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Contact: Michael DeVeau Chief Investor Relations & Communications Officer 212.708.7164 Michael.DeVeau@iff.com



PRESS RELEASE

IFF Reports Second Quarter 2022 Results

NEW YORK - Aug. 8, 2022 - International Flavors & Fragrances Inc. (NYSE: IFF) reported financial results for the second quarter ended June 30, 2022.

Second Quarter 2022 Consolidated Summary:

	Reported (GAAP)		Adjusted (Non-GAAP) ¹						
Sales	Income Before Taxes	EPS	Operating EBITDA	Operating EBITDA Margin	EPS ex Amortization				
\$3.3 B	\$130 M	\$0.43	\$700 M	21.2%	\$1.54				

First Six Months 2022 Consolidated Summary:

	Reported (GAAP)		Adjusted (Non-GAAP) ¹					
Sales	Income Before Taxes	EPS	Operating EBITDA	Operating EBITDA Margin	EPS ex Amortization			
\$6.5 B	\$415 M	\$1.38	\$1.4 B	21.5%	\$3.23			

Management Commentary

"We continued to execute on our near-term operational priorities to achieve strong top and bottomline results in the second quarter," said IFF CEO Frank Clyburn. "Our teams have acted with urgency to implement necessary pricing actions in collaboration with our customers and delivered productivity benefits that offset on-going inflationary pressures. Going forward, we are preparing for more uncertain market conditions, yet remain confident in delivering our full year financial objectives. At the same time, we are advancing our strategic efforts, deploying innovation, refining our portfolio and strengthening our culture to deliver strong value creation for all our stakeholders. Reflecting our confidence, we are pleased to announce that we are raising our quarterly dividend. This marks thirteen years of consecutive dividend increases and underscores our belief in our business, and strong future cash-flow generation."

Second Quarter 2022 Consolidated Financial Results

- Reported net sales for the second quarter were \$3.31 billion, an increase of 7% compared to the prior-year period. On a comparable basis², currency neutral sales increased 11%, led by double-digit growth in Nourish and Pharma Solutions.
- Income before taxes on a reported basis for the second quarter was \$130 million. Adjusted operating EBITDA for the second quarter was \$700 million, an increase of 3% from \$679 million in the prior-year period. On a comparable basis², currency neutral adjusted operating EBITDA increased 7%, driven by pricing actions and productivity gains.
- Reported earnings per share (EPS) for the second quarter was \$0.43. Adjusted EPS excluding amortization was \$1.54 per diluted share.

¹ Schedules at the end of this release contain reconciliations of reported GAAP to Non-GAAP metrics. See Use of Non-GAAP Financial Measures for explanations of our Non-GAAP metrics.

² Comparable results for the second quarter exclude the impact of divestitures in the prior year period and acquisitions in the current-year period.

 Cash flow from operations at the end of the second quarter was \$(100) million, and free cash flow defined as cash flow from operations less capital expenditures totaled \$(336) million, principally due to higher inventory value as a result of inflationary pressures. Net debt to credit adjusted EBITDA at the end of the second quarter was 4.4x.

	Reported (GAAP)	Adjusted (Non-GAAP)	Comparable Currency Neutral (Non-GAAP) ²	Comparable Currency Neutral Adjusted (Non-GAAP) ²
	Sales	Operating EBITDA	Sales	Operating EBITDA
Nourish	9%	13%	15%	18%
Health & Biosciences	4%	(3)%	4%	(2)%
Scent	5%	(21)%	9%	(17)%
Pharma Solutions	5%	21%	10%	25%

Second Quarter 2022 Segment Summary: Growth vs. Prior Year

Nourish Segment

- On a reported basis, second quarter sales were \$1.82 billion. On a comparable basis², currency neutral sales grew 15% led by double-digit growth in Food Designs and high single-digit growth in Flavors.
- Nourish adjusted operating EBITDA was \$365 million and adjusted operating EBITDA margin was 20.1% in the second quarter. On a comparable basis², currency neutral adjusted operating EBITDA grew 18% driven by strong pricing actions and productivity gains.

Health & Biosciences Segment

- On a reported basis, second quarter sales were \$665 million. On a comparable basis², currency neutral sales increased 4% led by double-digit growth in Microbial Control, high single-digit increases in Health and Cultures & Food Enzymes and a mid single-digit increase in Animal Nutrition.
- Health & Biosciences adjusted operating EBITDA was \$184 million and adjusted operating EBITDA margin was 27.7% in the second quarter. On a comparable basis², currency neutral adjusted operating EBITDA declined 2% as price increases and productivity gains were offset by lower volumes and unfavorable mix.

Scent Segment

- On a reported basis, second quarter sales were \$580 million. On a comparable basis^{2,} currency neutral sales increased 9% with double-digit growth in Fine Fragrance, high single-digit growth in Fragrance Ingredients and low single-digit growth from Consumer Fragrance.
- Scent adjusted operating EBITDA was \$93 million and adjusted operating EBITDA margin was 16.0% in the second quarter. On a comparable basis², currency neutral adjusted operating EBITDA declined 17% due to the time lag between full price realization relative to inflationary pressures.

Pharma Solutions Segment

- On a reported basis, second quarter sales were \$244 million. On a comparable basis², currency neutral sales increased 10% with double-digit growth in Industrial and a high single-digit increase in Pharma.
- Pharma Solutions adjusted operating EBITDA was \$58 million and adjusted operating EBITDA margin was 23.8% in the second quarter. On a comparable basis², currency neutral adjusted operating EBITDA grew 25% led by price increases and productivity gains.

Impairment of Long-Lived Assets

During the second quarter of 2022, the Company recognized an impairment charge of \$120 million within certain entities in Russia due to supply chain issues, reduced product demand and exchange rate volatility as a result of the Russia-Ukraine conflict. It was determined that such declines in operating performance were not expected to reverse in the near future and future expected growth is expected to be limited given the operating conditions in Russia. This non-cash impairment charge was allocated pro rata to intangible assets and property, plant and equipment within the asset group in the amounts of approximately \$92 million and \$28 million, respectively. The Company maintains operations in both Russia and Ukraine and, additionally, exports products to customers in Russia and Ukraine from operations outside the region. In response to the events in Ukraine, the Company has

limited the production and supply of ingredients in and to Russia to only those that meet the essential needs of people, including food, hygiene and medicine.

Quarterly Dividend

On August 3, 2022, the Board of Directors authorized a 3%, or \$0.02 increase, in the quarterly dividend to \$0.81 per share of the Company's common stock. The quarterly dividend is payable on October 5, 2022 to shareholders of record as of September 23, 2022. Including this authorization, IFF has increased its quarterly dividend payment for the thirteenth consecutive year.

Amendment to Existing Debt Agreements

On August 4, 2022, IFF amended its existing Term Loan Credit Agreement and Revolving Credit Agreement. These proactive amendments, in cooperation with supporting banks, delay certain step downs from maximum permitted leverage ratio of 4.50 to 1.0, stepping down to 3.50 to 1.0 over time, with the first step-down now occurring at the end of the third quarter 2023 versus the end of the fourth quarter 2022 previously.

Financial Guidance

The Company reaffirms full year 2022 financial guidance. The Company continues to expect full year 2022 sales to be approximately \$12.6 billion to \$13.0 billion, with an expected full year 2022 adjusted operating EBITDA of approximately \$2.5 billion to \$2.6 billion.

The Company continues to expect to deliver comparable currency neutral sales growth of approximately 9% to 12% for the full year 2022, with comparable currency neutral adjusted operating EBITDA growth to be approximately 4% to 8%.

