brand-Building Packaging™	\$835	8.01%						
SOUTHWEST GRS	\$690	15.20%						
FirstEnergy _e	\$548	2.46%						
xerox 🕥	\$510	21.82%						
illumına	\$412	1.39%						

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Based on closing share price as of specified date.

Total economic ownership as a percentage of common shares issued and outstanding.

Refer to the Adjusted EBITDA reconciliations in the Appendix.

Balance Sheet data as of end of each respective period.

Segment: Energy

Segment Description

- CVR Energy, Inc. (NYSE: CVI) is a diversified holding company primarily engaged in the petroleum refining and nitrogen fertilizer manufacturing businesses through its interests in CVR Refining, LP and CVR Partners, LP (NYSE: UAN)
- CVR Refining is an independent petroleum refiner and marketer of high-value transportation fuels in the midcontinent of the United States
- CVR Partners is a manufacturer of ammonia and urea ammonium nitrate solution fertilizer products

Historical Segment Financial Summary

Energy Segment	FYE	LTM June 30,		
(\$Millions)	2020	2021	2022	2023
Selected Income Statement Data:				
Net sales	\$3,930	\$7,242	\$10,896	\$9,902
Adjusted EBITDA ⁽¹⁾	33	462	1,253	1,196
Net income (loss)	(327)	29	596	631
Adjusted EBITDA attributable to IEP ⁽¹⁾	(15)	231	707	694
Net income (loss) attributable to IEP	(194)	(5)	304	351
Segment Balance Sheet Data(2):				
Total assets	\$4,723	\$4,587	\$4,735	\$4,801
Equity attributable to IEP	\$1,039	\$686	\$648	\$795

Highlights and Recent Developments

Petroleum

- Strategic location and complex refineries allow CVR to benefit from access to price advantaged crude oil
- Complex refineries can process different types of crude oil to optimize profitability
- · Negatively impacted by RIN prices
- Completed business transformation plan to segregate renewables operations in February 2023
- Approximately 201k bpd of crude processing in Kansas and Oklahoma for the second quarter of 2023
- Declared a second quarter 2023 cash dividend of \$0.50 per share and a special cash dividend of \$1.00 per share bringing cumulative dividends declared to date of \$2.00 per share for the six months of 2023

Fertilizer

- CVR Partners owns two nitrogen fertilizer plants strategically located in the Southern Plains and Corn Belt region
- Diverse feedstock exposure through petroleum coke and natural gas
- · Consistently maintain high utilization rates at product facilities
- Declared a second quarter 2023 cash distribution of \$4.14 per common unit bringing cumulative distributions declared to date of \$14.57 per common unit for the six months of 2023

Refer to the Adjusted EBITDA reconciliations in the Appendix.

Balance Sheet data as of the end of each respective period.

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Segment: Automotive

Segment Description

- We conduct our Automotive segment through our wholly owned subsidiary, Icahn Automotive Group LLC ("Icahn Automotive")
- Icahn Automotive is primarily engaged in providing a full range of automotive repair and maintenance services ("Automotive Services") to its customers as well as a retail business which consists of sales of automotive aftermarket parts and retail merchandise ("Aftermarket Parts")
- · AEP PLC is engaged in selling aftermarket parts

Historical Segment Financial Summary

Automotive Segment (1)	FYE	LTM June 30,		
(\$Millions)	2020	2021	2022	2023
Selected Income Statement Data:				
Net sales and other revenue from operations	\$2,478	\$2,394	\$2,394	\$2,092
Adjusted EBITDA ⁽²⁾	(45)	(67)	(31)	11
Net income (loss)	(198)	(260)	(192)	(158)
Segment Balance Sheet Data(3):				
Total assets	\$3,085	\$2,582	\$2,532	\$1,974
Equity attributable to IEP	\$1,554	\$1,575	\$1,530	\$1,108

Highlights and Recent Developments

- Automotive Services provides Do-It-For-Me automotive repair services for retail and fleet customers with over 900 stores and 8,000 service bays located in the United States and Puerto Rico
- The Automotive segment continues to progress through its multi-year transformation plan focused on customer service, quality, and profitable growth
- The newly formed leadership team has focused on key strategic initiatives including:
 - · Expanding our geographic footprint through greenfield growth
 - Increasing efficiencies in existing service locations such as store labor productivity
 - Improving supply chain logistics to reduce material costs, expand product offerings, and increase customer satisfaction
 - Enhancing our marketing vendor partnerships to increase brand visibility and optimize sales

Segment: Real Estate

Segment Description

- Our Real Estate segment consists primarily of investment properties, the development and sale of single-family homes, and the management of club and resort operations
 - Investment properties consist of retail, office and industrial properties leased to corporate tenants
 - Property development focuses on the construction and sale of single-family homes
 - Club and resort operations focuses on operating golf, country club, and resort activities

