



2018 ANNUAL REPORT

MDC Partners

Where Great Talent Lives

Dear Shareholders,

Welcome to the company that is at the forefront of human creativity and insight. Every day MDC Partners agencies tackle some of the biggest challenges faced by some of the most prominent companies on earth, helping them get their products and services to the marketplace.

I am new to MDC but not new to the advertising and marketing industry, bringing with me over 40 years of frontline experience when I became CEO this March. Right away, I rolled up my sleeves and dug into the issues that have seen shareholders lose value even as MDC has consistently produced award-winning work. I believe we can reverse this, and that's why I spearheaded a \$100 million investment in MDC and took on this job as the third CEO in its 39-year history. I will waste no time in implementing a plan to increase growth, improve efficiency, enhance our media business and cut out unnecessary expenses in favor of appropriate investment in more digital and data-oriented work.

The headwinds that MDC has faced are a reflection of industry trends that have disrupted certain elements of our business model but they also provide unique and renewed opportunity for agencies at the forefront of creativity and the digital world.

Differentiation for Growth in the Face of Industry Disruption

I've been asked repeatedly about what makes MDC different from other networks, and whether MDC's fundamental organizing principle of entrepreneurialism can truly scale and succeed in today's industry environment. My answer is a resounding "yes."

Every year AdAge lists the top agencies and the agencies to watch, and though we are less than one percent of the total ad marketplace, our partner agencies are 20% of those named this year. We have more agencies honored on these lists than any holding company of any size, and that's a tribute to the cutting-edge nature of our flagship agencies. It's a clear sign of the great value that I believe can be unlocked here.

However, two significant trends have been affecting our businesses: 1) the continued move from conventional media to more targeted digital media; and 2) the shift from agency of Record (AOR) assignments to project work. At the same time, media and creative work, which had been separated from each other by procurement departments, are slowly being reunited, especially for mid-sized clients seeking to boost their online presence.

Contrary to common belief, overall media spend and the need for marketing services is increasing, not decreasing, as platforms like Facebook are growing in advertising revenue by over 30% a year. But to take advantage of that growth, we need to deepen our client relationships to sell more of the entire modern marketing stack from data and strategy through creative and media placement. We have core platforms across all of these services and we need to strengthen our go-to-market efforts to offer them on a more unified basis. This will be an important factor in achieving enhanced growth.

Prudent Cost Management

Over the course of 2018, MDC Partners made significant progress to set the company up for future success with greater flexibility. The restructuring efforts that began early in 2018 continued throughout the year, with over \$60 million of annualized staff costs and \$7 million in annualized real estate costs taken out of the system in 2018. We expect the benefit of these moves to become fully realized in 2019, given the offset by the one-time restructuring cost needed to achieve the savings.

At the same time, we are focused on new opportunities for efficiency throughout this year, with further real estate and staff cost savings opportunities being pursued both in the United States and overseas. I believe we need to invest more in state-of-the-art digital services and less in real estate palaces. Further efficiencies are possible not just in real estate but also in healthcare, IT, accounting and travel expenses. We will strive to be lean, nimble and competitive.

Investment in Technology and Digital Talent

In April of 2018, MDC Partners acquired a majority partnership interest in Portland, Oregon-based digital agency Instrument, effectively expanding its digital offering in strategy, creative and technology, and accelerating MDC's growth, building on its portfolio of modern, innovative and digital-first agencies. Instrument's 175-person team of strategists, producers, designers, engineers and content creators have an impressive track record of leading digital marketing and technology-driven business transformation for some of the world's most recognized companies, including Google, Nike, Levi's, Airbnb, Sonos and Dropbox. With a distinct values-driven agency culture and unique team model, Instrument has been named "a top 50 company creatives would kill to work for" by Working Not Working three years in a row, reinforcing our position as "The Place Where Great Talent Lives." Our plan is to continue to invest in expanding our digital platforms while putting data, digital and media throughout the network in new ways, to ensure we are bringing the most progressive and effective solutions to the marketplace.

MDC's Strategic Review Process

The Stagwell Group's investment marks the end of the strategic review process initiated in the latter part of 2018 by the company's Board of Directors, along with its management team. The comprehensive strategic review had clear objectives: to solidify the MDC balance sheet, bring strong leadership to the parent, create greater stability for MDC's partner firms in the market, and improve MDC's ability to invest behind its core strengths. The Board evaluated a number of options, including various forms of investment into the company, a sale or merger of the company, divestiture of certain assets and further consolidation of the portfolio, and in March, announced the successful completion of that strategic review process and my appointment as CEO.

The Stagwell Group's \$100 million equity investment in MDC at a premium valuation is a reflection of the future potential in this business and recognizes the scarcity of the assets that make up the MDC portfolio. Importantly, it serves to stabilize the balance sheet and reduce debt, while at the same time creating flexibility to invest in MDC's world-class agency platforms and reapply ourselves toward priority growth opportunities, while allowing us to focus on our position as the preeminent talent-first network in the industry.

Board Enhancement and Settlement with Activist

This month, we also announced several changes to our Board of Directors, as well as a settlement agreement with FrontFour Capital Group LLC, which included the addition of Kristen O'Hara and one additional director candidate, to our slate of director nominees for election at the 2019 Annual Meeting. At the same time, two of our longstanding directors announced that they will not stand for reelection at this meeting, and the Board appointed me Chairman of the Board of Directors. These changes are consistent with my belief in the importance of having directors with first-rate industry experience as we remain focused on maximizing value for all shareholders, and we are pleased to have reached a constructive outcome with FrontFour — thereby eliminating a potential distraction from the task at hand.

Future-Leaning

All of these initiatives are critical to us as we reinforce our role as leaders in our industry and return to delivering superior shareholder value.

As an organization, we have a detailed plan including meaningful run rate savings by the end of year one, renewed focus on selected properties and products, enhanced digital offerings, and a series of growth synergies based on more marketing collaboration across the group.

I am honored to be entrusted with leading MDC Partners into its next phase of growth, and I am excited by the opportunities I see to better optimize the underlying strengths of our business while leveraging the digital and technology solutions that will power our future.

On behalf of MDC Partners I would like to thank all of our global employees and you, our shareholders, for your continued support as we work diligently to create stronger growth, more efficient operations and increased value. I look forward to keeping you informed of our progress.

Sincerely,

A handwritten signature in black ink, appearing to be 'Mark Penn', with a stylized, sweeping underline.

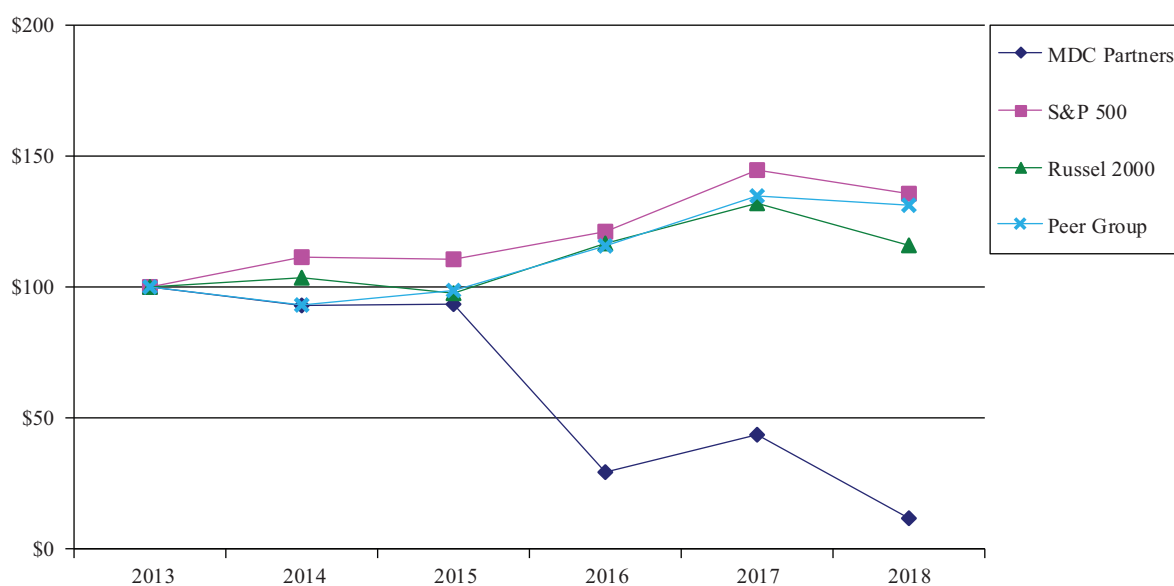
Mark Penn
Chairman and CEO
MDC Partners

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Comparison of 5 Years' Cumulative Total Return among MDC Partners, S&P 500 Index, the Russell 2000 Index and Peer Group

Set forth below is a line graph comparing the cumulative total shareholder return of MDC Partners common stock for the last five years to that of the Standard & Poor's 500 Stock Index, Russell 2000 Index and a peer group of publicly held media, corporate communications and marketing service companies. The graph assumes that, on December 31, 2013, \$100 was invested in each of the following: MDC Partners common stock, the S&P 500 Stock Index, the Russell 2000 Index, and the peer group (and that all dividends were reinvested).

The peer group consists of Arbitron, Central European Media, Dreamworks Animation, John Wiley & Sons, Lee Enterprises, Morningstar, Scholastic Corporation, EW Scripps, The New York Times Co., Belo Corp., Cumulus Media, Harte-Hanks, Lamar Advertising, Meredith Corporation, National CineMedia, Sinclair Broadcast Group, The McClatchy Company and Valassis Communications. Total shareholder return for the peer group is weighted according to market capitalization at the beginning of each annual period. Note that certain companies within this peer group (including Arbitron, Belo Corp., Dreamworks Animation and Valassis Communications) have been acquired during this five-year period and their stock is no longer publicly traded. Accordingly, these acquired entities are included in the peer group but only up through the closing date of the respective acquisition.



	2013	2014	2015	2016	2017	2018
MDC Partners	100.00	92.94	93.44	29.27	43.56	11.66
S&P 500 Index	100.00	111.39	110.58	121.13	144.65	135.63
Russel 2000 Index	100.00	103.53	97.62	116.63	131.96	115.89
Peer Group	100.00	93.12	98.64	115.68	134.76	131.23

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

FORM 10-K

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

For the Fiscal Year Ended December 31, 2018

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d)
OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number 001-13718

MDC PARTNERS INC.

(Exact Name of Registrant as Specified in Its Charter)

Canada

(State or Other Jurisdiction of
Incorporation or Organization)

98-0364441

(I.R.S. Employer
Identification Number)

**745 Fifth Avenue, 19th Floor,
New York, New York, 10151
(646) 429-1800**

(Address, Including Zip Code, and Telephone Number, Including Area Code, of Registrant's Principal Executive Offices)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class

Name of Each Exchange on Which Registered

Class A Subordinate Voting Shares, no par value

NASDAQ

Securities registered pursuant to Section 12(g) of the Act: **None.**

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer Non-accelerated filer Smaller reporting company Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). Yes No

The aggregate market value of the shares of all classes of voting and non-voting common stock of the registrant held by non-affiliates as of June 29, 2018, the last business day of the Registrant's most recently completed second fiscal quarter, was approximately \$223.8 million, computed upon the basis of the closing sales price \$4.60 of the Class A subordinate voting shares on that date.

As of February 28, 2019, there were 57,577,825 outstanding shares of Class A subordinate voting shares without par value, and 3,755 outstanding shares of Class B multiple voting shares without par value, of the registrant.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Registrant's Proxy Statement relating to the 2019 Annual General Meeting of Stockholders are incorporated by reference in Part III of this report.

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MDC PARTNERS INC.

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References in this Annual Report on Form 10-K to “MDC Partners,” “MDC,” the “Company,” “we,” “us” and “our” refer to MDC Partners Inc. and, unless the context otherwise requires or otherwise is expressly stated, its subsidiaries. References in the Annual Report on Form 10-K to “Partner Firms” generally refer to the Company’s subsidiary agencies.

All dollar amounts are stated in U.S. dollars unless otherwise stated.

DOCUMENTS INCORPORATED BY REFERENCE

The following sections of the Proxy Statement for the Annual Meeting of Stockholders to be held on June 4, 2019, are incorporated by reference in Parts I and III: “Election of Directors,” “Section 16(a) Beneficial Ownership Reporting Compliance,” “Executive Compensation,” “Report of the Human Resources and Compensation Committee on Executive Compensation,” “Outstanding Shares,” “Appointment of Auditors,” and “Certain Relationships and Related Transactions.”

FORWARD-LOOKING STATEMENTS

This document contains forward-looking statements. The Company's representatives may also make forward-looking statements orally from time to time. Statements in this document that are not historical facts, including statements about the Company's beliefs and expectations, recent business and economic trends, potential acquisitions, and estimates of amounts for redeemable noncontrolling interests and deferred acquisition consideration, constitute forward-looking statements. These statements are based on current plans, estimates and projections, and are subject to change based on a number of factors, including those outlined in this section. Forward-looking statements speak only as of the date they are made, and the Company undertakes no obligation to update publicly any of them in light of new information or future events, if any.

Forward-looking statements involve inherent risks and uncertainties. A number of important factors could cause actual results to differ materially from those contained in any forward-looking statements. Such risk factors include, but are not limited to, the following:

- risks associated with severe effects of international, national and regional economic conditions;
- the Company's ability to attract new clients and retain existing clients;
- the spending patterns and financial success of the Company's clients;
- the Company's ability to retain and attract key employees;
- the Company's ability to achieve the full amount of its stated cost saving initiatives;
- the Company's ability to remain in compliance with its debt agreements and the Company's ability to finance its contingent payment obligations when due and payable, including but not limited to those relating to redeemable noncontrolling interests and deferred acquisition consideration;
- the successful completion and integration of acquisitions which complement and expand the Company's business capabilities; and
- foreign currency fluctuations.

Investors should carefully consider these risk factors and the additional risk factors outlined in more detail in this Annual Report on Form 10-K under Item 1A, under the caption "Risk Factors" and in the Company's other SEC filings.

SUPPLEMENTARY FINANCIAL INFORMATION

The Company reports its financial results in accordance with generally accepted accounting principles of the United States of America ("U.S. GAAP"). However, the Company has included certain non-U.S. GAAP financial measures and ratios, which it believes, provide useful information to both management and readers of this report in measuring the financial performance and financial condition of the Company. These measures do not have a standardized meaning prescribed by U.S. GAAP and, therefore, may not be comparable to similarly titled measures presented by other publicly traded companies, nor should they be construed as an alternative to other titled measures determined in accordance with U.S. GAAP.

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PART I

Item 1. Business

MDC PARTNERS INC.

MDC was formed by Certificate of Amalgamation effective December 19, 1986, pursuant to the Business Corporations Act (Ontario). Effective December 19, 1986, MDC amalgamated with Branbury Explorations Limited, and thereby became a public company operating under the name of MDC Corporation. On January 1, 2004, MDC changed its name to its current name, MDC Partners Inc., and on June 28, 2004, MDC was continued under Section 187 of the Canada Business Corporations Act. MDC's registered address is located at 33 Draper Street, Toronto, Ontario, M5V 2M3, and its head office address is located at 745 Fifth Avenue, 19th Floor, New York, New York 10151.

About Us

MDC is a leading global provider of marketing, advertising, activation, communications and strategic consulting solutions. Through its network of Partner Firms (as defined below), MDC delivers a broad range of customized services, including (1) global advertising and marketing, (2) media buying, planning and optimization, (3) interactive and mobile marketing, (4) direct marketing, (5) database and customer relationship management, (6) sales promotion, (7) corporate communications, (8) market research, (9) data analytics and insights, (10) corporate identity, design and branding services, (11) social media communications, (12) product and service innovation, (13) e-commerce management, and (14) technology services.

Market Strategy

MDC's strategy is to build, grow and acquire market-leading businesses that deliver innovative, value-added marketing, activation, communications and strategic consulting services to their clients. By doing so, MDC strives to be a partnership of marketing communications and consulting companies (or "Partner Firms") whose strategic, creative and innovative solutions are media-agnostic, challenge the status quo, achieve measurable superior returns on investment, and drive transformative growth and business performance for its clients and stakeholders.

The MDC model is driven by three key elements:

Perpetual Partnership. The perpetual partnership model creates ongoing alignment of interests between MDC and its Partner Firms to drive the Company's overall performance by (1) identifying the "right" Partner Firms with a sustainable differentiated position in the marketplace, (2) creating the "right" partnership structure by taking a majority ownership position and leaving a substantial noncontrolling equity or economic ownership position in the hands of operating management to incentivize long-term growth, (3) providing succession planning support and compensation models to incentivize future leaders and second-generation executives, (4) leveraging the network's scale to provide access to strategic resources and best practices and (5) focusing on delivering financial results.

Entrepreneurialism. The entrepreneurial spirit of both MDC and its Partner Firms is optimized through (1) its unique perpetual partnership model that incentivizes senior-level involvement and ambition, (2) access to shared resources within the Corporate Group that allow individual firms to focus on client business and company growth and (3) MDC's collaborative creation of customized solutions to support and grow Partner Firm businesses.

Human and Financial Capital. The perpetual partnership model balances accountability with financial flexibility and meaningful incentives to support growth.

Reporting Segments

MDC has four reportable segments, plus an All Other category, all of which form the Advertising and Communications Group. The Partner Firms provide a wide range of service offerings both domestically and globally. While in some cases the firms provide the same or similar service offerings, the core or principal service offering is the key factor that distinguishes the Partner Firms from one another.

The following discussion provides additional detailed disclosure for the four reportable segments and the All Other category:

Global Integrated Agencies — This segment is comprised of the Company’s five global, integrated Partner Firms serving multinational clients around the world. The operating segments within the Global Integrated Agencies reportable segment provides a range of different services for its clients, including strategy, creative and production for advertising campaigns across a variety of platforms (print, digital, social media, television broadcast).

Domestic Creative Agencies — This segment is comprised of five Partner Firms that are national advertising agencies leveraging creative capabilities at their core.

Specialist Communications — This segment is comprised of five Partner Firms that are each communications agencies with core service offerings in public relations and related communications services.

Media Services — This segment is comprised of two operating segments with media buying and planning as its core competency.

All Other — This category consists of the Company’s remaining Partner Firms that provide a range of diverse marketing communication services but are not eligible for aggregation with the reportable segments. Each of the Partner Firms in the All Other category represent less than 10% of consolidated revenue and do not meet the criteria to be a separate reportable segment.

Corporate — In addition, MDC reports its corporate office expenses incurred in connection with the strategic resources provided to the Partner Firms, as well as certain other centrally managed expenses that are not fully allocated to the Partner Firms as Corporate. Corporate provides client and business development support to the Partner Firms as well as certain strategic resources, including accounting, administrative, financial, real estate, human resource and legal functions. Additional expenses managed by the corporate office that are directly related to the Partner Firms are allocated to the appropriate reportable segment and the All Other category.

For further information relating to the Company’s segments, including financial information, see Note 16 of the Notes to the Consolidated Financial Statements and “Item 7 — Management’s Discussion and Analysis of Financial Condition and Results of Operations.”

Ownership Information

MDC maintains a majority or 100% ownership position in substantially all of its Partner Firms with management of the partner companies owning the remaining equity. MDC generally has rights to increase ownership of non-wholly owned subsidiaries to 100% over a defined period of time. MDC’s effective economic interest in each Partner Firm may vary from its voting ownership interest due to certain factors, such as the existence of contingent deferred acquisition payments and/or cash distribution hurdles related to noncontrolling interest holders.

The table below sets forth MDC’s voting ownership percentage of each listed Partner Firm as of December 31, 2018. The table does not display all agencies or components within each Partner Firm for which MDC may or may not maintain the same ownership percentage.

MDC PARTNERS INC.

SCHEDULE OF ADVERTISING AND COMMUNICATIONS COMPANIES

<u>Company</u>	<u>Year of Initial Investment</u>	<u>Locations</u>	<u>Ownership %</u>
<i>Consolidated:</i>			
Global Integrated Agencies:			
72andSunny	2010	Los Angeles, New York, Netherlands, UK, Australia, Singapore	100.0%
Anomaly	2011	New York, Los Angeles, Netherlands, Canada, UK, China, Germany	100.0%
Crispin Porter Bogusky	2001	Boulder, Los Angeles, UK, Brazil, China	100.0%
Doner	2012	Detroit, Cleveland, Los Angeles, UK	100.0%
Forsman & Bodenfors	2004	Sweden, New York, Canada, China, UK, Los Angeles, Singapore	100.0%
Attention	2009	New York, Los Angeles	100.0%
The Media Kitchen	2004	New York, Canada, UK	100.0%
Domestic Creative Agencies:			
Colle + McVoy	1999	Minneapolis	100.0%
Laird + Partners	2011	New York	65.0%
Mono Advertising	2004	Minneapolis, San Francisco	70.0%
Union	2013	Canada	75.0%
Yamamoto	2000	Minneapolis	100.0%
Civilian	2000	Chicago	100.0%
Specialist Communications:			
Allison & Partners	2010	San Francisco, Los Angeles, New York and other US Locations, China, France, Singapore, UK, Japan, Germany	100.0%
Luntz Global	2014	Washington, D.C.	100.0%
Sloane & Company	2010	New York	100.0%
HL Group Partners	2007	New York, Los Angeles, China	100.0%
Hunter PR	2014	New York, UK	65.0%
KWT Global	2010	New York, UK, Canada	77.5%
Veritas	1993	Canada	90.0%
Media Services:			
MDC Media Partners	2010	New York	
Assembly	2010	New York, Detroit, Atlanta, Los Angeles	100.0%
EnPlay	2015	New York	100.0%
Trade X	2011	New York	90.0%
Unique Influence	2015	Austin	100.0%
Yes & Company	2018	New York	
Bruce Mau Design	2004	Canada, New York	100.0%
Northstar Research Partners	1998	Canada, New York, UK, Indonesia	100.0%
Varick Media Management 2	2010	New York	100.0%
All Other:			
6degrees Communications	1993	Canada	74.9%
Concentric Partners	2011	New York, UK	72.3%
Gale Partners	2014	Canada, New York, India, Singapore	60.0%
Instrument	2018	Portland	51.0%
Kenna	2010	Canada	100.0%
Kingsdale	2014	Canada, New York	65.0%
Redscout	2007	New York, San Francisco, UK	100.0%

<u>Company</u>	<u>Year of Initial Investment</u>	<u>Locations</u>	<u>Ownership %</u>
Relevant	2010	New York	100.0%
TEAM	2010	Ft. Lauderdale	100.0%
Vitro	2004	San Diego, Austin	81.6%
Y Media Labs	2015	Redwood City, New York, India,	60.0%

Competition

MDC operates in a highly competitive and fragmented industry. Our Partner Firms compete for business and talent with the operating subsidiaries of large global holding companies such as Omnicom Group Inc., Interpublic Group of Companies, Inc., WPP plc, Publicis Groupe SA, Dentsu Inc. and Havas SA, as well as with numerous independent agencies that operate in multiple markets. Our firms also face competition from consultancies, tech platforms, media companies and other services firms that have begun to offer related services. MDC’s Partner Firms must compete with all of these other companies to maintain existing client relationships and to obtain new clients and assignments.

MDC’s Partner Firms compete at this level by providing clients with progressive advertising and marketing ideas and solutions that are focused on increasing clients’ revenues and profits. MDC also benefits from cooperation among its entrepreneurial Partner Firms through referrals and the sharing of both services and expertise, which enables MDC to service clients’ varied marketing needs around the world by crafting custom integrated solutions. Additionally, MDC’s consistent maintenance of separate, independent operating companies enables MDC to effectively manage potential conflicts of interest by representing competing clients across its network.

Industry Trends

There are several recent economic and industry trends that affect or may be expected to affect the Company’s results of operations. Historically, advertising has been the primary service provided by the marketing communications industry. However, as clients aim to establish one-to-one relationships with customers, and more accurately measure the effectiveness of their marketing expenditures, specialized and digital communications services and database marketing and analytics are consuming a growing portion of marketing dollars. The Company believes these changes in the way consumers interact with media is increasing the demand for a broader range of non-advertising marketing communications services (i.e., direct marketing, sales promotion, interactive, mobile, strategic communications and public relations), which we expect could have a positive impact on our results of operations. In addition, the rise of technology and data solutions have rendered scale less crucial as it once was in areas such as media buying, creating significant opportunities for agile and modern players. Global marketers now demand breakthrough and integrated creative ideas, and no longer require traditional brick-and-mortar communications partners in every market to optimize the effectiveness of their marketing efforts. Combined with the fragmentation of the media landscape, these factors provide new opportunities for small to mid-sized communications companies like those in the MDC network. In addition, marketers now require ever greater speed-to-market to drive financial returns on their marketing and media investment, causing them to turn to more nimble, entrepreneurial and collaborative communications firms like MDC Partner Firms.

As client procurement departments have focused increasingly on marketing services company fees in recent years, the Company has invested in resources to work with client procurement departments to ensure that we are able to deliver against client goals in a mutually beneficial way. For example, the Company has explored new compensation models, such as performance-based incentive payments and equity, in order to greater align our success with our clients. These incentive payments may offset negative pricing pressure from client procurement departments.

Clients

MDC serves a large base of clients across the full spectrum of industry verticals. In many cases, we serve the same clients in various geographic locations, across multiple disciplines, and through multiple Partner Firms. Representation of a client rarely means that MDC handles marketing communications for all brands or product lines of the client in every geographical location. During 2018, 2017 and 2016, the

Company did not have a client that accounted for 5% or more of revenues. In addition, MDC’s ten largest clients (measured by revenue generated) accounted for 23% of revenue for the three year period ended December 31, 2018.

MDC’s agencies have written contracts with many of their clients. As is customary in the industry, these contracts generally provide for termination by either party on relatively short notice, usually 90 days. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations — Executive Overview” for a further discussion of MDC’s arrangements with its clients.

Employees

As of December 31, 2018, we employed approximately 6,024 people worldwide. The following table provides a breakdown of full time employees across MDC’s four reportable segments, the All Other category, and Corporate:

Segment	Total
Global Integrated Agencies	2,719
Domestic Creative Agencies	482
Specialist Communications	705
Media Services	535
All Other	1,513
Corporate	70
Total	6,024

See “Management’s Discussion and Analysis of Financial Condition and Results of Operations” for a discussion of the effect of cost of services sold on MDC’s historical results of operations. Because of the personal service character of the marketing communications businesses, the quality of personnel is of crucial importance to MDC’s continuing success. MDC considers its relations with its employees to be satisfactory.

Effect of Environmental Laws

MDC believes it is substantially in compliance with all regulations concerning the discharge of materials into the environment, and such regulations have not had a material effect on the capital expenditures or operations of MDC.

Seasonality

Historically, with some exceptions, we generate the highest quarterly revenues during the fourth quarter in each year. The fourth quarter has historically been the period in the year in which the highest volumes of media placements and retail related consumer marketing occur. See Note 22 of the Notes to the Consolidated Financial Statements for information relating to the Company’s quarterly results.

Available Information

Information regarding the Company’s Annual Report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and any amendments to these reports, will be made available, free of charge, at the Company’s website at <http://www.mdc-partners.com>, as soon as reasonably practicable after the Company electronically files such reports with or furnishes them to the Securities and Exchange Commission (the “SEC”). The information found on, or otherwise accessible through, the Company’s website is not incorporated into, and does not form a part of, this Annual Report or Form 10-K. The Company’s filings are also available to the public from the SEC’s website at <http://www.sec.gov>.