Based on current market foreign exchange rates, the Company now expects that foreign exchange will negatively impact sales growth in 2022 by approximately 5 percentage points (versus 4 previously) and adjusted operating EBITDA growth by approximately 6 percentage points (versus 5 previously).

Audio Webcast

A live webcast to discuss the Company's second quarter 2022 financial results will be held on August 9, 2022, at 9:00 a.m. ET. The webcast and accompanying slide presentation may be accessed on the Company's IR website at <u>ir.iff.com</u>. For those unable to listen to the live webcast, a recorded version will be made available on the Company's website approximately one hour after the event and will remain available on IFF's website for one year.

Cautionary Statement Under The Private Securities Litigation Reform Act of 1995

Statements in this press release, which are not historical facts or information, are "forward-looking statements" within the meaning of The Private Securities Litigation Reform Act of 1995. Such forwardlooking statements are based on management's current assumptions, estimates and expectations including those concerning the impacts of COVID-19 and our plans to respond to its implications; the expected impact of global supply chain challenges: expectations regarding sales and profit for the fiscal year 2022, including the impact of foreign exchange, pricing actions, raw materials, and sourcing, logistics and manufacturing costs; expectations of the impact of inflationary pressures and the pricing actions to offset exposure to such impacts; the impact of high input costs, including commodities, raw materials, transportation and energy; our ability to drive cost discipline measures and the ability to recover margin to pre-inflation levels; the divestiture of our Microbial Control business and the progress of our portfolio optimization strategy, through non-core business divestitures and acquisitions, such as the Health Wright acquisition; our combination with N&B, including the expected benefits and synergies of the N&B Transaction and future opportunities for the combined company, the success of our integration efforts and ability to deliver on our synergy commitments as well as future opportunities for the combined company: our ability to achieve the anticipated benefits of the Frutarom acquisition, including \$145 million of expected synergies; the growth potential of the markets in which we operate, including the emerging markets, expected capital expenditures in 2022, the expected costs and benefits of our ongoing optimization of our manufacturing operations, including the expected number of closings, expected cash flow and availability of capital resources to fund our operations and meet our debt service requirements; our ability to innovate and execute on specific consumer trends and demands; our ability to strengthen our company culture; and our ability to continue to generate value for, and return cash to, our shareholders.

These forward-looking statements should be evaluated with consideration given to the many risks and uncertainties inherent in our business that could cause actual results and events to differ materially from those in the forward-looking statements. Certain of such forward-looking information may be identified by such terms as "expect", "anticipate", "believe", "intend", "outlook", "may", "estimate", "should", "predict" and similar terms or variations thereof. Such forward-looking statements are based on a series of expectations, assumptions, estimates and projections about the Company, are not guarantees of future results or performance, and involve significant risks, uncertainties and other factors, including assumptions and projections, for all forward periods. Our actual results may differ materially from any future results expressed or implied by such forward-looking statements.

Such risks, uncertainties and other factors include, among others, the following: (1) inflationary trends in the price of our input costs, such as raw materials, transportation and energy; (2) supply chain disruptions, geopolitical developments, including the Russia-Ukraine conflict, or climate-change related events (including severe weather events) that may affect our suppliers or procurement of raw materials; (3) disruption in the development, manufacture, distribution or sale of our products from COVID-19 and other public health crises; (4) risks related to the integration of N&B and the Frutarom business, including whether we will realize the benefits anticipated from the acquisitions in the expected time frame; (5) our ability to successfully establish and manage acquisitions, collaborations, joint ventures or partnerships, or the failure to close strategic transactions or divestments; (6) our ability to successfully market to our expanded and diverse customer base; (7) our substantial amount of indebtedness and its impact on our liquidity and ability to return capital to its shareholders; (8) our ability to effectively compete in our market and develop and introduce new products that meet customers' needs; (9) our ability to retain key employees; (10) changes in demand from large multinational customers due to increased competition and our ability to maintain "core list" status with customers; (11) our ability to successfully develop innovative and cost-effective products that allow customers to achieve their own profitability expectations; (12) disruption in the development, manufacture, distribution or sale of our products from natural disasters, public health crises, international conflicts, terrorist acts, labor strikes, political crisis, accidents and similar events; (13) the impact of a significant data breach or other disruption in our information technology systems, and our ability to comply with data protection laws in the U.S. and abroad; (14) volatility and increases in the price of raw materials, energy and transportation; (15) our ability to comply with, and the costs associated with compliance with, regulatory requirements and industry standards, including regarding product safety, quality, efficacy and environmental impact; (16) our ability to meet increasing customer, consumer, shareholder and regulatory focus on sustainability; (17) defect, guality issues (including product recalls), inadequate disclosure or misuse with respect to the products and capabilities; (18) our ability to react in a timely and cost-effective manner to changes in consumer preferences and demands, including increased awareness of health and wellness; (19) our ability to benefit from our investments and expansion in emerging markets; (20) the impact of currency fluctuations or devaluations in the principal foreign markets in which we operate; (21) economic, regulatory and political risks associated with our international operations; (22) the impact of global economic uncertainty on demand for consumer products; (23) our ability to comply with, and the costs associated with compliance with, U.S. and foreign environmental protection laws; (24) our ability to successfully manage our working capital and inventory balances; (25) the impact of the failure to comply with U.S. or foreign anti-corruption and anti-bribery laws and regulations, including the U.S. Foreign Corrupt Practices Act; (26) any impairment of our tangible or intangible long lived assets, including goodwill associated with the N&B merger and the acquisition of Frutarom; (27) our ability to protect our intellectual property rights; (28) the impact of the outcome of legal claims, regulatory investigations and litigation; (29) changes in market conditions or governmental regulations relating to our pension and postretirement obligations; (30) the impact of changes in federal, state, local and international tax legislation or policies, including the Tax Cuts and Jobs Act, with respect to transfer pricing and state aid, and adverse results of tax audits, assessments, or disputes; (31) the impact of the United Kingdom's departure from the European Union; (32) the impact of the phase out of the London Interbank Offered Rate (LIBOR) on interest expense; and (33) risks associated with our CEO transition, including the impact on employee hiring and retention.

The foregoing list of important factors does not include all such factors, nor necessarily present them in order of importance. In addition, you should consult other disclosures made by the Company (such as in our other filings with the SEC or in company press releases) for other factors that may cause actual results to differ materially from those projected by the Company. Please refer to Part I. Item 1A., Risk Factors, of the Company's Annual Report on Form 10-K filed with the SEC on February 28, 2022 for additional information regarding factors that could affect our results of operations, financial condition and liquidity.

We intend our forward-looking statements to speak only as of the time of such statements and do not undertake or plan to update or revise them as more information becomes available or to reflect changes in expectations, assumptions or results. We can give no assurance that such expectations or forward-looking statements will prove to be correct. An occurrence of, or any material adverse change in, one or more of the risk factors or risks and uncertainties referred to in this press release or included in our other periodic reports filed with the SEC could materially and adversely impact our operations and our future financial results. Any public statements or disclosures made by us following this press release that modify or impact any of the forward-looking statements contained in or accompanying this press release will be deemed to modify or supersede such outlook or other forward-looking statements in or accompanying this press release.

Use of Non-GAAP Financial Measures

We provide in this press release non-GAAP financial measures, including: (i) comparable currency neutral sales; (ii) adjusted operating EBITDA and comparable currency neutral adjusted operating EBITDA; (iii) adjusted operating EBITDA margin; (iv) adjusted EPS ex amortization; (v) free cash flow; and (vi) net debt to credit adjusted EBITDA.