Historical Segment Financial Summary

Real Estate Segment	FYE	LTM June 30,		
(\$Millions)	2020	2021	2022	2023
Selected Income Statement Data:				
Net sales and other revenue from operations	\$102	\$93	\$118	\$116
Adjusted EBITDA ⁽¹⁾	28	(1)	20	18
Net income (loss)	(16)	(8)	7	6
Segment Balance Sheet Data(2):				
Total assets	\$486	\$526	\$507	\$519
Equity attributable to IEP	\$440	\$472	\$455	\$461

Highlights and Recent Developments

- Business strategy is based on long-term investment outlook and operational expertise
- · Management is actively looking to expand the real estate portfolio
 - Under contract to purchase a 500 acre development site and 36 hole country club with an expected close in the second half of 2023

Investment Property

- Maximize value of commercial lease portfolio through effective management of existing properties
- · Seek to acquire or sell assets on opportunistic basis
- Focused on securing long-term, quality tenants in our commercial office space and continue our positive growth in the retail leasing space

Property Development

- Development of luxury single family homes in the northeast that supplements our country club operations in the area
- Continues strong performance with a healthy backlog of homes under contract with expected closings to continue through 2024

Club and Resort Operations

 Club operations focuses on operating golf and other country club activities in the northeast

Refer to the Adjusted EBITDA reconciliations in the Appendix.

Balance Sheet data as of the end of each respective period.

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All Other Operating Segments

All Other Operating Segments Description

- Food Packaging: We conduct our Food Packaging segment through our majority owned subsidiary, Viskase Companies, Inc. (OTCPK:VKSC), a worldwide leader in the production and sale of cellulosic, fibrous and plastic casings for the processed meat and poultry industry
- Home Fashion: We conduct our Home Fashion segment through our wholly owned subsidiary, WestPoint Home LLC. WestPoint Home LLC is engaged in manufacturing, sourcing, marketing, distributing and selling home fashion consumer products
- <u>Pharma</u>: We conduct our Pharma segment through our wholly owned subsidiary, Vivus LLC. Vivus is a specialty pharmaceutical company with two approved therapies and one product candidate in active clinical development

Other Operating Segments Financial Summary

All Other Operating Segments (1)	FYE	LTM June 30,		
(\$Millions)	2020	2021	2022	2023
Selected Income Statement Data:				
Net sales and other revenue from operations	\$600	\$698	\$718	\$714
Adjusted EBITDA ⁽²⁾	63	62	51	\$65
Net income (loss)	(4)	(13)	(38)	(\$25)
Adjusted EBITDA attributable to IEP ⁽²⁾	52	56	45	\$58
Net income (loss) attributable to IEP	(4)	(13)	(38)	(\$26)
Segment Balance Sheet Data(3):				
Total assets	\$1,040	\$1,010	\$990	\$983
Equity attributable to IEP	\$545	\$534	\$546	\$565

Highlights and Recent Developments

Food Packaging

- Viskase operates plants in the United States, Mexico, Brazil, France, Italy, Germany, Poland, and the Philippines
- Steady growth is projected globally for cellulose casings, with more emphasis on South America and Asia Pacific markets
- Market demand remains strong in mature markets in spite of economic conditions as end products represent a cost-effective and attractive source of protein
- Material and energy challenges experienced in 2022 have been addressed through price, and input costs have stabilized in 2023. Lead times and service have improved as a result of operations and supply chain actions
- Business remains focused on reducing complexity and optimizing product and customer mix, while targeting growth with key customers globally

Home Fashion

- Focus on core profitable customers and product lines
- WPH has implemented a more customer-focused organizational structure with the intent of expanding key customer relationships and rebuilding the company's sales backlog
- · Continued strength with institutional customers

Pharma

 Focused on launching Qsymia in various EU countries and expand licensing agreements globally

¹⁾ All Other operating segments include Food Packaging, Home Fashion, and Pharma. Results for each of these separate segments can be found in our Quarterly Reports on Form 10-Q and our Annual Report on Form 10-K filed with the SEC.

⁽²⁾ Refer to Adjusted EBITDA reconciliation in the Appendix.

⁽³⁾ Balance Sheet data as of the end of each respective period

Financial Performance

Financial Performance

Net Income (Loss) Attributable to **Icahn Enterprises**

LTM FYE December 31,

(16)

(402)

(\$518)

(89)

(175)

(\$183)

(671)

(419)

(\$917)

				Julie 30,
(\$Millions)	2020	2021	2022	2023
Operating Segments:				
Energy	(\$194)	(\$5)	\$304	\$351
Automotive	(198)	(260)	(192)	(158)
Real Estate	(16)	(8)	7	6
Metals	-	186	-	
All Other (2)	(4)	(13)	(38)	(26)
Operating Segments	(412)	(100)	81	173

(765)

(476)

(\$1,653)

Adjusted EBITDA Attributable to Icahn Enterprises (1)

	FY	FYE December 31,				
(\$Millions)	2020	2021	2022	2023		
Operating Segments:						
Energy	(\$15)	\$231	\$707	\$694		
Automotive	(45)	(67)	(31)	11		
Real Estate	28	(1)	20	18		
Metals	20	38	-	-		
All Other (2)	52	56	45	58		
Operating Segments	40	257	741	783		
Investment	(\$673)	\$83	(\$10)	(\$590		
Holding Company	(102)	(67)	27	(25		
Consolidated	(\$735)	\$273	\$758	\$166		

Investment

Consolidated

Holding Company

Refer to the Adjusted EBITDA reconciliations in the Appendix.