The Company’s Code of Conduct (Whistleblower Policy) and each of the charters for the Audit Committee, Human Resources and Compensation Committee and Nominating and Corporate Governance Committee, are available free of charge on the Company’s website at <http://www.mdc-partners.com> or by writing to MDC Partners Inc., 745 Fifth Avenue, 19th Floor, New York, New York 10151, Attention: Investor Relations.

Item 1A. Risk Factors

The following factors could adversely affect the Company's revenues, results of operations or financial condition. See also "Forward-Looking Statements."

Future economic and financial conditions could adversely impact our financial condition and results.

Advertising, marketing and communications expenditures are sensitive to global, national and regional macroeconomic conditions, as well as specific budgeting levels and buying patterns. Adverse developments including heightened uncertainty could reduce the demand for our services, which could adversely affect our revenue, results of operations, and financial position in 2019.

a. As a marketing services company, our revenues are highly susceptible to declines as a result of unfavorable economic conditions.

Global economic conditions affect the advertising and marketing services industry more severely than other industries. In the past, some clients have responded to weakening economic conditions with reductions to their marketing budgets, which include discretionary components that are easier to reduce in the short term than other operating expenses. This pattern may recur in the future. Decreases in our revenue would negatively affect our financial results, including a reduction of our estimates of free cash flow from operations.

b. If our clients experience financial distress, their weakened financial position could negatively affect our own financial position and results.

We have a diverse client base, and at any given time, one or more of our clients may experience financial difficulty, file for bankruptcy protection or go out of business. The unfavorable economic and financial conditions that have impacted many sectors of the global economy could result in an increase in client financial difficulties that affect us. The direct impact on us could include reduced revenues and write offs of accounts receivable. If these effects were severe, the indirect impact could include impairments of goodwill, covenant violations relating to MDC's senior secured revolving credit agreement (as amended, the "Credit Agreement") or the \$900 million aggregate principal amount of 6.50% notes due 2024 (the "6.50% Notes"), or reduced liquidity. Our ten largest clients (measured by revenue generated) accounted for 23% of our revenue in 2018.

c. Conditions in the credit markets could adversely impact our results of operations and financial position.

Turmoil in the credit markets or a contraction in the availability of credit would make it more difficult for businesses to meet their capital requirements and could lead clients to change their financial relationship with their vendors, including us. If that were to occur, it could materially adversely impact our results of operations and financial position.

MDC competes for clients in highly competitive industries.

The Company operates in a highly competitive environment in an industry characterized by numerous firms of varying sizes, with no single firm or group of firms having a dominant position in the marketplace. MDC is, however, smaller than several of its larger industry competitors. Competitive factors include creative reputation, management, personal relationships, quality and reliability of service and expertise in particular niche areas of the marketplace. In addition, because a firm's principal asset is its people, barriers to entry are minimal, and relatively small firms are, on occasion, able to take all or some portion of a client's business from a larger competitor.

While many of MDC's client relationships are long-standing, companies put their advertising and marketing services businesses up for competitive review from time to time, including at times when clients enter into strategic transactions or experienced senior management changes. From year to year, the identities of MDC's ten largest customers may change, as a result of client losses and additions and other factors. To the extent that the Company fails to maintain existing clients or attract new clients, MDC's business, financial condition and operating results may be affected in a materially adverse manner.

The loss of lines of credit under the Credit Agreement could adversely affect MDC's liquidity and our ability to implement MDC's acquisition strategy and fund any put options if exercised.

MDC uses amounts available under the Credit Agreement, together with cash flow from operations, to fund its working capital needs, to fund the exercise of put option obligations and to fund our strategy of making selective acquisitions of ownership interests in entities in the marketing communications services industry, including through contingent deferred acquisition payments.

On March 12, 2019, in connection with an amendment to the Credit Agreement, we reduced the maximum amount of revolving commitments provided by the lenders to \$250 million from \$325 million.

The Company is currently in compliance with all of the terms and conditions of the Credit Agreement. If, however, events were to occur, which result in MDC losing all or a substantial portion of its available credit under the Credit Agreement, or if MDC was prevented from accessing such lines of credit due to other restrictions such as those in the indenture governing the 6.50% Notes, MDC could be required to seek other sources of liquidity. In addition, if MDC were unable to replace these sources of liquidity, then MDC's ability to fund its working capital needs and any contingent obligations with respect to put options or contingent deferred acquisition payments would be materially adversely affected.

We have significant contingent obligations related to deferred acquisition consideration and noncontrolling interests in our subsidiaries, which will require us to utilize our cash flow and/or to incur additional debt to satisfy.

The Company has made a number of acquisitions for which it has deferred payment of a portion of the purchase price, usually for a period between one to five years after the acquisition. The deferred acquisition consideration is generally payable based on achievement of certain thresholds of future earnings of the acquired company and, in certain cases, also based on the rate of growth of those earnings. Once any contingency is resolved, the Company may pay the contingent consideration over time.

The Company records liabilities on its balance sheet for deferred acquisition payments at their estimated value based on the current performance of the business, which are remeasured each quarter. At December 31, 2018, these aggregate liabilities were \$83.7 million, of which \$32.9 million, \$29.5 million and \$21.3 million would be payable in 2019, 2020 and 2021.

In addition to the Company's obligations for deferred acquisition consideration, managers of certain of the Company's acquired subsidiaries hold noncontrolling interests in such subsidiaries. In the case of certain noncontrolling interests related to acquisitions, such managers are entitled to a proportionate distribution of earnings from the relevant subsidiary, which is recognized on the Company's consolidated income statement under "Net income attributable to the noncontrolling interests."

Noncontrolling shareholders often have the right to require the Company to purchase all or part of its interest, either at specified dates or upon the termination of such shareholder's employment with the subsidiary or death (put rights). In addition, the Company usually has rights to call noncontrolling shareholders' interests at a specified date. The purchase price for both puts and calls is typically calculated based on specified formulas tied to the financial performance of the subsidiary.

The Company recorded \$51.5 million on its December 31, 2018 balance sheet as redeemable noncontrolling interests for its estimated obligations in respect of noncontrolling shareholder put and call rights based on the current performance of the subsidiaries, \$20.0 million of which related to put rights for which, if exercised, the payments are due at specified dates, with the remainder of redeemable noncontrolling interests attributable to put or call rights exercisable only upon termination of employment or death. No estimated obligation is recorded on the balance sheet for noncontrolling interests for which the Company has a call right but the noncontrolling holder has no put right.

Payments to be made by the Company in respect of deferred acquisition consideration and noncontrolling shareholder put rights may be significantly higher than the estimated amounts described above because the actual obligation adjusts based on the performance of the acquired businesses over time, including future growth in earnings from the calculations made at December 31, 2018. Similarly, the payments made by the Company under call rights would increase with growth in earnings of the acquired businesses. The Company

expects that deferred contingent consideration and noncontrolling interests for managers may be features of future acquisitions that it may undertake and that it may also grant similar noncontrolling interests to managers of its subsidiaries unrelated to acquisitions.

The Company expects that its obligations in respect of deferred acquisition consideration and payments to noncontrolling shareholders under put and call rights will be a significant use of the Company's liquidity in the foreseeable future, whether in the form of free cash flow or borrowings under the Company's revolving credit agreement or from other funding sources. For further information, see the disclosure under the heading "Business — Ownership Information" and the heading "Liquidity and Capital Resources."

MDC may not realize the benefits it expects from past acquisitions or acquisitions MDC may make in the future.

MDC's business strategy includes ongoing efforts to engage in acquisitions of ownership interests in entities in the marketing communications services industry. MDC intends to finance these acquisitions by using available cash from operations and through incurrence of debt or bridge financing, either of which may increase its leverage ratios, or by issuing equity, which may have a dilutive impact on its existing shareholders. At any given time, MDC may be engaged in a number of discussions that may result in one or more material acquisitions. These opportunities require confidentiality and may involve negotiations that require quick responses by MDC. Although there is uncertainty that any of these discussions will result in definitive agreements or the completion of any transactions, the announcement of any such transaction may lead to increased volatility in the trading price of its securities.

Our expenses have, in certain periods, increased at a greater rate than revenues, which in part reflects both the increase in expenses for deferred acquisition consideration and from our investment in headcount for certain growth initiatives. Should our acquisitions continue to outperform current expectations, expenses for deferred acquisition consideration could increase as well in future periods. If our growth initiatives do not provide sufficient revenue to offset the incremental costs in future periods, profits could be reduced and severance expense could be incurred in order to return to targeted profit margins over time.

The success of acquisitions or strategic investments depends on the effective integration of newly acquired businesses into MDC's current operations. Such integration is subject to risks and uncertainties, including realization of anticipated synergies and cost savings, the ability to retain and attract personnel and clients, the diversion of management's attention from other business concerns, and undisclosed or potential legal liabilities of the acquired company. MDC may not realize the strategic and financial benefits that it expects from any of its past acquisitions, or any future acquisitions.

MDC's business could be adversely affected if it loses key clients or executives.

MDC's strategy has been to acquire ownership stakes in diverse marketing communications businesses to minimize the effects that might arise from the loss of any one client or executive. The loss of one or more clients could materially affect the results of the individual Partner Firms and the Company as a whole. Management succession at our operating units is very important to the ongoing results of the Company because, as in any service business, the success of a particular agency is dependent upon the leadership of key executives and management personnel. If key executives were to leave our operating units, the relationships that MDC has with its clients could be adversely affected.

MDC's ability to generate new business from new and existing clients may be limited.

To increase its revenues, MDC needs to obtain additional clients or generate demand for additional services from existing clients. MDC's ability to generate initial demand for its services from new clients and additional demand from existing clients is subject to such clients' and potential clients' requirements, pre-existing vendor relationships, financial conditions, strategic plans and internal resources, as well as the quality of MDC's employees, services and reputation and the breadth of its services. To the extent MDC cannot generate new business from new and existing clients due to these limitations, MDC's ability to grow its business and to increase its revenues will be limited.

MDC's business could be adversely affected if it loses or fails to attract key employees.

Employees, including creative, research, analytics, media, technology development, account and practice group specialists, and their skills and relationships with clients, are among MDC's most important assets. An important aspect of MDC's competitiveness is its ability to retain key employee and management personnel. Compensation for these key employees is an essential factor in attracting and retaining them, and MDC may not offer a level of compensation sufficient to attract and retain these key employees. If MDC fails to hire and retain a sufficient number of these key employees, it may not be able to compete effectively. If key executives were to leave our operating units, the relationships that MDC has with its clients could be adversely affected.

MDC is exposed to the risk of client defaults.

MDC's agencies often incur expenses on behalf of their clients for productions in order to secure a variety of media time and space, in exchange for which they receive a fee. The difference between the gross cost of the production and media and the net revenue earned by us can be significant. While MDC takes precautions against default on payment for these services (such as credit analysis and advance billing of clients) and has historically had a very low incidence of default, MDC is still exposed to the risk of significant uncollectible receivables from our clients. The risk of a material loss could significantly increase in periods of severe economic downturn. Such a loss could have a material adverse effect on our results of operations and financial position.

MDC's results of operations are subject to currency fluctuation risks.

Although MDC's financial results are reported in U.S. dollars, a portion of its revenues and operating costs are denominated in currencies other than the U.S. dollar. As a result, fluctuations in the exchange rate between the U.S. dollar and other currencies, particularly the Canadian dollar, may affect MDC's financial results and competitive position.

Goodwill and intangible assets may become impaired.

We have recorded a significant amount of goodwill and intangible assets in our consolidated financial statements in accordance with U.S. GAAP resulting from our acquisition activities, which principally represents the specialized know-how of the workforce at the agencies we have acquired. We test, at least annually, the carrying value of goodwill for impairment, as discussed in Note 2 of the Notes to the Consolidated Financial Statements included herein. The estimates and assumptions about future results of operations and cash flows made in connection with the impairment testing could differ from future actual results of operations and cash flows.

The Company recognized an impairment of goodwill and other assets of \$80.1 million for the twelve months ended December 31, 2018. The impairment primarily consists of the write-down of goodwill equal to the excess carrying value above the fair value of a reporting unit one in each of the Global Integrated Agencies reportable segment, the Media Services reportable segment and within the All Other category and the full write-down of a trademark for a reporting unit also within the Global Integrated Agencies reportable segment. The trademark is no longer in active use following the merger of the underlying agency with another reporting unit in the third quarter of 2018. See Note 10 of the Notes to the Consolidated Financial Statements for information related to the merger.

MDC is subject to regulations and litigation risk that could restrict our activities or negatively impact our revenues.

Advertising and marketing communications businesses are subject to government regulation, both domestic and foreign. There has been an increasing tendency in the United States on the part of advertisers to resort to litigation and self-regulatory bodies to challenge comparative advertising on the grounds that the advertising is false and deceptive. Moreover, there has recently been an expansion of specific rules, prohibitions, media restrictions, labeling disclosures, and warning requirements with respect to advertising for certain products and the usage of personally identifiable information. Representatives within government bodies, both domestic and foreign, continue to initiate proposals to ban the advertising of specific products and to impose taxes on or deny deductions for advertising which, if successful, may have an adverse effect on advertising expenditures and consequently MDC's revenues.

Certain of MDC's agencies produce software and e-commerce tools for their clients, and these product offerings have become increasingly subject to litigation based on allegations of patent infringement or other violations of intellectual property rights. As we expand these product offerings, the possibility of an intellectual property claim against us grows. Any such claim, with or without merit, could result in costly litigation and distract management from day-to-day operations and may result in us deciding to enter into license agreements to avoid ongoing patent litigation costs. If we are not successful in defending such claims, we could be required to stop offering these services, pay monetary amounts as damages, enter into royalty or licensing arrangements, or satisfy indemnification obligations that we have with some of our clients. Such arrangements may cause our operating margins to decline.

In addition, laws and regulations related to user privacy, use of personal information and Internet tracking technologies have been proposed or enacted in the United States and certain international markets (including the European Union's recently enacted General Data Protection Regulation, or "GDPR"). These laws and regulations could affect the acceptance of the Internet as an advertising medium. These actions could affect our business and reduce demand for certain of our services, which could have a material adverse effect on our results of operations and financial position.

We rely extensively on information technology systems and cybersecurity incidents could adversely affect us.

We rely on information technologies and infrastructure to manage our business, including digital storage of client marketing and advertising information and developing new business opportunities. Increased cybersecurity threats and attacks, which are becoming more sophisticated, pose a risk to our systems and networks. Security breaches, improper use of our systems and unauthorized access to our data and information by employees and others may pose a risk that sensitive data may be exposed to unauthorized persons or to the public. We also have access to sensitive or personal data or information that is subject to privacy laws and regulations. Our systems and processes to protect against, detect, prevent, respond to and mitigate cybersecurity incidents and our organizational training for employees to develop an understanding of cybersecurity risks and threats may be unable to prevent material security breaches, theft, modification or loss of data, employee malfeasance and additional known and unknown threats. In addition, we use third-party service providers, including cloud providers, to store, transmit and process data. Any breakdown or breach in our systems or data-protection policies, or those of our third-party service providers, could adversely affect our reputation or business.

Future issuances of equity securities, which may include securities that would rank senior to our Class A shares, may cause dilution to our existing shareholders and adversely affect the market price of our Class A shares.

The market price of our Class A shares could decline as a result of sales of a large number of our Class A shares in the market, or the sale of securities convertible into a large number of our Class A shares. The perception that these sales could occur may also depress the market price of our Class A shares. On March 4, 2017, we issued 95,000 Series 4 convertible preference shares (the "Series 4 Preference Shares") with an initial aggregate liquidation preference of \$95.0 million, which will be convertible into Class A shares or our Series 5 convertible preference shares at a current conversion price of \$7.42 per share. On March, 15, 2019, we issued 50,000 Series 6 convertible preference shares (the "Series 6 Preference Shares" and, together with the Series 4 Preference Shares, the "Preference Shares") with an initial aggregate liquidation preference of \$50.0 million, which will be convertible into Class A shares or our Series 7 convertible preference shares at an initial conversion price of \$5.00 per share. The terms of the Preference Shares provide that the conversion price may be reduced, which would result in the Preference Shares being convertible into additional Class A shares, upon certain events including distributions on our Class A shares or issuances of additional Class A shares or equity-linked securities at a price less than the then-applicable conversion price. The issuance of Class A Shares upon conversion of the Preference Shares may result in immediate and substantial dilution to the interests of our Class A Shares holders since the holders of the Preference Shares may ultimately receive and sell all of shares issuable in connection with the conversion of such Preference Shares. The market price of our Class A shares may also be affected by factors, such as whether the market price is near or above the conversion price, that could make conversion of the Preference Shares more likely.

Further, the Preference Shares will rank senior to the Class A shares, which could affect the value of the Class A shares on liquidation or, as a result of contractual provisions, on a change in control transaction. For example, pursuant to the related purchase agreements, the Company has agreed, with certain exceptions, not to become party to certain change in control transactions that are approved by the Board other than a qualifying transaction in which holders of Preference Shares are entitled to receive cash or qualifying listed securities with a value equal to the then-applicable liquidation preference plus accrued and unpaid dividends.

See Note 14 and 23 of the Notes to the Consolidated Financial Statements for more information regarding the Series 4 Preference Shares and the Series 6 Preference Shares, respectively.

Additionally, any convertible or exchangeable securities that we issue may have rights, preferences and privileges more favorable than those of our Class A shares, and may result in dilution to owners of our Class A shares. Because our decision to issue additional debt or equity securities in any future offering will depend on market conditions and other factors beyond our control, we cannot predict or estimate the amount, timing or nature of our future issuances. Also, we cannot predict the effect, if any, of future issuances of our Class A shares on the market price of our Class A shares.

The indenture governing the 6.50% Notes and the Credit Agreement governing our secured line of credit contain various covenants that limit our discretion in the operation of our business.

The indenture governing the 6.50% Notes and the Credit Agreement governing our lines of credit contain various provisions that limit our discretion in the operation of our business by restricting our ability to:

- sell assets;
- pay dividends and make other distributions;
- redeem or repurchase our capital stock;
- incur additional debt and issue capital stock;
- create liens;
- consolidate, merge or sell substantially all of our assets;
- enter into certain transactions with our affiliates;
- make loans, investments or advances;
- repay subordinated indebtedness;
- undergo a change in control;
- enter into certain transactions with our affiliates;
- engage in new lines of business; and
- enter into sale and leaseback transactions.

These restrictions on our ability to operate our business in our discretion could seriously harm our business by, among other things, limiting our ability to take advantage of financing, mergers and acquisitions and other corporate opportunities. The Credit Agreement is subject to various additional covenants, including a senior leverage ratio, a total leverage ratio, a fixed charge coverage ratio, and a minimum EBITDA level (as defined). Events beyond our control could affect our ability to meet these financial tests, and we cannot assure you that they will be met.

Our substantial indebtedness could adversely affect our cash flow and prevent us from fulfilling our obligations, including the 6.50% Notes.

As of December 31, 2018, MDC had \$954.6 million, net of debt issuance costs, of indebtedness. In addition, we expect to make additional drawings under the Credit Agreement from time to time. Our ability to pay principal and interest on our indebtedness is dependent on the generation of cash flow by our subsidiaries. Our subsidiaries' business may not generate sufficient cash flow from operations to meet MDC's debt service and other obligations. If we are unable to meet our expenses and debt service obligations, we may need to

obtain additional debt, refinance all or a portion of our indebtedness on or before maturity, sell assets or raise equity. We may not be able to obtain additional debt, refinance any of our indebtedness, sell assets or raise equity on commercially reasonable terms or at all, which could cause us to default on our obligations and impair our liquidity. Our inability to generate sufficient cash flow to satisfy our debt obligations, to obtain additional debt or to refinance our obligations on commercially reasonable terms would have a material adverse effect on our business, financial condition and results of operations.

Further, we currently receive senior unsecured and long-term debt and corporate quality ratings from Standard & Poor's and Moody's. Our ratings are subject to periodic review, and we cannot assure you that we will be able to retain our current or any future ratings. If our ratings are reduced from their current levels, this could further adversely affect our liquidity and our business, financial condition and results of operation.

If we cannot make scheduled payments on our debt, we will be in default and, as a result, our debt holders could declare all outstanding principal and interest to be due and payable; the lenders under the Credit Agreement could terminate their commitments to loan us money and foreclose against the assets securing our borrowings; and we could be forced into bankruptcy or liquidation. Our level of indebtedness could have important consequences. For example, it could:

- make it more difficult for us to satisfy our obligations with respect to the 6.50% Notes;
- make it difficult for us to meet our obligations with respect to our contingent deferred acquisition payments;
- limit our ability to increase our ownership stake in our Partner Firms;
- increase our vulnerability to general adverse economic and industry conditions;
- require us to dedicate a substantial portion of our cash flow from operations to payments on our indebtedness, thereby reducing the availability of our cash flow to fund working capital and other activities;
- limit our flexibility in planning for, or reacting to, changes in our business and the advertising industry, which may place us at a competitive disadvantage compared to our competitors that have less debt; and
- limit, particularly in concert with the financial and other restrictive covenants in our indebtedness, our ability to borrow additional funds or take other actions.

Despite our current debt levels, we may be able to incur substantially more indebtedness, which could further increase the risks associated with our leverage.

We may incur substantial additional indebtedness in the future. The terms of our Credit Agreement and the indenture governing the 6.50% Notes permit us and our subsidiaries to incur additional indebtedness subject to certain limitations. If we or our subsidiaries incur additional indebtedness, the related risks that we face could increase.

We may be subject to adverse tax consequences such as those related to changes in tax laws or tax rates or their interpretations, and the related application of judgment in determining our global provision for income taxes, deferred tax assets or liabilities or other tax liabilities given the ultimate tax determination is uncertain.

We are a Canada-domiciled multinational company subject to tax in multiple U.S. and foreign tax jurisdictions. Significant judgment is required in determining our global provision for income taxes, deferred tax assets or liabilities and in evaluating our tax positions on a worldwide basis. While we believe our tax positions are consistent with the tax laws in the jurisdictions in which we conduct our business, it is possible that these positions may be overturned by jurisdictional tax authorities, which may have a significant impact on our global provision for income taxes.

Tax laws are dynamic and subject to change as new laws are passed and new interpretations of the law are issued or applied. The U.S. recently enacted significant tax reform, and certain provisions of the new law may adversely affect us. In addition, governmental tax authorities are increasingly scrutinizing the tax

positions of companies. Many countries in the European Union, as well as a number of other countries and organizations such as the Organization for Economic Cooperation and Development, are actively considering changes to existing tax laws that, if enacted, could increase our tax obligations in countries where we do business. If U.S. or other foreign tax authorities change applicable tax laws, our overall taxes could increase, and our business, financial condition or results of operations may be adversely impacted.

We are a holding company dependent on our subsidiaries for our ability to service our debt.

MDC is a holding company with no operations of our own. Consequently, our ability to service our debt is dependent upon the earnings from the businesses conducted by our subsidiaries. Our subsidiaries are separate and distinct legal entities and have no obligation to provide us with funds for our payment obligations, whether by dividends, distributions, loans or other payments. Although our operating subsidiaries have generally agreed to allow us to consolidate and “sweep” cash, subject to the timing of payments due to noncontrolling interest holders, any distribution of earnings to us from our subsidiaries is contingent upon the subsidiaries’ earnings and various other business considerations. Also, our right to receive any assets of any of our subsidiaries upon their liquidation or reorganization, and therefore the right of the holders of common stock to participate in those assets, will be structurally subordinated to the claims of that subsidiary’s creditors. In addition, even if we were a creditor of any of our subsidiaries, our rights as a creditor would be subordinate to any security interest in the assets of our subsidiaries and any indebtedness of our subsidiaries senior to that held by us.

Item 1B. Unresolved Staff Comments

None.

Item 2. Properties

See Note 18 of the Consolidated Financial Statements included in this Annual Report for a discussion of the Company’s lease commitments and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” for the impact of occupancy costs on the Company’s operating expenses.

The Company maintains office space in many cities in the United States, Canada, Europe, Asia and South America. This space is primarily used for office and administrative purposes by the Company’s employees in performing professional services. This office space is in suitable and well-maintained condition for MDC’s current operations. All of the Company’s materially important office space is leased from third parties with varying expiration dates. Certain of these leases are subject to rent reviews or contain various escalation clauses and certain of our leases require our payment of various operating expenses, which may also be subject to escalation. In addition, leases related to the Company’s non-U.S. businesses are denominated in currencies other than U.S. dollars and are therefore subject to changes in foreign exchange rates.

The table below provides a brief description of all locations in which office space is maintained and the related reportable segment.

Reportable Segment	Office Locations
Global Integrated Agencies	Los Angeles, New York, Boulder, Detroit, Cleveland, Canada, Sweden, UK, Netherlands, China, Australia, Singapore, Germany, and Brazil.
Domestic Creative Agencies	New York, Minneapolis, San Francisco, and Canada.
Specialist Communications	San Francisco, Los Angeles, New York, Washington D.C., Canada, UK, China, France, Singapore, Japan, Germany and Thailand.
Media Services	New York, Detroit, Atlanta, Los Angeles, and Austin.
All Other	New York, Portland, San Francisco, Ft. Lauderdale, San Diego, Austin, Redwood City, Canada, India, Singapore, UK.
Corporate	New York

Item 3. Legal Proceedings

Dismissal of Class Action Litigation

On August 7, 2015, Roberto Paniccia issued a Statement of Claim in the Ontario Superior Court of Justice in the City of Brantford, Ontario seeking to certify a class action suit naming the following as defendants: MDC, former CEO Miles S. Nadal, former CAO Michael C. Sabatino, CFO David Doft and BDO U.S.A. LLP. The Plaintiff alleged violations of section 138.1 of the Ontario Securities Act (and equivalent legislation in other Canadian provinces and territories) as well as common law misrepresentation based on allegedly materially false and misleading statements in the Company's public statements, as well as omitting to disclose material facts with respect to the SEC investigation. The Company vigorously defended this suit. On June 1, 2018, the Ontario Superior Court of Justice dismissed the plaintiff's motion to proceed with the class action. Plaintiff agreed not to appeal this dismissal decision, and in July 2018 the Court entered a final order approving the dismissal of this claim.

Closing of Antitrust Investigation

In June 2016, one of the Company's subsidiaries received a subpoena from the U.S. Department of Justice Antitrust Division (the "DOJ") concerning the DOJ's ongoing investigation of production practices in the advertising industry. The Company and its subsidiary fully cooperated with this confidential investigation. By letter dated November 5, 2018 (received by the Company's counsel on November 12, 2018), the DOJ confirmed that the foregoing investigation had been closed. The DOJ did not bring any charges against the Company, its subsidiary or any of their respective employees.

Item 4. Mine Safety Disclosures

Not applicable.

PART II

Item 5. Market for Registrant's Common Equity Related Stockholder Matters and Issuer Purchases of Equity Securities

Market Information and Holders of Class A Subordinate Voting Shares

The principal market on which the Company's Class A subordinate voting shares are traded is the NASDAQ National Market ("NASDAQ") (symbol: "MDCA"). There is no established public trading market for our Class B voting shares. As of February 28, 2019, the approximate number of registered holders of our Class A subordinate voting shares and Class B voting shares, including those whose shares are held in nominee name, was 220 and 87, respectively.

Dividend Practice

On November 3, 2016, the Company announced that it was suspending its quarterly dividend indefinitely.

The payment of any future dividends will be at the discretion of MDC's board of directors and will depend upon limitations contained in our Credit Agreement and the indenture governing the 6.50% Notes, future earnings, capital requirements, our general financial condition and general business conditions.

