

# 2Q19 EARNINGS CONFERENCE CALL

**AUGUST 8, 2019** 

## **Disclaimers**



#### **Basis of Presentation**

The historical financial information and other disclosures contained in this presentation relate to periods that ended both prior to and after the completion of the Reorganization Transactions and the IPO of Tradeweb Markets Inc. (unless the context otherwise requires, together with its subsidiaries, referred to as "we," "our," "Tradeweb," "Tradeweb," "Tradeweb," "Tradeweb Markets" or the "Company"). The IPO closed on April 8, 2019. As a result of certain reorganization transactions (the "Reorganization Transactions") completed in connection with the IPO, on April 4, 2019, Tradeweb Markets Inc. became a holding company whose sole material asset consists of its equity interest in Tradeweb Markets LLC ("TWM LLC"). As the sole manager of TWM LLC and its subsidiaries, conducts its business. As a result of this control, and because Tradeweb Markets Inc. has a substantial financial interest in TWM LLC, Tradeweb Markets Inc. consolidates the financial results of TWM LLC and its subsidiaries. The historical financial information contained in this presentation relating to periods prior to and including March 31, 2019, which we refer to as the "pre-IPO period," pertain to TWM LLC, the predecessor of Tradeweb Markets Inc. for financial reporting purposes. The historical financial information contained in this presentation relating to periods beginning on April 1, 2019, and through and including June 30, 2019, which we refer to as the "post-IPO period," perial to Tradeweb Markets Inc. The pre-IPO period excludes, and the post-IPO period includes, our financial results from April 1, 2019 through April 3, 2019. Although this period was prior to the completion of the Reorganization Transactions, we believe it is appropriate to include these financial results in the post-IPO period an immaterial impact on our consolidated financial statements.

On October 1, 2018, Refinitiv Holdings Ltd. ("Refinitiv"), which is controlled by certain investment funds affiliated with The Blackstone Group L.P., an affiliate of Canada Pension Plan Investment Board, an affiliate of GIC Special Investments Pte. Ltd. and certain co-investors, indirectly acquired substantially all of the financial and risk business of Thomson Reuters Corporation and Thomson Reuters Corporation indirectly acquired a non-controlling ownership interest in Refinitiv (collectively, the "Refinitiv Transaction"). As a result of the Refinitiv Transaction, as a consolidating subsidiary of Refinitiv, we accounted for the Refinitiv Transaction using pushdown accounting. Due to hancial information for the period beginning on October 1, 2018, and through and including June 30, 2019, or the successor period, and the financial information for the periods prior to, and including, September 30, 2018, or the predecessor period, are not comparable. Please note, however, that the change in basis resulting from the Refinitiv Transaction did not impact certain financial information, specifically revenues and certain expenses.

#### Forward-Looking Statements

This presentation contains forward-looking statements within the meaning of the federal securities laws. Statements related to, among other things, our guidance, including guidance for 2019, and future performance, the markets in which we operate, our expectations, beliefs, plans, strategies, objectives, prospects and assumptions and future events are forward-looking statements.

We have based these forward-looking statements on our current expectations, assumptions, estimates and projections. While we believe these expectations, assumptions, estimates and projections are reasonable, such forward-looking statements are only predictions and involve known and unknown risks and uncertainties, many of which are beyond our control. These and other important factors, including those discussed under the heading "Risk Factors" in our prospectus filed with the SEC on April 5, 2019 and other documents of Tradeweb Markets Inc. on file with or furnished to the SEC, may cause our actual results, performance or achievements to differ materially from those expressed or implied by these forward-looking statements. Given these risks and uncertainties, you are cautioned not to place undue reliance on such forward-looking statements. The forward-looking statements contained in this presentation are not guarantees of future performance and our actual results of operations, financial condition or liquidity, and the development of the industry and markets in which we operate, may differ materially from the forward-looking statements contained in this presentation. In addition, even if our results of operations, financial condition or liquidity, and events in the industry and markets in which we operate, are consistent with the forward-looking statements contained in this presentation, they may not be predictive of results or developments in future periods.

Any forward-looking statement that we make in this presentation speaks only as of the date of such statement. Except as required by law, we do not undertake any obligation to update or revise, or to publicly announce any update or revision to, any of the forward-looking statements, whether as a result of new information, future events or otherwise, after the date of this presentation.

#### Non-GAAP Financial Measures

This presentation contains "non-GAAP financial measures," including Adjusted EBITDA, Adjusted EBIT Margin, Adjusted EBIT margin, Adjusted EBIT margin, Adjusted Net Income, Adjusted Net Income per diluted share ("Adjusted Diluted EPS"), Free Cash Flow and Adjusted Expenses, which are supplemental financial measures that are not calculated and presented in accordance with GAAP. We make use of non-GAAP financial measures in evaluating our past results and future prospects. We present these non-GAAP financial measures because we believe they assist investors and analysts in comparing our operating performance across reporting periods on a consistent basis by excluding items that we do not believe are indicative of our core operating performance.

See "Appendix" for reconciliations of the non-GAAP financial measures contained in this presentation to their most comparable GAAP financial measure.

Non-GAAP financial measures have limitations as analytical tools, and you should not consider these non-GAAP financial measures in isolation or as alternatives to net income attributable to Tradeweb Markets Inc., net income, earnings per share, operating expenses, cash flow from operating activities or any other financial measure derived in accordance with GAAP. You are encouraged to evaluate each adjustment included in the reconciliations. In addition, in evaluating Adjusted EBITDA, Adjusted EBITDA margin, Adjusted EBIT, Adj

We present certain growth information on a "constant currency" basis. Since our consolidated financial statements are presented in U.S. dollars, we must translate non-U.S. dollar revenues and expenses into U.S. dollars. Constant currency growth, which is a non-GAAP financial measure, is defined as growth excluding the effects of foreign currency fluctuations. Constant currency information is calculated by translating the current period and prior period's results using the average exchange rates for 2018. We make use of constant currency growth as a supplemental metric to evaluate our underlying performance between periods by removing the impact of foreign currency fluctuations. We present certain constant currency growth information because we believe it provides investors and analysts a useful comparison of our results and trends between periods. This information should be considered in addition to, not as a substitute for, results reported in accordance with GAAP, and may not be comparable to similarly titled measures used by other companies.