All Other operating segments include Food Packaging, Home Fashion, and Pharma. Results for each of these separate segments can be found in our Quarterly Reports on Form 10-Q and our Annual Report on Form 10-K filed with the SEC.

Consolidated Financial Snapshot

	FYE December 31,			Six months er	nded June 30,	LTM June 30,
(\$Millions)	2020	2021	2022	2022	2023	2023
Net Income (Loss):		or of				
Investment	(\$1,447)	(\$32)	(\$223)	\$402	(\$810)	(\$1,435)
Energy	(327)	29	596	368	403	631
Automotive	(198)	(260)	(192)	(43)	(9)	(158)
Real Estate	(16)	(8)	7	4	3	6
Metals	-	186	-	5	-	-
All Other (1)	(4)	(13)	(38)	(6)	7	(25)
Holding Company	(476)	(402)	(175)	(127)	(371)	(419)
Net income (loss)	(\$2,468)	(\$500)	(\$25)	\$598	(\$777)	(\$1,400)
Less: net income (loss) attributable to non-controlling interests	(815)	18	158	403	(238)	(483)
Net income (loss) attributable to Icahn Enterprises	(\$1,653)	(\$518)	(\$183)	\$195	(\$539)	(\$917)
Adjusted EBITDA ⁽²⁾ :						
Investment	(\$1,251)	\$186	(\$50)	\$487	(\$727)	(\$1,264)
Energy	33	462	1,253	758	701	1,196
Automotive	(45)	(67)	(31)	11	53	11
Real Estate	28	(1)	20	10	8	18
Metals	20	38	-	-	-	-
All Other (1)	63	62	51	37	51	65
Holding Company	(102)	(67)	27	37	(15)	(25)
Consolidated Adjusted EBITDA	(\$1,254)	\$613	\$1,270	\$1,340	\$71	\$1
Less: Adjusted EBITDA attributable to non-controlling interests	(519)	340	512	598	(79)	(165)
Adjusted EBITDA attributable to Icahn Enterprises	(\$735)	\$273	\$758	\$742	\$150	\$166
Capital Expenditures	\$199	\$305	\$338	\$154	\$131	\$315

⁽¹⁾ All Other operating segments include Food Packaging, Home Fashion, and Pharma. Results for each of these separate segments can be found in our Quarterly Reports on Form 10-Q and our Annual Report on Form 10-K filed with the SEC. (2) Refer to the Adjusted EBITDA reconciliations in the Appendix.

Balance Sheet

	As of June 30, 2023								
				Food		Home		Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging ⁽¹⁾	Real Estate	Fashion ⁽¹⁾	Pharma ⁽¹⁾	Company	Consolidated
ASSETS									
Cash and cash equivalents	\$22	\$751	\$59	\$7	\$46	\$5	\$24	\$1,574	\$2,488
Cash held at consolidated affiliated									
partnerships and restricted cash	2,401	7	9	-	7	3	2	171	2,598
Investments	4,821	102	-	-	14	-	-	-	4,937
Accounts receivable, net	_	300	39	90	15	27	24	_	495
Inventories, net	-	524	260	111	2	90	30	-	1,015
Related party notes receivable	2	_	-	-	-	-	2	82	82
Property, plant and equipment, net	-	2,630	792	137	341	54	-	5	3,959
Goodwill and intangible assets, net	-	189	346	24	-	19	212	-	790
Other assets	4,644	298	469	104	96	17	5	217	5,850
Total assets	\$11,888	\$4,801	\$1,974	\$473	\$519	\$215	\$295	\$2,049	\$22,214
LIABILITIES AND EQUITY									
Accounts payable, accrued expenses									
and other liabilities	\$1,637	\$1,727	\$847	\$140	\$53	\$44	\$58	\$73	\$4,579
Securities sold, not yet purchased, at									
fair value	3,370	-	-	-	-	-	-	-	3,370
Debt	_	1,591	19	150	1	9	-	5,308	7,078
Total liabilities	\$5,007	\$3,318	\$866	\$290	\$54	\$53	\$58	\$5,381	\$15,027
Equity attributable to Icahn Enterprises	\$3,799	\$795	\$1,108	\$166	\$461	\$162	\$237	(\$3,332)	\$3,396
Equity attributable to non-controlling									
interests	3,082	688	-	17	4	-	-	-	3,791
Total equity	\$6,881	\$1,483	\$1,108	\$183	\$465	\$162	\$237	(\$3,332)	\$7,187
Total liabilities and equity	\$11,888	\$4,801	\$1,974	\$473	\$519	\$215	\$295	\$2,049	\$22,214

⁽¹⁾ All Other operating segments includes Food Packaging, Home Fashion, and Pharma.