Securities Authorized for Issuance Under Equity Compensation Plans

As of December 31, 2018, the total number of securities remaining available for future issuance is 2,766,602, including 111,866 securities to be issued upon exercise of outstanding options.

Equity Compensation Plans Not Approved by Security Holders

In connection with an employment agreement with a Senior Vice President, the Company awarded an inducement grant of 25,000 restricted shares of the Company's Class A subordinated voting stock. The restricted stock award will vest on June 11, 2021, subject to continued employment.

See Note 13 of the Notes to the Consolidated Financial Statements included herein for further information on our equity compensation plans.

Purchase of Equity Securities by the Issuer and Affiliated Purchasers

For the twelve months ended December 31, 2018, the Company made no open market purchases of its Class A shares or its Class B shares. Pursuant to its Credit Agreement and the indenture governing the 6.50% Notes, the Company is currently limited from repurchasing its shares in the open market.

During 2018, the Company's employees surrendered Class A shares in connection with the required tax withholding resulting from the vesting of restricted stock. The Company paid these withholding taxes on behalf of the related employees. These Class A shares were subsequently retired and no longer remain outstanding as of December 31, 2018. The following table details those shares withheld during the fourth quarter of 2018:

Period	Total Number of Shares Purchased	Average Price Paid Per Share	Total Number of Shares Purchased as Part of Publicly Announced Program	Maximum Number of Shares That May Yet Be Purchased Under the Program
10/1/2018 – 10/31/2018	116	\$2.47	—	—
11/1/2018 – 11/30/2018	—	—	—	—
12/1/2018 – 12/31/2018	—	—	—	—
Total	<u>116</u>	<u>\$2.47</u>	<u>—</u>	<u>—</u>

Item 6. Selected Financial Data

The following selected financial data should be read in connection with Item 7 — “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and the Consolidated Financial Statements and related Notes that are included in this Form 10-K.

	Years Ended December 31,				
	2018	2017	2016	2015	2014
	(Dollars in Thousands, Except per Share Data)				
Operating Data					
Revenues	\$1,476,203	\$1,513,779	\$1,385,785	\$1,326,256	\$1,223,512
Operating income	\$ 9,696	\$ 131,959	\$ 48,431	\$ 72,110	\$ 87,749
Net income (loss)	\$ (111,948)	\$ 257,223	\$ (40,621)	\$ (20,119)	\$ 6,739
Stock-based compensation included in income (loss)	\$ 18,416	\$ 24,350	\$ 21,003	\$ 17,796	\$ 17,696
Net income (loss) per Share					
Basic					
Net income (loss) attributable to MDC					
Partners Inc. common shareholders	\$ (2.31)	\$ 3.72	\$ (0.89)	\$ (0.58)	\$ (0.06)
Diluted					
Net income (loss) attributable to MDC					
Partners Inc. common shareholders	\$ (2.31)	\$ 3.71	\$ (0.89)	\$ (0.58)	\$ (0.06)
Cash dividends declared per share	\$ —	\$ —	\$ 0.63	\$ 0.84	\$ 0.74
Financial Position Data					
Total assets	\$1,611,573	\$1,698,892	\$1,577,378	\$1,577,625	\$1,633,751
Total debt	\$ 954,585	\$ 883,119	\$ 936,436	\$ 728,883	\$ 727,988
Redeemable noncontrolling interests	\$ 51,546	\$ 62,886	\$ 60,180	\$ 69,471	\$ 194,951
Deferred acquisition consideration	\$ 83,695	\$ 122,426	\$ 229,564	\$ 347,104	\$ 205,368

Effective January 1, 2018, the Company adopted Financial Accounting Standards Board (the “FASB”) ASC Topic 606, Revenue from Contracts with Customers (“ASC 606”). As a result of the adoption of ASC 606, in 2018 revenue declined \$51.6 million and operating income increased \$10.7 million. See Notes 3 and 19 of the Notes to the Consolidated Financial Statements for additional information regarding the adoption of ASC 606.

Item 7. Management’s Discussion and Analysis of Financial Condition and Results of Operations

Unless otherwise indicated, references to a “fiscal year” means the Company’s year commencing on January 1 of that year and ending December 31 of that year (e.g., fiscal year 2018 means the period beginning January 1, 2018, and ending December 31, 2018).

The Company reports its financial results in accordance with generally accepted accounting principles of the United States of America (“U.S. GAAP”). In addition, the Company has included certain non-U.S. GAAP financial measures and ratios, which it believes provide useful supplemental information to both management and readers of this report in measuring the financial performance and financial condition of the Company. These measures do not have a standardized meaning prescribed by U.S. GAAP and should not be construed as an alternative to other titled measures determined in accordance with U.S. GAAP.

Two such non-U.S. GAAP measures are “organic revenue growth” or “organic revenue decline” that refer to the positive or negative results, respectively, of subtracting both the foreign exchange and acquisition (disposition) components from total revenue growth, excluding the impact of adoption of Financial Accounting Standards Board (the “FASB”) Accounting Standards Codification Topic 606 (“ASC 606”). The acquisition (disposition) component is calculated by aggregating the prior period revenue for any acquired businesses, less the prior period revenue of any businesses that were disposed of in the current period. The organic revenue growth (decline) component reflects the constant currency impact (a) of the change in revenue of the Partner

Firms which the Company has held throughout each of the comparable periods presented and (b) “non-GAAP acquisitions (dispositions), net.” Non-GAAP acquisitions (dispositions), net consists of (i) for acquisitions during the current year, the revenue effect from such acquisition as if the acquisition had been owned during the equivalent period in the prior year and (ii) for acquisitions during the previous year, the revenue effect from such acquisitions as if they had been owned during that entire year or same period as the current reportable period, taking into account their respective pre-acquisition revenues for the applicable periods and (iii) for dispositions, the revenue effect from such disposition as if they had been disposed of during the equivalent period in the prior year. The Company believes that isolating the impact of acquisition activity, foreign currency impacts and changes in accounting standards is an important and informative component to understand the overall change in the Company’s consolidated revenue. The change in the consolidated revenue that remains after these adjustments illustrates the underlying financial performance of the Company’s businesses. Specifically, it represents the impact of the Company’s management oversight, investments and resources dedicated to supporting the businesses’ growth strategy and operations. In addition, it reflects the network benefit of inclusion in the broader portfolio of firms that includes, but is not limited to, cross-selling and sharing of best practices. This approach isolates changes in performance of the business that take place under the Company’s stewardship, whether favorable or unfavorable, and thereby reflects the potential benefits and risks associated with owning and managing a talent-driven services business.

Accordingly, during the first twelve months of ownership by the Company, the organic growth measure may credit the Company with growth from an acquired business that is dependent on work performed prior to the acquisition date, and may include the impact of prior work in progress, existing contracts and backlog of the acquired businesses. It is the presumption of the Company that positive developments that may have taken place at an acquired business during the period preceding the acquisition will continue to result in value creation in the post-acquisition period.

While the Company believes that the methodology used in the calculation of organic revenue change is consistent with our closest U.S. competitors, the calculations may not be comparable to similarly titled measures presented by other publicly traded companies in other industries. Additional information regarding the Company’s acquisition activity as it relates to potential revenue growth is provided in Item 7 “Management’s Discussion and Analysis of Financial Condition and Results of Operations” under “Certain Factors Affecting our Business.”

All amounts are in dollars unless otherwise stated. Amounts reported in millions herein are computed based on the amounts in thousands. As a result, the sum of the components, and related calculations, reported in millions may not equal the total amounts due to rounding.

Recent Developments

Strategic Review Process and Successor CEO Search

On September 20, 2018, the Company announced its evaluation of potential strategic alternatives, which included, among other things, the possible sale of the Company. On September 12, 2018, the Company announced that Scott Kauffman’s employment as the Company’s Chief Executive Officer would terminate, which it did effective December 31, 2018. The strategic review process proceeded in parallel with the Company’s search to identify a successor CEO.

During the interim period in which the Company was evaluating strategic alternatives and assessing potential new CEO candidates, the Board of Directors has established an executive committee comprised of David Doft (EVP, Chief Financial Officer), Mitchell Gendel (EVP, General Counsel), Stephanie Nerlich (EVP, Partner Development and Talent), and David Ross (EVP, Strategy & Corporate Development) (collectively, the “Executive Committee”). Effective January 1, 2019, the Executive Committee assumed the role and responsibilities of the Chief Executive Officer until the appointment of a successor. The Board of Directors’ Strategic Alternatives Committee, comprised of three independent directors of the Board (Irwin Simon, Larry Kramer and Anne Marie O’Donovan), have provided oversight for the Executive Committee during the interim period.

The Company has completed the strategic review process and search for a new CEO. On March 14, 2019, the Company entered into a securities purchase agreement with Stagwell Agency Holdings LLC (“Stagwell Holdings”), an affiliate of Stagwell Group LLC (“Stagwell”), pursuant to which Stagwell

Holdings agreed to purchase, (i) 14,285,714 newly authorized Class A shares for \$3.50 per share for an aggregate purchase price of \$50 million and (ii) 50,000 newly authorized Series 6 convertible preference shares for an aggregate purchase price of \$50 million. See Note 23 of the Notes to the Consolidated Financial Statements included herein for additional information.

Effective March 18, 2019, the Company's Board of the Directors appointed Mark Penn as the Chief Executive Officer (succeeding the Executive Committee) and as a director of the Board. Mr. Penn is manager of Stagwell.

Amendment to Credit Agreement

On March 12, 2019 (the "Amendment Effective Date"), the Company, Maxxcom Inc. (a subsidiary of the Company) ("Maxxcom") and each of their subsidiaries party thereto entered into an amendment (the "Amendment") to the existing senior secured revolving credit facility, dated as of May 3, 2016 (as amended, the "Credit Agreement"), among the Company, Maxxcom Inc., a Delaware corporation, each of their subsidiaries party thereto, Wells Fargo Capital Finance, LLC, as agent ("Wells Fargo"), and the lenders from time to time party thereto.

The Amendment provides financial covenant relief by increasing the total leverage ratio applicable on each testing date after the Amendment Effective Date through the period ending December 31, 2020 from 5.5:1.0 to 6.25:1.0. The total leverage ratio applicable on each testing date after December 31, 2020 will revert to 5.5:1.0.

In addition, the Company is permitted to apply a portion of the net cash proceeds of the Kingsdale Sale (as defined below) to the prepayment, redemption, defeasement, purchase or other acquisition of the Company's senior unsecured debt.

In connection with the Amendment, the Company reduced the aggregate maximum amount of revolving commitments provided by the lenders under the Credit Agreement to \$250.0 million from \$325.0 million. The foregoing summary description of the Amendment to the Credit Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the agreement. The Amendment is filed as an exhibit to this Form 10-K.

Sale of Kingsdale

On March 8, 2019, the Company consummated the sale of its Kingsdale business (the "Kingsdale Sale"), including operations in Toronto and New York City, back to the Kingsdale Founder and CEO. As consideration for the sale, the Company was paid cash plus the assumption of certain liabilities totaling approximately \$50 million in the aggregate.

Executive Summary

MDC conducts its business through its network of Partner Firms, the “Advertising and Communications Group,” who provide a comprehensive array of marketing and communications services for clients both domestically and globally. The Company’s objective is to create shareholder value by building, growing and acquiring market-leading Partner Firms that deliver innovative, value-added marketing, activation, communications and strategic consulting to their clients. Management believes that shareholder value is maximized with an operating philosophy of “Perpetual Partnership” with proven committed industry leaders in marketing communications.

MDC manages its business by monitoring several financial and non-financial performance indicators. The key indicators that we focus on are revenues, operating expenses and capital expenditures. Revenue growth is analyzed by reviewing a mix of measurements, including (i) growth by major geographic location, (ii) growth by client industry vertical, (iii) growth from existing clients and the addition of new clients, (iv) growth by primary discipline (v) growth from currency changes, (vi) growth from acquisitions, and (vii) the impact of dispositions. In addition to monitoring the foregoing financial indicators, the Company assesses and monitors several non-financial performance indicators relating to the business performance of our Partner Firms. These indicators may include a Partner Firm’s recent new client win/loss record; the depth and scope of a pipeline of potential new client account activity; the overall quality of the services provided to clients; and the relative strength of the Company’s next generation team that is in place as part of a potential succession plan to succeed the current senior executive team.

The Company aggregates operating segments into one of the four reportable segments and combines and discloses those operating segments that do not meet the aggregation criteria in the All Other category. Due to changes in the Company’s internal management and reporting structure during 2018, reportable segment results for 2017 and prior periods presented have been recast to reflect the reclassification of certain businesses between segments. Prior period segment information included herein has been adjusted to reflect this change. See Note 16 of the Notes to the Consolidated Financial Statements included herein for a description of each of our reportable segments and All Other category and further information regarding the reclassification of certain business between segments.

In addition, MDC reports its corporate office expenses incurred in connection with the strategic resources provided to the Partner Firms, as well as certain other centrally managed expenses that are not fully allocated to the Partner Firms as Corporate. Corporate provides client and business development support to the Partner Firms as well as certain strategic resources, including accounting, administrative, financial, real estate, human resource and legal functions. Additional expenses managed by the corporate office that are directly related to the Partner Firms are allocated to the appropriate reportable segment and the All Other category.

Certain Factors Affecting Our Business

Overall Factors Affecting our Business and Results of Operations. The most significant factors include national, regional and local economic conditions, our clients’ profitability, mergers and acquisitions of our clients, changes in top management of our clients and our ability to retain and attract key employees. New business wins and client losses occur due to a variety of factors. The two most significant factors are (i) our clients’ desire to change marketing communication firms, and (ii) the creative product that our Partner Firms offer. A client may choose to change marketing communication firms for a number of reasons, such as a change in top management and the new management wants to retain an agency that it may have previously worked with. In addition, if the client is merged or acquired by another company, the marketing communication firm is often changed. Further, global clients are trending to consolidate the use of numerous marketing communication firms to just one or two. Another factor in a client changing firms is the agency’s campaign or work product is not providing results and they feel a change is in order to generate additional revenues.

Clients will generally reduce or increase their spending or outsourcing needs based on their current business trends and profitability.

Acquisitions and Dispositions. The Company’s strategy includes acquiring ownership stakes in well-managed businesses with world class expertise and strong reputations in the industry. The Company

provides post-acquisition support to Partner Firms in order to help accelerate growth, including in areas such as business and client development (including cross-selling), corporate communications, corporate development, talent recruitment and training, procurement, legal services, human resources, financial management and reporting, and real estate utilization, among other areas. As most of the Company's acquisitions remain as stand-alone entities post acquisition, integration is typically implemented promptly, and new Partner Firms can begin to tap into the full range of MDC's resources immediately. Often the acquired businesses may begin to tap into certain MDC resources in the pre-acquisition period, such as talent recruitment or real estate. The Company engaged in a number of acquisition and disposition transactions during the 2009 to 2018 period, which affected revenues, expenses, operating income and net income. Additional information regarding acquisitions and dispositions is provided in Note 5 of the Notes to the Consolidated Financial Statements included herein for further information.

Foreign Exchange Fluctuation. Our financial results and competitive position are affected by fluctuations in the exchange rate between the U.S. dollar and non-U.S. dollar, primarily the Canadian dollar. See also "Item 7A — Quantitative and Qualitative Disclosures About Market Risk — Foreign Exchange."

Seasonality. Historically, with some exceptions, we generate the highest quarterly revenues during the fourth quarter in each year. The fourth quarter has historically been the period in the year in which the highest volumes of media placements and retail related consumer marketing occur. See Note 22 of the Notes to the Consolidated Financial Statements for information relating to the Company's quarterly results.

Results of Operations for the Years Ended December 31, 2018, 2017 and 2016:

	Years Ended December 31,		
	2018	2017	2016
	(Dollars in Thousands)		
Revenue:			
Global Integrated Agencies	\$ 698,872	\$ 797,347	\$ 712,793
Domestic Creative Agencies	102,063	104,417	97,199
Specialist Communications	179,065	172,565	170,285
Media Services	140,753	166,216	157,696
All Other	355,450	273,234	247,812
Total	<u>\$1,476,203</u>	<u>\$1,513,779</u>	<u>\$1,385,785</u>
Segment operating income (loss):			
Global Integrated Agencies*	\$ 44,868	\$ 71,857	\$ 59,193
Domestic Creative Agencies	18,552	19,333	18,089
Specialist Communications	18,629	20,728	1,940
Media Services*	(51,196)	13,126	5,554
All Other*	34,000	47,771	7,773
Corporate	(55,157)	(40,856)	(44,118)
Total	<u>\$ 9,696</u>	<u>\$ 131,959</u>	<u>\$ 48,431</u>
Other Income (Expense):			
Interest expense and finance charges, net	\$ (67,075)	\$ (64,364)	\$ (65,050)
Foreign exchange transaction gain (loss)	(23,258)	18,137	(213)
Loss on redemption of Notes	—	—	(33,298)
Other, net	230	1,346	414
Income (loss) before income taxes and equity in earnings			
(losses) of non-consolidated affiliates	(80,407)	87,078	(49,716)
Income tax expense (benefit)	31,603	(168,064)	(9,404)
Income (loss) before equity in earnings (losses) of			
non-consolidated affiliates	(112,010)	255,142	(40,312)
Equity in earnings of non-consolidated affiliates	62	2,081	(309)
Net income (loss)	(111,948)	257,223	(40,621)
Net income attributable to the noncontrolling interest	(11,785)	(15,375)	(5,218)
Net income (loss) attributable to MDC Partners Inc.	<u><u>\$ (123,733)</u></u>	<u><u>\$ 241,848</u></u>	<u><u>\$ (45,839)</u></u>

* An impairment charge primarily for goodwill and other intangible assets was recognized within the Global Integrated Agencies for \$21,008, within Media Services for \$52,041 and within the All Other category for \$4,691 for the twelve months ended December 31, 2018. See Note 10 of the Notes to the Consolidated Financial Statements for information related to the impairment.

	Years Ended December 31,		
	2018	2017	2016
	(Dollars in Thousands)		
Depreciation and amortization:			
Global Integrated Agencies	\$23,571	\$23,831	\$21,555
Domestic Creative Agencies	1,583	1,582	1,811
Specialist Communications	4,252	4,714	6,637
Media Services	3,119	4,052	6,091
All Other	12,909	8,197	8,768
Corporate	762	1,098	1,584
Total	<u>\$46,196</u>	<u>\$43,474</u>	<u>\$46,446</u>
Stock-based compensation:			
Global Integrated Agencies	\$ 8,521	\$15,225	\$12,177
Domestic Creative Agencies	1,100	887	651
Specialist Communications	714	2,954	3,629
Media Services	318	656	318
All Other	3,104	2,494	1,703
Corporate	4,659	2,134	2,525
Total	<u>\$18,416</u>	<u>\$24,350</u>	<u>\$21,003</u>
Capital expenditures:			
Global Integrated Agencies	\$10,088	\$20,760	\$16,486
Domestic Creative Agencies	951	1,168	1,153
Specialist Communications	3,618	1,288	2,741
Media Services	966	3,842	5,266
All Other	4,574	5,877	3,753
Corporate	67	23	33
Total	<u>\$20,264</u>	<u>\$32,958</u>	<u>\$29,432</u>

YEAR ENDED DECEMBER 31, 2018 COMPARED TO YEAR ENDED DECEMBER 31, 2017

Consolidated Results of Operations

Revenues

Revenue was \$1.48 billion for the twelve months ended December 31, 2018, compared to revenue of \$1.51 billion for the twelve months ended December 31, 2017. See the Advertising and Communications Group section below for a discussion regarding consolidated revenues.

Operating Income

Operating income for the twelve months ended December 31, 2018 was \$9.7 million, compared to \$132.0 million for the twelve months ended December 31, 2017, representing a decrease of \$122.3 million, or 92.7%. Operating income decreased by \$108.0 million, or 62.5% in the Advertisement and Communication Group, while Corporate operating expenses increased by \$14.3 million, or 35.0%. The decrease in operating income was largely due to an increase in the goodwill and other assets impairment charge and a decrease in revenue. The impact of adoption of ASC 606 increased operating income by \$10.7 million. Adjusted to exclude the impact of the adoption of ASC 606, operating loss would have been \$1.0 million, representing a decrease of \$133.0 million compared to 2017.

Interest Expense and Finance Charges, Net

Interest expense and finance charges, net, for the twelve months ended December 31, 2018 was \$67.1 million compared to \$64.4 million for the twelve months ended December 31, 2017, representing an increase of \$2.7 million. The increase was primarily due to higher interest rates in the current year as well as increased borrowings under the Company's revolving Credit Agreement in comparison to the prior period. See Note 12 of the Notes to the Consolidated Financial Statements for additional information on the Credit Agreement.

Foreign Exchange Transaction Gain (Loss)

Foreign exchange loss was \$23.3 million for the twelve months ended December 31, 2018 compared to a foreign exchange gain of \$18.1 million for the twelve months ended December 31, 2017. The foreign exchange loss is primarily attributable to the weakening of the Canadian dollar against the U.S. dollar in 2018. In 2017, foreign exchange gain was primarily attributable to the Canadian dollar strengthening against the U.S. dollar. The change primarily related to U.S. dollar denominated indebtedness that is an obligation of our Canadian parent company.

Goodwill and Other Asset Impairment

The Company recognized an impairment of goodwill and other assets of \$80.1 million in the twelve months ended December 31, 2018. The impairment primarily consists of the write-down of goodwill equal to the excess carrying value above the fair value of a reporting unit one in each of the Global Integrated Agencies reportable segment, the Media Services reportable segment and within the All Other category and the full write-down of a trademark for a reporting unit also within the Global Integrated Agencies reportable segment. The trademark is no longer in active use given its merger with another reporting unit in the third quarter of 2018. See Note 10 of the Notes to the Consolidated Financial Statements for information related to the merger.

Other, Net

Other income, net was \$0.2 million for the twelve months ended December 31, 2018 compared to \$1.3 million for the twelve months ended December 31, 2017.

Income Tax Expense (Benefit)

Income tax expense for the twelve months ended December 31, 2018 was \$31.6 million (associated with a pretax loss of \$80.4 million) compared to an income tax benefit of \$168.1 million (associated with pretax income of \$87.1 million) for the twelve months ended December 31, 2017. Income tax expense in 2018 included the impact of establishing a valuation allowance of \$49.4 million primarily associated with Canadian deferred tax assets and the income tax benefit in 2017 included the impact of a release of a valuation allowance of \$232.6 million in certain jurisdictions as well as the incremental tax benefit associated with the Tax Cuts and Jobs Act of 2017.

Equity in Earnings (Losses) of Non-Consolidated Affiliates

Equity in earnings (losses) of non-consolidated affiliates was income of \$0.1 million for the twelve months ended December 31, 2018 compared to \$2.1 million for the twelve months ended December 31, 2017.

Noncontrolling Interests

Net income attributable to noncontrolling interests was \$11.8 million for the twelve months ended December 31, 2018, compared to \$15.4 million for the twelve months ended December 31, 2017, representing a decrease of \$3.6 million. This decrease was attributable to a reduction in operating results at Partner Firms with a noncontrolling interest.

Net Income (Loss) Attributable to MDC Partners Inc. Common Shareholders

As a result of the foregoing, net loss attributable to MDC Partners Inc. common shareholders for the twelve months ended December 31, 2018 was \$132.1 million or \$2.31 per diluted share, compared to a net income of \$205.6 million, or \$3.71 per diluted share reported for the twelve months ended December 31, 2017.

Advertising and Communications Group

The following discussion provides additional detailed disclosure for each of the Company's four reportable segments, plus the "All Other" category, within the Advertising and Communications Group.

Revenue in the Advertising and Communications Group was \$1.48 billion for the twelve months ended December 31, 2018, compared to revenue of \$1.51 billion for the twelve months ended December 31, 2017, representing a decrease of \$37.6 million, or 2.5%. The impact of the adoption of ASC 606 reduced revenue by \$51.6 million, or 3.4%, primarily due to the shift in treatment of third-party costs from principal to agent for various client arrangements of certain Partner Firms and timing of revenue recognition. The other components of the change in revenue included a negative foreign exchange impact of \$0.5 million, and an adverse impact from dispositions of \$14.7 million, or 1.0%, offset by revenue from acquisitions of \$28.3 million, or 1.9%, and an increase in revenue from existing Partner Firms of \$0.9 million. Excluding the impact of the adoption of ASC 606, the change in revenue was attributable to contribution from new client wins that was partially offset by client losses and reduction in spending by some clients. Additionally, the change in revenue was driven by growth in categories including transportation, consumer products, financials and healthcare offset by declines in automotive, and retail.

The components of the change in revenues in the Advertising and Communications Group for the twelve months ended December 31, 2018 were as follows:

	Total		United States		Canada		Other	
	\$	%	\$	%	\$	%	\$	%
(Dollars in Thousands)								
December 31, 2017	\$1,513,779		\$1,172,364		\$123,093		\$218,322	
Components of revenue change:								
Foreign exchange impact	(463)	—%	—	—%	(301)	(0.2)%	(162)	(0.1)%
Non-GAAP acquisitions (dispositions), net	13,644	0.9%	14,466	1.2%	—	—%	(822)	(0.4)%
Impact of adoption of ASC 606	(51,636)	(3.4)%	(20,699)	(1.8)%	1,288	1.0%	(32,225)	(14.8)%
Organic revenue growth (decline)	879	0.1%	(12,940)	(1.1)%	(79)	(0.1)%	13,898	6.4%
Total Change	<u>\$ (37,576)</u>	<u>(2.5)%</u>	<u>\$ (19,173)</u>	<u>(1.6)%</u>	<u>\$ 908</u>	<u>0.7%</u>	<u>\$ (19,311)</u>	<u>(8.8)%</u>
December 31, 2018	<u>\$1,476,203</u>		<u>\$1,153,191</u>		<u>\$124,001</u>		<u>\$199,011</u>	

The Company also utilizes a non-GAAP metric called organic revenue growth (decline), as defined above. For the twelve months ended December 31, 2018, organic revenue growth was \$0.9 million, or 0.1%, of which growth of \$7.6 million, or 0.5% was generated through acquired Partner Firms and decline of \$6.7 million or 0.4% was related to Partner Firms which the Company has held throughout each of the comparable periods presented.

The table below provides a reconciliation between the revenue in the Advertising and Communications Group from acquired businesses in the statement of operations to non-GAAP acquisitions (dispositions), net for the twelve months ended December 31, 2018:

Acquisition Revenue Reconciliation	Global Integrated	Specialist Communications	Media Services	All Other	Total
GAAP revenue from 2018 acquisitions ⁽¹⁾	\$ —	\$1,276	\$ —	\$34,841	\$ 36,117
Impact of adoption of ASC 606 from 2018 acquisition	—	—	—	(168)	(168)
Contribution to non-GAAP organic revenue (growth)	—	—	—	(7,606)	(7,606)
Prior year revenue from dispositions	<u>(1,910)</u>	<u>—</u>	<u>(11,569)</u>	<u>(1,220)</u>	<u>(14,699)</u>
Non-GAAP acquisitions (dispositions), net	<u>\$(1,910)</u>	<u>\$1,276</u>	<u>\$(11,569)</u>	<u>\$25,847</u>	<u>\$ 13,644</u>

- (1) Operating segments not impacted by revenue from acquired Partner Firms in the 2018 and 2017 were excluded. See Note 5 of the Notes to the Consolidated Financial Statements included herein for further information pertaining to the acquisitions and dispositions.
- (2) Contributions to organic revenue growth (decline) represents the change in revenue, measured on a constant currency basis, relative to the comparable pre-acquisition period for acquired businesses that is included in the Company's organic revenue growth (decline) calculation.