#### **Tradeweb Social Media**

Investors and others should note that Tradeweb Markets announces material financial and operational information using its investor relations website, press releases, SEC filings and public conference calls and webcasts. Information about Tradeweb Markets, its business, and its results of operations may also be announced by posts on the Company's accounts on the following social media channels: Instagram, LinkedIn and Twitter. The information that we post through these social media channels may be deemed material. As a result, we encourage investors, the media, and others interested in Tradeweb Markets to monitor these social media channels in addition to following our press releases, SEC filings and public conference calls and webcasts. These social media channels may be updated from time to time on our investor relations website.

## 2Q19 Earnings Call Participants





**STRATEGIC REVIEW Lee Olesky** CO-FOUNDER AND CEO



**GROWTH INITIATIVES Billy Hult PRESIDENT** 



**FINANCIAL REVIEW Robert Warshaw** CHIEF FINANCIAL OFFICER



WELCOME/ **INTRODUCTION Ashley Serrao** HEAD OF U.S. CORPORATE DEVELOPMENT & IR



## OPERATING PERFORMANCE HIGHLIGHTS

GROSS REVENUE

INTERNATIONAL REVENUES

ADJUSTED NET INCOME<sup>2</sup>

\$190.5M

\$67.8M

\$56.6M

+11.4% y/y\* +13.2% y/y (CC\*\*)<sup>1</sup> +10.3% y/y +15.3% y/y (CC)<sup>1</sup> +17.0% y/y +20.3% y/y (CC)<sup>1</sup>

ADJUSTED EBITDA MARGIN<sup>2</sup>

ADJUSTED EBIT MARGIN<sup>2</sup>

ADJUSTED DILUTED EPS<sup>2</sup>

45.6%

40.3%

\$0.25

+188 bps y/y +217 bps y/y (CC)<sup>1</sup>

+217 bps y/y +261 bps y/y (CC)<sup>1</sup> +8.5% y/y +11.5% y/y (CC)<sup>1</sup>

### \*y/y = year over year comparison

\*\*CC = constant currency

Growth information presented on a "constant currency" basis reflects growth for the period excluding the impact of foreign currency fluctuations. See "Disclaimers – Non-GAAP Financial Measures" for more information.

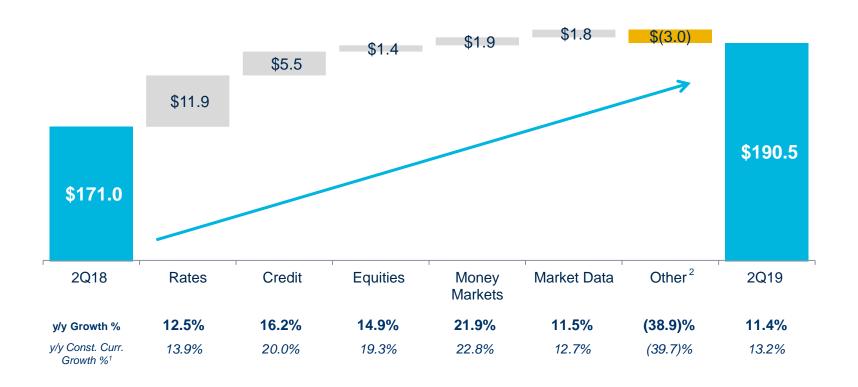
<sup>2.</sup> Adjusted Net Income, Adjusted EBITDA Margin, Adjusted EBIT margin and Adjusted Diluted EPS are non-GAAP financial measures. See "Appendix" for reconciliations to their most comparable GAAP financial measures.

## 2Q19 Gross Revenue Results



(\$ in millions)

## DIVERSIFIED 11.4% Y/Y GROSS REVENUE GROWTH (CC 13.2% Y/Y)1

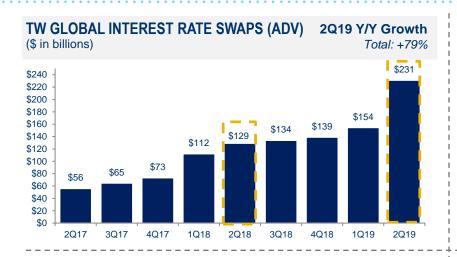


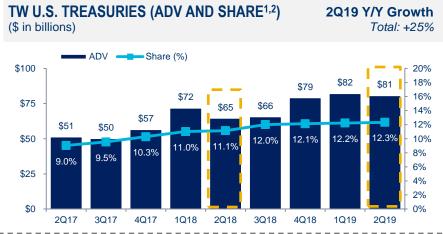
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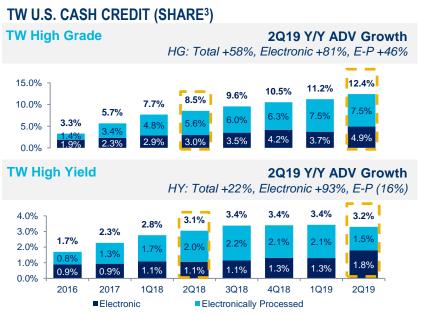
<sup>2.</sup> Other revenue declined primarily due to timing of fees for software development and implementation and a newly restructured contract for licensing and development.