IEP Summary Financial Information

Company's calculation of Indicative Net Asset Value:

	As of											
(\$Millions)	6/	30/2022	9/	30/2022	12,	/31/2022	3/	31/2023	6/3	30/2023		
Market-valued Subsidiaries and Investments:												
Holding Company interest in Investment Funds ⁽¹⁾	\$	4,469	\$	4,387	\$	4,184	\$	4,013	\$	3,799		
CVR Energy ⁽²⁾		2,385		2,063		2,231		2,334		2,133		
Total market-valued Subsidiaries and Investments:	\$	6,854	\$	6,450	\$	6,415	\$	6,347	\$	5,932		
Other Subsidiaries:												
Viskase ⁽³⁾		210		207		243		285		341		
Real Estate Holdings ⁽¹⁾		459		458		455		457		461		
WestPoint Home ⁽¹⁾		137		126		156		161		162		
Vivus ⁽¹⁾		251		245		241		237		237		
Automotive Services ⁽⁴⁾		851		645		490		573		608		
Automotive Parts ⁽¹⁾⁽⁵⁾⁽⁶⁾		479		490		381		-		11		
Automotive Owned Real Estate Assets ⁽⁷⁾		1,187		1,187		831		831		831		
Icahn Automotive Group		2,517		2,322		1,702		1,404		1,450		
Total Other Subsidiaries	\$	3,574	\$	3,358	\$	2,797	\$	2,544	\$	2,651		
Add: Other net assets ⁽⁸⁾		15		(9)		20		130		173		
Indicative Gross Asset Value	\$	10,443	\$	9,799	\$	9,232	\$	9,021	\$	8,756		
Add: Holding Company cash and cash equivalents ⁽⁹⁾		1,446		1,671		1,720		1,868		1,574		
Less: Holding Company debt ⁽⁹⁾		(5,310)		(5,310)		(5,309)		(5,309)		(5,308)		
Indicative Net Asset Value	\$	6,579	\$	6,160	\$	5,643	\$	5,580	\$	5,022		

Note: Refer to Use of Indicative Net Asset Value Data on next page for footnotes and additional information.

IEP Summary Financial Information

Use of Indicative Net Asset Value Data

The Company uses indicative net asset value as an additional method for considering the value of the Company's assets, and we believe that this information can be helpful to investors. Please note, however, that the indicative net asset value does not represent the market price at which the depositary units trade. Accordingly, data regarding indicative net asset value is of limited use and should not be considered in isolation.

Indicative net asset value does not purport to reflect a valuation of IEP. The calculated Indicative net asset value does not include any value for our Investment Segment other than the fair market value of our investment in the Investment Funds and other net assets attributable to IEP. A valuation is a subjective exercise and Indicative net asset value does not necessarily consider all elements or consider in the adequate proportion the elements that could affect the valuation of IEP. Investors may reasonably differ on what such elements are and their impact on IEP. No representation or assurance, express or implied, is made as to the accuracy and correctness of Indicative net asset value as of these dates or with respect to any future indicative or prospective results which may vary.

Footnotes to Company's calculation of Indicative Net Asset Value:

- (1) Represents GAAP equity attributable to us as of each respective date.
- (2) Based on closing share price on each date (or if such date was not a trading day, the immediately preceding trading day) and the number of shares owned by the Holding Company as of each respective date.
- (3) Amounts based on market comparables due to lack of material trading volume, valued at 9.0x Adjusted EBITDA for the trailing twelve months ended as of each respective date.
- (4) Amounts based on market comparables, valued at 14.0x Adjusted EBITDA for the trailing twelve months ended as of each respective date.
- (5) On January 31, 2023, a subsidiary of Icahn Automotive, IEH Auto Parts Holding LLC and its subsidiaries ("Auto Plus"), an aftermarket parts distributor held within our Automotive segment, filed voluntary petitions in the United States Bankruptcy Court. As a result, IEP deconsolidated Auto Plus, writing down its remaining equity interest to zero which is offset by the recognition of a related party note receivable reflected in Other Net Assets.
- (6) During Q2 2023, a wholly owned subsidiary of IEP within the Automotive Segment acquired assets from the Auto Plus bankruptcy auction.
- (7) Management performed a valuation on the owned real-estate with the assistance of third-party consultants to estimate fair-market-value. This analysis utilized property-level market rents, location level profitability, and utilized prevailing cap rates ranging from 6.8% to 8.0% as of June 30, 2023, March 31, 2023 and December 31, 2022, and 5.5% to 6.5% as of June 30, 2022 and September 30, 2022. The valuation assumed that triple net leases are in place for all the locations at rents estimated by management based on market conditions. There is no assurance we would be able to sell the assets on the timeline or at the prices and lease terms we estimate. Different judgments or assumptions would result in different estimates of the value of these real estate assets. Moreover, although we evaluate and provide our Indicative Net Asset Value on a regular basis, the estimated values may fluctuate in the interim, so that any actual transaction could result in a higher or lower valuation.
- (8) Represents GAAP equity of the Holding Company Segment, excluding cash and cash equivalents, debt and non-cash deferred tax assets or liabilities. As of June 30, 2023, Other Net Assets includes \$20 million of Automotive Segment liabilities assumed from the Auto Plus bankruptcy
- (9) Holding Company's balance as of each respective date.