The geographic mix in revenues in the Advertising and Communications Group for the years ended December 31, 2018 and 2017 was as follows:

	<u>2018</u>	<u>2017</u>
United States	78.1%	77.5%
Canada	8.4%	8.1%
Other	<u>13.5%</u>	<u>14.4%</u>

The impact of the adoption of ASC 606 decreased revenue in the United States by \$20.7 million or 1.8%, and \$32.2 million or 14.8% in other regions outside of North America with a minimal impact in Canada.

Organic revenue performance was attributable to a contribution from net client wins and additional spending by some clients. The United States had organic revenue decline of \$12.9 million, or 1.1%. In Canada, organic revenue declined \$0.1 million, or 0.1%. Organic revenue growth outside of North America was \$13.9 million, or 6.4%, consisting of contributions from existing Partner Firms due to net new client wins.

The negative foreign exchange impact of \$0.5 million was primarily due to the fluctuation of the U.S. dollar against British Pound, Euro, Canadian dollar and Swedish Króna.

The change in expenses and operating profit as a percentage of revenue in the Advertising and Communications Group for the years ended December 31, 2018 and 2017 was as follows:

<u>Advertising and Communications Group</u>	<u>2018</u>		<u>2017</u>		<u>Change</u>	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Revenue	\$1,476,203		\$1,513,779		\$ (37,576)	(2.5)%
Operating expenses						
Cost of services sold	991,215	67.1%	1,023,476	67.6%	(32,261)	(3.2)%
Office and general expenses	296,961	20.1%	271,874	18.0%	25,087	9.2%
Depreciation and amortization	45,434	3.1%	42,376	2.8%	3,058	7.2%
Goodwill and other asset impairment	77,740	5.3%	3,238	0.2%	74,502	NM
	<u>\$1,411,350</u>	<u>95.6%</u>	<u>\$1,340,964</u>	<u>88.6%</u>	<u>\$ 70,386</u>	<u>5.2%</u>
Operating profit	<u>\$ 64,853</u>	<u>4.4%</u>	<u>\$ 172,815</u>	<u>11.4%</u>	<u>\$(107,962)</u>	<u>(62.5)%</u>

The decrease in operating profit was largely due to an increase in the goodwill and other asset impairment charge, and a decrease in revenue. The impact of the adoption of ASC 606 increased operating profit by \$10.7 million. Excluding the impact of the adoption of ASC 606, operating profit would have been \$54.1 million, representing a decrease of \$118.7 million compared to 2017.

The change in the categories of expenses as a percentage of revenue in the Advertising and Communications Group for the years ended December 31, 2018 and 2017 was as follows:

<u>Advertising and Communications Group</u>	<u>2018</u>		<u>2017</u>		<u>Change</u>	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 213,354	14.5%	\$ 260,776	17.2%	\$(47,422)	(18.2)%
Staff costs ⁽²⁾	872,459	59.1%	829,568	54.8%	42,891	5.2%
Administrative costs	189,063	12.8%	187,687	12.4%	1,376	0.7%
Deferred acquisition consideration	(457)	—%	(4,898)	(0.3)%	4,441	(90.7)%
Stock-based compensation	13,757	0.9%	22,217	1.5%	(8,460)	(38.1)%
Depreciation and amortization	45,434	3.1%	42,376	2.8%	3,058	7.2%
Goodwill and other asset impairment	77,740	5.3%	3,238	0.2%	74,502	NM
Total operating expenses	<u>\$1,411,350</u>	<u>95.6%</u>	<u>\$1,340,964</u>	<u>88.6%</u>	<u>\$ 70,386</u>	<u>5.2%</u>

(1) Excludes staff costs.

- (2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

The decrease in direct costs was primarily attributed to the adoption of ASC 606 in which various client arrangements of certain Partner Firms previously accounted for as principal are now accounted for as agent under ASC 606. The change resulted in a decrease in third-party costs included in revenue of approximately \$62.4 million. This decrease was partially offset by revenue of an acquisition during the year.

The increase in staff costs was primarily attributed to contributions from an acquired Partner Firm, and higher costs to support the growth of certain Partner Firms, partially offset by staffing reductions at other Partner Firms.

Deferred acquisition consideration change for the twelve months ended December 31, 2018 and 2017 was primarily due to the aggregate performance of certain Partner Firms in the respective years relative to the previously projected expectations.

Stock-based compensation change for the twelve months ended December 31, 2018 was primarily due to the aggregate performance of certain Partner Firms in 2018 relative to the previously projected expectations.

The goodwill and other asset impairment in 2018 primarily consists of the write-down of goodwill equal to the excess carrying value above the fair value of a reporting unit one in each of the Global Integrated Agencies reportable segment, the Media Services reportable segment and within the All Other category and the full write-down of a trademark for a reporting unit also within the Global Integrated Agencies reportable segment in comparison to a partial impairment in 2017. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein.

Global Integrated Agencies

The change in revenue and expenses as a percentage of revenue in the Global Integrated Agencies reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
Global Integrated Agencies						
			(Dollars in Thousands)			
Revenue	\$698,872		\$797,347		\$(98,475)	(12.4)%
Operating expenses						
Cost of services sold	464,304	66.4%	549,443	68.9%	(85,139)	(15.5)%
Office and general expenses	145,121	20.8%	149,475	18.7%	(4,354)	(2.9)%
Depreciation and amortization	23,571	3.4%	23,831	3.0%	(260)	(1.1)%
Goodwill and other asset impairment	21,008	0.3%	2,741	0.3%	18,267	NM
	<u>\$654,004</u>	<u>93.6%</u>	<u>\$725,490</u>	<u>91.0%</u>	<u>\$(71,486)</u>	<u>(9.9)%</u>
Operating profit	<u>\$ 44,868</u>	<u>6.4%</u>	<u>\$ 71,857</u>	<u>9.0%</u>	<u>\$(26,989)</u>	<u>(37.6)%</u>

The impact of the adoption of ASC 606 reduced the Global Integrated Agencies reportable segment revenue by \$56.3 million or 7.1%. The other components of the change included a decline in revenue from existing Partner Firms of \$39.5 million, or 5.0%, due to cutbacks and spending delays from several existing clients and a slower pace of conversion of new business, partially offset by client wins, and a negative impact from dispositions of \$1.9 million or 0.2%, as well as a negative foreign exchange impact of \$0.8 million, or 0.1%.

The decrease in operating profit was primarily attributed to the goodwill and other asset impairment recognized in 2018. In addition, lower revenues were mostly offset by a decline in expenses, as outlined below. The impact of the adoption of ASC 606 increased operating profit by \$7.4 million. Excluding the impact of the adoption of ASC 606, operating profit would have been \$37.5 million in 2018, representing a decrease of \$34.4 million compared to 2017.

The change in the categories of expenses as a percentage of revenue in the Global Integrated Agencies reportable segment for the years ended December 31, 2018 and 2017 was as follows:

Global Integrated Agencies	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 44,358	6.3%	\$108,688	13.6%	\$(64,330)	(59.2)%
Staff costs ⁽²⁾	461,286	66.0%	465,522	58.4%	(4,236)	(0.9)%
Administrative	100,604	14.4%	104,879	13.2%	(4,275)	(4.1)%
Deferred acquisition consideration	(5,344)	(0.8)%	4,604	0.6%	(9,948)	(216.1)%
Stock-based compensation	8,521	1.2%	15,225	1.9%	(6,704)	(44.0)%
Depreciation and amortization	23,571	3.4%	23,831	3.0%	(260)	(1.1)%
Goodwill and other asset impairment	21,008	0.3%	2,741	—%	18,267	—%
Total operating expenses	<u>\$654,004</u>	<u>93.6%</u>	<u>\$725,490</u>	<u>91.0%</u>	<u>\$(71,486)</u>	<u>(9.9)%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

The decrease in direct costs was primarily attributed to the adoption of ASC 606 in which various client arrangements of certain Partner Firms previously accounted for as principal are now accounted for as agent under ASC 606. The change resulted in a decrease in third-party costs included in revenue of \$62.4 million.

The decrease in staff costs was attributed to staffing reductions at certain Partner Firms.

Deferred acquisition consideration change for the twelve months ended December 31, 2018 was primarily due to the aggregate performance of certain Partner Firms in 2018 relative to the previously projected expectations.

Stock-based compensation change for the twelve months ended December 31, 2018 was primarily due to the aggregate performance of certain Partner Firms in 2018 relative to the previously projected expectations.

The goodwill and other asset impairment in 2018 primarily consist of the write-down of goodwill equal to the excess carrying value above the fair value of a reporting unit and the full write-down of a trademark for a reporting unit in comparison to a partial impairment in 2017. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein.

Domestic Creative Agencies

The change in revenue and expenses as a percentage of revenue in the Domestic Creative Agencies reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

Domestic Creative Agencies	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Revenue	\$102,063		\$104,417		\$(2,354)	(2.3)%
Operating expenses						
Cost of services sold	59,888	58.7%	61,623	59.0%	(1,735)	(2.8)%
Office and general expenses	22,040	21.6%	21,879	21.0%	161	0.7%
Depreciation and amortization	1,583	1.6%	1,582	1.5%	1	0.1%
	<u>\$ 83,511</u>	<u>81.8%</u>	<u>\$ 85,084</u>	<u>81.5%</u>	<u>\$(1,573)</u>	<u>(1.8)%</u>
Operating profit	<u>\$ 18,552</u>	<u>18.2%</u>	<u>\$ 19,333</u>	<u>18.5%</u>	<u>\$ (781)</u>	<u>(4.0)%</u>

The impact of the adoption of ASC 606 increased revenue in the Domestic Creative Agencies reportable segment by \$1.2 million or 1.2%. In addition, revenue from existing Partner Firms declined \$3.6 million or 3.5%.

The adoption of ASC 606 did not have a significant impact on operating profit.

The change in the categories of expenses as a percentage of revenue in the Domestic Creative Agencies reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

Domestic Creative Agencies	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
(Dollars in Thousands)						
Direct costs ⁽¹⁾	\$ 2,888	2.8%	\$ 4,362	4.2%	\$(1,474)	(33.8)%
Staff costs ⁽²⁾	66,020	64.7%	65,814	63.0%	206	0.3%
Administrative	11,920	11.7%	12,080	11.6%	(160)	(1.3)%
Deferred acquisition consideration	—	—%	359	0.3%	(359)	(100.0)%
Stock-based compensation	1,100	1.1%	887	0.8%	213	24.0%
Depreciation and amortization	1,583	1.6%	1,582	1.5%	1	0.1%
Total operating expenses	<u>\$83,511</u>	<u>81.8%</u>	<u>\$85,084</u>	<u>81.5%</u>	<u>\$(1,573)</u>	<u>(1.8)%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

The decrease in direct costs was primarily attributed to lower costs to support the decline in revenue of certain Partner Firms.

Specialist Communications

The change in revenue and expenses as a percentage of revenue in the Specialist Communications reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

Specialist Communications	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
(Dollars in Thousands)						
Revenue	\$179,065		\$172,565		\$ 6,500	3.8%
Operating expenses						
Cost of services sold	122,710	68.5%	117,195	67.9%	5,515	4.7%
Office and general expenses	33,474	18.7%	29,928	17.3%	3,546	11.8%
Depreciation and amortization	4,252	2.4%	4,714	2.7%	(462)	(9.8)%
	<u>\$160,436</u>	<u>89.6%</u>	<u>\$151,837</u>	<u>88.0%</u>	<u>\$ 8,599</u>	<u>5.7%</u>
Operating profit	<u>\$ 18,629</u>	<u>10.4%</u>	<u>\$ 20,728</u>	<u>12.0%</u>	<u>\$(2,099)</u>	<u>(10.1)%</u>

The impact of the adoption of ASC 606 increased revenue in the Specialist Communications reportable segment by \$1.2 million or 0.7%. The other components of the change included growth in revenue from existing Partner Firms of \$3.8 million or 2.2%, revenue contributions of \$1.3 million or 0.7% from an acquired Partner Firm.

The decrease in operating profit was due to the increase in revenues, offset by higher operating expenses, as outlined below.

The change in the categories of expenses as a percentage of revenue in the Specialist Communications reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

Specialist Communications	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 45,627	25.5%	\$ 42,754	24.8%	\$ 2,873	6.7%
Staff costs ⁽²⁾	85,767	47.9%	79,873	46.3%	5,894	7.4%
Administrative	22,969	12.8%	21,961	12.7%	1,008	4.6%
Deferred acquisition consideration	1,107	0.6%	(419)	(0.2)%	1,526	(364.2)%
Stock-based compensation	714	0.4%	2,954	1.7%	(2,240)	(75.8)%
Depreciation and amortization	4,252	2.4%	4,714	2.7%	(462)	(9.8)%
Total operating expenses	<u>\$160,436</u>	<u>89.6%</u>	<u>\$151,837</u>	<u>88.0%</u>	<u>\$ 8,599</u>	<u>5.7%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

The increase in direct and staff costs were primarily attributed to supporting the growth in revenue of certain Partner Firms, and contributions from an acquired Partner Firm.

The change in the deferred acquisition consideration adjustment was due to the aggregate performance of certain Partner Firms in 2018 as compared to their performance in 2017.

Stock-based compensation declined for the twelve months ended December 31, 2018 primarily due to the aggregate performance of certain Partner Firms in 2018 relative to the previously projected expectations.

Media Services

The change in revenues and expenses as a percentage of revenue in the Media Services reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

Media Services	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Revenue	\$140,753		\$166,216		\$(25,463)	(15.3)%
Operating expenses						
Cost of services sold	102,117	72.6%	111,850	67.3%	(9,733)	(8.7)%
Office and general expenses	34,672	24.6%	36,691	22.1%	(2,019)	(5.5)%
Depreciation and amortization	3,119	2.2%	4,549	2.7%	(1,430)	(31.4)%
Goodwill impairment	52,041	37.0%	—	—%	52,041	100.0%
	<u>\$191,949</u>	<u>136.4%</u>	<u>\$153,090</u>	<u>92.1%</u>	<u>\$ 38,859</u>	<u>25.4%</u>
Operating profit (loss)	<u>\$(51,196)</u>	<u>(36.4)%</u>	<u>\$ 13,126</u>	<u>7.9%</u>	<u>\$(64,322)</u>	<u>(490.0)%</u>

The impact of the adoption of ASC 606 increased revenue in the Media Services reportable segment by \$1.1 million or 0.7%. The other components of the change included a negative impact from the disposition of a Partner Firm in the third quarter of 2017 of \$11.6 million, or 7.0%, and a decline in revenue from existing Partner Firms of \$15.4 million or 9.3%.

The operating loss in 2018 was driven by the goodwill impairment. The change in operating profit was also due to a decline in revenue, partially offset by a decrease in operating expenses, as outlined below.

The adoption of ASC 606 did not have a significant impact on operating profit.

The change in the categories of expenses as a percentage of revenue in the Media Services reportable segment for the twelve months ended December 31, 2018 and 2017 was as follows:

Media Services	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 38,834	27.6%	\$ 46,411	27.9%	\$ (7,577)	(16.3)%
Staff costs ⁽²⁾	76,510	54.4%	80,234	48.3%	(3,724)	(4.6)%
Administrative	20,809	14.8%	22,059	13.3%	(1,250)	(5.7)%
Deferred acquisition consideration	318	0.2%	(819)	(0.5)%	1,137	(138.8)%
Stock-based compensation	318	0.2%	656	0.4%	(338)	(51.5)%
Depreciation and amortization	3,119	2.2%	4,549	2.7%	(1,430)	(31.4)%
Goodwill impairment	52,041	37.0%	—	—%	52,041	100.0%
Total operating expenses	<u>\$191,949</u>	<u>136.4%</u>	<u>\$153,090</u>	<u>92.1%</u>	<u>\$38,859</u>	<u>25.4%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

The decline in direct costs was primarily attributed to costs incurred in the prior year for a disposed Partner Firm.

The decline in staff costs was primarily attributed to staffing reductions at certain Partner Firms due to declines in revenue and costs incurred in the prior year for a disposed Partner Firm.

The goodwill impairment in 2018 primarily consist of the write-down of goodwill equal to the excess carrying value above the fair value of a reporting unit. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein.

All Other

The change in revenue and expenses as a percentage of revenue in the All Other category for the years ended December 31, 2018 and 2017 was as follows:

All Other	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Revenue	\$355,450		\$273,234		\$ 82,216	30.1%
Operating expenses						
Cost of services sold	242,197	68.1%	183,366	67.1%	58,831	32.1%
Office and general expenses	61,653	17.3%	33,901	12.4%	27,752	81.9%
Depreciation and amortization	12,909	3.6%	8,197	3.0%	4,712	57.5%
Goodwill impairment	4,691	1.3%	\$ —	—%	4,691	100.0%
	<u>\$321,450</u>	<u>90.4%</u>	<u>\$225,464</u>	<u>82.5%</u>	<u>\$ 95,986</u>	<u>42.6%</u>
Operating profit	<u>\$ 34,000</u>	<u>9.6%</u>	<u>\$ 47,771</u>	<u>17.5%</u>	<u>\$(13,770)</u>	<u>(28.8)%</u>

The impact of the adoption of ASC 606 increased revenue in the All Other category by \$1.0 million or 0.4%. The other components of the change included revenue growth from existing Partner Firms of \$55.6 million or 20.3%, revenue contributions of \$25.8 million or 9.5% from an acquired Partner Firm net of dispositions, offset by an immaterial negative foreign exchange impact.

These decrease in operating profit was primarily due to higher revenue, being more than offset by an increase in operating expenses, as outlined below. The impact of the adoption of ASC 606 increased operating profit by \$1.0 million or 0.4%.

The change in the categories of expenses as a percentage of revenue in the All Other category for the years ended December 31, 2018 and 2017 was as follows:

All Other	2018		2017		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 81,647	23.0%	\$ 58,561	21.4%	\$23,086	39.4%
Staff costs ⁽²⁾	182,878	51.4%	138,127	50.6%	44,751	32.4%
Administrative	32,758	9.2%	26,707	9.8%	6,051	22.7%
Deferred acquisition consideration	3,463	1.0%	(8,623)	(3.2)%	12,086	(140.2)%
Stock-based compensation	3,104	0.9%	2,495	0.9%	609	24.4%
Depreciation and amortization	12,909	3.6%	8,197	3.0%	4,712	57.5%
Goodwill impairment	4,691	1.3%	\$ —	—%	4,691	100.0%
Total operating expenses	<u>\$321,450</u>	<u>90.4%</u>	<u>\$225,464</u>	<u>82.5%</u>	<u>\$95,986</u>	<u>42.6%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

These increase in direct and staff costs were primarily due to contributions from an acquired Partner Firm and an expansion in workforce in certain Partner Firms to support revenue growth.

The change in deferred acquisition consideration was primarily due to aggregate higher performance of certain Partner Firms as compared to forecasted expectations in the current period.

The goodwill impairment in 2018 was comprised of a partial impairment relating to a Partner Firm that was classified as Held For Sale as of December 31, 2018. For more information see Note 5 and 10 of the Notes to the Consolidated Financial Statements included herein.

Corporate

The change in operating expenses for Corporate for the years ended December 31, 2018 and 2017 was as follows:

Corporate	2018	2017	Change	
	\$	\$	\$	%
	(Dollars in Thousands)			
Staff costs ⁽¹⁾	\$30,179	\$20,926	\$ 9,253	44.2%
Administrative	17,240	15,521	1,719	11.1%
Stock-based compensation	4,659	2,134	2,525	118.3%
Depreciation and amortization	762	1,098	(336)	(30.6)%
Other asset impairment	2,317	1,177	1,140	96.9%
Total operating expenses	<u>\$55,157</u>	<u>\$40,856</u>	<u>\$14,301</u>	<u>35.0%</u>

(1) Excludes stock-based compensation.

The increase in staff costs for Corporate was primarily attributed to severance expense related to certain corporate actions taken in 2018 in comparison to 2017.

The increase in administrative costs was primarily related to an increase in professional fees of \$5.4 million, primarily related to fees for the implementation of ASC 606, which was adopted effective January 1, 2018.

YEAR ENDED DECEMBER 31, 2017 COMPARED TO YEAR ENDED DECEMBER 31, 2016

Consolidated Results of Operations

Revenues

Revenue was \$1.51 billion for the twelve months ended December 31, 2017, compared to revenue of \$1.39 billion the twelve months ended December 31, 2016. See the Advertising and Communications Group section below for a discussion regarding consolidated revenues.

Operating Income

Operating income for twelve months ended December 31, 2017 was \$132.0 million, compared to \$48.4 million for the twelve months ended December 31, 2016, representing an increase of \$83.6 million, or 172.5%. Operating income increased by \$80.3 million, or 86.7% in the Advertisement and Communication Group, while Corporate operating expenses decreased by \$3.3 million, or 7.4%.

Interest Expense and Finance Charges, Net

Interest expense and finance charges, net, for the twelve months ended December 31, 2017 was \$64.4 million compared to \$65.1 million for the twelve months ended December 31, 2016, representing a decrease of \$0.7 million. The decrease was primarily due to lower borrowings under the Company's revolving Credit Agreement in comparison to the prior period. See Note 12 of the Notes to the Consolidated Financial Statements for additional information on the Wells Fargo Credit Agreement.

Foreign Exchange Transaction Gain (Loss)

Foreign exchange gain was \$18.1 million for the twelve months ended December 31, 2017 compared to a foreign exchange loss of \$0.2 million for the twelve months ended December 31, 2016. The foreign exchange gain in 2017 was primarily related to the U.S. dollar denominated indebtedness that was an obligation of the Company's Canadian parent company and was driven by the appreciation of the Canadian dollar against the U.S. dollar in the period.

Goodwill and Other Asset Impairment

The Company recognized an impairment of goodwill and other assets of \$4.4 million from two operating units in the Global Integrated Agencies reportable segment and the Media Services reportable segment and other assets in the Corporate segment for twelve months ended December 31, 2017 as compared to \$48.5 million from partial impairment of goodwill relating to one of the Company's reporting units and for the twelve months ended December 31, 2016. The impairment primarily consists of the write-down of goodwill equal to the excess carrying value above the fair value of a reporting unit.

Other, Net

Other income, net was \$1.3 million for the twelve months ended December 31, 2017 compared to \$0.4 million for the twelve months ended December 31, 2016.

Income Tax Expense (Benefit)

Income tax benefit for the twelve months ended December 31, 2017 was \$168.1 million (associated with pretax income of \$87.1 million) compared to an income tax benefit of \$9.4 million (associated with a pretax loss of \$49.7 million) for the twelve months ended December 31, 2016. The change in tax benefit year over year was primarily driven by the release of a valuation allowance in certain jurisdictions as well as the incremental tax benefit associated with the Tax Cuts and Jobs Act of 2017.

Equity in Earnings (Losses) of Non-Consolidated Affiliates

Equity in earnings (losses) of non-consolidated affiliates was income of \$2.1 million for the twelve months ended December 31, 2017 compared to loss of \$0.3 million for the twelve months ended December 31, 2016.

Noncontrolling Interests

Net income attributable to noncontrolling interests was \$15.4 million for the twelve months ended December 31, 2017, compared to \$5.2 million for the twelve months ended December 31, 2016, representing an increase of \$10.2 million. This increase was attributable to an increase in operating results at Partner Firms with a noncontrolling interest.

Net Income (Loss) Attributable to MDC Partners Inc. Common Shareholders

As a result of the foregoing, net income attributable to MDC Partners Inc. common shareholders for the twelve months ended December 31, 2017 was \$205.6 million, or \$3.71 per diluted share, compared to a net loss of \$45.8 million, or \$0.89 per diluted share reported for the twelve months ended December 31, 2016.

Advertising and Communications Group

The following discussion provides additional detailed disclosure for each of the Company's four reportable segments, plus the "All Other" category, within the Advertising and Communications Group.

Revenue in the Advertising and Communications Group was \$1.51 billion for the twelve months ended December 31, 2017, compared to revenue of \$1.39 billion for the twelve months ended December 31, 2016, representing an increase of \$128.0 million, or 9.2%. The change in revenue was driven by revenue growth from existing Partner Firms of \$91.5 million, or 6.6%, and a positive foreign exchange impact of \$3.6 million, or 0.3%. Revenue from acquired Partner Firms was \$43.5 million, or 3.1%, including growth of \$4.9 million from organic revenue growth, partially offset by a negative impact from dispositions of \$10.6 million. Revenue growth was attributable to net new client wins, increased spending as well as expanded scopes of services by existing clients, and increased pass-through costs. There was broad based growth by client sector, with particular strength in communications, food & beverage, financials, and consumer products, partially offset by declines within technology and retail.

The components of the change in revenues in the Advertising and Communications Group for the twelve months ended December 31, 2017 were as follows:

	Total		United States		Canada		Other	
	\$	%	\$	%	\$	%	\$	%
(Dollars in Thousands)								
December 31, 2016	\$1,385,786		\$1,103,712		\$124,102		\$157,972	
Components of revenue change:								
Foreign exchange impact	1,227	0.1%	—	—%	2,208	1.8%	(981)	(0.6)%
Non-GAAP acquisitions (dispositions), net . .	30,385	2.2%	(5,609)	(0.5)%	(1,499)	(1.2)%	37,493	23.7%
Organic revenue growth (decline) . .	96,381	7.0%	74,261	6.7%	(1,718)	(1.4)%	23,838	15.1%
Total Change	\$ 127,993	9.2%	\$ 68,652	6.2%	\$ (1,009)	(0.8)%	\$ 60,350	38.2%
December 31, 2017	<u>\$1,513,779</u>		<u>\$1,172,364</u>		<u>\$123,093</u>		<u>\$218,322</u>	

The Company also utilizes a non-GAAP metric called organic revenue growth (decline), as defined above. For the twelve months ended December 31, 2017, organic revenue growth was \$96.4 million, or 7.0%, of which \$91.5 million, or 6.6% pertained to Partner Firms which the Company has held throughout each of the comparable periods presented. The remaining \$4.9 million, or 0.4%, was generated through acquired Partner Firms. The other components of non-GAAP activity include non-GAAP acquisitions (dispositions), net adjustments of \$30.4 million, or 2.2%, and a positive foreign exchange impact of \$1.2 million, or 0.1%.

The below is a reconciliation between the revenue in the Advertising and Communications Group from acquired businesses in the statement of operations to non-GAAP acquisitions (dispositions), net for the twelve months ended December 31, 2017:

Acquisition Revenue Reconciliation	Global Integrated Agencies	Media Services	All Other	Total
		(Dollars in Thousands)		
GAAP revenue from prior year acquisitions ⁽¹⁾	\$43,536	\$ —	\$ —	\$ 43,536
Foreign exchange impact	2,387	—	—	2,387
Contribution to non-GAAP organic revenue growth (decline) ⁽²⁾	(4,930)	—	—	(4,930)
Prior year revenue from dispositions	<u>(3,500)</u>	<u>(5,609)</u>	<u>(1,499)</u>	<u>(10,608)</u>
Non-GAAP acquisitions (dispositions), net	<u>\$37,493</u>	<u>\$(5,609)</u>	<u>\$(1,499)</u>	<u>\$ 30,385</u>

- (1) Operating segments not impacted by revenue from acquired Partner Firms in the 2017 and 2016 were excluded. See Note 5 of the Notes to the Consolidated Financial Statements included herein for further information pertaining to the acquisitions and dispositions.
- (2) Contributions to organic revenue growth (decline) represents the change in revenue, measured on a constant currency basis, relative to the comparable pre-acquisition period for acquired businesses that is included in the Company's organic revenue growth (decline) calculation.