Our non-GAAP financial measures are defined below.

Currency Neutral metrics eliminate the effects that result from translating non-U.S. currencies to U.S. dollars. We calculate currency neutral numbers by translating current year invoiced sale amounts at the exchange rates used for the corresponding prior year period. We use currency neutral results in our analysis of subsidiary or segment performance. We also use currency neutral numbers when analyzing our performance against our competitors.

Adjusted operating EBITDA and adjusted operating EBITDA margin exclude depreciation and amortization expense, interest expense, other (expense) income, net, restructuring and other charges and certain non-recurring items such as acquisition related costs, gains on sale of assets, impairment of long-lived assets, shareholder activism related costs, business divestiture costs, employee separation costs, Frutarom acquisition related costs, N&B inventory step-up costs, N&B transaction related costs, integration related costs and the impact of the merger with N&B.

Adjusted EPS ex Amortization excludes the impact of non-operational items including restructuring and other charges, acquisition related costs, gains on sale of assets, impairment of long-lived assets, shareholder activism related costs, business divestiture costs, employee separation costs, Frutarom acquisition related costs, N&B inventory step-up costs, N&B transaction related costs, integration related costs, redemption value adjustment to EPS, the impact of the merger with N&B and non-cash items including the amortization of acquisition related intangible assets.

Free Cash Flow is operating cash flow (i.e. cash flow from operations) less capital expenditures.

Net debt to credit adjusted EBITDA is the leverage ratio used in our credit agreements and defined as net debt (which is debt for borrowed money less cash and cash equivalents) divided by the trailing 12-month credit adjusted EBITDA. Credit adjusted EBITDA is defined as income (loss) before income taxes, depreciation and amortization expense, interest expense, specified items and non-cash items.

Comparable results for the second quarter excludes the impact of divestitures in the prior year period and acquisitions in the current year period.

These non-GAAP measures are intended to provide additional information regarding our underlying operating results and comparable year-over-year performance. Such information is supplemental to information presented in accordance with GAAP and is not intended to represent a presentation in accordance with GAAP. In discussing our historical and expected future results and financial condition, we believe it is meaningful for investors to be made aware of and to be assisted in a better understanding of, on a period-to-period comparable basis, financial amounts both including and excluding these identified items, as well as the impact of exchange rate fluctuations. These non-GAAP measures should not be considered in isolation or as substitutes for analysis of the Company's results under GAAP and may not be comparable to other companies' calculation of such metrics.

The Company cannot reconcile its expected Adjusted Operating EBITDA under "Financial Guidance" without unreasonable effort because certain items that impact net income and other reconciling metrics are out of the Company's control and/or cannot be reasonably predicted at this time. These items include but are not limited to gains (losses) on sale of assets, shareholder activism related costs, business divestiture costs, employee separation costs, N&B inventory step-up costs, N&B transaction related costs, integration related costs and the impact of the merger with N&B.

Welcome to IFF

At IFF (NYSE: IFF), an industry leader in food, beverage, scent, health and biosciences, science and creativity meet to create essential solutions for a better world – from global icons to unexpected innovations and experiences. With the beauty of art and the precision of science, we are an international collective of thinkers who partners with customers to bring scents, tastes, experiences, ingredients and solutions for products the world craves. Together, we will do more good for people and planet. Learn more at iff.com, Twitter, Facebook, Instagram, and LinkedIn.

International Flavors & Fragrances Inc. Consolidated Income (Loss) Statements (Amounts in millions except per share data) (Unaudited)

	Three Months Ended June 30,						Six Months Ended June 30,						
		2022		2021	% Change		2022		2021	% Change			
Net sales	\$	3,307	\$	3,089	7 %	\$	6,533	\$	5,554	18 %			
Cost of goods sold		2,171		2,179	— %		4,252		3,890	9 %			
Gross profit		1,136		910	25 %		2,281		1,664	37 %			
Research and development expenses		158		164	(4)%		315		307	3 %			
Selling and administrative expenses		456		412	11 %		915		863	6 %			
Amortization of acquisition-related intangibles		184		200	(8)%		370		352	5 %			
Impairment of long-lived assets		120		_	NMF		120		_	NMF			
Restructuring and other charges		7		24	(71)%		9		28	(68)%			
Gains on sales of fixed assets		(2)		_	NMF		(2)		_	NMF			
Operating profit		213		110	94 %		554		114	NMF			
Interest expense		77		77	— %		149		142	5 %			
Other expense (income), net		6		(11)	(155)%		(10)		(18)	(44)%			
Income (loss) before taxes		130		44	195 %		415		(10)	NMF			
Provision for income taxes		21		14	50 %		60		—	NMF			
Net income (loss)		109		30	263 %		355		(10)	NMF			
Net income attributable to noncontrolling interests		2		2	— %		4		4	— %			
Net income (loss) attributable to IFF shareholders	\$	107	\$	28	282 %	\$	351	\$	(14)	NMF			
Net income (loss) per share - basic (1)	\$	0.43	\$	0.11		\$	1.38	\$	(0.06)				
Net income (loss) per share - diluted (1)	\$	0.43	\$	0.11		\$	1.38	\$	(0.06)				
Average number of shares outstanding - basic		255		254			255		230				
Average number of shares outstanding - diluted		255		255			255		230				

(1) For 2022 and 2021, net income (loss) per share reflects adjustments related to the redemption value of certain redeemable noncontrolling interests. NMF Not meaningful

International Flavors & Fragrances Inc. Condensed Consolidated Balance Sheets (Amounts in millions) (Unaudited)

	J	une 30, 2022	Dec	ember 31, 2021
Cash, cash equivalents, and restricted cash	\$	573	\$	715
Receivables, net		2,180		1,906
Inventories		2,993		2,516
Other current assets		1,984		1,850
Total current assets		7,730		6,987
Property, plant and equipment, net		4,177		4,368
Goodwill and other intangibles, net		25,938		26,920
Other assets		1,459		1,383
Total assets	\$	39,304	\$	39,658
Short-term borrowings	\$	1,749	\$	632
Other current liabilities		2,971		3,001
Total current liabilities		4,720		3,633
Long-term debt		10,363		10,768
Non-current liabilities		3,842		4,035
Redeemable noncontrolling interests		86		105
Shareholders' equity		20,293		21,117
Total liabilities and shareholders' equity	\$	39,304	\$	39,658

International Flavors & Fragrances Inc. Consolidated Statements of Cash Flows (Amounts in millions) (Unaudited)