Adjusted EBITDA Reconciliations

Non-GAAP Financial Measures

The Company uses certain non-GAAP financial measures in evaluating its performance. These include non-GAAP EBITDA and Adjusted EBITDA represents earnings from continuing operations before interest expense, income tax (benefit) expense and depreciation and amortization. We define Adjusted EBITDA as EBITDA excluding certain effects of impairment, restructuring costs, certain pension plan expenses, gains/losses on disposition of assets, gains/losses on extinguishment of debt and certain other non-operational charges. We present EBITDA and Adjusted EBITDA on a consolidated basis and on a basis attributable to Icahn Enterprises net of the effects of non-controlling interests. We conduct substantially all of our operations through subsidiaries. The operating results of our subsidiaries my not be sufficient to make distributions to us. In addition, our subsidiaries are not obligated to make funds available to us for payment of our indebtedness, payment of distributions on our depositary units or otherwise, and distributions and intercompany transfers from our subsidiaries to us may be restricted by applicable law or covenants contained in debt agreements and other agreements to which these subsidiaries currently may be subject or into which they may enter into in the future. The terms of any borrowings of our subsidiaries or other entities in which we own equity may restrict dividends, distributions or loans to us.

We believe that providing EBITDA and Adjusted EBITDA to investors has economic substance as these measures provide important supplemental information of our performance to investors and permits investors and management to evaluate the core operating performance of our business without regard to interest, taxes and depreciation and amortization and certain effects of impairment, restructuring costs, certain pension plan expenses, gains/losses on disposition of assets, gains/losses on extinguishment of debt and certain other non-operational charges. Additionally, we believe this information is frequently used by securities analysts, investors and other interested parties in the evaluation of companies that have issued debt. Management uses, and believes that investors benefit from referring to, these non-GAAP financial measures in assessing our operating results, as well as in planning, forecasting and analyzing future periods. Adjusting earnings for these charges allows investors to evaluate our performance from period to period, as well as our peers, without the effects of certain items that may vary depending on accounting methods and the book value of assets. Additionally, EBITDA and Adjusted EBITDA present meaningful measures of performance exclusive of our capital structure and the method by which assets were acquired and financed.

EBITDA and Adjusted EBITDA have limitations as analytical tools, and you should not consider them in isolation, or as substitutes for analysis of our results as reported under generally accepted accounting principles in the United States, or U.S. GAAP. For example, EBITDA and Adjusted EBITDA:

- · do not reflect our cash expenditures, or future requirements for capital expenditures, or contractual commitments;
- do not reflect changes in, or cash requirements for, our working capital needs; and
- do not reflect the significant interest expense, or the cash requirements necessary to service interest or principal payments on our debt.

Although depreciation and amortization are non-cash charges, the assets being depreciated or amortized often will have to be replaced in the future, and EBITDA and Adjusted EBITDA do not reflect any cash requirements for such replacements. Other companies in the industries in which we operate may calculate EBITDA and Adjusted EBITDA differently than we do, limiting their usefulness as comparative measures. In addition, EBITDA and Adjusted EBITDA do not reflect the impact of earnings or charges resulting from matters we consider not to be indicative of our ongoing operations.

EBITDA and Adjusted EBITDA are not measurements of our financial performance under U.S. GAAP and should not be considered as alternatives to net income or any other performance measures derived in accordance with U.S. GAAP or as alternatives to cash flow from operating activities as a measure of our liquidity. Given these limitations, we rely primarily on our U.S. GAAP results and use EBITDA and Adjusted EBITDA only as a supplemental measure of our financial performance.