The geographic mix in revenues in the Advertising and Communications Group for the twelve months ended December 31, 2017 and 2016 was as follows:

	2017	2016
United States	77.5%	79.6%
Canada	8.1%	9.0%
Other	14.4%	11.4%

Organic revenue growth in the Advertising and Communications Group was driven by the Company's business in the United States with growth of \$74.3 million, or 6.7%, due to net new client wins, increased spending as well as expanded scopes of services by existing clients, and higher pass-through costs. In Canada, organic revenue declined \$1.7 million, or 1.4%, due to a decrease in pass-through costs. Organic revenue growth from outside of North America was \$23.8 million, or 15.1%, consisting of contributions from existing Partner Firms due to net new client wins, partially offset by an organic revenue decline of \$4.9 million from acquired Partner Firms.

The positive foreign exchange impact of \$1.2 million, or 0.1%, was primarily due to the strengthening of the Canadian dollar and the European Euro against the U.S. dollar, partially offset by the weakening of the British Pound against the U.S. dollar.

The change in revenue and expenses as a percentage of revenue in the Advertising and Communications Group for the twelve months ended December 31, 2017 and 2016 was as follows:

Advertising and Communications Group	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
(Dollars in Thousands)						
Revenue	\$1,513,779		\$1,385,785		\$127,994	9.2%
Operating expenses						
Cost of services sold	1,023,476	67.6%	936,133	67.6%	87,343	9.3%
Office and general expenses	271,874	18.0%	263,717	19.0%	8,157	3.1%
Depreciation and amortization	42,376	2.8%	44,861	3.2%	(2,485)	(5.5)%
Goodwill and other asset impairment	3,238	0.2%	48,524	3.5%	(45,286)	(93.3)%
	<u>\$1,340,964</u>	<u>88.6%</u>	<u>\$1,293,235</u>	<u>93.3%</u>	<u>\$ 47,729</u>	<u>3.7%</u>
Operating profit	<u>\$ 172,815</u>	<u>11.4%</u>	<u>\$ 92,550</u>	<u>6.7%</u>	<u>\$ 80,265</u>	<u>86.7%</u>

Operating profit in the Advertising and Communications Group for the twelve months ended December 31, 2017 was \$172.8 million, compared to \$92.6 million for the twelve months ended December 31, 2016, representing an increase of \$80.3 million, or 86.7%. Operating margins improved by 470 basis points from 6.7% in 2016, to 11.4% in 2017. These improvements were largely due to a decline in the goodwill impairment charge, a decrease in staff costs as a percentage of revenue, and a change in the deferred acquisition consideration adjustment, partially offset by an increase in direct costs.

The change in the categories of expenses as a percentage of revenue in the Advertising and Communications Group for the twelve months ended December 31, 2017 and 2016 was as follows:

Advertising and Communications Group	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
(Dollars in Thousands)						
Direct costs ⁽¹⁾	\$ 260,776	17.2%	\$ 212,259	15.3%	\$ 48,517	22.9%
Staff costs ⁽²⁾	829,568	54.8%	781,947	56.4%	47,621	6.1%
Administrative costs	187,687	12.4%	179,199	12.9%	8,488	4.7%
Deferred acquisition consideration	(4,898)	(0.3)%	7,968	0.6%	(12,866)	(161.5)%
Stock-based compensation	22,217	1.5%	18,478	1.3%	3,739	20.2%
Depreciation and amortization	42,376	2.8%	44,861	3.2%	(2,485)	(5.5)%
Goodwill and other asset impairment	3,238	0.2%	48,524	3.5%	(45,286)	(93.3)%
Total operating expenses	<u>\$1,340,964</u>	<u>88.6%</u>	<u>\$1,293,236</u>	<u>93.3%</u>	<u>\$ 47,728</u>	<u>3.7%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

Direct costs in the Advertising and Communications Group for the twelve months ended December 31, 2017 were \$260.8 million, compared to \$212.3 million for the twelve months ended December 31, 2016, representing an increase of \$48.5 million, or 22.9%. As a percentage of revenue, direct costs increased from 15.3% in 2016 to 17.2% in 2017. The increase in direct costs and as a percentage of revenue was primarily due to contributions from an acquired Partner Firm which has a higher direct cost to revenue ratio, in addition to an increase in costs incurred on the client's behalf from some of our existing Partner Firms acting as principal.

Staff costs for the twelve months ended December 31, 2017 were \$829.6 million, compared to \$781.9 million for the twelve months ended December 31, 2016, representing an increase of \$47.6 million, or 6.1%. The increase in staff costs was due to increased headcount driven by certain Partner Firms to support the growth of their businesses as well as additional contributions from acquired Partner Firms. Staff costs as

a percentage of revenue in the Advertising and Communications Group decreased from 56.4% in 2016 to 54.8% in 2017, which was primarily driven by revenue growth as well improvements in staffing relative to the prior period.

Goodwill impairment in the Advertising and Communications Group for the twelve months ended December 31, 2017 was \$3.2 million, compared to \$48.5 million for the twelve months ended December 31, 2016, representing a decrease of \$45.3 million, or 93.3%. The decrease was due to a partial impairment in 2017 of \$3.2 million relating to the Global Integrated Agencies reportable segment and the Media Services reportable segment in comparison to a partial impairment in 2016 of \$48.5 million relating to the All Other, Specialist Communications and Media Services reportable segments. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein.

Deferred acquisition consideration in the Advertising and Communications Group for the twelve months ended December 31, 2017 resulted in income of \$4.9 million compared to an expense of \$8.0 million for the twelve months ended December 31, 2016, representing a change of \$12.9 million, or 161.5%. The change in the deferred acquisition consideration adjustment was primarily due to the higher than estimated liability in the prior period driven by the decrease in the Company's estimated future stock price, pertaining to an equity funded acquisition, increased expenses pertaining to amendments to purchase agreements of previously acquired incremental ownership interest entered into during 2016, and the aggregate under-performance of certain Partner Firms in 2017 relative to the previously forecasted expectations.

Stock-based compensation in the Advertising and Communications Group was \$22.2 million for the twelve months ended December 31, 2017, compared to \$18.5 million for the twelve months ended December 31, 2016, representing an increase of \$3.7 million, or 20.2%. As a percentage of revenue, stock-based compensation increased from 1.3% in 2016 to 1.5% in 2017.

Depreciation and amortization expense in the Advertising and Communications Group for the twelve months ended December 31, 2017 was \$42.4 million compared to \$44.9 million for the twelve months ended December 31, 2016, representing a decrease of \$2.5 million, or 5.5%. The decrease was primarily due to lower amortization from intangibles related to prior period acquisitions.

Global Integrated Agencies

The change in revenue and expenses as a percentage of revenue in the Global Integrated Agencies reportable segment for twelve months ended December 31, 2017 and 2016 was as follows:

	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
Global Integrated Agencies						
			(Dollars in Thousands)			
Revenue	\$797,347		\$712,793		\$84,554	11.9%
Operating expenses						
Cost of services sold	549,443	68.9%	485,081	68.1%	64,362	13.3%
Office and general expenses	149,475	18.7%	146,964	20.6%	2,511	1.7%
Depreciation and amortization	23,831	3.0%	21,555	3.0%	2,276	10.6%
Goodwill and other asset impairment	2,741	0.3%	—	—%	2,741	100.0%
	<u>\$725,490</u>	<u>91.0%</u>	<u>\$653,600</u>	<u>91.7%</u>	<u>\$71,890</u>	<u>11.0%</u>
Operating profit	<u>\$ 71,857</u>	<u>9.0%</u>	<u>\$ 59,193</u>	<u>8.3%</u>	<u>\$12,664</u>	<u>21.4%</u>

Revenue in the Global Integrated Agencies reportable segment for the twelve months ended December 31, 2017 was \$797.3 million, compared to \$712.8 million for the twelve months ended December 31, 2016, representing an increase of \$84.6 million, or 11.9%. The change in revenue included contributions from existing Partner Firms consisting of revenue growth of \$45.9 million, or 6.4%, and a positive foreign exchange impact of \$0.2 million. Revenue growth was primarily driven by net new client wins, increased spending as well as expanded scopes of services by existing clients, and increased pass-through costs. Revenue from acquired Partner Firms was \$42.0 million, or 5.9%, partially offset by a negative impact from dispositions of \$3.5 million, or 0.5%.

Operating profit in the Global Integrated Agencies reportable segment in 2017 was \$71.9 million, compared to \$59.2 million in 2016. Operating margins declined by 70 basis points from 9.0% in 2017 to 8.3% in 2016. The increases in operating profit and margin were largely due to improvements in staff costs as a percentage of revenue and a reduction in the deferred acquisition consideration expense, partially offset by an increase in direct costs.

The change in the categories of expenses as a percentage of revenue in the Global Integrated Agencies reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Global Integrated Agencies	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$108,688	13.6%	\$ 72,995	10.2%	\$35,693	48.9%
Staff costs ⁽²⁾	465,522	58.4%	440,723	61.8%	24,799	5.6%
Administrative costs	104,879	13.2%	94,595	13.3%	10,284	10.9%
Deferred acquisition consideration	4,604	0.6%	11,555	1.6%	(6,951)	(60.2)%
Stock-based compensation	15,225	1.9%	12,177	1.7%	3,048	25.0%
Depreciation and amortization	23,831	3.0%	21,555	3.0%	2,276	10.6%
Goodwill and other asset impairment	2,741	0.3%	—	—%	2,741	100.0%
Total operating expenses	<u>\$725,490</u>	<u>91.0%</u>	<u>\$653,600</u>	<u>91.7%</u>	<u>\$71,890</u>	<u>11.0%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

Direct costs in the Global Integrated Agencies reportable segment for the twelve months ended December 31, 2017 were \$108.7 million compared to \$73.0 million for the twelve months ended December 31, 2016, representing an increase of \$35.7 million, or 48.9%. As a percentage of revenue, direct costs increased from 10.2% in 2016 to 13.6% in 2017. These increases were primarily due to contributions from an acquired Partner Firm which has a higher direct cost to revenue ratio, in addition to an increase in costs incurred on certain clients' behalf from some of our existing Partner Firms acting as principal.

Staff costs in the Global Integrated Agencies reportable segment for the twelve months ended December 31, 2017 were \$465.5 million compared to \$440.7 million for the twelve months ended December 31, 2016, representing an increase of \$24.8 million, or 5.6%. The increase in staff costs was due to increased headcount driven by certain Partner Firms to support the growth of their businesses as well as additional contributions from acquired Partner Firms. As a percentage of revenue, staff costs decreased from 61.8% in 2016 to 58.4% in 2017, primarily driven by revenue growth as well improvements in staffing relative to the prior period.

Deferred acquisition consideration in the Global Integrated Agencies reportable segment resulted in an expense of \$4.6 million in 2017, compared to \$11.6 million in 2016, representing a decrease of \$7.0 million, or 60.2%. The change in the deferred acquisition consideration adjustment was primarily due to the increased estimated liability in the prior period driven by the decrease in the Company's estimated future stock price, pertaining to an equity funded acquisition completed in 2016 as well as increased expenses pertaining to amendments to purchase agreements of previously acquired incremental ownership interest entered into during 2016.

Domestic Creative Agencies

The change in expenses as a percentage of revenue in the Domestic Creative Agencies reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Domestic Creative Agencies	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
(Dollars in Thousands)						
Revenue	\$104,417		\$97,199		\$7,218	7.4%
Operating expenses						
Cost of services sold	61,623	59.0%	56,588	58.2%	5,035	8.9%
Office and general expenses	21,879	21.0%	20,712	21.3%	1,167	5.6%
Depreciation and amortization	1,582	1.5%	1,811	1.9%	(229)	(12.6)%
	<u>\$ 85,084</u>	<u>81.5%</u>	<u>\$79,111</u>	<u>81.4%</u>	<u>\$5,973</u>	<u>7.6%</u>
Operating profit	\$ 19,333	18.5%	\$18,088	18.6%	\$1,245	6.9%

Revenue in the Domestic Creative Agencies reportable segment was \$104.4 million for the twelve months ended December 31, 2017, compared to \$97.2 million for the twelve months ended December 31, 2016, representing an increase of \$7.2 million, or 7.4%. The change in revenue was due to revenue growth from Partner Firms of \$7.0 million, or 7.2%, and a positive foreign exchange impact of \$0.2 million, or 0.2%.

Operating profit in the Domestic Creative Agencies reportable segment for the twelve months ended December 31, 2017 was \$19.3 million compared to \$18.1 million for the twelve months ended December 31, 2016, representing an increase of \$1.2 million, or 6.9%. Operating margins declined by 10 basis points from 18.6% in 2016 to 18.5% in 2017. The increase in operating profit was largely due to revenue growth, partially offset by an increase in staff costs.

The change in the categories of expenses as a percentage of revenue in the Domestic Creative Agencies reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Domestic Creative Agencies	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
(Dollars in Millions)						
Direct costs ⁽¹⁾	\$ 4,362	4.2%	\$ 3,852	4.0%	\$ 510	13.2%
Staff costs ⁽²⁾	65,814	63.0%	60,803	62.6%	5,011	8.2%
Administrative costs	12,080	11.6%	12,275	12.6%	(195)	(1.6)%
Deferred acquisition consideration	359	0.3%	(281)	(0.3)%	640	(227.8)%
Stock-based compensation	887	0.8%	651	0.7%	236	36.3%
Depreciation and amortization	1,582	1.5%	1,811	1.9%	(229)	(12.6)%
Total operating expenses	<u>\$85,084</u>	<u>81.5%</u>	<u>\$79,111</u>	<u>81.4%</u>	<u>\$5,973</u>	<u>7.6%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

Staff costs in the Domestic Creative Agencies reportable segment for the twelve months ended December 31, 2017 were \$65.8 million compared to \$60.8 million for the twelve months ended December 31, 2016, representing an increase of \$5.0 million, or 8.2%. As a percentage of revenue, staff costs increased from 62.6% in 2016 to 63.0% in 2017. These increases were primarily due to increases in workforces at certain Partner Firms to support revenue growth and new business wins.

Specialist Communications

The change in revenue and expenses as a percentage of revenue in the Specialist Communications reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Specialist Communications	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Revenue	\$172,565		\$170,285		\$ 2,280	1.3%
Operating expenses						
Cost of services sold	117,195	67.9%	118,136	69.4%	(941)	(0.8)%
Office and general expenses	29,928	17.3%	24,679	14.5%	5,249	21.3%
Depreciation and amortization	4,714	2.7%	6,637	3.9%	(1,923)	(29.0)%
Goodwill impairment	—	—%	18,893	11.1%	(18,893)	(100.0)%
	<u>\$151,837</u>	<u>88.0%</u>	<u>\$168,345</u>	<u>98.9%</u>	<u>\$(16,508)</u>	<u>(9.8)%</u>
Operating profit	<u>\$ 20,728</u>	<u>12.0%</u>	<u>\$ 1,940</u>	<u>1.1%</u>	<u>\$ 18,788</u>	<u>968.5%</u>

Revenue in the Specialist Communications reportable segment was \$172.6 million for the twelve months ended December 31, 2017, compared to revenue of \$170.3 million for the twelve months ended December 31, 2016, representing an increase of \$2.3 million, or 1.3%. The increase in revenue was attributable to revenue growth of \$2.2 million, or 1.3%, from existing Partner Firms and a positive foreign exchange impact of \$0.1 million.

Operating profit in the Specialist Communications reportable segment for the twelve months ended December 31, 2017 was \$20.7 million compared to \$1.9 million in for the twelve months ended December 31, 2016, representing an increase of \$18.8 million, or 968.5%. Operating margins improved by 1,090 basis points from 1.1% in 2016 to 12.0% in 2017. These increases were largely due to a goodwill impairment recognized in the prior period and lower income from deferred acquisition consideration.

The change in the categories of expenses as a percentage of revenue in the Specialist Communications reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Specialist Communications	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 42,754	24.8%	\$ 41,914	24.6%	\$ 840	2.0%
Staff costs ⁽²⁾	79,873	46.3%	80,818	47.5%	(945)	(1.2)%
Administrative costs	21,961	12.7%	21,670	12.7%	291	1.3%
Deferred acquisition consideration	(419)	(0.2)%	(5,216)	(3.1)%	4,797	(92.0)%
Stock-based compensation	2,954	1.7%	3,629	2.1%	(675)	(18.6)%
Depreciation and amortization	4,714	2.7%	6,637	3.9%	(1,923)	(29.0)%
Goodwill impairment	—	—%	18,893	11.1%	(18,893)	(100.0)%
Total operating expenses	<u>\$151,837</u>	<u>88.0%</u>	<u>\$168,345</u>	<u>98.9%</u>	<u>\$(16,508)</u>	<u>(9.8)%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

Deferred acquisition consideration in the Specialist Communications reportable segment for the year ended twelve months ended December 31, 2017 resulted in income of \$0.4 million compared to income of \$5.2 million in for the twelve months ended December 31, 2016, representing a decrease in income of \$4.8 million, or 92.0%. The change in the deferred acquisition consideration adjustment was due to the aggregate under-performance of certain Partner Firms in 2016 as compared to forecasted expectations.

Goodwill impairment in the Specialist Communications reportable segment was \$18.9 million for the twelve months ended December 31, 2016 pertaining to a partial impairment of goodwill relating to one of the Company's strategic communications reporting units. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein for further information.

Media Services

The change in expenses as a percentage of revenue in the Media Services reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Media Services	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Revenue	\$166,216		\$157,696		\$ 8,520	5.4%
Operating expenses						
Cost of services sold	111,850	67.3%	115,820	73.4%	(3,970)	(3.4)%
Office and general expenses	36,691	22.1%	28,493	18.1%	8,198	28.8%
Depreciation and amortization	4,052	2.4%	7,829	5.0%	(3,777)	(48.2)%
Goodwill and other asset amortization	497	0.3%	—	—%	497	100.0%
	<u>\$153,090</u>	<u>92.1%</u>	<u>\$152,142</u>	<u>96.5%</u>	<u>\$ 948</u>	<u>0.6%</u>
Operating profit	\$ 13,126	7.9%	\$ 5,554	3.5%	\$ 7,572	136.3%

Revenue in the Media Services reportable segment was \$166.2 million for the twelve months ended December 31, 2017, compared to revenue of \$157.7 million for the twelve months ended December 31, 2016, representing an increase of \$8.5 million, or 5.4%. The increase in revenue was driven by revenue growth of \$8.3 million, or 5.3%, primarily due to new business wins and an increase in pass-through costs, and positive foreign exchange impact of \$5.8 million, or 3.7%, partially offset by a negative disposition impact of \$5.6 million, or 3.6%.

Operating profit in the Media Services reportable segment for the twelve months ended December 31, 2017 was \$13.1 million compared to \$5.6 million for the twelve months ended December 31, 2016, representing an increase of \$7.6 million, 136.3%. Operating margins improved by 440 basis points from 3.5% in 2016 to 7.9% in 2017. These increases were largely due to revenue growth and a decrease in office and general expenses as well as depreciation and amortization expense, partially offset by an increase in direct costs.

The change in the categories of expenses as a percentage of revenue in the Media Services reportable segment for the twelve months ended December 31, 2017 and 2016 was as follows:

Media Services	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 46,411	27.9%	\$ 39,791	25.2%	\$ 6,620	16.6%
Staff costs ⁽²⁾	80,234	48.3%	77,677	49.3%	2,557	3.3%
Administrative	22,059	13.3%	25,954	16.5%	(3,895)	(15.0)%
Deferred acquisition consideration	(819)	(0.5)%	573	0.4%	(1,392)	(242.9)%
Stock-based compensation	656	0.4%	318	0.2%	338	106.3%
Depreciation and amortization	4,052	2.4%	7,829	5.0%	(3,777)	(48.2)%
Goodwill and other asset amortization	497	0.3%	—	—%	497	100.0%
Total operating expenses	<u>\$153,090</u>	<u>92.1%</u>	<u>\$152,142</u>	<u>96.5%</u>	<u>\$ 948</u>	<u>0.6%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

Direct costs in the Media Services reportable segment for the twelve months ended December 31, 2017 were \$46.4 million compared to \$39.8 million for the twelve months ended December 31, 2016, representing an increase of \$6.6 million, or 16.6%. As a percentage of revenue, direct costs increased from 25.2% in 2016 to 27.9% in 2017. The increase in direct costs is primarily due to increases in pass-through costs incurred on clients' behalf, from one of the Company's Partner Firms acting as Principal versus Agent.

Administrative costs in the Media Services reportable segment for the twelve months ended December 31, 2017 were \$22.1 million compared to \$26.0 million for the twelve months ended December 31, 2016, representing a decrease of \$3.9 million, or 15.0%. As a percentage of revenue, administrative costs decreased from 16.5% in 2016 to 13.3% in 2017. The decrease in administrative costs was due to a reduction in outside professional services fees as well as occupancy cost savings realized from real estate consolidation initiatives.

Depreciation and amortization expense in the Media Services reportable segment for the twelve months ended December 31, 2017 was \$4.1 million compared to \$7.8 million for the twelve months ended December 31, 2016, representing a decrease of \$3.8 million or 48.2%. The decrease was primarily due to lower amortization from intangibles related to prior period acquisitions.

The goodwill impairment in 2017 was comprised of an impairment on a non-material reporting unit. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein for further information.

All Other

The change in expenses as a percentage of revenue in the All Other category for the twelve months ended December 31, 2017 and 2016 was as follows:

All Other	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
			(Dollars in Thousands)			
Revenue	\$273,234		\$247,812		\$ 25,422	10.3%
Operating expenses						
Cost of services sold	183,366	67.1%	160,508	64.8%	22,858	14.2%
Office and general expenses	33,901	12.4%	42,870	17.3%	(8,969)	(20.9)%
Depreciation and amortization	8,197	3.0%	8,768	3.5%	(571)	(6.5)%
Goodwill impairment	—	—%	27,893	11.3%	(27,893)	(100.0)%
	<u>\$225,464</u>	<u>82.5%</u>	<u>\$240,039</u>	<u>96.9%</u>	<u>\$(14,575)</u>	<u>(6.1)%</u>
Operating profit	<u>\$ 47,771</u>	<u>17.5%</u>	<u>\$ 7,773</u>	<u>3.1%</u>	<u>\$ 39,997</u>	<u>514.6%</u>

Revenue in the All Other category was \$273.2 million for the twelve months ended December 31, 2017 compared to revenue of \$247.8 million for the twelve months ended December 31, 2016, representing an increase of \$25.4 million, or 10.3%. The increase was driven by revenue growth from existing Partner Firm of \$25.9 million, or 10.4%, and a positive foreign exchange impact of \$1.0 million, or 0.4%, partially offset by a negative impact from dispositions of \$1.5 million, or 0.6%.

Operating profit in the All Other category for the twelve months ended December 31, 2017 was \$47.8 million compared to \$7.8 million for the twelve months ended December 31, 2016, representing an increase of \$40.0 million, or 514.6%. These increases were largely due to a decline in the goodwill impairment charge and the change in the deferred acquisition consideration adjustment, partially offset by an increase in staff costs as a percentage of revenue.

The change in the categories of expenses as a percentage of revenue in the All Other category for the twelve months ended December 31, 2017 and 2016 was as follows:

All Other	2017		2016		Change	
	\$	% of Revenue	\$	% of Revenue	\$	%
	(Dollars in Thousands)					
Direct costs ⁽¹⁾	\$ 58,561	21.4%	\$ 53,705	21.7%	\$ 4,856	9.0%
Staff costs ⁽²⁾	138,127	50.6%	121,925	49.2%	16,202	13.3%
Administrative	26,707	9.8%	24,707	10.0%	2,000	8.1%
Deferred acquisition consideration	(8,623)	(3.2)%	1,337	0.5%	(9,960)	NM
Stock-based compensation	2,495	0.9%	1,703	0.7%	792	46.5%
Depreciation and amortization	8,197	3.0%	8,768	3.5%	(571)	(6.5)%
Goodwill impairment	—	—%	27,893	11.3%	(27,893)	(100.0)%
Total operating expenses	<u>\$225,464</u>	<u>82.5%</u>	<u>\$240,038</u>	<u>96.9%</u>	<u>\$(14,574)</u>	<u>(6.1)%</u>

(1) Excludes staff costs.

(2) Excludes stock-based compensation and is comprised of amounts reported in both cost of services sold and office and general expenses.

Staff costs in the All Other category for the twelve months ended December 31, 2017 were \$138.1 million compared to \$121.9 million for the twelve months ended December 31, 2016, representing an increase of \$16.2 million, or 13.3%. As a percentage of revenue, staff costs increased from 49.2% in 2016 to 50.6% in 2017. These increases were primarily due to higher headcount at certain Partner Firms to support growth of the business.

Deferred acquisition consideration in the All Other category resulted in income of \$8.6 million for the twelve months ended December 31, 2017 compared to an expense of \$1.3 million for the twelve months ended December 31, 2016, representing a change of \$10.0 million. The change was primarily due to aggregate under performance of certain Partner Firms as compared to forecasted expectations in the current period.

The goodwill impairment in 2016 was comprised of a partial impairment of goodwill relating to an All Other reporting unit. For more information see Note 10 of the Notes to the Consolidated Financial Statements included herein for further information.

Corporate

The change in operating expenses for Corporate for the twelve months ended December 31, 2017 and 2016 was as follows:

Corporate	2017	2016	Change	
			\$	%
	(Dollars in Thousands)			
Staff costs ⁽¹⁾	\$20,926	\$26,048	\$(5,122)	(19.7)%
Administrative costs	15,521	13,960	1,561	11.2%
Stock-based compensation	2,134	2,525	(391)	(15.5)%
Depreciation and amortization	1,098	1,585	(487)	(30.7)%
Stock-based compensation	1,177	—	1,177	100.0%
Total operating expenses	<u>\$40,856</u>	<u>\$44,118</u>	<u>\$(3,262)</u>	<u>(7.4)%</u>

(1) Excludes stock-based compensation.

Total operating expenses for Corporate decreased by \$3.3 million to \$40.9 million in 2017, compared to \$44.1 million in 2016.

Staff costs for Corporate decreased by \$5.1 million, or 19.7%. The decrease was primarily due to reductions in executive compensation expense and severance expense.

Administrative costs for Corporate increased by \$1.6 million, or 11.2%. This increase was primarily due to an increase in professional fees of \$2.4 million relating to the implementation of ASC 606, Revenue from Contracts with Customers, which is effective January 1, 2018. Additionally, there was a reduction in insurance proceeds of \$4.8 million received by the Company in 2016 compared to 2017, relating to the class action litigation and the completed SEC investigation, offset by reductions in legal fees in 2017 relating to the class action litigation and the completed SEC investigation. In addition, for the year ended December 31, 2016, the Company paid a one-time SEC civil penalty payment of \$1.5 million.