	Six Months Ended June 30,					
	2	2022	2021			
Cash flows from operating activities:						
Net income (loss)	\$	355 \$	(10)			
Adjustments to reconcile to net cash (used in) provided by operating activities						
Depreciation and amortization		604	564			
Deferred income taxes		(178)	(137			
(Gains) Losses on sale of assets		(2)				
Stock-based compensation		25	27			
Pension contributions		(17)	(12			
Amortization of inventory step-up		_	377			
Impairment of long-lived assets		120				
Changes in assets and liabilities, net of acquisitions:						
Trade receivables		(363)	(205			
Inventories		(573)	(130			
Accounts payable		143	250			
Accruals for incentive compensation		(62)	7			
Other current payables and accrued expenses		(67)	32			
Other assets/liabilities, net		(85)	(65			
let cash (used in) provided by operating activities		(100)	698			
ash flows from investing activities:						
Cash paid for acquisitions, net of cash received		(123)				
Additions to property, plant and equipment		(236)	(165			
Additions to intangible assets		(2)				
Proceeds from disposal of assets		4	2			
Cash provided by the Merger with N&B		11	193			
let cash (used in) provided by investing activities		(346)	30			
ash flows from financing activities:						
Cash dividends paid to shareholders		(402)	(274			
Increase (decrease) in revolving credit facility and short-term borrowings		351	(104			
Proceeds from issuance of commercial paper (maturities after three months)		160				
Repayments of commercial paper (maturities after three months)		(230)				
Net borrowings of commercial paper (maturities less than three months)		532				
Repayments of long-term debt		_	(24			
Contingent consideration paid		_	(14			
Purchases of redeemable noncontrolling interest		(15)				
Purchases of noncontrolling interest		(6)	_			
Proceeds from issuance of long-term debt			3			
Proceeds from issuance of stock in connection with stock options		7	5			
Employee withholding taxes paid		(20)	(19			
let cash provided by (used in) financing activities		377	(427			
Effect of exchange rates changes on cash, cash equivalents and restricted cash		(74)	(18			
let change in cash, cash equivalents and restricted cash		(143)	283			
Cash, cash equivalents and restricted cash at beginning of year		716	660			
zuon, ouon oquivalonto and roomotod ouon at beginning of year	\$	573 \$	943			

The following table reconciles cash, cash equivalents and restricted cash between the Company's statement of cash flows for the periods ended June 30, 2022 and June 30, 2021 to the amounts reported in the Company's balance sheet:

AMOUNTS IN MILLIONS	June 30, 2022		December 31, 2021		June 30, 2021			December 31, 2020	
Current assets									
Cash and cash equivalents	\$	569	\$	711	\$	935	\$	650	
Restricted cash		4		4		7		7	
Noncurrent assets									
Restricted cash included in Other assets		_		1		1		3	
Cash, cash equivalents and restricted cash	\$	573	\$	716	\$	943	\$	660	

International Flavors & Fragrances Inc. Reportable Segment Performance (Amounts in millions) (Unaudited)

	т	Three Months Ended June 30,			Six Months Ended June 30,					
		2022		2021		2022		2021		
Net Sales										
Nourish	\$	1,818	\$	1,668	\$	3,549	\$	2,976		
Health & Biosciences		665		639		1,326		1,065		
Scent		580		550		1,165		1,119		
Pharma Solutions		244		232		493		394		
Consolidated	\$	3,307	\$	3,089	\$	6,533	\$	5,554		
Segment Adjusted Operating EBITDA							-			
Nourish	\$	365	\$	324	\$	694	\$	594		
Health & Biosciences		184		190		376		318		
Scent		93		117		209		245		
Pharma Solutions		58		48		123		91		
Total		700		679		1,402	-	1,248		
Depreciation & Amortization		(301)		(322)		(604)		(564)		
Interest Expense		(77)		(77)		(149)		(142)		
Other (Expense) Income, net		(6)		11		10		18		
Acquisition Related Costs		(1)				(1)		_		
Restructuring and Other Charges		(7)		(24)		(9)		(28)		
Gains on sales of fixed assets		2		—		2		—		
Impairment of Long-Lived Assets		(120)		—		(120)		_		
Shareholder Activism Related Costs		_		_		(3)		(7)		
Business Divestiture Costs		(30)		(5)		(60)		(5)		
Employee Separation Costs		-		(3)		(4)		(6)		
Frutarom Acquisition Related Costs		—		—		(1)		—		
N&B Inventory Step-Up Costs		—		(195)				(377)		
N&B Transaction Related Costs		—		(2)		—		(91)		
Integration Related Costs		(30)		(18)		(48)	-	(56)		
Income (Loss) Before Taxes	\$	130	\$	44	\$	415	\$	(10)		
Segment Adjusted Operating EBITDA Margin										
Nourish		20.1 %		19.4 %		19.6 %)	20.0 %		
Health & Biosciences		27.7 %		29.7 %		28.4 %	D	29.9 %		
Scent		16.0 %		21.3 %		17.9 %)	21.9 %		
Pharma Solutions		23.8 %		20.7 %		24.9 %	D	23.1 %		
Consolidated		21.2 %		22.0 %		21.5 %)	22.5 %		

The following information and schedules provide reconciliation information between reported GAAP amounts and non-GAAP certain adjusted amounts. This information and schedules are not intended as, and should not be viewed as, a substitute for reported GAAP amounts or financial statements of the Company prepared and presented in accordance with GAAP.

Reconciliation of Gross Profit

	Second Quarter							
(DOLLARS IN MILLIONS)	2022		2021					
Reported (GAAP)	\$ 1,13	6 \$	910					
N&B Inventory Step-Up Costs		_	195					
Integration Related Costs (f)		1	_					
Adjusted (Non-GAAP)	\$ 1,1	87 \$	1,105					

Reconciliation of Selling and Administrative Expenses

		Second Quarter						
(DOLLARS IN MILLIONS)	20	022	2021					
Reported (GAAP)	\$	456 \$	412					
Acquisition Related Costs (a)		(1)	_					
Restructuring and Other Charges		_	(1)					
Business Divestiture Costs (c)		(30)	(5)					
Employee Separation Costs (d)		_	(3)					
N&B Transaction Related Costs (e)		_	(2)					
Integration Related Costs (f)		(29)	(17)					
Adjusted (Non-GAAP)	\$	396 \$	384					

The following information and schedules provide reconciliation information between reported GAAP amounts and non-GAAP certain adjusted amounts. This information and schedules are not intended as, and should not be viewed as, a substitute for reported GAAP amounts or financial statements of the Company prepared and presented in accordance with GAAP.

Reconciliation of Net Income and EPS

						Second	d Q	uarter					
		2022						2021					
(DOLLARS IN MILLIONS EXCEPT PER SHARE AMOUNTS)	Income before taxes	•	Provision for income	At	et Income tributable o IFF (i)	Diluted EPS		Income before taxes	for i	vision ncome es (h)	Att	t Income ributable o IFF (i)	Diluted EPS (j)
Reported (GAAP)	\$ 130)	\$ 21	\$	107	\$ 0.43	\$	\$ 44	\$	14	\$	28	\$ 0.11
Acquisition Related Costs (a)	1		_		1	—		—		—		—	—
Restructuring and Other Charges	7	,	2		5	0.02		24		5		19	0.07
Gains on Sale of Assets	(2	2)	(1)		(1)	(0.01)		_		—		_	_
Impairment of Long-Lived Assets (b)	120)	24		96	0.38		_		—		_	_
Business Divestiture Costs (c)	30)	8		22	0.09		5		1		4	0.01
Employee Separation Costs (d)	_	-	_		_	_		3		1		2	0.02
N&B Inventory Step-Up Costs	_	-	—		_	_		195		45		150	0.59
N&B Transaction Related Costs (e)	_	-	_		_	_		2		1		1	_
Integration Related Costs (f)	30)	7		23	0.09		18		4		14	0.05
Redemption value adjustment to EPS (g)	_	-	_		_	(0.01)		_		_		_	_
Adjusted (Non-GAAP)	\$ 316	5	\$61	\$	253	\$ 0.99	\$	\$ 291	\$	71	\$	218	\$ 0.86

Reconciliation of Adjusted (Non-GAAP) EPS ex. Amortization

		Second	Quarter	luarter		
(DOLLARS AND SHARE AMOUNTS IN MILLIONS)	2	022	2	2021		
Numerator						
Adjusted (Non-GAAP) Net Income	\$	253	\$	218		
Amortization of Acquisition related Intangible Assets		184		200		
Tax impact on Amortization of Acquisition related Intangible Assets (h)		43		35		
Amortization of Acquisition related Intangible Assets, net of tax (k)		141		165		
Adjusted (Non-GAAP) Net Income ex. Amortization	\$	394	\$	383		
Denominator						