Adjusted EBITDA Reconciliation by Segment – Year Ended December 31, 2022

				Food		Home		Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging (1)	Real Estate	Fashion (1)	Pharma ⁽¹⁾	Company	Consolidated
Adjusted EBITDA:									
Net income (loss)	(\$223)	\$596	(\$192)	\$2	\$7	(\$22)	(\$18)	(\$175)	(\$25)
Interest expense, net	173	84	2	8	-	3	(1)	259	528
Income tax expense (benefit)	-	140	(54)	7	-	-	-	(59)	34
Depreciation and amortization	-	353	80	27	13	7	28	1	509
EBITDA before non-controlling interests	(\$50)	\$1,173	(\$164)	\$44	\$20	(\$12)	\$9	\$26	\$1,046
Restructuring costs	-	-	-	-	-	2	-	-	2
(Gain) loss on disposition of assets, net	-	-	(3)	-	-	-	-	-	(3)
Transformation losses	-	-	53	_	2	2	_	-	53
Net (gain) loss on extinguishment of debt	-	-	-	-	-	-	-	1	1
Out of period adjustments	-	-	51	1	-	-	-	-	52
Call option lawsuits settlement	-	79	-	-	-	-	-	-	79
Other	2	1	32	6	2	-	1	_	40
Adj. EBITDA before non-controlling interests	(\$50)	\$1,253	(\$31)	\$51	\$20	(\$10)	\$10	\$27	\$1,270
Adjusted EBITDA attributable to IEP:									
Net income (loss)	(\$89)	\$304	(\$192)	\$2	\$7	(\$22)	(\$18)	(\$175)	(\$183)
Interest expense, net	79	44	2	7	-	3	(1)	259	393
Income tax expense (benefit)	-	103	(54)	6	-	-	-	(59)	(4)
Depreciation and amortization	-	199	80	24	13	7	28	1	352
EBITDA attributable to IEP	(\$10)	\$650	(\$164)	\$39	\$20	(\$12)	\$9	\$26	\$558
Restructuring costs	-	-	-	-	-	2	-	-	2
(Gain) loss on disposition of assets, net	-	-	(3)	-	-	-	-	-	(3)
Transformation losses	-	2	53	2	2	-	-	2	53
Net (gain) loss on extinguishment of debt	-	-	-	-	-	-	-	1	1
Out of period adjustments	-	-	51	1	-	-	-	-	52
Call option lawsuits settlement	-	56	-	-	-	-	-		56
Other	2	1	32	5	2	_	1		39
Adjusted EBITDA attributable to IEP	(\$10)	\$707	(\$31)	\$45	\$20	(\$10)	\$10	\$27	\$758

⁽¹⁾ The presentation of Adjusted EBITDA for "All Other Operating Segments" included in this presentation consists of results from our Food Packaging, Home Fashion, and Pharma segment

Adjusted EBITDA Reconciliation by Segment – Year Ended December 31, 2021

				Food		Home			Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging (1)	Real Estate	Fashion (1)	Pharma ⁽¹⁾	Metals	Company	Consolidate
Adjusted EBITDA:										
Net income (loss)	(\$32)	\$29	(\$260)	(\$2)	(\$8)	(\$8)	(\$3)	\$186	(\$402)	(\$500)
Interest expense, net	218	109	7	6	-	2	-	1	318	661
Income tax expense (benefit)	-	(27)	(72)	4	-	(2)	-	-	19	(78)
Depreciation and amortization	-	343	87	28	9	7	28	14	1	517
EBITDA before non-controlling interests	\$186	\$454	(\$238)	\$36	\$1	(\$1)	\$25	\$201	(\$64)	\$600
Restructuring costs	-	-	-	1	-	-	-	-	-	1
(Gain) loss on disposition of assets, net	-	-	22	-	(3)	-	-	(163)	-	(144)
Transformation losses	_	_	149	-	-	-	-	-	-	149
Net (gain) loss on extinguishment of debt	-	8	-	-	-	-	-		(3)	5
Other	-	-	-	14	1	1	(14)	-	-	2
Adj. EBITDA before non-controlling interests	\$186	\$462	(\$67)	\$51	(\$1)	\$0	\$11	\$38	(\$67)	\$613
Adjusted EBITDA attributable to IEP:										
Net income (loss)	(\$16)	(\$5)	(\$260)	(\$2)	(\$8)	(\$8)	(\$3)	\$186	(\$402)	(\$518)
Interest expense, net	99	48	7	5	-	2	(4-7	1	318	480
Income tax expense (benefit)		(14)	(72)	3	-	(2)	-		19	(66)
Depreciation and amortization	-	196	87	25	9	7	28	14	1	367
EBITDA attributable to IEP	\$83	\$225	(\$238)	\$31	\$1	(\$1)	\$25	\$201	(\$64)	\$263
Restructuring costs	-	-	-	1	-	-	-	-	-	1
(Gain) loss on disposition of assets, net	-	_	22	-	(3)	-	_	(163)	-	(144)
Transformation losses	-	-	149	-	-		-		-	149
Net (gain) loss on extinguishment of debt	-	6	-	-	-			-	(3)	3
Other	-		-	13	1	1	(14)			1
Adjusted EBITDA attributable to IEP	\$83	\$231	(\$67)	\$45	(\$1)	\$0	\$11	\$38	(\$67)	\$273

⁽¹⁾ The presentation of Adjusted EBITDA for "All Other Operating Segments" included in this presentation consists of results from our Food Packaging, Home Fashion, and Pharma segments