Liquidity and Capital Resources

The following table provides information about the Company's liquidity position:

Liquidity	2018	2017	2016
	(In Thousands, Except for Long-Term Debt to Shareholders' Equity Ratio)		
Cash and cash equivalents	\$ 30,873	\$ 46,179	\$ 27,921
Working capital (deficit)	\$(152,682)	\$(232,859)	\$(313,239)
Cash provided by (used in) operating activities	\$ 17,280	\$ 71,786	\$ (45,907)
Cash used in investing activities	\$ (50,431)	\$ (20,884)	\$ (25,196)
Cash provided by (used in) financing activities	\$ 21,434	\$ (32,599)	\$ 35,657
Ratio of long-term debt to shareholders' deficit	(3.87)	(5.68)	(1.84)

As of December 31, 2018, 2017 and 2016, \$3.9 million (classified within Assets held for sale in the Consolidated Balance Sheet), \$4.6 million, and \$5.3 million, respectively, of the Company's consolidated cash position was held by subsidiaries in trust, and was available for use against the trust liability. This amount does not represent cash that is distributable as earnings to MDC for use to reduce its indebtedness.

The Company intends to maintain sufficient cash and/or available borrowings to fund operations for the next twelve months. The Company has historically been able to maintain and expand its business using cash generated from operating activities, funds available under its Credit Agreement, and other initiatives, such as obtaining additional debt and equity financing. At December 31, 2018, there were \$68.1 million borrowings under the Credit Agreement and \$4.7 million of undrawn outstanding letters of credit resulting in \$152.3 million available borrowings under the Credit Agreement. Advances under the Credit Agreement will be used for working capital and general corporate purposes, in each case pursuant to the terms of the Credit Agreement. See the Recent Developments section above for information regarding the Company's amendment to the Credit Agreement, including the reduction of the maximum revolving commitment amount under the Credit Agreement to \$250 million from \$325 million.

The Company's obligations extending beyond twelve months primarily consist of deferred acquisition payments, capital expenditures, scheduled lease obligation payments, and the principal and interest payments on borrowings under the Company's 6.50% Senior Notes due 2024 (the "Senior Notes"). Based on the current outlook, the Company believes future cash flows from operations, together with the Company's existing cash balance and availability of funds under the Company's Credit Agreement, will be sufficient to meet the Company's anticipated cash needs for the next twelve months. The Company's ability to make scheduled deferred acquisition payments, principal and interest payments, to refinance indebtedness or to fund planned capital expenditures will depend on future performance, which is subject to general economic conditions, the competitive environment and other factors, including those described in Item 1A of Part I of this Annual Report on Form 10-K and in the Company's other SEC filings.

As market conditions warrant, the Company may from time to time seek to purchase its notes, in privately negotiated or open market transactions, by tender offer or otherwise. Subject to any applicable limitations contained in the agreements governing its indebtedness, any purchase made by the Company may be funded by the net proceeds from any asset dispositions or the use of cash on its balance sheet. The amounts involved in any such purchase transactions, individually or in the aggregate, may be material.

Working Capital

At December 31, 2018, the Company had a working capital deficit of \$152.7 million compared to a deficit of \$232.9 million at December 31, 2017. The working capital deficit decreased by \$80.2 million primarily due to the timing of media payments, partially offset by net borrowings on the Company's credit agreement. The Company's working capital is impacted by seasonality in media buying, amounts spent by clients, and timing of amounts received from clients and subsequently paid to suppliers. Media buying is impacted by the timing of certain events, such as major sporting competitions and national holidays, and there can be a quarter to quarter lag between the time amounts received from clients for the media buying are subsequently paid to suppliers. The Company intends to maintain sufficient cash or availability of funds under the Credit Agreement at any particular time to adequately fund working capital should there be a need to do so from time to time.

Operating Activities

Cash flows provided by operating activities for the twelve months ended December 31, 2018 was \$17.3 million, primarily reflecting unfavorable working capital requirements, driven by media and other supplier payments, as well as acquisition related contingent consideration payments, being more than offset by the net loss adjusted to reconcile to net cash provided by operating activities.

Cash flows provided by operating activities for the twelve months ended December 31, 2017 was \$71.8 million, primarily reflecting unfavorable working capital requirements, driven by timing of accounts receivable, as well as acquisition related contingent consideration payments, being more than offset by the net income adjusted to reconcile to net cash provided by operating activities.

Cash flows used in operating activities for the twelve months ended December 31, 2016 was \$45.9 million, primarily reflecting unfavorable working capital requirements, driven by timing of accounts receivable, and media and other supplier payments, as well as acquisition related contingent consideration payments, partially offset by the net loss adjusted to reconcile to net cash used in operating activities.

Investing Activities

During the twelve months ended December 31, 2018, cash flows used in investing activities was \$50.4 million, primarily consisting of cash paid of \$32.7 million for acquisitions (see Note 5 of the Notes to the Consolidated Financial Statements for additional information) and capital expenditures related primarily to computer equipment, furniture and fixtures, and leasehold improvements of \$20.3 million.

During the twelve months ended December 31, 2017, cash flows used in investing activities was \$20.9 million, primarily consisting of capital expenditures related primarily to computer equipment, furniture and fixtures, and leasehold improvements of \$33.0 million, partially offset by net proceeds from sale of three subsidiaries of \$10.6 million.

During the twelve months ended December 31, 2016, cash flows used in investing activities was \$25.2 million, primarily consisting of capital expenditures related primarily to computer equipment, furniture and fixtures, and leasehold improvements of \$29.4 million, partially offset by \$7.4 million of distributions from non-consolidated affiliates.

Financing Activities

During the twelve months ended December 31, 2018, cash flows provided by financing activities was \$21.4 million, primarily driven by \$68.1 million in net borrowings under the Credit Agreement, partially offset by \$32.2 million of acquisition related payments and distributions to noncontrolling partners of \$13.4 million.

During the twelve months ended December 31, 2017, cash flows used in financing activities was \$32.6 million, primarily driven by \$54.4 million in net repayments under the Credit Agreement, \$57.1 million of acquisition related payments and distributions to noncontrolling partners of \$8.9 million. These amounts were partially offset by \$95.0 million of gross proceeds from the issuance of convertible preference shares.

During the twelve months ended December 31, 2016, cash flows provided by financing activities was \$35.7 million, primarily driven by redemption of the 6.75% Notes of \$735.0 million, a premium paid in connection with such redemption of \$26.9 million including accrued interest through the settlement date,

\$90.8 million of acquisition related payments, payment of dividends of \$32.9 million, \$21.6 million of debt issuance costs paid in connection with the issuance of the 6.50% Notes, and distributions to noncontrolling partners of \$7.8 million. These amounts were partially offset by \$900.0 million in proceeds from the issuance of the 6.50% Notes and \$54.4 million in net borrowings under the Credit Agreement.

Total Debt

Debt, net of debt issuance costs, as of December 31, 2018 was \$954.6 million, an increase of \$71.5 million, compared with \$883.1 million outstanding at December 31, 2017. This increase in debt was primarily a result of the Company’s net borrowings under the Credit Agreement. See Note 12 of the Notes to the Consolidated Financial Statements for information regarding the Company’s \$900 million Senior Notes.

The Credit Agreement is guaranteed by substantially all of MDC’s present and future subsidiaries, other than immaterial subsidiaries and subject to customary exceptions. The Credit Agreement includes covenants that, among other things, restrict MDC’s ability and the ability of its subsidiaries to incur or guarantee additional indebtedness; pay dividends on or redeem or repurchase the capital stock of MDC; make certain types of investments; impose limitations on dividends or other amounts from MDC’s subsidiaries; incur certain liens, sell or otherwise dispose of certain assets; enter into transactions with affiliates; enter into sale and leaseback transactions; and consolidate or merge with or into, or sell substantially all of MDC’s assets to, another person. These covenants are subject to a number of important limitations and exceptions. The Credit Agreement also contains financial covenants (see below and each as more fully described in the Credit Agreement). The Credit Agreement is also subject to customary events of default.

The Company is currently in compliance with all of the terms and conditions of the Credit Agreement, and management believes, based on its current financial projections, that the Company will be in compliance with its covenants over the next twelve months.

If the Company loses all or a substantial portion of its lines of credit under the Credit Agreement, or if the Company uses the maximum available amount under the Credit Agreement, it will be required to seek other sources of liquidity. If the Company were unable to find these sources of liquidity, for example through an equity offering, access to the capital markets or asset sales, the Company’s ability to fund its working capital needs and any contingent obligations with respect to acquisitions and redeemable noncontrolling interests would be adversely affected.

Pursuant to the Credit Agreement, the Company must comply with certain financial covenants including, among other things, covenants for (i) senior leverage ratio, (ii) total leverage ratio, (iii) fixed charges ratio, and (iv) minimum earnings before interest, taxes and depreciation and amortization, in each case as such term is specifically defined in the Credit Agreement. For the period ended December 31, 2018, the Company’s calculation of each of these covenants, and the specific requirements under the Credit Agreement, respectively, were calculated based on the trailing twelve months as follows:

	<u>December 31, 2018</u>
Senior Leverage Ratio	0.3
Maximum per covenant	2.0
Total Leverage Ratio	5.2
Maximum per covenant	5.5
Fixed Charges Ratio	2.4
Minimum per covenant	1.1
Earnings before interest, taxes, depreciation and amortization	\$183.1 million
Minimum per covenant	\$105.0 million

These ratios and measures are not based on generally accepted accounting principles and are not presented as alternative measures of operating performance or liquidity. Some of these ratios and measures include, among other things, pro forma adjustments for acquisitions, one-time charges, and other items, as defined in the Credit Agreement. They are presented here to demonstrate compliance with the covenants in the Credit Agreement, as non-compliance with such covenants could have a material adverse effect on the Company.

Contractual Obligations and Other Commercial Commitments

The following table provides a payment schedule of present and future obligations. Management anticipates that the obligations outstanding at December 31, 2018 will be repaid with new financing, equity offerings, asset sales and/or cash flow from operations:

Contractual Obligations	Payments Due by Period				
	Total	Less than 1 Year	1 – 3 Years	3 – 5 Years	After 5 Years
	(Dollars in Thousands)				
Indebtedness ⁽¹⁾	\$ 968,143	\$ —	\$ 68,143	\$ —	\$ 900,000
Capital lease obligations	478	356	122	—	—
Operating leases	345,910	58,015	101,185	78,735	107,975
Interest on debt	312,000	58,500	117,000	117,000	19,500
Deferred acquisition consideration ⁽²⁾	83,695	32,928	29,517	21,250	—
Other long-term liabilities	5,133	2,788	2,345	—	—
Total contractual obligations⁽³⁾	\$1,715,359	\$152,587	\$318,312	\$216,985	\$1,027,475

- (1) Indebtedness includes \$68.1 million borrowings under the Credit Agreement due in 2021.
- (2) Deferred acquisition consideration excludes future payments with an estimated fair value of \$17.5 million that are contingent upon employment terms as well as financial performance and will be expensed as stock-based compensation over the required retention period. Of this amount, the Company estimates \$1.8 million will be paid in less than one year and \$15.7 million will be paid in one to three years.
- (3) Pension obligations of \$14.8 million are not included since the timing of payments are not known.

Other-Balance Sheet Commitments

Media and Production

The Company's agencies enter into contractual commitments with media providers and agreements with production companies on behalf of our clients at levels that exceed the revenue from services. Some of our agencies purchase media for clients and act as an agent for a disclosed principal. These commitments are included in accounts payable when the media services are delivered by the media providers. MDC takes precautions against default on payment for these services and has historically had a very low incidence of default. MDC is still exposed to the risk of significant uncollectible receivables from our clients. The risk of a material loss could significantly increase in periods of severe economic downturn.

Deferred Acquisition Consideration

Deferred acquisition consideration on the balance sheet consists of deferred obligations related to contingent and fixed purchase price payments, and to a lesser extent, contingent and fixed retention payments tied to continued employment of specific personnel. See Notes 2 and 6 of the Notes to the Consolidated Financial Statements included herein for further information.

The following table presents the Company's obligation by segment for deferred acquisition consideration and the changes for the year ended December 31, 2018:

December 31, 2018						
	Global Integrated Agencies	Domestic Creative Agencies	Specialist Communications	Media Services	All Other	Total
(Dollars in Thousands)						
Beginning Balance of						
contingent payments . . .	\$ 81,411	\$—	\$ 5,467	\$ 3,735	\$ 28,473	\$119,086
Payments	(32,792)	—	(5,355)	(1,325)	(15,475)	(54,947)
Additions – acquisition and step-up transactions	3,092	—	11,851	—	—	14,943
Redemption value adjustments	(84)	—	1,226	279	2,091	3,512
Foreign translation adjustment	—	—	4	—	—	4
Ending Balance of						
contingent payments . . .	51,627	—	13,193	2,689	15,089	82,598
Fixed payments	1,096	—	—	—	1	1,097
	<u>\$ 52,723</u>	<u>\$—</u>	<u>\$13,193</u>	<u>\$ 2,689</u>	<u>\$ 15,090</u>	<u>\$ 83,695</u>

Redemption value adjustments are fair value changes from the Company's initial estimates of deferred acquisition payments, including the accretion of present value and stock-based compensation charges relating to acquisition payments that are tied to continued employment.

Redeemable Noncontrolling Interest

When acquiring less than 100% ownership of an entity, the Company may enter into agreements that give the Company an option to purchase, or require the Company to purchase, the incremental ownership interests under certain circumstances. Where the option to purchase the incremental ownership is within the Company's control, the amounts are recorded as noncontrolling interests in the equity section of the Company's balance sheet. Where the incremental purchase may be required of the Company, the amounts are recorded as redeemable noncontrolling interests in mezzanine equity. See Notes 2 and 8 of the Notes to the Consolidated Financial Statements included herein for further information.

Upon the settlement of the total amount of such options to purchase, the Company estimates that it would receive incremental annual operating income before depreciation and amortization of \$4.4 million. The following table summarizes the potential timing of the consideration and incremental operating income before depreciation and amortization.

Consideration ⁽⁴⁾	2019	2020	2021	2022	2023 & Thereafter	Total
(Dollars in Thousands)						
Cash	\$4,696	\$2,320	\$4,053	\$2,881	\$3,264	\$17,214
Shares	19	35	53	34	18	159
	<u>\$4,715</u>	<u>\$2,355</u>	<u>\$4,106</u>	<u>\$2,915</u>	<u>\$3,282</u>	<u>\$17,373⁽¹⁾</u>
Operating income before depreciation and amortization to be received ⁽²⁾ . . .	<u>\$2,378</u>	<u>\$ —</u>	<u>\$1,778</u>	<u>\$ —</u>	<u>\$ 237</u>	<u>\$ 4,393</u>
Cumulative operating income before depreciation and amortization ⁽³⁾	<u>\$2,378</u>	<u>\$2,378</u>	<u>\$4,156</u>	<u>\$4,156</u>	<u>\$4,393</u>	⁽⁵⁾

(1) This amount is in addition to (i) \$31.5 million of options to purchase only exercisable upon termination not within the control of the Company, or death, and (ii) \$2.6 million excess of the initial redemption value recorded in redeemable noncontrolling interests over the amount the Company would be required to pay to the holders should the Company acquire the remaining ownership interests.

- (2) This financial measure is presented because it is the basis of the calculation used in the underlying agreements relating to the put rights and is based on actual operating results. This amount represents additional amounts to be attributable to MDC Partners Inc., commencing in the year the put is exercised.
- (3) Cumulative operating income before depreciation and amortization represents the cumulative amounts to be received by the Company.
- (4) The timing of consideration to be paid varies by contract and does not necessarily correspond to the date of the exercise of the put.
- (5) Amounts are not presented as they would not be meaningful due to multiple periods included.

Guarantees

Generally, the Company has indemnified the purchasers of certain of its assets in the event that a third party asserts a claim against the purchaser that relates to a liability retained by the Company. These types of indemnification guarantees typically extend for several years. Historically, the Company has not made any significant indemnification payments under such agreements and no provision has been accrued in the accompanying consolidated financial statements with respect to these indemnification guarantees. The Company continues to monitor the conditions that are subject to guarantees and indemnifications to identify whether it is probable that a loss has occurred, and would recognize any such losses under any guarantees or indemnifications in the period when those losses are probable and estimable.

Critical Accounting Policies and Estimates

Our Consolidated Financial Statements have been prepared in accordance with U.S. GAAP. Preparation of the Consolidated Financial Statements and related disclosures requires us to make judgments, assumptions and estimates that affect the amounts reported and disclosed in the accompanying financial statements and footnotes. Our significant accounting policies are discussed in Note 2 of the Consolidated Financial Statements. Our critical accounting policies are those that are considered by management to require significant judgment and use of estimates and that could have a significant impact on our financial statements. An understanding of our critical accounting policies is necessary to analyze our financial results.

Our critical accounting policies include our accounting for revenue recognition, business combinations, deferred acquisition consideration, redeemable noncontrolling interests, goodwill and intangible assets, income taxes and stock-based compensation. The financial statements are evaluated on an ongoing basis and estimates are based on historical experience, current conditions and various other assumptions believed to be reasonable under the circumstances. Actual results can differ from those estimates, and it is possible that the differences could be material.

Revenue Recognition. Effective January 1, 2018, the Company adopted ASC 606. The Company's revenue is recognized when control of the promised goods or services is transferred to our clients, in an amount that reflects the consideration we expect to be entitled to in exchange for those goods or services. See Note 3 of the Notes to the Consolidated Financial Statements included herein for further information.

Business Combinations. The Company has historically made, and expects to continue to make, selective acquisitions of marketing communications businesses. In making acquisitions, the price paid is determined by various factors, including service offerings, competitive position, reputation and geographic coverage, as well as prior experience and judgment. Due to the nature of advertising, marketing and corporate communications services companies, the companies acquired frequently have significant identifiable intangible assets, which primarily consist of customer relationships.

For each of the Company's acquisitions, a detailed review is undertaken to identify other intangible assets and a valuation is performed for all such identified assets. The Company uses several market participant measurements to determine estimated value. This approach includes consideration of similar and recent transactions, as well as utilizing discounted expected cash flow methodologies. Like most service businesses, a substantial portion of the intangible asset value that the Company acquires is the specialized know-how of the workforce, which is treated as part of goodwill and is not required to be valued separately. The majority of the value of the identifiable intangible assets that the Company acquires is derived from customer relationships, including the related customer contracts, as well as trade names. In executing our acquisition strategy, one of the primary drivers in identifying and executing a specific transaction is the existence of, or

the ability to, expand our existing client relationships. The expected benefits of our acquisitions are typically shared across multiple agencies and regions.

Deferred Acquisition Consideration. Consistent with our acquisition strategy and past practice of acquiring a majority ownership position, most acquisitions include an initial payment at the time of closing and provide for future additional contingent purchase price payments. Contingent purchase price obligations for these transactions is recorded as a deferred acquisition consideration liability and are derived from the performance of the acquired entity and are based on predetermined formulas. These various contractual valuation formulas may be dependent on future events, such as the growth rate of the earnings of the relevant subsidiary during the contractual period, and, in some cases, the currency exchange rate on the date of payment. The liability is adjusted quarterly based on changes in current information affecting each subsidiary's current operating results and the impact this information will have on future results included in the calculation of the estimated liability. In addition, changes in various contractual valuation formulas as well as adjustments to present value impact quarterly adjustments. These adjustments are recorded in results of operations.

Redeemable Noncontrolling Interests. Many of the Company's acquisitions include contractual arrangements where the noncontrolling shareholders have an option to purchase, or may require the Company to purchase, such noncontrolling shareholders' incremental ownership interests under certain circumstances and the Company has similar call options under the same contractual terms. The amount of consideration under these contractual arrangements is not a fixed amount, but rather is dependent upon various valuation formulas, such as the average earnings of the relevant subsidiary through the date of exercise or the growth rate of the earnings of the relevant subsidiary during that period. In the event that an incremental purchase may be required of the Company, the amounts are recorded as redeemable noncontrolling interests in mezzanine equity on the balance sheet at their acquisition date fair value and adjusted for changes to their estimated redemption value through additional paid-in capital (but not less than their initial redemption value), except for foreign currency translation adjustments. These adjustments will not impact the calculation of earnings (loss) per share if the redemption values are less than the estimated fair values. There was no impact on the Company's earnings (loss) per share calculation in any period.

Goodwill and Other Intangibles. The Company reviews goodwill and other intangible assets with indefinite lives not subject to amortization for impairment annually as of October 1st of each year or more frequently if indicators of potential impairment exist. The Company performs its goodwill impairment test by comparing the fair value of a reporting unit with its carrying amount and recognize an impairment charge for the amount by which the carrying amount exceeds the reporting unit's fair value provided the loss recognized does not exceed the total amount of goodwill allocated to that reporting unit.

For the annual impairment testing the Company has the option of assessing qualitative factors to determine whether it is more likely than not that the carrying amount of a reporting unit exceeds its fair value or performing a quantitative goodwill impairment test. Qualitative factors considered in the assessment include industry and market considerations, the competitive environment, overall financial performance, changing cost factors such as labor costs, and other factors specific to each reporting unit such as change in management or key personnel.

If the Company elects to perform the qualitative assessment and concludes that it is more likely than not that the fair value of the reporting unit is more than its carrying amount, then goodwill is not considered impaired and the quantitative impairment test is not necessary. For reporting units for which the qualitative assessment concludes that it is more likely than not that the fair value of the reporting unit is less than its carrying amount and for reporting units for which the qualitative assessment is not performed, the Company will perform the quantitative impairment test, which compares the fair value of the reporting unit to its carrying amount. If the fair value of the reporting unit exceeds the carrying amount of the net assets assigned to that reporting unit, goodwill is not considered impaired and additional analysis is not required. However, if the carrying amount of the net assets assigned to the reporting unit exceeds the fair value of the reporting unit, then the recognition of an impairment charge is required.

Determining the fair value of a reporting unit involves the use of significant estimates and assumptions. For the 2018 annual impairment test, the Company used an income approach, which incorporates the use of

the discounted cash flow (“DCF”) method. The income approach requires the exercise of significant judgment, including judgment about the amount and timing of expected future cash flows, assumed terminal value and appropriate discount rates.

The DCF estimates incorporate expected cash flows that represent a spectrum of the amount and timing of possible cash flows of each reporting unit from a market participant perspective. The expected cash flows are developed from the Company’s long-range planning process using projections of operating results and related cash flows based on assumed long-term growth rates and demand trends and appropriate discount rates based on a reporting units weighted average cost of capital (“WACC”) as determined by considering the observable WACC of comparable companies and factors specific to the reporting unit. The terminal value is estimated using a constant growth method which requires an assumption about the expected long-term growth rate. The estimates are based on historical data and experience, industry projections, economic conditions, and the Company’s expectations. We performed the quantitative impairment test in 2018. See Note 10 of the Consolidated Financial Statements for additional information regarding the Company’s impairment test and impairment charges recognized.

The assumptions used for the long-term growth rate and WACC in the annual goodwill impairment test are as follows:

	<u>October 1, 2018</u>
Long-term growth rate	3.0%
WACC	9.13% – 11.05%

For the 2018 annual goodwill impairment test, the Company had 28 reporting units, all of which were subject to the quantitative goodwill impairment test and the carrying amount of three of the Company’s reporting units exceeded their fair value. The range of the excess of fair value over the carrying amount for the Company’s reporting units was from 3% to over 100%. The Company performed a sensitivity analysis which included a 1% increase to the WACC. Based on the results of that analysis, one additional reporting unit with goodwill of approximately \$131.2 million would fail the quantitative impairment test.

The Company believes the estimates and assumptions used in the calculations are reasonable. However, if there was an adverse change in the facts and circumstances, then an impairment charge may be necessary in the future. Specifically, as mentioned above, the fair value of one reporting unit, with goodwill of approximately \$131.2 million, exceeded its carrying value by 3% and therefore is highly sensitive to adverse changes in the facts and circumstances that could result in a possible future impairment. Should the fair value of any of the Company’s reporting units fall below its carrying amount because of reduced operating performance, market declines, changes in the discount rate, or other conditions, charges for impairment may be necessary. The Company monitors its reporting units to determine if there is an indicator of potential impairment.

Indefinite-lived intangible assets are primarily evaluated on an annual basis, generally in conjunction with the Company’s evaluation of goodwill balances. See Note 10 of the Consolidated Financial Statements for additional information regarding the Company’s impairment of a trademark.

Income Taxes. The Company records a valuation allowance against deferred income tax assets when management believes it is more likely than not that some portion or all of the deferred income tax assets will not be realized. Management evaluates on a quarterly basis all available positive and negative evidence considering factors such as the reversal of deferred income tax liabilities, projected future taxable income, the character of the income tax asset, tax planning strategies, changes in tax laws and other factors. The periodic assessment of the net carrying value of the Company’s deferred tax assets under the applicable accounting rules requires significant management judgment. A change to any of these factors could impact the estimated valuation allowance and income tax expense.

See Note 11 of the Notes to the Consolidated Financial Statements included herein for information related to the 2017 Tax Cuts and Jobs Act (the “Tax Act”) enacted into law on December 22, 2017, and Staff Accounting Bulletin No. 118, *Income Tax Accounting Implications of the Tax Cuts and Jobs Act* (“SAB 118”) issued by the SEC in December 2017.

Stock-based Compensation. The fair value method is applied to all awards granted, modified or settled. Under the fair value method, compensation cost is measured at fair value at the date of grant and is expensed over the service period that is the award's vesting period. Awards based on performance conditions are recorded as compensation expense when the performance conditions are expected to be met.

From time to time, certain acquisitions and step-up transactions include an element of compensation related payments. The Company accounts for those payments as stock-based compensation. See Note 13 of the Notes to the Consolidated Financial Statements for further information.

New Accounting Pronouncements

Information regarding new accounting guidance can be found in Note 19 of the Notes to the Consolidated Financial Statements included herein.

Item 7A. Quantitative and Qualitative Disclosures About Market Risk

The Company is exposed to market risk related to interest rates, and foreign currencies and impairment risk.

Debt Instruments: At December 31, 2018, the Company's debt obligations consisted of amounts outstanding under its Credit Agreement and the Senior Notes. The Senior Notes bear a fixed 6.50% interest rate. The Credit Agreement bears interest at variable rates based upon the Eurodollar rate, U.S. bank prime rate and U.S. base rate, at the Company's option. The Company's ability to obtain the required bank syndication commitments depends in part on conditions in the bank market at the time of syndication. Given that there were \$68.1 million of borrowings under the Credit Agreement, as of December 31, 2018, a 1% increase or decrease in the weighted average interest rate, which was 4.16% at December 31, 2018, would have an immaterial interest impact.

Foreign Exchange: While the Company primarily conducts business in markets that use the U.S. dollar, the Canadian dollar, the Euro and the British Pound, its non-U.S. operations transact business in numerous different currencies. The Company's results of operations are subject to risk from the translation to the U.S. dollar of the revenue and expenses of its non-U.S. operations. The effects of currency exchange rate fluctuations on the translation of the Company's results of operations are discussed in "Management's Discussion and Analysis of Financial Condition and Results of Operations" and in Note 2 of the Notes to the Consolidated Financial Statements included herein. For the most part, revenues and expenses incurred related to the non-U.S. operations are denominated in their functional currency. This minimizes the impact that fluctuations in exchange rates will have on profit margins. Intercompany debt which is not intended to be repaid is included in cumulative translation adjustments. Translation of intercompany debt, which is not intended to be repaid, is included in cumulative translation adjustments. Translation of current intercompany balances are included in net earnings. The Company generally does not enter into foreign currency forward exchange contracts or other derivative financial instruments to hedge the effects of adverse fluctuations in foreign currency exchange rates.

The Company is exposed to foreign currency fluctuations relating to its intercompany balances between the U.S. and Canada. For every one cent change in the foreign exchange rate between the U.S. and Canada, the impact to the Company's Consolidated Statements of Operations would be approximately \$3 million.