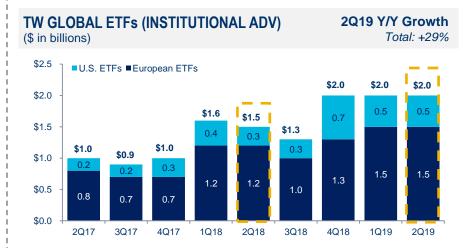
## **Growth Initiatives**







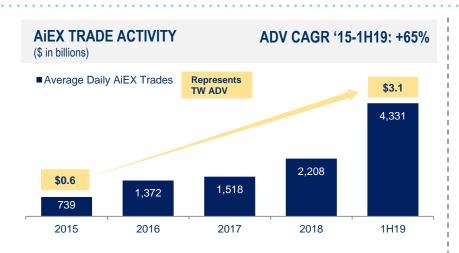


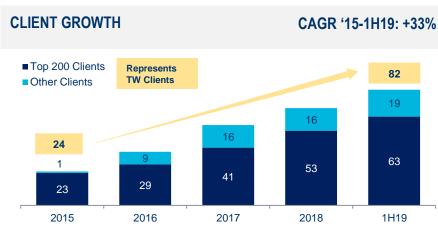


- Share and volumes reflect TW U.S. Treasuries volume across institutional, wholesale and retail client sectors, divided by SIFMA volume, adjusted by Tradeweb management to approximate TRACE volume.
- U.S. government bond volumes have been updated as a result of a reclassification of certain U.S. Treasury transactions
- Share reflects TW high grade and high yield volume across institutional, wholesale and retail client sectors, divided by TRACE volume, adjusted by Tradeweb management to exclude emerging market and convertible bond volumes.

## AiEX Adoption - The Rise in Automated Trading







## NUMBER OF CLIENTS BY PRODUCT GROUP

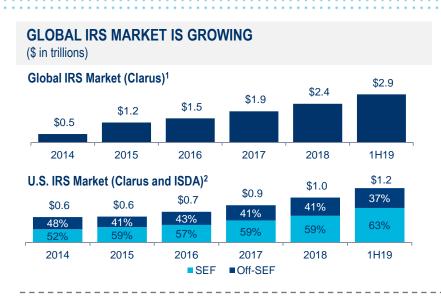
### PENETRATION OF TOP 100 CLIENTS

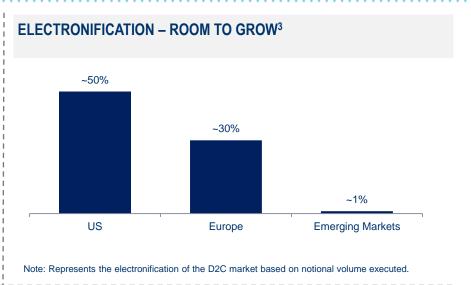


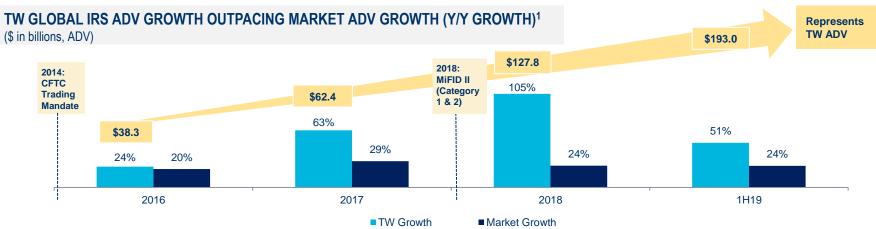
Note: AiEX (Automated Intelligent Execution) uses pre-programmed execution rules to automatically execute trades on Tradeweb sent from a client's EMS/OMS.

## Interest Rate Swaps (IRS) - Plenty of White Space









- 1. Global IRS market estimate based on Clarus cleared market volumes; Global IRS market refers to volumes traded by U.S. and non-U.S. entities.
- 2. U.S. IRS market estimate based on Clarus SEF and ISDA off-SEF cleared and non-cleared market volumes; U.S. IRS market refers to volumes traded by U.S. entities.
- 3. Electronification sources: U.S. and Europe electronification rates according to J.P. Morgan 2019 Investor Day Presentation; Europe electronification rates represent EMEA; Emerging markets electronification rates according to management estimates.

## Building a Next Generation Corporate Credit Market Place



## **MARKET-WIDE FOCUS**

## HG/HY MARKET VOLUME MIX (TRACE)1



PRE-TRADE	AiPrice, Liquidity Scores, Streaming Prices, Inventories, Portfolio Monitoring, Analytics and Reporting

HG: ~30%<sup>2</sup>





HG: ~70%<sup>2</sup>

HY: ~85%2

POST-TRADE

Spotting/Net Spotting Leveraging TW UST Market, TCA, Compliance Trade Exemption Reporting, Prevailing Market Price

## **CONSTANT INNOVATION**

## **ELECTRONIC PROTOCOLS**

## A2A 2.0

Institutional RFQ accesses \$10bn of live streaming retail liquidity across 5,000 CUSIPs; accessible via AiEX

### **SWEEP**

Daily electronic wholesale sessions

## **CLICK-TO-TRADE**

**Executable odd-lot liquidity across 20,000 CUSIPs** 

## **BLOCK TRADING**

### PORTFOLIO TRADING

Live since November 2018 with \$15bn+ traded

### **MULTI-DEALER NET SPOTTING**

~25% of TW notional volume; \$200/mm in average savings for trades using net spotting

## LIVE INVENTORY/AXES

\$30bn+ of block liquidity

### **SPOTTING**

Electronic hedging - ~95% of institutional HG trades

- Source: TRACE.
- Source: TRACE, Greenwich Associates, competitor reports and management estimates.
- 3. Reflects total number of institutional credit clients.
- Share reflects TW high grade and high yield volume across institutional, wholesale and retail client sectors, divided by TRACE volume, adjusted by TW management to exclude emerging market and convertible bond volumes.
- Reflects TW HG and HY volumes intermediated with undisclosed counterparties.
- Block trades are defined as \$5mm+ for HG and \$1mm+ for HY. Subsequent to quarter-end updated for corrected block share.

\*Unless otherwise noted, all data is as of 2Q19.