Adjusted EBITDA Reconciliation by Segment – Year Ended December 31, 2020

1				Food		Home	1	4	Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging (1)	Real Estate	Fashion (1)	Pharma ⁽¹⁾	Metals	Company	Consolidated
Adjusted EBITDA:										
Net income (loss)	(\$1,447)	(\$327)	(\$198)	\$4	(\$16)	(\$7)	(\$1)	\$0	(\$476)	(\$2,468)
Interest expense, net	196	121	12	11	-	1	-	1	328	670
Income tax expense (benefit)	-	(112)	(54)	8	-	-	-	-	42	(116)
Depreciation and amortization	-	343	95	27	17	8	2	18		510
EBITDA before non-controlling interests	(\$1,251)	\$25	(\$145)	\$50	\$1	\$2	\$1	\$19	(\$106)	(\$1,404)
Impairment of assets	-	-	-	-	7	3	-	1		11
Restructuring costs			-	1	-	-	-	1		2
(Gain) loss on disposition of assets, net	-	-	6	-	5	-	-	(1)		10
Transformation losses	(4)	-	94	-	-	-	-	-		94
Net (gain) loss on extinguishment of debt	-	8	-		-			-	4	12
Other	-	-		8	15	(2)	-	-		21
Adj. EBITDA before non-controlling interests	(\$1,251)	\$33	(\$45)	\$59	\$28	\$3	\$1	\$20	(\$102)	(\$1,254)
Adjusted EBITDA attributable to IEP:	(4)	******	******		****		***	4-	*****	
Net income (loss)	(\$765)	(\$194)	(\$198)	\$4	(\$16)	(\$7)	(\$1)	\$0	(\$476)	(\$1,653)
Interest expense, net	92	56	12	9	-	1	-	1	328	499
Income tax expense (benefit)	-	(74)	(54)	7	-	-	-	-	42	(79)
Depreciation and amortization	-	191	95	22	17	8	2	18	-	353
EBITDA attributable to IEP	(\$673)	(\$21)	(\$145)	\$42	\$1	\$2	\$1	\$19	(\$106)	(\$880)
Impairment of assets	-	-	-	-	7	3	-	1	-	11
Restructuring costs	-	-	-	1	-	-	~	1	-	2
(Gain) loss on disposition of assets, net	S= S	-	6	-	5	-	-	(1)	-	10
Transformation losses	-	-	94	-	-	-	-	-	-	94
Net (gain) loss on extinguishment of debt	-	6	-	-	-	-	-	-	4	10
Other	-	-	_	5	15	(2)	_	-	-	18
Adjusted EBITDA attributable to IEP	(\$673)	(\$15)	(\$45)	\$48	\$28	\$3	\$1	\$20	(\$102)	(\$735)

⁽¹⁾ The presentation of Adjusted EBITDA for "All Other Operating Segments" included in this presentation consists of results from our Food Packaging, Home Fashion, and Pharma segments

Adjusted EBITDA Reconciliation by Segment – Last Twelve Months Ended June 30, 2023

				Food		Home		Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging (1)	Real Estate	Fashion (1)	Pharma ⁽¹⁾	Company	Consolidated
Adjusted EBITDA:									
Net income (loss)	(\$1,435)	\$631	(\$158)	\$11	\$6	(\$22)	(\$14)	(\$419)	(\$1,400)
Interest expense, net	171	68	2	11	-	2	(1)	212	465
Income tax expense (benefit)	-	142	(46)	5	-	-	-	(181)	(80)
Depreciation and amortization	-	354	81	27	13	7	28	1	511
EBITDA before non-controlling interests	(\$1,264)	\$1,195	(\$121)	\$54	\$19	(\$13)	\$13	(\$387)	(\$504)
Credit loss on related party note receivable	-	-	-	-	-	-	-	116	116
Loss on deconsolidation of subsidiary	-	-	-	-	-	-	-	246	246
Restructuring costs	-	-	-	-	-	2	-	-	2
(Gain) loss on disposition of assets, net	-	-	(4)	-	-	-	-	-	(4)
Transformation losses	2	_	44	-	-	-	-	-	44
Out of period adjustments	-	_	59	1	-	-	-	-	60
Other	-	1	33	7	(1)	-	1	-	41
Adj. EBITDA before non-controlling interests	(\$1,264)	\$1,196	\$11	\$62	\$18	(\$11)	\$14	(\$25)	\$1
Adjusted EBITDA attributable to IEP:									
Net income (loss)	(\$671)	\$351	(\$158)	\$10	\$6	(\$22)	(\$14)	(\$419)	(\$917)
Interest expense, net	81	34	2	9	-	2	(1)	212	339
Income tax expense (benefit)	-	105	(46)	4	-	0.40	-	(181)	(118)
Depreciation and amortization		203	81	25	13	7	28	1	358
EBITDA attributable to IEP	(\$590)	\$693	(\$121)	\$48	\$19	(\$13)	\$13	(\$387)	(\$338)
Credit loss on related party note receivable	_	-	-	-	_	102	_	116	116
Loss on deconsolidation of subsidiary	-	-	-	-	-	3-0	-	246	246
Restructuring costs	-	-	-	-	-	2	-	-	2
(Gain) loss on disposition of assets, net	-	-	(4)	-	-	-	-	-	(4)
Transformation losses	-	_	44	-	-	-	-	-	44
Out of period adjustments	-	-	59	1	-	-	-	-	60
Other	-	1	33	6	(1)	-	1	-	40
Adjusted EBITDA attributable to IEP	(\$590)	\$694	\$11	\$55	\$18	(\$11)	\$14	(\$25)	\$166

⁽¹⁾ The presentation of Adjusted EBITDA for "All Other Operating Segments" included in this presentation consists of results from our Food Packaging, Home Fashion, and Pharma segments