Impairment Risk: At December 31, 2018, the Company had goodwill of \$741.0 million and other intangible assets of \$67.8 million. The Company reviews goodwill and other intangible assets with indefinite lives not subject to amortization for impairment annually as of October 1st of each year or more frequently if indicators of potential impairment exist. See the Critical Accounting Policy and Estimates section above and Note 10 of the Notes to the Consolidated Financial Statements for further information.

Item 8. Financial Statements and Supplementary Data

MDC PARTNERS INC.

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Report of Independent Registered Public Accounting Firm

Board of Directors and Shareholders
MDC Partners Inc.
New York, New York

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of MDC Partners Inc. (the “Company”) and subsidiaries as of December 31, 2018 and 2017, the related consolidated statements of operations, comprehensive income (loss), shareholders’ deficit, and cash flows for each of the three years in the period ended December 31, 2018, and the related notes and schedules presented in Item 15 (collectively referred to as the “consolidated financial statements”). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company and subsidiaries at December 31, 2018 and 2017, and the results of their operations and their cash flows for each of the three years in the period ended December 31, 2018, in conformity with accounting principles generally accepted in the United States of America.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (“PCAOB”), the Company’s internal control over financial reporting as of December 31, 2018, based on criteria established in *Internal Control — Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (“COSO”) and our report dated March 18, 2019 expressed an unqualified opinion thereon.

Change in Accounting Principles

On January 1, 2018, the Company adopted Accounting Standards Update 2014-09, Revenue from Contracts with Customers (Topic 606). The effects of adoption are described in Note 3 to the consolidated financial statements.

Basis for Opinion

These consolidated financial statements are the responsibility of the Company’s management. Our responsibility is to express an opinion on the Company’s consolidated financial statements based on our audits. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ BDO USA, LLP

We have served as the Company’s auditor since 2006.

New York, New York
March 18, 2019

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF OPERATIONS
(Thousands of United States Dollars, Except per Share Amounts)

	Years Ended December 31,		
	2018	2017	2016
Revenue:			
Services	\$ 1,476,203	\$ 1,513,779	\$ 1,385,785
Operating Expenses:			
Cost of services sold	991,198	1,023,476	936,133
Office and general expenses	349,056	310,455	306,251
Depreciation and amortization	46,196	43,474	46,446
Goodwill and other asset impairment	80,057	4,415	48,524
	1,466,507	1,381,820	1,337,354
Operating income	9,696	131,959	48,431
Other Income (Expenses):			
Interest expense and finance charges, net	(67,075)	(64,364)	(65,050)
Foreign exchange gain (loss)	(23,258)	18,137	(213)
Other income, net	230	1,346	414
Loss on redemption of Notes	—	—	(33,298)
	(90,103)	(44,881)	(98,147)
Income (loss) before income taxes and equity in earnings of non-consolidated affiliates	(80,407)	87,078	(49,716)
Income tax expense (benefit)	31,603	(168,064)	(9,404)
Income (loss) before equity in earnings of non-consolidated affiliates	(112,010)	255,142	(40,312)
Equity in earnings (losses) of non-consolidated affiliates	62	2,081	(309)
Net income (loss)	(111,948)	257,223	(40,621)
Net income attributable to the noncontrolling interests	(11,785)	(15,375)	(5,218)
Net income (loss) attributable to MDC Partners Inc.	(123,733)	241,848	(45,839)
Accretion on and net income allocated to convertible preference shares	(8,355)	(36,254)	—
Net income (loss) attributable to MDC Partners Inc. common shareholders	\$ (132,088)	\$ 205,594	\$ (45,839)
Income (Loss) Per Common Share:			
Basic			
Net income (loss) attributable to MDC Partners Inc. common shareholders	\$ (2.31)	\$ 3.72	\$ (0.89)
Diluted			
Net income (loss) attributable to MDC Partners Inc. common shareholders	\$ (2.31)	\$ 3.71	\$ (0.89)
Weighted Average Number of Common Shares Outstanding:			
Basic	57,218,994	55,255,797	51,345,807
Diluted	57,218,994	55,481,786	51,345,807
Stock-based compensation expense is included in the following line items above:			
Cost of services sold	\$ 12,513	\$ 19,015	\$ 14,237
Office and general expenses	5,903	5,335	6,766
Total	\$ 18,416	\$ 24,350	\$ 21,003

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME (LOSS)
(Thousands of United States Dollars)

	Years Ended December 31,		
	2018	2017	2016
Comprehensive Income (Loss)			
Net income (loss)	\$(111,948)	\$257,223	\$(40,621)
Other comprehensive income (loss), net of applicable tax:			
Foreign currency translation adjustment	3,158	3,611	(4,586)
Benefit plan adjustment, net of income tax expense of \$223 in 2018 and nil for 2017 and 2016	555	(1,336)	(3,101)
Other comprehensive income (loss)	3,713	2,275	(7,687)
Comprehensive income (loss) for the year	(108,235)	259,498	(48,308)
Comprehensive income attributable to the noncontrolling interests . .	(8,824)	(17,780)	(5,612)
Comprehensive income (loss) attributable to MDC Partners Inc. . . .	<u>\$(117,059)</u>	<u>\$241,718</u>	<u>\$(53,920)</u>

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED BALANCE SHEETS
(Thousands of United States Dollars)

	December 31,	
	2018	2017
ASSETS		
Current Assets:		
Cash and cash equivalents	\$ 30,873	\$ 46,179
Cash held in trusts	—	4,632
Accounts receivable, less allowance for doubtful accounts of \$1,879 and \$2,453	395,200	434,072
Expenditures billable to clients	42,369	31,146
Assets held for sale	78,913	—
Other current assets	42,499	26,742
Total Current Assets	589,854	542,771
Fixed assets, at cost, less accumulated depreciation of \$128,546 and \$123,599	88,189	90,306
Investment in non-consolidated affiliates	6,556	6,307
Goodwill	740,955	835,935
Other intangible assets, net, less accumulated amortization of \$161,868 and \$173,546	67,765	70,605
Deferred tax assets	92,741	115,325
Other assets	25,513	37,643
Total Assets	\$1,611,573	\$1,698,892
LIABILITIES, REDEEMABLE NONCONTROLLING INTERESTS, AND SHAREHOLDERS' DEFICIT		
Current Liabilities:		
Accounts payable	\$ 221,995	\$ 244,527
Trust liability	—	4,632
Accruals and other liabilities	312,785	327,812
Liabilities held for sale	35,967	—
Advance billings	138,505	148,133
Current portion of long-term debt	356	313
Current portion of deferred acquisition consideration	32,928	50,213
Total Current Liabilities	742,536	775,630
Long-term debt, less current portion	954,229	882,806
Long-term portion of deferred acquisition consideration	50,767	72,213
Other liabilities	54,133	54,110
Deferred tax liabilities	5,329	6,760
Total Liabilities	1,806,994	1,791,519
Redeemable Noncontrolling Interests	51,546	62,886
Commitments, Contingencies and Guarantees (See Note 18)		
Shareholders' Deficit:		
Convertible preference shares, 95,000 authorized, issued and outstanding at December 31, 2018 and 2017	90,123	90,220
Common stock and other paid in capital	58,579	38,191
Accumulated deficit	(464,903)	(340,000)
Accumulated other comprehensive loss	4,720	(1,954)
MDC Partners Inc. Shareholders' Deficit	(311,481)	(213,543)
Noncontrolling Interests	64,514	58,030
Total Shareholders' Deficit	(246,967)	(155,513)
Total Liabilities, Redeemable Noncontrolling Interests and Shareholders' Deficit	\$1,611,573	\$1,698,892

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Thousands of United States Dollars)

	Years Ended December 31,		
	2018	2017	2016
Cash flows provided by (used in) operating activities:			
Net Income (loss)	\$(111,948)	\$ 257,223	\$ (40,621)
Adjustments to reconcile income to cash provided by (used in) operating activities:			
Stock-based compensation	18,416	24,350	21,003
Depreciation	27,111	23,873	22,293
Amortization of intangibles	19,085	19,601	24,153
Amortization of deferred finance charges and debt discount	3,193	3,022	9,135
Goodwill and other asset impairment	80,057	4,415	48,524
Loss on redemption of Notes	—	—	26,873
Adjustment to deferred acquisition consideration	(374)	(4,819)	8,227
Deferred income taxes	23,573	(173,019)	(10,038)
Gain on sale of assets	(1,867)	(1,600)	(424)
(Earnings) losses of non-consolidated affiliates	(62)	(2,081)	309
Other and non-current assets and liabilities	392	(4,420)	13,527
Foreign exchange	20,795	(17,637)	(8,240)
Changes in working capital:			
Accounts receivable	30,211	(50,030)	(16,752)
Expenditures billable to clients	(11,223)	1,892	13,048
Prepaid expenses and other current assets	(17,189)	6,569	(13,608)
Accounts payable, accruals and other current liabilities	(18,222)	13,398	(110,018)
Acquisition related payments	(29,141)	(42,790)	(44,914)
Cash in trust	(656)	(709)	219
Advance billings	(14,871)	14,548	11,397
Net cash provided by (used in) operating activities	<u>17,280</u>	<u>71,786</u>	<u>(45,907)</u>
Cash flows used in investing activities:			
Capital expenditures	(20,264)	(32,958)	(29,432)
Deposits	—	—	(2,528)
Proceeds from sale of assets	2,082	10,631	666
Acquisitions, net of cash acquired	(32,713)	—	2,531
Distributions from non-consolidated affiliates	963	3,672	7,402
Other investments	(499)	(2,229)	(3,835)
Net cash used in investing activities	<u>(50,431)</u>	<u>(20,884)</u>	<u>(25,196)</u>

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Thousands of United States Dollars) – (continued)

	Years Ended December 31,		
	2018	2017	2016
Cash flows provided by (used in) financing activities:			
Proceeds from issuance of 6.50% Notes	—	—	900,000
Repayment of 6.75% Notes	—	—	(735,000)
Repayments of revolving credit facility	(1,625,862)	(1,479,632)	(1,790,108)
Proceeds from revolving credit facility	1,694,005	1,425,207	1,844,533
Proceeds from issuance of convertible shares	—	95,000	—
Convertible preference shares issuance costs	—	(4,780)	—
Acquisition related payments	(32,172)	(57,083)	(90,779)
Distributions to noncontrolling interests	(13,419)	(8,865)	(7,772)
Payment of dividends	(196)	(284)	(32,918)
Repayment of long-term debt	(146)	(404)	(507)
Premium paid on redemption of Notes	—	—	(26,873)
Deferred financing costs	—	—	(21,569)
Purchase of shares	(776)	(1,758)	(3,350)
Net cash provided by (used in) financing activities	21,434	(32,599)	35,657
Effect of exchange rate changes on cash, cash equivalents, and cash held in trusts	77	(754)	2,128
Net increase (decrease) in cash, cash equivalents, and cash held in trusts including cash classified within assets held for sale	(11,640)	17,549	(33,318)
Net decrease in cash, cash equivalents, and cash held in trusts classified within assets held for sale	(8,298)	—	—
Net increase (decrease) in cash, cash equivalents, and cash held in trusts	(19,938)	17,549	(33,318)
Cash, cash equivalents, and cash held in trusts at beginning of year	50,811	33,262	66,580
Cash, cash equivalents, and cash held in trusts at end of year	<u>\$ 30,873</u>	<u>\$ 50,811</u>	<u>\$ 33,262</u>
Supplemental disclosures:			
Cash income taxes paid	\$ 3,836	\$ 8,099	\$ 2,895
Cash interest paid	\$ 64,012	\$ 62,895	\$ 64,671
Non-cash transactions:			
Capital leases	\$ 95	\$ 670	\$ 265
Note receivable exchanged for shares of subsidiary	\$ —	\$ 6,139	\$ —
Dividends payable	\$ 196	\$ 453	\$ 739
Acquisition related consideration settled through issuance of shares	\$ —	\$ 28,727	\$ 10,458
Value of shares issued for acquisition	\$ 7,030	\$ —	\$ 34,219
Leasehold improvements paid for by landlord	\$ —	\$ —	\$ 7,250

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' DEFICIT
(Thousands of United States Dollars)

	Common Shares	Share Capital to Be Issued	Common Stock and Other Paid in Capital	Accumulated Deficit	Accumulated Other Comprehensive Income (Loss)	MDC Partners Inc. Shareholders' Deficit	Noncontrolling Interests	Total Shareholders' Deficit
	Shares	Amount						
Balance at December 31, 2015	49,990,460	\$ —	\$(45,419)	\$(536,009)	\$ 6,257	\$(575,171)	\$ 79,079	\$(496,092)
Net loss attributable to MDC Partners	—	—	—	(45,839)	—	(45,839)	—	(45,839)
Other comprehensive income (loss)	—	—	—	—	(8,081)	(8,081)	394	(7,687)
Deferred acquisition consideration settled through issuance of shares	691,559	2,360	10,458	—	—	12,818	—	12,818
Issuance of restricted stock and stock options	425,915	—	—	—	—	—	—	—
Shares issued, acquisition	1,900,000	—	34,219	—	—	34,219	—	34,219
Shares acquired and canceled	(205,876)	—	(3,350)	—	—	(3,350)	—	(3,350)
Stock-based compensation	—	—	10,662	—	—	10,662	—	10,662
Changes in redemption value of redeemable noncontrolling interests	—	—	9,604	—	—	9,604	—	9,604
Changes in noncontrolling interests and redeemable noncontrolling interests from business acquisitions and step-up transactions	—	—	22,776	—	—	22,776	(13,840)	8,936
Dividends paid and to be paid	—	—	(32,747)	—	—	(32,747)	—	(32,747)
Balance at December 31, 2016	52,802,058	\$2,360	\$ 6,203	\$(581,848)	\$(1,824)	\$(575,109)	\$ 65,633	\$(509,476)

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' DEFICIT
(Thousands of United States Dollars) – (continued)

	Convertible Preference Shares		Common Shares		Share Capital to Be Issued		Common Stock and Other Paid in Capital	Accumulated Deficit	Accumulated Other Comprehensive Income (Loss)	MDC Partners Inc. Shareholders' Deficit	Noncontrolling Interests	Total Shareholders' Deficit
	Shares	Amount	Shares	Shares	Shares	Amount						
Balance at December 31, 2016	—	\$ —	52,802,058	100,000	\$ 2,360	\$ 6,203	\$(581,848)	\$(1,824)	\$(575,109)	\$ 65,633	\$(509,476)	
Net income attributable to MDC Partners	—	—	—	—	—	—	241,848	—	241,848	—	241,848	
Other comprehensive income (loss)	—	—	—	—	—	—	—	(130)	(130)	2,405	2,275	
Issuance of Series 4 convertible preference shares in private placement	95,000	90,220	—	—	—	—	—	—	90,220	—	90,220	
Issuance of restricted stock	—	—	380,669	—	—	—	—	—	—	—	—	
Shares acquired and canceled	—	—	(161,535)	—	—	(1,758)	—	—	(1,758)	—	(1,758)	
Deferred acquisition consideration settled through issuance of shares	—	—	3,353,939	(100,000)	(2,360)	30,212	—	—	27,852	—	27,852	
Stock-based compensation	—	—	—	—	—	8,028	—	—	8,028	—	8,028	
Changes in redemption value of redeemable noncontrolling interests	—	—	—	—	—	(1,498)	—	—	(1,498)	—	(1,498)	
Increase (decrease) in noncontrolling interests and redeemable noncontrolling interests from business acquisitions and step-up transactions	—	—	—	—	—	2,315	—	—	2,315	(11,965)	(9,650)	
Changes in noncontrolling interest and redeemable noncontrolling interests from business dispositions	—	—	—	—	—	(5,654)	—	—	(5,654)	12,614	6,960	
Dispositions	—	—	—	—	—	—	—	—	—	(10,657)	(10,657)	
Other	—	—	—	—	—	343	—	—	343	—	343	
Balance at December 31, 2017	95,000	\$90,220	56,375,131	—	\$ —	\$38,191	\$(340,000)	\$(1,954)	\$(213,543)	\$ 58,030	\$(155,513)	

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
CONSOLIDATED STATEMENTS OF SHAREHOLDERS' DEFICIT
(Thousands of United States Dollars) – (continued)

	Convertible Preference Shares		Common Shares	Common Stock and Other Paid in Capital	Accumulated Deficit	Accumulated Other Comprehensive Income (Loss)	MDC Partners Inc. Shareholders' Deficit	Noncontrolling Interests	Total Shareholders' Deficit
	Shares	Amount							
Balance at December 31, 2017	95,000	\$90,220	56,375,131	\$38,191	\$(340,000)	\$(1,954)	\$(213,543)	\$58,030	\$(155,513)
Net loss attributable to MDC Partners, Inc.	—	—	—	—	(123,733)	—	(123,733)	—	(123,733)
Other comprehensive income (loss)	—	—	—	—	—	6,674	6,674	(2,961)	3,713
Expenses for convertible preference shares	—	(97)	—	—	—	—	(97)	—	(97)
Issuance of restricted stock	—	—	243,529	—	—	—	—	—	—
Shares acquired and cancelled	—	—	(108,898)	(776)	—	—	(776)	—	(776)
Shares issued, acquisitions	—	—	1,011,561	7,030	—	—	7,030	—	7,030
Stock-based compensation	—	—	—	8,165	—	—	8,165	—	8,165
Changes in redemption value of redeemable noncontrolling interests	—	—	—	(4,171)	—	—	(4,171)	—	(4,171)
Business acquisitions and step-up transactions, net of tax	—	—	—	10,140	—	—	10,140	15,410	25,550
Changes in ownership interest	—	—	—	—	—	—	—	(5,965)	(5,965)
Cumulative effect of adoption of ASC 606	—	—	—	—	(1,170)	—	(1,170)	—	(1,170)
Balance at December 31, 2018	95,000	\$90,123	57,521,323	\$58,579	\$(464,903)	\$ 4,720	\$(311,481)	\$64,514	\$(246,967)

The accompanying notes to the consolidated financial statements are an integral part of these statements.

MDC PARTNERS INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Thousands of United States Dollars, Except per Share Amounts)

1. Basis of Presentation and Recent Developments

The accompanying consolidated financial statements include the accounts of MDC Partners Inc. (the “Company” or “MDC”) and its subsidiaries. References herein to “Partner Firms” generally refer to the Company’s subsidiary agencies.

MDC has prepared the consolidated financial statements included herein in accordance with generally accepted accounting principles of the United States of America (“U.S. GAAP”) and pursuant to the rules and regulations of the Securities and Exchange Commission (the “SEC”) for reporting financial information on Form 10-K.

Nature of Operations

MDC is a leading provider of global marketing, advertising, activation, communications and strategic consulting solutions. MDC’s Partner Firms deliver a wide range of customized services in order to drive growth and business performance for its clients.

MDC Partners Inc., formerly MDC Corporation Inc., is incorporated under the laws of Canada. The Company commenced using the name MDC Partners Inc. on November 1, 2003 and legally changed its name through amalgamation with a wholly-owned subsidiary on January 1, 2004. The Company operates primarily in the U.S., Canada, Europe, Asia, and Latin America.

Recent Developments

Strategic Review Process and Successor CEO Search

On September 20, 2018, the Company announced its evaluation of potential strategic alternatives, which included, among other things, the possible sale of the Company. On September 12, 2018, the Company announced that Scott Kauffman’s employment as the Company’s Chief Executive Officer would terminate, which it did effective December 31, 2018. The strategic review process proceeded in parallel with the Company’s search to identify a successor CEO.

During the interim period in which the Company was evaluating strategic alternatives and assessing potential new CEO candidates, the Board of Directors has established an executive committee comprised of David Doft (EVP, Chief Financial Officer), Mitchell Gendel (EVP, General Counsel), Stephanie Nerlich (EVP, Partner Development and Talent), and David Ross (EVP, Strategy & Corporate Development) (collectively, the “Executive Committee”). Effective January 1, 2019, the Executive Committee assumed the role and responsibilities of the Chief Executive Officer until the appointment of a successor. The Board of Directors’ Strategic Alternatives Committee, comprised of three independent directors of the Board (Irwin Simon, Larry Kramer and Anne Marie O’Donovan), have provided oversight for the Executive Committee during the interim period.

The Company has completed the strategic review process and search for a new CEO. On March 14, 2019, the Company entered into a securities purchase agreement with Stagwell Agency Holdings LLC (“Stagwell Holdings”), an affiliate of Stagwell Group LLC (“Stagwell”), pursuant to which Stagwell Holdings agreed to purchase, (i) 14,285,714 newly authorized Class A shares for \$3.50 per share for an aggregate purchase price of \$50 million and (ii) 50,000 newly authorized Series 6 convertible preference shares for an aggregate purchase price of \$50 million. See Note 23 of the Notes to the Consolidated Financial Statements included herein for additional information.

Effective March 18, 2019, the Company’s Board of the Directors appointed Mark Penn as the Chief Executive Officer (succeeding the Executive Committee) and as a director of the Board. Mr. Penn is manager of Stagwell.

Amendment to Credit Agreement

On March 12, 2019, the Company, Maxxcom Inc. (a subsidiary of the Company) (“Maxxcom”) and each of their subsidiaries party thereto entered into an amendment (the “Amendment”) to the existing senior secured revolving credit facility, dated as of May 3, 2016 (as amended, the “Credit Agreement”), among the

MDC PARTNERS INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Thousands of United States Dollars, Except per Share Amounts)

1. Basis of Presentation and Recent Developments – (continued)

Company, Maxxcom Inc., a Delaware corporation, each of their subsidiaries party thereto, Wells Fargo Capital Finance, LLC, as agent (“Wells Fargo”), and the lenders from time to time party thereto. See Note 12 of the Notes to the Consolidated Financial Statements included herein for additional information regarding the amendments to the Credit Agreement.

Sale of Kingsdale

On March 8, 2019, the Company consummated the sale of its Kingsdale business, including operations in Toronto and New York City, back to the Kingsdale Founder and CEO. As consideration for the sale, the Company was paid cash plus the assumption of certain liabilities totaling approximately \$50 million in the aggregate.

2. Significant Accounting Policies

The Company’s significant accounting policies are summarized as follows:

Principles of Consolidation. The accompanying consolidated financial statements include the accounts of MDC Partners Inc. and its domestic and international controlled subsidiaries that are not considered variable interest entities, and variable interest entities for which the Company is the primary beneficiary. Intercompany balances and transactions have been eliminated in consolidation.

Reclassifications. Certain reclassifications have been made to the prior period consolidated financial statements to conform to the current period presentation. Additionally, certain changes to presentation have been made. The Company changed its presentation of net income allocated to convertible preference shareholders. In the Company’s Form 10-K for the year ended December 31, 2017, this amount was presented in the Income (Loss) per Common Share footnote and not on the Consolidated Statements of Operations. In connection with the presentation of the Form 10-K for the year ended December 31, 2018, the Company changed the 2017 Consolidated Statement of Operations to include the net income allocated to convertible preference shares, which was previously disclosed in footnote 3 of the December 31, 2017 financial statements.

Use of Estimates. The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make judgments, estimates and assumptions. These estimates and assumptions affect the reported amounts of assets and liabilities including goodwill, intangible assets, contingent deferred acquisition consideration, redeemable noncontrolling interests, deferred tax assets and the amounts of revenue and expenses reported during the period. These estimates are evaluated on an ongoing basis and are based on historical experience, current conditions and various other assumptions believed to be reasonable under the circumstances. These estimates require the use of assumptions about future performance, which are uncertain at the time of estimation. To the extent actual results differ from the assumptions used, results of operations and cash flows could be materially affected.

Fair Value. The Company applies the fair value measurement guidance for financial assets and liabilities that are required to be measured at fair value and for non-financial assets and liabilities that are not required to be measured at fair value on a recurring basis, including goodwill and other identifiable intangible assets. The measurement of fair value requires the use of techniques based on observable and unobservable inputs. Observable inputs reflect market data obtained from independent sources, while unobservable inputs reflect market assumptions.

When available, the Company uses quoted market prices in active markets to determine the fair value of its financial instruments and classifies such items in Level 1. In some cases, quoted market prices are used for similar instruments in active markets and the Company classifies such items in Level 2. See Note 15 of the Notes to the Consolidated Financial Statements included herein for additional information regarding fair value measurements.

MDC PARTNERS INC.
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2. Significant Accounting Policies – (continued)

Concentration of Credit Risk. The Company provides marketing communications services to clients who operate in most industry sectors. Credit is granted to qualified clients in the ordinary course of business. Due to the diversified nature of the Company's client base, the Company does not believe that it is exposed to a concentration of credit risk. No client accounted for more than 10% of the Company's consolidated accounts receivable as of December 31, 2018 and 2017. No sales to an individual client or country other than the United States accounted for more than 10% of revenue for the fiscal years ended December 31, 2018, 2017, or 2016. As the Company operates in foreign markets, it is always considered at least reasonably possible foreign operations will be disrupted in the near term.

Cash and Cash Equivalents. The Company's cash equivalents are primarily comprised of investments in overnight interest-bearing deposits, and money market instruments and other short-term investments with original maturity dates of three months or less at the time of purchase. The Company has a concentration of credit risk in that there are cash deposits in excess of federally insured amounts.

Cash in Trust. A subsidiary of the Company holds restricted cash in trust accounts related to funds received on behalf of clients. Such amounts are held in escrow under depositary service agreements and distributed at the direction of the clients. The funds are presented as a corresponding liability on the balance sheet. As of December 31, 2018, cash held in trusts and the trust liability totaling \$3,976 were classified within assets and liabilities held for sale within the Consolidated Balance Sheet. Refer to Note 5 in the Notes to Consolidated Financial Statements included herein for further information regarding the sale of this subsidiary.

Allowance for Doubtful Accounts. Trade receivables are stated at invoiced amounts less allowances for doubtful accounts. The allowances represent estimated uncollectible receivables associated with potential customer defaults usually due to customers' potential insolvency. The allowances include amounts for certain customers where a risk of default has been specifically identified.

The assessment of the likelihood of customer defaults is based on various factors, including the length of time the receivables are past due, historical experience and existing economic conditions.

Expenditures Billable to Clients. Expenditures billable to clients consist principally of outside vendor costs incurred on behalf of clients when providing services that have not yet been invoiced to clients. Such amounts are invoiced to clients at various times over the course of the production process.

Fixed Assets. Fixed assets are stated at cost, net of accumulated depreciation. Computers, furniture and fixtures are depreciated on a straight-line basis over periods of three to seven years. Leasehold improvements are depreciated on a straight-line basis over the lesser of the term of the related lease or the estimated useful life of the asset. Repairs and maintenance costs are expensed as incurred.

Impairment of Long-lived Assets. A long-lived asset or asset group is tested for recoverability whenever events or changes in circumstances indicate that its carrying amount may not be recoverable. When such events occur, the Company compares the sum of the undiscounted cash flows expected to result from the use and eventual disposition of the asset or asset group to the carrying amount of such asset or asset group. If this comparison indicates that there is an impairment, the amount of the impairment is typically calculated using discounted expected future cash flows where observable fair values are not readily determinable. The discount rate applied to these cash flows is based on the Company's weighted average cost of capital ("WACC"), risk adjusted where appropriate.

Equity Method Investments. Equity method investments are investments in entities in which the Company has an ownership interest of less than 50% and has significant influence, or joint control by contractual arrangement, (i) over the operating and financial policies of the affiliate or (ii) has an ownership interest greater than 50%; however, the substantive participating rights of the noncontrolling interest shareholders preclude the Company from exercising unilateral control over the operating and financial policies

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2. Significant Accounting Policies – (continued)

of the affiliate. The Company's proportionate share of the net income or loss of equity method investments is included in the results of operations and any dividends and distributions reduce the carrying value of the investments. The Company's equity method investments, include various interests in investment funds, are included in Investments in non-consolidated affiliates within the Consolidated Balance Sheets. The Company's management periodically evaluates these investments to determine if there has been a decline in value that is other than temporary.