### **EXPANDING TW CLIENT NETWORK<sup>3</sup>**

**STRONG GROWTH** 



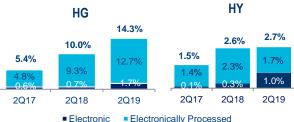
## **INCREASING MARKET SHARE**<sup>1,4</sup>



## GROWING TW ANONYMOUS VOLUMES<sup>5</sup>



## **INCREASING BLOCK SHARE**<sup>1,6</sup>



Note: Totals may not foot due to rounding.

## **Quarterly ADV**



## RECORD Q2 ADV of \$754BN for 2Q19 (+40%)

KEY ■ Cash ■ Derivatives







5.2

4Q18

1Q19

2Q19

3.2

3Q18



<sup>1.</sup> U.S. government bond volumes have been updated as a result of a reclassification of certain U.S. Treasury transactions

\$2

\$0

2.6

2Q17

3Q17

3.5

4Q17

1Q18

2Q18

## 2Q19 Earnings Performance<sup>1</sup>



(\$ in thousands)

# REVENUE GROWTH OF 11.4% (13.2% CC) WITH EBITDA MARGIN EXPANSION OF +188bps to 45.6% (+217 bps CC)

	2Q19	2Q18	%∆ 2Q19 vs 2Q18	$\%\Delta$ Constant Currency 2Q19 vs 2Q18 $^2$
Trading Revenues				
Fixed	\$ 65,992	\$ 67,936	(2.9%)	(0.1%)
Variable	106,949	87,342	22.4%	23.6%
Total Trading Revenues	\$ 172,941	\$ 155,278	11.4%	13.3%
Refinitiv Market Data	13,385	12,081	10.8%	10.8%
Other Information Services	4,159	3,656	13.7%	18.9%
Gross Revenue	190,485	171,015	11.4%	13.2%
Adj. Expenses <sup>3</sup>	113,719	105,809	7.5%	8.5%
Adj. EBIT	76,766	65,206	17.7%	21.1%
Interest Income, net	175	582	(70.0%)	(69.8%)
Adj. EBT	76,941	65,788	17.0%	20.3%
Adj. Income Taxes <sup>4</sup>	20,312	17,368	17.0%	20.3%
Adj. Net Income	\$ 56,629	\$ 48,420	17.0%	20.3%
Adj. EBIT Margin <sup>5</sup>	40.3%	38.1%	+217bps	+261bps
Adj. EBITDA	86,925	74,827	16.2%	18.9%
Adj. EBITDA Margin⁵	45.6%	43.8%	+188bps	+217bps
Adj. Diluted EPS	\$ 0.25	\$0.23	8.5%	11.5%
Adj Diluted share count <sup>6</sup>	230,136,188	213,435,314	7.8%	

<sup>1.</sup> Adj. Expenses, Adj. EBIT, Adj. EBIT, Adj. Income Taxes, Adj. Net Income, Adj. EBIT Margin, Adj. EBITDA, Adj. EBITDA Margin and Adj. Diluted EPS (including Adj. diluted share count) are non-GAAP financial measures. See "Appendix" for reconciliations to their most comparable GAAP financial measures.

<sup>2.</sup> Growth information presented on a "constant currency" basis reflects growth for the period excluding the impact of foreign currency fluctuations. See "Disclaimers – Non-GAAP Financial Measures" for more information.

<sup>3.</sup> Represents operating expenses adjusted to exclude acquisition and Refinitiv Transaction related depreciation and amortization, non-cash, stock based compensation expense associated with the special award of options, made to management and other employees in October 2018 (the "Special Option Award"), unrealized foreign exchange (gains) / losses and (gain) / loss from revaluation of foreign denominated cash. See "Appendix" for more information.

<sup>4.</sup> Represents corporate income taxes at an assumed effective tax rate of 26.4% for the three months ended June 30, 2019 and 2018 applied to Adjusted Net Income before income taxes. For periods prior to the pre-IPO period, this adjustment assumes Tradeweb Markets LLC was subject to a corporate tax rate for the periods presented.

<sup>5.</sup> Adj. EBIT Margin and Adj. EBITDA Margin are defined as Adjusted EBIT and Adjusted EBITDA, respectively, divided by gross revenue for the applicable period.

<sup>6.</sup> For the post-IPO period, represents the diluted weighted average number of shares of Class A and Class B common stock outstanding assuming the full exchange of all outstanding LLC Interests of TWM LLC for shares of Class A or Class B common stock. See "Reconciliation of Non-GAAP Financial Measures" for more information.

## Fees per Million<sup>1</sup> Detail



	2Q19	1Q19	2Q18	%∆ 2Q19 vs 1Q19	%∆ 2Q19 vs 2Q18
Rates	\$ 1.77	\$ 2.03	\$ 2.02	(13%)	(12%)
% Cash	55%	64%	63%	~(900)bps	~(800)bps
% Derivatives	45%	36%	37%	~900bps	~800bps
Rates ex <1yr tenor swaps	\$ 2.17	\$ 2.08	\$ 2.12	5%	2%
Credit	\$ 44.80	\$ 34.03	\$ 38.97	32%	15%
% Cash	45%	34%	37%	~1,100bps	~800bps
% Derivatives	55%	66%	63%	~(1,100)bps	~(800)bps
Equities	\$ 20.64	\$ 21.36	\$ 17.95	(3%)	15%
% Cash	58%	58%	58%	~0bps	~0bps
% Derivatives	42%	42%	42%	~0bps	~0bps
Money Markets (Cash)	\$ 0.48	\$ 0.49	\$ 0.46	(4%)	3%
Total Fees per Million	\$ 2.26	\$ 2.62	\$ 2.53	(14%)	(11%)
Total FPM ex <1yr tenor swaps <sup>2</sup>	\$ 2.59	\$ 2.66	\$ 2.62	(3%)	(1%)

### **RATES**

- Y/Y: mix shift towards short tenor swaps
- Q/Q: mix shift towards short tenor swaps

### **CREDIT**

- Y/Y: mix shift towards cash products and away from derivatives products
- Q/Q: mix shift towards cash products and away from derivatives products

## **EQUITIES**

- Y/Y: mix shift towards EU ETFs and away from wholesale products
- Q/Q: mix shift in ETF trade types

## **MONEY MARKETS**

- Y/Y: mix shift towards Repo products and away from other products
- Q/Q: mix shift away from US Repo products to EU Repo products

<sup>1. &</sup>quot;Fees per million" means average variable fees per million dollars of volume traded on our trading platforms. Average variable fees per million should be reviewed in conjunction with our trading volumes and gross revenue by asset class.