Weighted average shares assuming dilution (diluted)	255	255
Adjusted (Non-GAAP) EPS ex. Amortization	\$ 1.54	\$ 1.50

- (a) Represents costs related to the acquisition of Health Wright Products, primarily consulting and legal fees.
- (b) Represents costs related to the impairment of intangible and fixed assets of an asset group that operates primarily in Russia.
- (c) Represents costs related to the Company's planned sales of businesses, primarily legal and professional fees.
- (d) Represents costs related to severance, including accelerated stock compensation expense, for certain employees and executives who have been separated or will separate from the Company.
- (e) Represents transaction costs and expenses related to the transaction with N&B, primarily includes legal and professional fees.
- (f) Represents costs related to integration activities since 2018, primarily for Frutarom and N&B. For 2022, represents costs primarily related to external consulting fees and internal integration costs, including salaries of individuals who are fully dedicated to integration efforts. For 2021, represents costs primarily related to performance stock awards and consulting fees for advisory services.
- (g) Represents the adjustment to EPS related to the excess of the redemption value of certain redeemable noncontrolling interests over their existing carrying value.
- (h) The income tax effects of non-GAAP adjustments are calculated based on the applicable statutory tax rate for the relevant jurisdiction, except for those items which are non-taxable or subject to valuation allowances for which the tax expense (benefit) was calculated at 0%. The tax benefit for amortization is calculated in a similar manner as the tax effects of the non-GAAP adjustments.
- (i) For 2022 and 2021, net income is reduced by income attributable to noncontrolling interest of \$2 million.
- (j) The sum of these items does not foot due to rounding.
- (k) Represents all amortization of intangible assets acquired in connection with acquisitions, net of tax.

The following information and schedules provide reconciliation information between reported GAAP amounts and non-GAAP certain adjusted amounts. This information and schedules are not intended as, and should not be viewed as, a substitute for reported GAAP amounts or financial statements of the Company prepared and presented in accordance with GAAP.

Reconciliation of Gross Profit							
	Second Qua	Second Quarter Year-to-Dat					
(DOLLARS IN MILLIONS)	2022		2021				
Reported (GAAP)	\$ 2,28	\$	1,664				
N&B Inventory Step-Up Costs	-	-	377				
Integration Related Costs (h)	:	2	_				
Adjusted (Non-GAAP)	\$ 2,28	3 \$	2,041				

|--|

	Second Quarter Year-to-Dat			-to-Date
(DOLLARS IN MILLIONS)	2	2022		2021
Reported (GAAP)	\$	915	\$	863
Acquisition Related Costs (a)		(1)		—
Restructuring and Other Charges		_		(1)
Shareholder Activism Related Costs (c)		(3)		(7)
Business Divestiture Costs (d)		(60)		(5)
Employee Separation Costs (e)		(4)		(6)
Frutarom Acquisition Related Costs (f)		(1)		—
N&B Transaction Related Costs (g)		_		(91)
Integration Related Costs (h)		(46)		(55)
Adjusted (Non-GAAP)	\$	800	\$	698

The following information and schedules provide reconciliation information between reported GAAP amounts and non-GAAP certain adjusted amounts. This information and schedules are not intended as, and should not be viewed as, a substitute for reported GAAP amounts or financial statements of the Company prepared and presented in accordance with GAAP.

Reconciliation of Net Income (Loss) and EPS

		Second Quarter Year-to-Date												
		2022								20	21			
(DOLLARS IN MILLIONS EXCEPT PER SHARE AMOUNTS)	Incor befo taxe	re	Provisi for incom taxes	e	Attr	Income ibutable IFF (k)	Diluted EPS (I)	ln b	Loss) come efore axes	for i	vision ncome tes (j)	Inc Attril	(Loss) come butable FF (k)	Diluted EPS
Reported (GAAP)	\$ 4	15	\$	60	\$	351	\$ 1.38	\$	(10)	\$	_	\$	(14)	\$ (0.06)
Acquisition Related Costs (a)		1		—		1	—		_		_		—	—
Restructuring and Other Charges		9		2		7	0.03		28		6		22	0.10
Gains on Sale of Assets		(2)		(1)		(1)	(0.01)		_		_		_	_
Impairment of Long-Lived Assets (b)	1	20		24		96	0.38		—		—		_	—
Shareholder Activism Related Costs (c)		3		1		2	0.01		7		2		5	0.02
Business Divestiture Costs (d)		60		15		45	0.18		5		1		4	0.02
Employee Separation Costs (e)		4		1		3	0.01		6		1		5	0.02
Frutarom Acquisition Related Costs (f)		1		—		1	_		—		—		_	—
N&B Inventory Step-Up Costs		_		_		_	_		377		82		295	1.28
N&B Transaction Related Costs (g)				_		_	_		91		19		72	0.30
Integration Related Costs (h)		48		12		36	0.14		56		13		43	0.19
Redemption value adjustment to EPS (i)						_	(0.01)		_		_		_	_
Adjusted (Non-GAAP)	\$6	59	\$1	14	\$	541	\$ 2.12	\$	560	\$	124	\$	432	\$ 1.87

Reconciliation of Adjusted (Non-GAAP) EPS ex. Amortization						
	Sec	ond Quarte	er Year-t	o-Date		
(DOLLARS AND SHARE AMOUNTS IN MILLIONS)	2	022	2	2021		
Numerator						
Adjusted (Non-GAAP) Net Income	\$	541	\$	432		
Amortization of Acquisition related Intangible Assets		370		352		
Tax impact on Amortization of Acquisition related Intangible Assets (j)		86		69		
Amortization of Acquisition related Intangible Assets, net of tax (m)		284		283		
Adjusted (Non-GAAP) Net Income ex. Amortization	\$	825	\$	715		
Denominator						
Weighted average shares assuming dilution (diluted)		255		231		
Adjusted (Non-GAAP) EPS ex. Amortization	\$	3.23	\$	3.09		

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- (a) Represents costs related to the acquisition of Health Wright Products, primarily consulting and legal fees.
- (b) Represents costs related to the impairment of intangible and fixed assets of an asset group that operates primarily in Russia.
- (c) Represents shareholder activist related costs, primarily professional fees.
- (d) Represents costs related to the Company's planned sales of businesses, primarily legal and professional fees.
- (e) Represents costs related to severance, including accelerated stock compensation expense, for certain employees and executives who have been separated or will separate from the Company.
- (f) Represents transaction-related costs and expenses related to the acquisition of Frutarom.
- (g) Represents transaction costs and expenses related to the transaction with N&B, primarily includes legal and professional fees.
- (h) Represents costs related to integration activities since 2018, primarily for Frutarom and N&B. For 2022, represents costs primarily related to external consulting fees and internal integration costs, including salaries of individuals who are fully dedicated to integration efforts. For 2021, represents costs primarily related to performance stock awards and consulting fees for advisory services.
- (i) Represents the adjustment to EPS related to the excess of the redemption value of certain redeemable noncontrolling interests over their existing carrying value.
- (j) The income tax effects of non-GAAP adjustments are calculated based on the applicable statutory tax rate for the relevant jurisdiction, except for those items which are non-taxable or subject to valuation allowances for which the tax expense (benefit) was calculated at 0%. The tax benefit for amortization is calculated in a similar manner as the tax effects of the non-GAAP adjustments.
- (k) For 2022, net income is reduced by income attributable to noncontrolling interest of \$4 million. For 2021, net loss is increased by income attributable to noncontrolling interest of \$4 million.
- (I) The sum of these items does not foot due to rounding.
- (m) Represents all amortization of intangible assets acquired in connection with acquisitions, net of tax.