Adjusted EBITDA Reconciliation by Segment – Six Months Ended June 30, 2023

				Food		Home		Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging (1)	Real Estate	Fashion (1)	Pharma ⁽¹⁾	Company	Consolidated
Adjusted EBITDA:									
Net income (loss)	(\$810)	\$403	(\$9)	\$12	\$3	(\$1)	(\$4)	(\$371)	(\$777)
Interest expense, net	83	32	1	6	-	-	-	96	218
Income tax expense (benefit)	-	93	(6)	1	-		-	(102)	(14)
Depreciation and amortization	-	173	41	14	6	3	14		251
EBITDA before non-controlling interests	(\$727)	\$701	\$27	\$33	\$9	\$2	\$10	(\$377)	(\$322)
Credit loss on related party note receivable	-	-	_	-	_	-	-	116	116
Loss on deconsolidation of subsidiary	-	-	-	-	-	-	-	246	246
Loss / (Gain) on disposition of assets	-	-	(3)	-	-	-	-	-	(3)
Transformation losses	-	-	20	-	-	-	-	-	20
Out of period adjustments	-	-	8	_	-	-	_	_	8
Other	-	-	1	6	(1)	-	-	-	6
Adj. EBITDA before non-controlling interests	(\$727)	\$701	\$53	\$39	\$8	\$2	\$10	(\$15)	\$71
Adjusted EBITDA attributable to IEP:									
Net income (loss)	(\$386)	\$218	(\$9)	\$11	\$3	(\$1)	(\$4)	(\$371)	(\$539)
Interest expense, net	41	16	1	5	-	(\$2)	(\$1)	96	159
Income tax expense (benefit)	-	68	(6)	1	_	_	-	(102)	(39)
Depreciation and amortization	-	100	41	13	6	3	14	(/	177
EBITDA attributable to IEP	(\$345)	\$402	\$27	\$30	\$9	\$2	\$10	(\$377)	(\$242)
Credit loss on related party note receivable	-			-		-	-	116	116
Loss on deconsolidation of subsidiary	-	-	-	-	-	-	-	246	246
Loss / (Gain) on disposition of assets	-	-	(3)	-	_		-		(3)
Transformation losses	-	-	20	-	-	-	-		20
Out of period adjustments	-	-	8	_	-		-		8
Other	-	-	1	5	(1)	-			5
Adjusted EBITDA attributable to IEP	(\$345)	\$402	\$53	\$35	\$8	\$2	\$10	(\$15)	\$150

⁽¹⁾ The presentation of Adjusted EBITDA for "All Other Operating Segments" included in this presentation consists of results from our Food Packaging, Home Fashion, and Pharma segments

Adjusted EBITDA Reconciliation by Segment – Six Months Ended June 30, 2022

				Food		Home	41)	Holding	
(\$Millions)	Investment	Energy	Automotive	Packaging (1)	Real Estate	Fashion (1)	Pharma ⁽¹⁾	Company	Consolidated
Adjusted EBITDA:									
Net income (loss)	\$402	\$368	(\$43)	\$3	\$4	(\$1)	(\$8)	(\$127)	\$598
Interest expense, net	85	48	1	3		1	-	143	281
Income tax expense (benefit)	-	91	(14)	3	-	-	-	20	100
Depreciation and amortization		172	40	14	6	3	14	-	249
EBITDA before non-controlling interests	\$487	\$679	(\$16)	\$23	\$10	\$3	\$6	\$36	\$1,228
Loss / (Gain) on disposition of assets	2	-	(2)	-	-	0.20	-	-	(2)
Transformation losses	-	-	29	-	-		-	-	29
Net loss / (gain) on extinguishment of debt	-	-	-	-	-		-	1	1
Call option lawsuits settlement	-	79	-	-	-	-	-	-	79
Other	-	-	-	5	-	-	-	-	5
Adj. EBITDA before non-controlling interests	\$487	\$758	\$11	\$28	\$10	\$3	\$6	\$37	\$1,340
Adjusted EBITDA attributable to IEP:									
Net income (loss)	\$196	\$171	(\$43)	\$3	\$4	(\$1)	(\$8)	(\$127)	\$195
Interest expense, net	39	26	1	3	-	1	-	143	213
Income tax expense (benefit)	-	66	(14)	3	-	-	-	20	75
Depreciation and amortization	-	96	40	12	6	3	14	-	171
EBITDA attributable to IEP	\$235	\$359	(\$16)	\$21	\$10	\$3	\$6	\$36	\$654
Loss / (Gain) on disposition of assets	-	-	(2)	-	-	-	-	-	(2)
Transformation losses	_	-	29	-	-	-	-	-	29
Net loss / (gain) on extinguishment of debt	-	-	-	_	-	-	_	1	1
Call option lawsuits settlement	-	56	-	-	-	-	-	-	56
Other	-	-	-	4	-	-	-	-	4
Adjusted EBITDA attributable to IEP	\$235	\$415	\$11	\$25	\$10	\$3	\$6	\$37	\$742

⁽¹⁾ The presentation of Adjusted EBITDA for "All Other Operating Segments" included in this presentation consists of results from our Food Packaging, Home Fashion, and Pharma segment