<sup>2.</sup> Included to contextualize the impact the increase in volume of short tenored swaps/swaptions had on FPM.

## Adjusted Expenses<sup>1</sup> Detail



(\$ in thousands)

	2Q19	2Q18	%∆ 2Q19 vs 2Q18	$\%\Delta$ Const. Currency 2Q19 vs 2Q18 <sup>2</sup>
Adjusted Expenses				
Employee compensation and benefits <sup>a</sup>	\$ 75,592	\$ 68,407	10.5%	11.6%
Depreciation and amortization <sup>b</sup>	10,159	9,621	5.6%	4.5%
Technology and communications	9,519	9,023	5.5%	6.1%
General and administrative <sup>c</sup>	8,090	7,963	1.6%	3.7%
Professional fees	6,738	7,276	(7.4%)	(4.8%)
Occupancy	3,621	 3,519	2.9%	4.2%
Total adjusted non-compensation expenses	38,127	37,402	1.9%	2.9%
Total Adjusted Expenses	\$ 113,719	\$ 105,809	7.5%	8.5%

- a. Adjusted to exclude non-cash, stock-based compensation expense associated with the Special Options Award. See "Appendix" for additional information.
- b. Adjusted to exclude acquisition and Refinitiv transaction related depreciation and amortization. See "Appendix" for additional information.
- c. Adjusted to exclude gains/losses from outstanding foreign exchange forward contracts and the revaluation of foreign denominated cash. See "Appendix" for additional information.

<sup>1.</sup> Adjusted Expenses is a non-GAAP financial measure. See "Appendix" for a reconciliation to its most comparable GAAP financial measure.

<sup>2.</sup> Growth information presented on a "constant currency" basis reflects growth for the period excluding the impact of foreign currency fluctuations. See "Disclaimers - Non-GAAP Financial Measures" for more information.

## Capital Management & FY Guidance



## **Key Highlights**

- \$314 million of unrestricted cash (June 30th)
- TTM 2Q19 FCF \$245million<sup>1</sup>. YTD FCF \$59 million, up +21%
- YTD Capex & Cap software: \$17.7million (+11% yr/yr)
- Board of Directors declared a quarterly dividend of \$0.08 per Class A and Class B share payable in September

## 2019 FY Guidance<sup>2</sup>

## **Updating**

- Adjusted Expenses: \$460 \$475 million (expected to trend to lower half of the range versus midpoint of the range)
- Eliminated full year interest income guidance of \$0.5 \$1.0 million.
   Future levels of interest income will fluctuate according to cash levels and reinvestment rates

## Maintaining

- Assumed non-GAAP Tax Rate: 26.4%
- Capex & Cap software: \$42 \$48 million
- Acquisition and Refinitiv Transaction related D&A: \$98 million

### New

- Non-cash, stock-based compensation expense associated with Special Option Award: \$1.6 - \$1.7 million per quarter in 3Q19 and 4Q19
  - 2Q19 expense<sup>3</sup>: \$20.4 million

<sup>1.</sup> Free Cash Flow is a non-GAAP financial measure. See "Appendix" for a reconciliation to its most comparable GAAP financial measure.

<sup>2.</sup> GAAP operating expenses and tax rate guidance are not provided due to the inherent difficulty in quantifying certain amounts due to a variety of factors including the unpredictability in the movement of foreign currency rates.

<sup>3. 2</sup>Q19 Special Option Award non-cash, stock based compensation expense of \$20.4 million related to the completion of the IPO on April 8th, 2019



# **APPENDIX**





Net Income to Adjusted EBITDA		
and Adjusted EBITDA Margin	2Q19	2Q18
Net Income	\$ 24,816	\$ 38,897
Contingent consideration	-	19,297
Interest income, net	(175)	(582)
Depreciation and amortization	34,292	16,178
Stock-based compensation expense associated with Special Option Award	20,403	0
Provision for income taxes	6,314	1,847
Unrealized foreign exchange (gains) / losses	1,577	(399)
(Gain) / loss from revaluation of foreign denominated cash <sup>1</sup>	(302)	(411)
Adjusted EBITDA	\$ 86,925	\$ 74,827
Adjusted EBIT <sup>2</sup>	\$ 76,766	\$ 65,206
Adjusted EBT <sup>3</sup>	\$ 76,941	\$ 65,788
Adjusted EBITDA Margin <sup>4</sup>	45.6%	43.8%
Adjusted EBIT Margin <sup>4</sup>	40.3%	38.1%

- 1. Represents foreign exchange gain or loss from the revaluation of cash denominated in a different currency than the entity's functional currency.
- Adjusted EBIT represents net income before contingent consideration, acquisition and Refinitiv Transaction related D&A, interest income, net, provision for income taxes, unrealized foreign exchange (gains) / losses and (gain) / loss from revaluation of foreign denominated cash. See "Operating Expenses to Adjusted Expenses" table for acquisition and Refinitiv related D&A.
- 3. Adjusted EBT represents net income before contingent consideration, acquisition and Refinitiv Transaction related D&A, provision for income taxes, unrealized foreign exchange (gains) / losses and (gain) / loss from revaluation of foreign denominated cash.
- Adjusted EBITDA margin and Adjusted EBIT margin are defined as Adjusted EBIT and Adjusted EBITDA, respectively, divided by gross revenue for the applicable period. See "2Q19 Earnings Performance" for gross revenue.