International Flavors & Fragrances Inc. Debt Covenants (Amounts in millions) (Unaudited)

The following information and schedules provide reconciliation information between reported GAAP amounts and non-GAAP certain adjusted amounts. This information and schedules are not intended as, and should not be viewed as, a substitute for reported GAAP amounts or financial statements of the Company prepared and presented in accordance with GAAP.

Reconciliation of Credit Adjusted EBITDA to Net Income

(DOLLARS IN MILLIONS)	nths Ended June 0, 2022
Net income	\$ 635
Interest expense	296
Income taxes	135
Depreciation and amortization	1,196
Specified items ⁽¹⁾	346
Non-cash items ⁽²⁾	36
Credit Adjusted EBITDA	\$ 2,644

(1) Specified items for the 12 months ended June 30, 2022 of \$346 million consisted of acquisition related costs, restructuring and other charges, impairment of long-lived assets, shareholder activism related costs, business divestiture costs, employee separation costs, pension income adjustment, pension settlement, Frutarom acquisition related costs, N&B inventory step-up costs and integration related costs.

(2) Non-cash items represent all other adjustments to reconcile net income to net cash provided by operations as presented on the Statements of Cash Flows, including gains on disposal of assets, gains on business disposal and stock-based compensation.

Net Debt to Total Debt

(DOLLARS IN MILLIONS)	Jur	ne 30, 2022
Total debt ⁽¹⁾	\$	12,150
Adjustments:		
Cash and cash equivalents		569
Net debt	\$	11,581

(1) Total debt used for the calculation of net debt consists of short-term debt, long-term debt, short-term finance lease obligations and long-term finance lease obligations.

International Flavors & Fragrances Inc. Comparable Reportable Segment Performance (Amounts in millions) (Unaudited)

The following information and schedule provides reconciliation information between reported GAAP amounts and non-GAAP certain adjusted amounts. This information and schedule is not intended as, and should not be viewed as, a substitute for reported GAAP amounts or financial statements of the Company prepared and presented in accordance with GAAP.