Operating Expenses to Adjusted Expenses	2Q19	2Q18
Operating Expenses	\$ 159,530	\$ 111,556
Acquisition and Refinitiv Transaction related D&A <sup>1</sup>	(24,133)	(6,557)
Stock-based compensation expense associated with Special Option Award	(20,403)	0
Unrealized foreign exchange gains / (losses)	(1,577)	399
Gain / (loss) from revaluation of foreign denominated cash <sup>2</sup>	302	411
Adjusted Expenses	\$ 113,719	\$ 105,809

- Represents acquisition related intangibles amortization and increased tangible asset and capitalized software depreciation and amortization resulting from the Refinitiv Transaction and the application of push down accounting (where all assets were marked to fair value as of the closing date of the Refinitiv Transaction).
- 2. Represents foreign exchange gain or loss from the revaluation of cash denominated in a different currency than the entity's functional currency.

Cash Flow from Operating Activities to Free Cash Flow	Trailing Tw Free	elve Month Cash Flow	YTD 2019	30	018 - 4Q18	 YTD 2018
Cash flow from operating activities	\$	289,330	\$ 76,973	\$	212,357	\$ 65,027
Less: Capitalization of software development costs		(27,828)	(13,914)		(13,914)	(12,765)
Less: Purchase of furniture, equipment and leasehold improvements		(16,085)	(3,793)		(12,292)	(3,125)
Free Cash Flow	\$	245,417	\$ 59,266	\$	186,151	\$ 49,137



## Reconciliation of Non-GAAP Financial Measures cont. (\$ in thousands)

Diluted EPS	2Q19	2Q18
Earnings per diluted share <sup>1</sup>	\$ 0.09 <sup>b</sup>	\$ 0.18 <sup>a</sup>
Pre-IPO net income attributable to Tradeweb Markets LLC <sup>1</sup>	\$0	\$38,897 <sup>a</sup>
Add: Net income attributable to Tradeweb Markets Inc. <sup>1</sup>	12,828 <sup>b</sup>	0
Add: Net income attributable to non-controlling interests 1,2	11,988 <sup>b</sup>	0
Net income	\$ 24,816 <sup>b</sup>	\$ 38,897 <sup>a</sup>
Provision for income taxes	6,314	1,847
Contingent consideration	0	19,297
Acquisition and Refinitiv Transaction related D&A <sup>3</sup>	24,133	6,557
Stock-based compensation expense associated with Special Option Award	20,403	0
Unrealized foreign exchange (gains) / losses	1,577	(399)
(Gain) / loss from revaluation of foreign denominated cash <sup>4</sup>	(302)	(411)
Adjusted Net Income before income taxes	76,941	65,788
Adjusted income taxes <sup>5</sup>	(20,312)	(17,368)
Adjusted Net Income	\$ 56,629	\$ 48,420
Adjusted Diluted EPS <sup>1,6</sup>	\$ 0.25 <sup>b</sup>	\$ 0.23 <sup>a</sup>

- 1. In April 2019, the Company completed the Reorganization Transactions and the IPO. As a result, certain earnings information is being presented separately for Tradeweb Markets LLC and Tradeweb Markets Inc.
  - a. Presents information for Tradeweb Markets LLC (pre-IPO period).
  - b. Presents information for Tradeweb Markets Inc. (post-IPO period).
- For the post-IPO period, represents the reallocation of net income attributable to non-controlling interests from the assumed exchange of all outstanding LLC Interests for shares of Class A or Class B common stock.
- Represents acquisition-related intangibles amortization and increased tangible asset and capitalized software
  depreciation and amortization resulting from the Refinitiv Transaction and the application of pushdown accounting (where
  all assets were marked to fair value as to the closing date of the Refinitiv Transaction).
- Represents foreign exchange gain or loss from the revaluation of cash denominated in a different currency than the entity's functional currency.
- Represents corporate income taxes at an assumed effective tax rate of 26.4% for the three months ended June 30, 2019 and 2018 applied to Adjusted Net Income before income taxes. For the pre-IPO periods, this adjustment assumes Tradeweb Markets LLC was subject to a corporate tax rate for the periods presented.
- 6. Due to the Reorganization Transactions and the IPO completed in April 2019, shares outstanding during the three months ended June 30, 2019 represent shares of TWM LLC (pre-IPO period) and shares of Class A and Class B common stock of Tradeweb Markets Inc. (post-IPO period). The table below summarizes the calculation of Adjusted Diluted EPS for the three months ended June 30, 2019 and 2018:

#### Reconciliation of Diluted Weighted Average Shares Outstanding to Adjusted **Diluted Weighted Average Shares Outstanding** 2Q19 2Q18 Weighted average TWM LLC shares outstanding 213.435.314 Diluted weighted average shares outstanding 150.847.183 Assumed exchange of TWM LLC interests for shares of Class A and Class B 79.289.005 common stock Adjusted diluted weighted average shares outstanding 230,136,188 213,435,314 **Adjusted Net Income** 56.629 48,420 **Adjusted Diluted EPS**

<sup>1.</sup> Assumes the exchange of all outstanding LLC Interests for shares of Class A and Class B common stock, resulting in the elimination of the non-controlling interests and recognition of the net income attributable to non-controlling interests.

## **Share Count Sensitivity**



# PRO FORMA ADJUSTED FULLY DILUTED WEIGHTED AVERAGE SHARES

		WEIGHTED/WEIGHGE	
	sumed Average	02 2040	04 2040
	are Price	Q3 2019	Q4 2019
\$	40.00	230,302,774	230,492,652
\$	41.00	230,475,770	230,661,017
\$	42.00	230,640,529	230,821,365
\$	43.00	230,797,624	230,974,255
\$	44.00	230,947,579	231,120,195
\$	45.00	231,090,868	231,259,649
\$	46.00	231,227,928	231,393,040
\$	47.00	231,359,156	231,520,755
\$	48.00	231,484,916	231,643,148
\$	49.00	231,605,542	231,760,545
\$	50.00	231,721,344	231,873,247
\$	51.00	231,832,605	231,981,529
\$	52.00	231,939,586	232,085,646
\$	53.00	232,042,530	232,185,834
\$	54.00	232,141,661	232,282,312
\$	55.00	232,237,188	232,375,281

The pro forma adjusted fully diluted weighted average shares outstanding and assumed share prices provided in the table above are being provided for illustrative purposes only and do not purport to represent what fully diluted weighted averages shares outstanding or our share price may be for any future period. The trading price of our Class A common stock could be volatile, and there can be no guarantee that actual trading prices will be at or above the assumed prices provided in the table above.