Jourish ⁽¹⁾ 2022 2021 2022 2021 Nourish ⁽¹⁾ \$ 1,818 \$ 1,650 \$ 3,549 \$ 3,187 Health & Biosciences ⁽²⁾ 639 639 1,300 1,254 Scent 580 550 1,165 1,119 Pharma Solutions 244 232 493 465 Consolidated \$ 3,281 \$ 6,077 \$ 6,025 \$ Segment Adjusted Operating EBITDA Nourish ⁽¹⁾ \$ 3,655 \$ 321 \$ 6,644 \$ 6,25 Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) - (1) -		Three Months Ended June 30,		S	Six Months Endeo		d June 30,	
Nourish ⁽¹⁾ \$ 1,818 \$ 1,650 \$ 3,549 \$ 3,187 Health & Biosciences ⁽²⁾ 639 639 1,300 1,254 Scent 580 550 1,115 1,119 Pharma Solutions 244 232 493 465 Segment Adjusted Operating EBITDA \$ 3,071 \$ 6,507 \$ 6,025 Segment Adjusted Operating EBITDA \$ 3,665 \$ 3,21 \$ 694 \$ 6,25 Health & Biosciences ⁽²⁾ 182 190 374 371 371 374 371 Scent 93 117 209 245 245 190 374 371 Scent 93 117 209 245 194 104 1642 104 1649 1654 104 1649 1654 1641 10 184 232 1604 1654 1641 10 1449 1642 1644 1642<					·		2021	
Health & Biosciences ⁽²⁾ 639 639 639 1,300 1,254 Scent 560 550 1,165 1,119 Pharma Solutions 244 232 493 465 Consolidated \$3,281 \$3,071 \$6,507 \$6,025 Segment Adjusted Operating EBITDA 8 625 Nourish ⁽¹⁾ \$3655 \$321 \$694 \$6,025 Seent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) - (120) - Bains on sales of fixed assets (120) - (120) - Impairment of Long-Lived	Net Sales							
Scent 580 550 1,165 1,119 Pharma Solutions 244 232 493 465 Consolidated \$ 3,281 \$ 3,071 \$ 6,507 \$ 6,025 Segment Adjusted Operating EBITDA Nourish ⁽¹⁾ \$ 365 \$ 321 \$ 694 \$ 625 Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other Charges (77) (24) (9) (28) Gains on sales of fixed assets 2 - (20) - Restructing and Other Charges (77) (24) (9) (28) Gains on sales of fixed assets 2 - (30) (7)	Nourish ⁽¹⁾	\$	1,818	\$ 1,650	\$	3,549	\$	3,187
Pharma Solutions 244 232 493 465 Consolidated \$ 3,281 \$ 3,071 \$ 6,507 \$ 6,025 Segment Adjusted Operating EBITDA Nourish ⁽¹⁾ \$ 365 \$ 321 \$ 694 \$ 625 Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (164) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (7) (24) (9) (28) Gains on sales of fixed assets 2 - (28) (28) Gains on sales of fixed assets 30) (5) (60) (5) Enployee Separation Costs - (10) - (377)	Health & Biosciences ⁽²⁾		639	639		1,300		1,254
Sconsolidated \$ 3,281 \$ 3,071 \$ 6,507 \$ 6,025 Segment Adjusted Operating EBITDA \$ 365 \$ 321 \$ 694 \$ 625 Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) (1) Impairment of Long-Lived Assets (120) (120) Staneholder Activism Related Costs - (3) (4) (6) Staneholder Activism Related Costs - (3) (4) (6) Employee Separation Costs - (3) (4) (6)	Scent		580	550		1,165		1,119
Segment Adjusted Operating EBITDA Nourish ⁽¹⁾ \$ 365 \$ 321 \$ 694 \$ 625 Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 448 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) - (1) - Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 - 2 - Impairment of Long-Lived Assets (120) - (120) - Shareholder Activism Related Costs - (3) (4) (6) Frutarom Acquisition Related Costs - (2) -	Pharma Solutions		244	232		493		465
Nourish ⁽¹⁾ \$ 365 \$ 321 \$ 694 \$ 625 Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) - (1) - Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 - 2 - Impairment of Long-Lived Assets (120) - (120) - Stareholder Activism Related Costs - (2) - (9) (28) Futarom Acquisition Related Costs -	Consolidated	\$	3,281	\$ 3,071	\$	6,507	\$	6,025
Health & Biosciences ⁽²⁾ 182 190 374 371 Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1.400 1.349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) (1) Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 2 Impairment of Long-Lived Assets (120) (10) Stareholder Activism Related Costs (3) (7) Stareholder Activism Related Costs (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs - (1)	Segment Adjusted Operating EBITDA							
Scent 93 117 209 245 Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Deprecipation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) - (1) - Cher (Expense) Income, net (6) 111 10 18 Acquisition Related Costs (1) - (1) - Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 - - - Impairment of Long-Lived Assets (120) - - - Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs - (195) - (377) N&B Inventory Step-	Nourish ⁽¹⁾	\$	365	\$ 321	\$	694	\$	625
Pharma Solutions 58 48 123 108 Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) — (1) — Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 — 2 — Impairment of Long-Lived Assets (120) — (120) — Shareholder Activism Related Costs — — (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs — (195) — (377) N&B Inventory Step-Up Costs — (195) — (91) Intergation Related Costs — (2) — (91)	Health & Biosciences ⁽²⁾		182	190		374		371
Total 698 676 1,400 1,349 Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) - (1) - Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 - 2 - Impairment of Long-Lived Assets (120) - (120) - Impairment of Long-Lived Assets (30) (5) (60) (6) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs - (195) - (377) N&B Transaction Related Costs - (195) - (377) N&B Transaction Related Costs (30) (18) (48) (56) Divestiture of Businesses(3) - 3 - 6<	Scent		93	117		209		245
Depreciation & Amortization (301) (322) (604) (564) Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) (1) Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 2 Impairment of Long-Lived Assets (120) (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs (1) Frutarom Acquisition Related Costs (10) Stareholder Activism Related Costs (10) Frutarom Acquisition Related Costs (10) N&B Inventory Step-Up Costs (10) Integration Related Costs (30) (18) (48) (56) Divestiture of Business Acquisitions	Pharma Solutions		58	48		123		108
Interest Expense (77) (77) (149) (142) Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) (1) Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 2 Impairment of Long-Lived Assets (120) (13) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs (11) Frutarom Acquisition Related Costs (11) N&B Inventory Step-Up Costs (10) N&B Transaction Related Costs (10) Integration Related Costs (22) (91) Integration Related Costs (22) (91) Integration Related Costs (30) (18) (48) (56) Divestiture of Business Acquisitions ⁽⁴⁾ 2 - - Impact of Merge	Total		698	 676		1,400		1,349
Other (Expense) Income, net (6) 11 10 18 Acquisition Related Costs (1) (1) Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 2 Impairment of Long-Lived Assets (120) (120) Shareholder Activism Related Costs (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs (3) (4) (6) Frutarom Acquisition Related Costs (10) N&B Inventory Step-Up Costs (11) (377) N&B Transaction Related Costs (30) (18) (48) (56) Divestiture of Businesses(3) 3 6 Impact of Merger with N&B ⁽⁵⁾ 2 (107) Income (Loss) Before Taxes \$ 130 <td< td=""><td>Depreciation & Amortization</td><td></td><td>(301)</td><td>(322)</td><td></td><td>(604)</td><td></td><td>(564)</td></td<>	Depreciation & Amortization		(301)	(322)		(604)		(564)
Acquisition Related Costs (1) — (1) — Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 — 2 — Impairment of Long-Lived Assets (120) — (120) — Shareholder Activism Related Costs — — (3) (7) Business Divestiture Costs (30) (5) (60) (6) Frutarom Acquisition Related Costs — — (1) — N&B Inventory Step-Up Costs — (195) — (377) N&B Transaction Related Costs — (2) — (91) Integration Related Costs — (2) — (91) Integration Related Costs — (2) — (10) Impact of Businesses(3) — 3 — 6 Impact of Merger with N&B(5) — — 2 — Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA 19.5 % 19.6 %	Interest Expense		(77)	(77)		(149)		(142)
Restructuring and Other Charges (7) (24) (9) (28) Gains on sales of fixed assets 2 - 2 - Impairment of Long-Lived Assets (120) - (120) - Shareholder Activism Related Costs - - (3) (7) Business Divestiture Costs (30) (5) (60) (6) Employee Separation Costs - - (1) - N&B Inventory Step-Up Costs - (195) - (377) N&B Inventory Step-Up Costs - (2) - (91) Integration Related Costs - (2) - (91) Integration Related Costs - 3 - 6 Impact of Businesses(3) - 3 - 6 Impact of Merger with N&B ⁽⁶⁾ - - - (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA \$ 19.5 % 19.6 % 19.6 % 19.6 % 21.9 % 21.9 % </td <td>Other (Expense) Income, net</td> <td></td> <td>(6)</td> <td>11</td> <td></td> <td>10</td> <td></td> <td>18</td>	Other (Expense) Income, net		(6)	11		10		18
Gains on sales of fixed assets 2 2 Impairment of Long-Lived Assets (120) (120) Shareholder Activism Related Costs (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs (3) (4) (6) Frutarom Acquisition Related Costs (1) N&B Inventory Step-Up Costs (195) (377) N&B Transaction Related Costs (2) (91) Integration Related Costs 3 6 Impact of Businesses(³⁾ 3 6 Impact of Merger with N&B ⁽⁵⁾ (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA	Acquisition Related Costs		(1)	—		(1)		—
Impairment of Long-Lived Assets (120) (120) Shareholder Activism Related Costs (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs (3) (4) (6) Frutarom Acquisition Related Costs (1) N&B Inventory Step-Up Costs (195) (377) N&B Transaction Related Costs (2) (91) Integration Related Costs 3 6 Impact of Businesses(³⁾ 3 6 Impact of Merger with N&B ⁽⁵⁾ (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (100) Segment Adjusted Operating EBITDA <td>Restructuring and Other Charges</td> <td></td> <td>(7)</td> <td>(24)</td> <td></td> <td>(9)</td> <td></td> <td>(28)</td>	Restructuring and Other Charges		(7)	(24)		(9)		(28)
Shareholder Activism Related Costs — — (3) (7) Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs — (3) (4) (6) Frutarom Acquisition Related Costs — — (1) — N&B Inventory Step-Up Costs — (195) — (377) N&B Transaction Related Costs — (2) — (91) Integration Related Costs — (2) — (91) Integration Related Costs (30) (18) (48) (56) Divestiture of Businesses ⁽³⁾ — 3 — 6 Impact of Merger with N&B ⁽⁵⁾ — — — (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ (100) Segment Adjusted Operating EBITDA \$ 130 \$ 44 \$ 9.6 % Nourish 20.1 % 19.5 % 19.6 % 19.6 % 9.6 % Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Sce	Gains on sales of fixed assets		2	—		2		_
Business Divestiture Costs (30) (5) (60) (5) Employee Separation Costs - (3) (4) (6) Frutarom Acquisition Related Costs - (-) (1) - N&B Inventory Step-Up Costs - (195) - (377) N&B Transaction Related Costs - (2) - (91) Integration Related Costs - (2) - (91) Integration Related Costs (30) (18) (48) (56) Divestiture of Businesses ⁽³⁾ - 3 - 6 Impact of Business Acquisitions ⁽⁴⁾ 2 - 2 - Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA \$ 130 \$ 44 \$ 415 \$ (10) Nourish 20.1 % 19.5 % 19.6 % 19.6 % Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 %<	Impairment of Long-Lived Assets		(120)	—		(120)		—
Employee Separation Costs — (3) (4) (6) Frutarom Acquisition Related Costs — — (1) — N&B Inventory Step-Up Costs — (195) — (377) N&B Transaction Related Costs — (2) — (91) Integration Related Costs — (30) (18) (48) (56) Divestiture of Businesses ⁽³⁾ — 3 — 6 Impact of Business Acquisitions ⁽⁴⁾ 2 — 2 — Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin	Shareholder Activism Related Costs		—	—		(3)		(7)
Frutarom Acquisition Related Costs — — — (1) — N&B Inventory Step-Up Costs — (195) — (377) N&B Transaction Related Costs — (2) — (91) Integration Related Costs — (2) — (91) Integration Related Costs (30) (18) (48) (56) Divestiture of Businesses(3) — 3 — 6 Impact of Business Acquisitions ⁽⁴⁾ 2 — 2 — Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 19.6 % 19.6 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Business Divestiture Costs		(30)	(5)		(60)		(5)
N&B Inventory Step-Up Costs — (195) — (377) N&B Transaction Related Costs — (2) — (91) Integration Related Costs (30) (18) (48) (56) Divestiture of Businesses ⁽³⁾ — 3 — 6 Impact of Business Acquisitions ⁽⁴⁾ 2 — 2 — Impact of Merger with N&B ⁽⁵⁾ — — — (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin	Employee Separation Costs		—	(3)		(4)		(6)
N&B Transaction Related Costs - (2) - (91) Integration Related Costs (30) (18) (48) (56) Divestiture of Businesses ⁽³⁾ - 3 - 6 Impact of Business Acquisitions ⁽⁴⁾ 2 - 2 - Impact of Merger with N&B ⁽⁵⁾ - - - (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 115 \$ (10) Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 19.6 % 29.6 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Frutarom Acquisition Related Costs		—	—		(1)		—
Integration Related Costs (30) (18) (48) (56) Divestiture of Businesses ⁽³⁾ - 3 - 6 Impact of Business Acquisitions ⁽⁴⁾ 2 - 2 - Impact of Merger with N&B ⁽⁵⁾ - - 2 - Income (Loss) Before Taxes \$ 130 \$ 44 \$ 115 \$ (10) Segment Adjusted Operating EBITDA 20.1 % 19.5 % 19.6 % 19.6 % Nourish 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	N&B Inventory Step-Up Costs		—	(195)		—		(377)
Divestiture of Businesses ⁽³⁾ 3 6 Impact of Business Acquisitions ⁽⁴⁾ 2 2 Impact of Merger with N&B ⁽⁵⁾ (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 19.6 % 19.6 % 29.6 % 29.7 % 28.8 % 29.6 % 29.6 % 21.3 % 17.9 % 21.9 % 23.8 % 20.7 % 24.9 % 23.2 %	N&B Transaction Related Costs		_	(2)		_		(91)
Impact of Business Acquisitions ⁽⁴⁾ 2 2 Impact of Merger with N&B ⁽⁵⁾ (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Integration Related Costs		(30)	(18)		(48)		(56)
Impact of Merger with N&B ⁽⁵⁾ — — — — — — (107) Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 29.7 % 28.8 % 29.6 % Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Divestiture of Businesses ⁽³⁾		_	3		_		6
Income (Loss) Before Taxes \$ 130 \$ 44 \$ 415 \$ (10) Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 29.7 % 28.8 % 29.6 % Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Impact of Business Acquisitions ⁽⁴⁾		2	_		2		_
Segment Adjusted Operating EBITDA Margin 20.1 % 19.5 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 29.7 % 28.8 % 29.6 % Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Impact of Merger with N&B ⁽⁵⁾		_	_		_		(107)
Margin 20.1 % 19.5 % 19.6 % 19.6 % Nourish 20.1 % 19.5 % 19.6 % 19.6 % Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Income (Loss) Before Taxes	\$	130	\$ 44	\$	415	\$	(10)
Health & Biosciences 28.5 % 29.7 % 28.8 % 29.6 % Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Segment Adjusted Operating EBITDA Margin							
Scent 16.0 % 21.3 % 17.9 % 21.9 % Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Nourish		20.1 %	19.5 %		19.6 %		19.6 %
Pharma Solutions 23.8 % 20.7 % 24.9 % 23.2 %	Health & Biosciences		28.5 %	29.7 %		28.8 %		29.6 %
	Scent		16.0 %	21.3 %		17.9 %		21.9 %
	Pharma Solutions							23.2 %
	Consolidated							22.4 %