Pro forma adjusted fully diluted weighted average shares outstanding is computed by adjusting the weighted average shares of Class A and Class B common stock outstanding to give effect to potentially dilutive securities, including certain shares of Class A common stock underlying outstanding options and PRSU awards using the treasury stock method. The weighted average share calculation also assumes outstanding LLC Interests of Tradeweb Markets LLC were exchanged for shares of Class B common stock at the beginning of the applicable period. This adjustment is made for purposes of calculating pro forma adjusted fully diluted weighted average shares outstanding only and does not necessarily reflect the amount of exchanges that may occur in the future.

## **Quarterly Volumes**



		Q2 2019		Q1 20	)19	Q2 2	018	QoQ	YoY
Asset Class	Product	ADV (USDmm)	Volume (USDmm)	ADV (USDmm)	Volume (USDmm)	ADV (USDmm)	Volume (USDmm)	ADV	ADV
Rates	Cash	280,348	17,632,975	277,127	16,915,131	222,986	14,247,439	1.16%	25.72%
	U.S. Government Bonds	82,660	5,207,586	83,699	5,105,669	65,311	4,179,903	-1.24%	26.56%
	European Government Bonds	22,871	1,417,983	23,033	1,451,106	21,047	1,325,969	-0.71%	8.66%
	Mortgages	171,101	10,779,394	166,277	10,142,914	134,623	8,615,844	2.90%	27.10%
	Other Government Bonds	3,715	228,011	4,116	215,442	2,005	125,722	-9.75%	85.29%
	Derivatives	231,564	14,511,266	154,253	9,538,255	128,843	8,193,917	50.12%	79.73%
	Swaps/Swaptions ≥ 1Y	133,897	8,370,935	142,266	8,795,175	109,876	6,986,313	-5.88%	21.86%
	Swaps/Swaptions < 1Y	96,993	6,097,897	11,486	712,441	18,375	1,169,774	744.48%	427.85%
	Futures	674	42,433	502	30,638	591	37,830	34.12%	13.94%
Total		511,912	32,144,241	431,380	26,453,386	351,828	22,441,356	18.67%	45.50%
Credit	Cash	5,547	349,048	5,628	343,508	4,305	271,445	-1.43%	28.85%
	U.S. High-Grade	2,778	175,009	2,802	170,950	1,707	109,271	-0.88%	62.70%
	U.S. High-Yield	281	17,696	328	20,019	230	14,741	-14.41%	21.95%
	European Credit	1,287	79,769	1,321	83,210	1,364	85,905	-2.59%	-5.65%
	Municipal Bonds	249	15,715	279	17,027	266	17,001	-10.64%	-6.10%
	Chinese Bonds	881	56,392	833	48,293	676	40,575	5.82%	30.30%
	Other Credit Bonds	71	4,467	65	4,010	62	3,952	10.59%	14.84%
	Derivatives	6,670	417,319	10,755	666,312	7,486	475,397	-37.98%	-10.90%
	Swaps	6,670	417,319	10,755	666,312	7,486	475,397	-37.98%	-10.90%
Total		12,217	766,367	16,383	1,009,820	11,791	746,841	-25.43%	3.61%
Money Markets	***	222,595	14,022,433	191,123	11,771,688	169,553	10,829,843	16.47%	31.28%
	Repurchase Agreements (Repo)	203,800	12,839,387	172,352	10,626,099	147,573	9,424,716	18.25%	38.10%
	Other Money Markets	18,795	1,183,046	18,770	1,145,589	21,981	1,405,126	0.13%	-14.50%
Total		222,595	14,022,433	191,123	11,771,688	169,553	10,829,843	16.47%	31.28%
Equities	Cash	4,117	257,817	4,449	274,410	4,006	255,212	-7.48%	2.75%
	U.S. ETFs	2,587	162,995	2,950	179,947	2,807	179,631	-12.30%	-7.82%
	European ETFs	1,529	94,822	1,499	94,463	1,200	75,581	2.00%	27.48%
	Derivatives	3,004	187,751	3,252	201,321	2,913	185,292	-7.65%	3.11%
	Convertibles/Swaps/Options	1,404	87,241	1,438	90,183	925	58,366	-2.37%	51.72%
	Futures	1,600	100,510	1,814	111,138	1,988	126,927	-11.84%	-19.52%
Total		7,120	445,568	7,702	475,731	6,919	440,504	-7.55%	2.90%

### PRODUCT CATEGORIES INCLUDE

U.S. Government Bonds: U.S. Treasury bills, notes and bonds, and Treasury Inflation-protected

Mortgages: To-be-announced mortgage-backed securities, specified pools, collateralized mortgage obligations, commercial mortgage-backed securities, other mortgage derivatives and other

Other Government Bonds: Japanese, Canadian, Australian and New Zealand government bonds, covered bonds (including Pfandbriefe), other government-guaranteed securities, supranational, sub-sovereign and agency bonds/debentures. Starting in February 2019, Canadian Government Bonds effected on Tradeweb by non-Canadian clients have been added to these volumes.

Rates Futures: Government bond futures leg of exchange for physicals (EFPs).

U.S. High-Grade and High-Yield: All TRACE-reported corporates, excluding convertibles (see page 3 for segmentation methodology).

Chinese Bonds: Chinese Interbank Bond Market (CIBM) instruments - government and corporate- transacted via Bond Connect Company Limited (BCCL).

Other Credit Bonds: Other developed market (including non-TRACE-reported bonds, preferreds and structured notes), developing and emerging market corporate and

Credit Swaps: Index and single name credit default swaps.

Other Money Markets: Agency discount notes, commercial paper, certificates of deposits (including structured CDs), and deposits. Starting in February 2019, Canadian Commercial Paper effected on Tradeweb by non-Canadian clients have been added to these volumes.

ETF: Exchange traded funds (ETFs), ETF leg of EFPs, and net asset value trades.

Convertibles/Swaps/Options: Convertible bonds, equity swaps, call and put strategies, and other equity derivatives excluding futures. Certain equity derivatives transactions have been reclassified as Equity Futures to better reflect the product group.

Equities Futures: Equity futures including the futures leg of EFPs. Certain equity derivatives transactions have been reclassified as Equity Futures to better reflect the product group.

#### **VOLUMES**

Volumes include Tradeweb, Dealerweb and Tradeweb Direct. Except with respect to U.S. Treasuries, both sides of a trade are included in volume totals where the trade is fullyanonymous and a Tradeweb broker- dealer is the matched principal counterparty. Riskless principal trades on Tradeweb Direct are single-count.

All volumes converted to U.S. Dollars.

Volumes for Mortgages represent current face value at time of trade.

Volumes have been corrected to address the manner in which U.S. Treasury hedges with Interest Rate Swap transactions were being counted.

Volumes can reflect cancellations and corrections that occur after prior postings.

## U.S. Corporate Bonds



## USING MARKET REPORTING STANDARDS

#### TRADEWEB MARKETS

				Q2 2	019			Q1 2019					Q2 2018						QoQ		YoY		
		Vol	ume (USD	mm)		Trades		Vol	Volume (USD mm)			Trades			Volume (USD mm)			Trades					
Product	Туре	ADV		% of Report ed	ADT		% of Report ed	ADV		% of Report ed	ADT		% of Report ed	ADV		% of Report ed	ADT		% of Report ed	ADV	ADT	ADV	ADT
U.S. High- Grade	Total	2,883	181,634	12.4%	10,002	630,096	21.0%	2,927	178,560	11.2%	11,232	685,148	20.9%	1,821	116,521	8.5%	9,217	589,879	20.5%	-1.51%	-10.95%	58.36%	8.51%
	Electronically Processed	1,738	109,480	7.5%	265	16,698	0.6%	1,955	119,276	7.5%	280	17,068	0.5%	1,188	76,045	5.6%	176	11,236	0.4%	-11.13%	-5.27%	46.25%	50.97%
	Fully Electronic	1,145	72,154	4.9%	9,736	613,398	20.4%	972	59,285	3.7%	10,952	668,080	20.3%	632	40,475	3.0%	9,041	578,643	20.1%	17.84%	-11.10%	81.10%	7.69%
U.S. High- Yield	Total	294	18,516	3.2%	1,749	110,205	11.5%	340	20,753	3.4%	1,674	102,106	10.9%	242	15,476	3.1%	1,395	89,311	11.2%	-13.61%	4.51%	21.55%	25.35%
	Electronically Processed	132	8,301	1.5%	41	2,598	0.3%	211	12,875	2.1%	61	3,726	0.4%	157	10,078	2.0%	44	2,809	0.4%	-37.57%	-32.49%	-16.32%	-6.04%
	Fully Electronic	162	10,215	1.8%	1,708	107,607	11.2%	129	7,877	1.3%	1,613	98,380	10.5%	84	5,397	1.1%	1,352	86,502	10.8%	25.56%	5.91%	92.25%	26.37%

#### REPORTED MARKET

	Q2 2	2019	Q1 2	2019	Q2 2	QoQ	YoY	
	Volume (USD mm) Trades		Volume (USD mm)	Trades	Volume (USD mm)	Trades		
Product	ADV Total	ADT Total	ADV Total	ADT Total	ADV Total	ADT Total	ADV ADT	ADV ADT
U.S. High-Grade (TRACE)	23,296 1,467,650	47,629 3,000,653	26,045 1,588,767	53,835 3,283,932	21,353 1,366,586	44,970 2,878,103	-10.56% -11.53%	9.10% 5.91%
U.S. High-Yield (TRACE)	9,073 571,577	15,245 960,448	9,905 604,200	15,329 935,077	7,900 505,582	12,504 800,268	-8.40% -0.55%	14.85% 21.92%

#### **FOOTNOTES**

Numbers include all activity on Tradeweb, Dealerweb and Tradeweb Direct.

Corporate bond volume and trade count numbers reflect all trades reported to TRACE, excluding emerging market and convertible bonds.

Monthly average capped volumes for HG and HY applied to capped trades based on TRACE reporting standards.

Electronically Processed include voice trades processed electronically on Tradeweb. Day counts for corporate bonds reflect all SIFMA trading days.

Segmentation between HG and HY determined using the following methodology and ratings from Standards & Poor's (S&P), Moody's Investor Services and Fitch Ratings:

- If 2 of 3 of the bond's ratings are equal to or worse than BB+/Ba1/BB+ (but not including "other ratings") then the bond is HY.
- If 1 of 3 of the bond's ratings is equal to or worse than BB+/Ba1/BB+, and none are better, then the bond is HY.
- If the bond is not rated by any agency then the bond is HY.
- If 3 of 3 of the bond's ratings are better than BB+/Ba1/BB+ (but not including "other ratings") then the bond is HG.
- If 2 of 3 of the bond's ratings are better than BB+/Ba1/BB+ then the bond is HG.
- If 1 of 3 of the bond's ratings is better than BB+/Ba1/BB+, and none are equal or worse, then the bond is HG.
- If 1 of 3 of the bond's ratings is better than BB+/Ba1/BB+ and 1 of 3 is equal or worse, then the bond is HG. (i.e. The bond is split rated: 1 HG, 1 HY).

## Contacts



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