(1) Nourish sales and segment adjusted operating EBITDA information for the three and six months ended June 30, 2021 exclude the results of the Fruit Preparation business to present fully comparable scenarios of the Company due to divestiture of the business in the fourth quarter of 2021. As a result, there is no impact of the Fruit Preparation business for the 2022 period.

- (2) Health & Biosciences sales and segment adjusted operating EBITDA information for the three and six months ended June 30, 2022 exclude the results of Health Wright Products to present fully comparable scenarios of the Company as the acquisition of Health Wright Products was completed on April 1, 2022. As a result, there was no impact from Health Wright Products for the 2021 period.
- (3) Information related to the amounts exclude the results of the Fruit Preparation business to present fully comparable scenarios of the Company due to divestiture of the business in the fourth quarter of 2021.
- (4) Information related to the amounts exclude the results of Health Wright Products to present fully comparable scenarios of the Company as the acquisition of Health Wright Products was completed on April 1, 2022.
- (5) Information related to the amounts included from merger with N&B was received directly from DuPont and management believes such information is reliable. DuPont has not provided the underlying adjustments for the amounts included, but based on management's review of financial statement and other scheduled information provided, we believe the amounts reflected are reasonable. For the six months ended June 30, 2021, amounts include N&B results for January 2021 to reflect the same period N&B is included in IFF results in 2022.

The pro forma historical segment information has been presented for informational purposes only and is not necessarily indicative of what IFF's results of operations actually would have been, had the N&B transaction occurred on the date indicated below. In addition, the pro forma historical segment information does not purport to project the future operating results of the Company, shown below:

(DOLLARS IN MILLIONS)	January 2021			
	Pro Forma Sales	Pro Forma Adjusted Operating EBITDA		
Nourish	\$ 247	\$ 37		
Health & Biosciences	189	53		
Scent	—	_		
Pharma Solutions	71	17		

International Flavors & Fragrances Inc. GAAP to Non-GAAP Reconciliation Comparable Foreign Exchange Impact (Unaudited)

Q2 Nourish	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	10%	14%	0.6%
Currency Impact	5%	4%	0.0%
% Change - Currency Neutral	15%	18%	0.6%

Q2 Health & Biosciences	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	0%	(4)%	(1.3)%
Currency Impact	4%	2%	(0.3)%
% Change - Currency Neutral	4%	(2)%	(1.6)%

Q2 Scent	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	5%	(21)%	(5.2)%
Currency Impact	4%	4%	0.0%
% Change - Currency Neutral	9%	(17)%	(5.2)%

Q2 Pharma Solutions	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	5%	21%	3.1%
Currency Impact	5%	4%	(0.3)%
% Change - Currency Neutral	10%	25%	2.8%

Q2 Consolidated	Sales	Adjusted Operating EBITDA	Adjusted Operating EBITDA Margin
% Change - Comparable	7%	3%	(0.7)%
Currency Impact	4%	4%	(0.1)%
% Change - Currency Neutral	11%	7%	(0.8)%

YTD Nourish	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	11%	11%	(0.1)%
Currency Impact	4%	5%	0.2%
% Change - Currency Neutral	15%	16%	0.1%

YTD Health & Biosciences	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	4%	1%	(0.8)%
Currency Impact	3%	2%	(0.2)%
% Change - Currency Neutral	7%	3%	(1.0)%

YTD Scent	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	4%	(15)%	(4.0)%
Currency Impact	4%	6%	0.5%
% Change - Currency Neutral	8%	(9)%	(3.5)%

YTD Pharma Solutions	Sales	Segment Adjusted Operating EBITDA	Segment Adjusted Operating EBITDA Margin
% Change - Comparable	6%	14%	1.7%
Currency Impact	4%	2%	(0.3)%
% Change - Currency Neutral	10%	16%	1.4%

YTD Consolidated	Sales	Adjusted Operating EBITDA	Adjusted Operating EBITDA Margin
% Change - Comparable	8%	4%	(0.9)%
Currency Impact	4%	4%	0.1%
% Change - Currency Neutral	12%	8%	(0.8)%