Other Investments. From time to time, the Company makes investments in start-ups, such as advertising technology and innovative consumer product companies, where the Company does not exercise significant influence over the operating and financial policies of the investee. Non-marketable equity investments (cost method investments) do not have a readily determinable fair value and are recorded at cost, less any impairment, adjusted for qualifying observable investment balance changes. The carrying amount for these investments, which are included in Other Assets within the Consolidated Balance Sheets as of December 31, 2018 and 2017 was \$8,072 and \$9,527, respectively.

The Company is required to measure these other investments at fair value and recognize any changes in fair value within net income or loss unless for investments that don't have readily determinable fair values and don't qualify for certain criteria an alternative for measurement exists. The alternative is to measure these investments at cost, less any impairment, plus or minus changes resulting from observable price changes in orderly transactions for the identical or a similar investment of the same issuer. The Company has elected to measure these investments under the alternative method effective January 1, 2018. The Company performs a qualitative assessment to review these investments for impairment by identifying any impairment indicators, such as significant deterioration of earnings or significant change in the industry. If the qualitative assessment indicates an investment is impaired, the Company estimates the fair value and reduces the carrying value of the investment down to its fair value with the loss recorded within net income or loss.

Goodwill and Indefinite Lived Intangibles. Goodwill (the excess of the acquisition cost over the fair value of the net assets acquired) and an indefinite life intangible asset (a tradename) acquired as a result of a business combination which are not subject to amortization are tested for impairment annually as of October 1st of each year, or more frequently if indicators of potential impairment exist. For goodwill, impairment is assessed at the reporting unit level.

For the annual impairment test, the Company has the option of assessing qualitative factors to determine whether it is more likely than not that the carrying amount of a reporting unit exceeds its fair value or performing a quantitative goodwill impairment test. Qualitative factors considered in the assessment include industry and market considerations, the competitive environment, overall financial performance, changing cost factors such as labor costs, and other factors specific to each reporting unit such as change in management or key personnel.

If the Company elects to perform the qualitative assessment and concludes that it is more likely than not that the fair value of the reporting unit is more than its carrying amount, then goodwill is not considered impaired and the quantitative impairment test is not necessary. For reporting units for which the qualitative assessment concludes that it is more likely than not that the fair value of the reporting unit is less than its carrying amount and for reporting units for which the qualitative assessment is not performed, the Company will perform the quantitative impairment test, which compares the fair value of the reporting unit to its carrying amount. If the fair value of the reporting unit exceeds the carrying amount of the net assets assigned to that reporting unit, goodwill is not considered impaired. However, if the fair value of the reporting unit is lower than the carrying amount of the net assets assigned to the reporting unit, an impairment charge is recognized equal to the excess of the carrying amount over the fair value.

Determining the fair value of a reporting unit involves the use of significant estimates and assumptions. For the 2018 annual impairment test, the Company used an income approach, which incorporates the use of

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2. Significant Accounting Policies – (continued)

the discounted cash flow (“DCF”) method. The income approach requires the exercise of significant judgment, including judgment about the amount and timing of expected future cash flows, assumed terminal value and appropriate discount rates.

The DCF estimates incorporate expected cash flows that represent a spectrum of the amount and timing of possible cash flows of each reporting unit from a market participant perspective. The expected cash flows are developed from the Company’s long-range planning process using projections of operating results and related cash flows based on assumed long-term growth rates and demand trends and appropriate discount rates based on a reporting units WACC as determined by considering the observable WACC of comparable companies and factors specific to the reporting unit. The terminal value is estimated using a constant growth method which requires an assumption about the expected long-term growth rate. The estimates are based on historical data and experience, industry projections, economic conditions, and the Company’s expectations. We performed the quantitative impairment test in 2018. See Note 10 for additional information regarding the Company’s impairment test and impairment charges recognized.

Indefinite-lived intangible assets are primarily evaluated on an annual basis, generally in conjunction with the Company’s evaluation of goodwill balances.

Definite Lived Intangible Assets. Definite lived intangible assets are subject to amortization over their useful lives. The method of amortization selected reflects the pattern in which the economic benefits of the specific intangible asset is consumed or otherwise used. If that pattern cannot be reliably determined, a straight-line amortization method is used over the estimated useful life. Intangible assets that are subject to amortization are reviewed for potential impairment at least annually or whenever events or circumstances indicate that carrying amounts may not be recoverable. See Note 10 included herein for further information.

Business Combinations. Business combinations are accounted for using the acquisition method and accordingly, the assets acquired (including identified intangible assets), the liabilities assumed and any noncontrolling interest in the acquired business are recorded at their acquisition date fair values. The Company’s acquisition model typically provides for an initial payment at closing and for future additional contingent purchase price obligations. Contingent purchase price obligations are recorded as deferred acquisition consideration on the balance sheet at the acquisition date fair value and are remeasured at each reporting period. Changes in such estimated values are recorded in the results of operations.

For each acquisition, the Company undertakes a detailed review to identify other intangible assets and a valuation is performed for all such identified assets. The Company uses several market participant measurements to determine estimated value. This approach includes consideration of similar and recent transactions, as well as utilizing discounted expected cash flow methodologies. A substantial portion of the intangible assets value that the Company acquires is the specialized know-how of the workforce, which is treated as part of goodwill and is not required to be valued separately. The majority of the value of the identifiable intangible assets acquired is derived from customer relationships, including the related customer contracts, as well as trade names. In executing the Company’s overall acquisition strategy, one of the primary drivers in identifying and executing a specific transaction is the existence of, or the ability to, expand the existing client relationships. The expected benefits of the Company’s acquisitions are typically shared across multiple agencies and regions.

Deferred Acquisition Consideration. Consistent with our acquisition strategy and past practice of acquiring a majority ownership position, most acquisitions include an initial payment at the time of closing and provide for future additional contingent purchase price payments. Contingent purchase price obligations for these transactions is recorded as a deferred acquisition consideration liability and are derived from the performance of the acquired entity and are based on predetermined formulas. These various contractual valuation formulas may be dependent on future events, such as the growth rate of the earnings of the relevant subsidiary during the contractual period. The liability is adjusted quarterly based on changes in current

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2. Significant Accounting Policies – (continued)

information affecting each subsidiary's current operating results and the impact this information will have on future results included in the calculation of the estimated liability. In addition, changes in various contractual valuation formulas as well as adjustments to present value impact quarterly adjustments. These adjustments are recorded in results of operations.

Redeemable Noncontrolling Interests. Many of the Company's acquisitions include contractual arrangements where the noncontrolling shareholders have an option to purchase, or may require the Company to purchase, such noncontrolling shareholders' incremental ownership interests under certain circumstances and the Company has similar call options under the same contractual terms. The amount of consideration under these contractual arrangements is not a fixed amount, but rather is dependent upon various valuation formulas, such as the average earnings of the relevant subsidiary through the date of exercise or the growth rate of the earnings of the relevant subsidiary during that period. In the event that an incremental purchase may be required of the Company, the amounts are recorded as redeemable noncontrolling interests in mezzanine equity on the balance sheet at their acquisition date fair value and adjusted for changes to their estimated redemption value through additional paid-in capital (but not less than their initial redemption value), except for foreign currency translation adjustments. These adjustments will not impact the calculation of earnings (loss) per share if the redemption values are less than the estimated fair values. There was no impact on the Company's earnings (loss) per share calculation in any period.

Subsidiary and Equity Investment Stock Transactions. Transactions involving the purchase, sale or issuance of stock of a subsidiary where control is maintained are recorded as a reduction in the redeemable noncontrolling interests or noncontrolling interests, as applicable. Any difference between the purchase price and noncontrolling interest is recorded to additional paid-in capital. In circumstances where the purchase of shares of an equity investment results in obtaining control, the existing carrying value of the investment is remeasured to the acquisition date fair value and any gain or loss is recognized in results of operations.

Revenue Recognition. Effective January 1, 2018, the Company adopted Financial Accounting Standards Board (the "FASB") ASC Topic 606, Revenue from Contracts with Customers ("ASC 606"). The Company's revenue is recognized when control of the promised goods or services is transferred to our clients, in an amount that reflects the consideration we expect to be entitled to in exchange for those goods or services. See Note 3 of the Notes to the Consolidated Financial Statements included herein for additional information.

Cost of Services Sold. Cost of services sold primarily consists of staff costs, and does not include depreciation charges for fixed assets.

Interest Expense. The Company uses the effective interest method to amortize deferred financing costs and any original issue premium or discount, if applicable. The Company also uses the straight-line method, which approximates the effective interest method, to amortize the deferred financing costs on the Credit Agreement.

Income Taxes. The Company records a valuation allowance against deferred income tax assets when management believes it is more likely than not that some portion or all of the deferred income tax assets will not be realized. Management evaluates on a quarterly basis all available positive and negative evidence considering factors such as the reversal of deferred income tax liabilities, projected future taxable income, the character of the income tax asset, tax planning strategies, changes in tax laws and other factors. The periodic assessment of the net carrying value of the Company's deferred tax assets under the applicable accounting rules requires significant management judgment. A change to any of these factors could impact the estimated valuation allowance and income tax expense.

See Note 11 of the Notes to the Consolidated Financial Statements included herein for information related to the 2017 Tax Cuts and Jobs Act (the "Tax Act") enacted into law on December 22, 2017, and Staff Accounting Bulletin No. 118, *Income Tax Accounting Implications of the Tax Cuts and Jobs Act* ("SAB 118") issued by the SEC in December 2017.

MDC PARTNERS INC.
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2. Significant Accounting Policies – (continued)

Stock-Based Compensation. Under the fair value method, compensation cost is measured at fair value at the date of grant and is expensed over the service period, generally the award's vesting period. The Company uses its historical volatility derived over the expected term of the award to determine the volatility factor used in determining the fair value of the award. The Company recognizes forfeitures as they occur.

Stock-based awards that are settled in cash or equity at the option of the Company are recorded at fair value on the date of grant. The fair value measurement of the compensation cost for these awards is based on using the Black-Scholes option pricing-model and is recorded in operating income over the service period, in this case the award's vesting period.

The Company has adopted the straight-line attribution method for determining the compensation cost to be recorded during each accounting period. The Company commences recording compensation expense related to awards that are based on performance conditions under the straight-line attribution method when it is probable that such performance conditions will be met.

From time to time, certain acquisitions and step-up transactions include an element of compensation related payments. The Company accounts for those payments as stock-based compensation.

Retirement Costs. Several of the Company's U.S. and Canadian subsidiaries offer employees access to certain defined contribution retirement programs. Under the defined contribution plans, these subsidiaries, in some cases, make annual contributions to participants' accounts which are subject to vesting. The Company's contribution expense pursuant to these plans was \$9,810, \$10,124 and \$10,026 for the years ended December 31, 2018, 2017, and 2016, respectively. The Company also has a defined benefit pension plan. See Note 20 of the Notes to the Consolidated Financial Statements included herein for additional information.

Income (Loss) per Common Share. Basic income (loss) per common share is based upon the weighted average number of common shares outstanding during each period. Diluted income (loss) per common share is based on the above, in addition, if dilutive, common share equivalents, which include outstanding options, stock appreciation rights, and unvested restricted stock units. In periods of net loss, all potentially issuable common shares are excluded from diluted net loss per common share because they are anti-dilutive.

The Company has 95,000 authorized and issued Series 4 Convertible Preference Shares (the "Preference Shares") sold in a private placement in 2017. The two-class method is applied to calculate basic net income (loss) attributable to MDC Partners Inc. per common share in periods in which shares of convertible preference shares are outstanding, as shares of convertible preference shares are participating securities due to their dividend rights. See Note 14 of the Notes to the Consolidated Financial Statements included herein for additional information. The two-class method is an earnings allocation method under which earnings per share is calculated for common stock considering a participating security's rights to undistributed earnings as if all such earnings had been distributed during the period. Either the two-class method or the if-converted method is applied to calculate diluted net income per common share, depending on which method results in more dilution. The Company's participating securities are not included in the computation of net loss per common share in periods of net loss because the convertible preference shareholders have no contractual obligation to participate in losses.

Foreign Currency Translation. The functional currency of the Company is the Canadian dollar; however, it has decided to use U.S. dollars as its reporting currency for consolidated reporting purposes. Generally, the Company's subsidiaries use their local currency as their functional currency. Accordingly, the currency impacts of the translation of the Consolidated Balance Sheets of the Company and its non-U.S. dollar based subsidiaries to U.S. dollar statements are included as cumulative translation adjustments in accumulated other comprehensive income (loss). Translation of intercompany debt, which is not intended to be repaid, is included in cumulative translation adjustments. Cumulative translation adjustments are not included in net earnings unless they are actually realized through a sale or upon complete, or substantially complete, liquidation of the Company's net investment in the foreign operation. Translation of current intercompany

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2. Significant Accounting Policies – (continued)

balances are included in net earnings. The balance sheets of non-U.S. dollar based subsidiaries are translated at the period end rate. The Consolidated Statements of Operating of the Company and its non-U.S. dollar based subsidiaries are translated at average exchange rates for the period.

Gains and losses arising from the Company's foreign currency transactions are reflected in net earnings. Unrealized gains or losses arising on the translation of certain intercompany foreign currency transactions that are of a long-term nature (that is settlement is not planned or anticipated in the future) are included as cumulative translation adjustments in accumulated other comprehensive income (loss).

3. Revenue

Effective January 1, 2018, the Company adopted ASC Topic 606. ASC 606 was applied using the modified retrospective method, with the cumulative effect of the initial adoption being recognized as an adjustment to opening retained earnings at January 1, 2018. As a result, comparative prior periods have not been adjusted and continue to be reported under FASB ASC Topic 605, Revenue Recognition ("ASC 605"). See Note 19 of the Notes to the Consolidated Financial Statements included herein for additional information surrounding the Company's adoption of ASC 606.

The Company's revenue recognition policies are established in accordance with the Revenue Recognition topics of ASC 606, and accordingly, revenue is recognized when control of the promised goods or services is transferred to our clients, in an amount that reflects the consideration we expect to be entitled to in exchange for those goods or services.

The MDC network provides an extensive range of services to our clients offering a variety of marketing and communication capabilities including strategy, creative and production for advertising campaigns across a variety of platforms (print, digital, social media, television broadcast), public relations services including strategy, editorial, crisis support or issues management, media training, influencer engagement and events management. We also provide media buying and planning across a range of platforms (out-of-home, paid search, social media, lead generation, programmatic, television broadcast), experiential marketing and application/website design and development.

The primary source of the Company's revenue is from agency arrangements in the form of fees for services performed, commissions, and from performance incentives or bonuses, depending on the terms of the client contract. In all circumstances, revenue is only recognized when collection is reasonably assured. Certain of the Company's contractual arrangements have more than one performance obligation. For such arrangements, revenue is allocated to each performance obligation based on its relative stand-alone selling price. Stand-alone selling prices are determined based on the prices charged to clients or using expected cost plus margin.

The determination of our performance obligations is specific to the services included within each contract. Based on a client's requirements within the contract, and how these services are provided, multiple services could represent separate performance obligations or be combined and considered one performance obligation. Contracts that contain services that are not significantly integrated nor interdependent, nor that significantly modify or customize each other, are considered separate performance obligations. Typically, we consider media planning, media buying, creative (or strategy), production and experiential marketing services to be separate performance obligations if included in the same contract as each of these services can be provided on a stand-alone basis, and do not significantly modify or customize each other. Public relations services and application/website design and development are typically each considered one performance obligation as there is a significant integration of these services into a combined output.

We typically satisfy our performance obligations over time, as services are performed. Fees for services are typically recognized using input methods (direct labor hours, materials and third-party costs) that correspond with efforts incurred to date in relation to total estimated efforts to complete the contract. Point in

MDC PARTNERS INC.
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3. Revenue – (continued)

time recognition primarily relates to certain commission-based contracts, which are recognized upon the placement of advertisements in various media when the Company has no further performance obligation.

Revenue is recognized net of sales and other taxes due to be collected and remitted to governmental authorities. The Company's contracts typically provide for termination by either party within 30 to 90 days. Although payment terms vary by client, they are typically within 30 to 60 days. In addition, the Company generally has the right to payment for all services provided through the end of the contract or termination date.

Within each contract, we identify whether the Company is principal or agent at the performance obligation level. In arrangements where the Company has substantive control over the service before transferring it to the client, and is primarily responsible for integrating the services into the final deliverables, we act as principal. In these arrangements, revenue is recorded at the gross amount billed. Accordingly, for these contracts the Company has included reimbursed expenses in revenue. In other arrangements where a third-party supplier, rather than the Company is primarily responsible for the integration of services into the final deliverables, and thus the Company is solely arranging for the third-party supplier to provide these services to our client, we generally act as agent and record revenue equal to the net amount retained, when the fee or commission is earned. The role of MDC's agencies under a production services agreement is to facilitate a client's purchasing of production capabilities from a third-party production company in accordance with the client's strategy and guidelines. The obligation of MDC's agencies under media buying services is to negotiate and purchase advertising media from a third-party media vendor on behalf of a client to execute its media plan. We do not obtain control prior to transferring these services to our clients; therefore, we primarily act as agent for production and media buying services.

A small portion of the Company's contractual arrangements with clients include performance incentive provisions, which allow the Company to earn additional revenues as a result of its performance relative to both quantitative and qualitative goals. Incentive compensation is primarily estimated using the most likely amount method and is included in revenue up to the amount that is not expected to result in a reversal of a significant amount of cumulative revenue recognized. We recognize revenue related to performance incentives as we satisfy the performance obligation to which the performance incentives are related.

Disaggregated Revenue Data

The Company provides a broad range of services to a large base of clients across the full spectrum of industry verticals on a global basis. The primary source of revenue is from agency arrangements in the form of fees for services performed, commissions, and from performance incentives or bonuses. Certain clients may engage with the Company in various geographic locations, across multiple disciplines, and through multiple Partner Firms. Representation of a client rarely means that MDC handles marketing communications for all brands or product lines of the client in every geographical location. The Company's Partner firms often cooperate with one another through referrals and the sharing of both services and expertise, which enables MDC to service clients' varied marketing needs by crafting custom integrated solutions. Additionally, the Company maintains separate, independent operating companies to enable it to effectively manage potential conflicts of interest by representing competing clients across the MDC network.

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3. Revenue – (continued)

The following table presents revenue disaggregated by client industry vertical for the twelve months ended December 31, 2018, 2017, and 2016 and the impact of adoption of ASC 606:

Industry	Reportable Segment	Twelve Months Ended December 31,				
		2018			2017	2016
		As reported	Adjustment to exclude impact of Adoption of ASC 606	Adjusted		
Food & Beverage . . .	All	\$ 313,368	\$ 7,064	\$ 320,432	\$ 313,786	\$ 266,600
Retail	All	152,552	(2,683)	149,869	178,152	182,428
Consumer Products . .	All	162,524	585	163,109	162,307	147,849
Communications	All	178,410	25,957	204,367	208,701	160,064
Automotive	All	88,807	8,587	97,394	127,023	129,352
Technology	All	104,479	38	104,517	99,325	109,309
Healthcare	All	127,547	507	128,054	124,261	115,159
Financials	All	110,069	146	110,215	104,713	85,480
Transportation and Travel/Lodging . . .	All	86,419	2,461	88,880	56,955	58,298
Other	All	152,028	8,974	161,002	138,556	131,246
		<u>\$1,476,203</u>	<u>\$51,636</u>	<u>\$1,527,839</u>	<u>\$1,513,779</u>	<u>\$1,385,785</u>

MDC has historically largely focused where the Company was founded in North America, the largest market for its services in the world. In recent years the Company has expanded its global footprint to support clients looking for help to grow their businesses in new markets. Today, MDC's Partner Firms are located in the United States, Canada, and an additional thirteen countries around the world. In the past, some clients have responded to weakening economic conditions with reductions to their marketing budgets, which included discretionary components that are easier to reduce in the short term than other operating expenses.

The following table presents revenue disaggregated by geography for the twelve months ended December 31, 2018, 2017, and 2016 and the impact of adoption of ASC 606:

Geographic Location	Reportable Segment	Twelve Months Ended December 31,				
		2018			2017	2016
		As reported	Adjustment to exclude impact of Adoption of ASC 606	Adjusted		
United States	All	\$1,153,192	\$20,699	\$1,173,891	\$1,172,364	\$1,103,714
Canada	All	124,000	(1,288)	122,712	123,092	124,101
	All, Excluding Domestic Creative Agencies	199,011	32,225	231,236	218,323	157,970
Other		<u>\$1,476,203</u>	<u>\$51,636</u>	<u>\$1,527,839</u>	<u>\$1,513,779</u>	<u>\$1,385,785</u>

Contract Assets and Liabilities

Contract assets consist of fees and reimbursable outside vendor costs incurred on behalf of clients when providing advertising, marketing and corporate communications services that have not yet been invoiced to clients. Unbilled service fees were \$64,362 and \$54,177 at December 31, 2018 and December 31, 2017, respectively, and are included as a component of accounts receivable on the Consolidated Balance Sheets. Outside vendor costs incurred on behalf of clients which have yet to be invoiced were \$42,369 and \$31,146 at

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3. Revenue – (continued)

December 31, 2018 and December 31, 2017, respectively, and are included on the Consolidated Balance Sheets as expenditures billable to clients. Such amounts are invoiced to clients at various times over the course of providing services.

Contract liabilities consist of fees billed to clients in excess of fees recognized as revenue and are classified as advance billings on the Company's Consolidated Balance Sheets. Advance billings at December 31, 2018 and December 31, 2017 were \$138,505 and \$148,133, respectively. The decrease in the advance billings balance of \$9,628 for the twelve months ended December 31, 2018 is primarily driven by \$135,573 of revenues recognized that were included in the advance billings balances as of December 31, 2017 and reductions due to the incurrence of third-party costs, offset by cash payments received or due in advance of satisfying our performance obligations.

Changes in the contract asset and liability balances during the twelve months ended December 31, 2018 and December 31, 2017 were not materially impacted by write offs, impairment losses or any other factors.

Practical Expedients

In adopting ASC 606, the Company applied the practical expedient to not disclose information about remaining performance obligations that have original expected durations of one year or less. Amounts related to those performance obligations with expected durations of more than one year are immaterial.

4. Income (Loss) per Common Share

The following table sets forth the computation of basic and diluted income (loss) per common share for the years ended December 31:

	<u>2018</u>	<u>2017</u>	<u>2016</u>
Numerator:			
Net income (loss) attributable to MDC Partners Inc. . . .	\$ (123,733)	\$ 241,848	\$ (45,839)
Accretion on convertible preference shares	(8,355)	(6,352)	—
Net income allocated to convertible preference shares . .	<u>—</u>	<u>(29,902)</u>	<u>—</u>
Net income (loss) attributable to MDC Partners Inc. common shareholders	<u>(132,088)</u>	<u>205,594</u>	<u>(45,839)</u>
Adjustment to net income allocated to convertible preference shares	<u>—</u>	<u>106</u>	<u>—</u>
Net income (loss) attributable to MDC Partners Inc. common shareholders	<u>\$ (132,088)</u>	<u>\$ 205,700</u>	<u>\$ (45,839)</u>
Denominator:			
Basic weighted average number of common shares outstanding	57,218,994	55,255,797	51,345,807
Effect of dilutive securities:			
Impact of stock options and non-vested stock under employee stock incentive plans	<u>—</u>	<u>225,989</u>	<u>—</u>
Diluted weighted average number of common shares outstanding	<u>57,218,994</u>	<u>55,481,786</u>	<u>51,345,807</u>
Net income (loss) attributable to MDC Partners Inc. common shareholders per common share:			
Basic	<u>\$ (2.31)</u>	<u>\$ 3.72</u>	<u>\$ (0.89)</u>
Diluted	<u>\$ (2.31)</u>	<u>\$ 3.71</u>	<u>\$ (0.89)</u>
Anti-dilutive stock awards	1,442,518 – 1,391,456		

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4. Income (Loss) per Common Share – (continued)

Restricted stock and restricted stock unit awards of 1,012,637, 1,443,921, and 503,321 for the twelve months ended December 31, 2018, 2017, and 2016, respectively, which are contingent upon the Company meeting a cumulative three year earnings target (2018, 2019, and 2020) and contingent upon continued employment, are excluded from the computation of diluted income per common share as the contingencies were not satisfied at December 31, 2018, 2017, and 2016, respectively. In addition, there were 95,000 shares of Preference Shares outstanding which were convertible into 10,970,714 and 10,135,244 Class A common shares at December 31, 2018 and 2017, respectively. These Preference Shares were anti-dilutive for the twelve months ended December 31, 2018 and 2017 and are therefore excluded from the diluted income (loss) per common share calculation.

5. Acquisitions and Dispositions

2018 Acquisitions

On September 7, 2018, a subsidiary of the Company purchased 100% interests of OneChocolate Communications Limited and OneChocolate Communications LLC, PR (“OneChocolate”) a digital marketing consultancy headquartered in London, UK, for an aggregate purchase price of \$3,231, working capital payment of \$966 and additional deferred acquisition payments with an estimated present value of \$2,146. OneChocolate’s results are reflected in the Allison & Partners operating segment which is included in the Specialist Communications reportable segment which had an immaterial impact on our results.

On July 1, 2018, the Company acquired the remaining 14.87% and 3% of membership interests of Doner Partners, LLC and Source Marketing LLC respectively for an aggregate purchase price of \$7,618, comprised of a closing cash payment of \$3,279 and additional deferred acquisition payments with an estimated present value of \$4,305 as of December 31, 2018. As of the acquisition date, the fair value of the additional interests acquired was \$16,361 for Doner Partners LLC. The fair values were measured using a discounted cash flow model. As a result of the transaction, the Company reduced noncontrolling interest by \$11,946 and redeemable noncontrolling interest by \$933.

On April 2, 2018, the Company purchased 51% of the membership interests of Instrument LLC (“Instrument”), a digital creative agency based in Portland, Oregon, for an aggregate purchase price of \$35,591. The acquisition is expected to facilitate the Company’s growth and help to build its portfolio of modern, innovative and digital-first agencies. The purchase price consisted of a cash payment of \$28,561 and the issuance of 1,011,561 shares of the Company’s Class A subordinate voting stock with an acquisition date fair value of \$7,030. The Company issued these shares in a transaction exempt from the registration requirements of the Securities Act of 1933, as amended, pursuant to Section 4(a)(2) of the Securities Act.

The purchase price allocation for Instrument resulted in tangible assets of \$10,304, identifiable intangibles of \$23,130, consisting primarily of customer lists and a trade name, and goodwill of \$32,776. In addition, the Company has recorded \$27,357 as the fair value of noncontrolling interests, which was derived from the Company’s purchase price less a discount related to the noncontrolling parties’ lack of control. The identified assets have a weighted average useful life of approximately six years and will be amortized in a manner represented by the pattern in which the economic benefits of such assets are expected to be realized. The goodwill is tax deductible. Instruments’ results are included in the All Other category from a segment reporting perspective. The Company has a controlling financial interest in Instrument through its majority voting interest, and as such, has aggregated the acquired Partner Firm’s financial data into the Company’s consolidated financial statements. The operating results of Instrument in the current year is not material.

Effective January 1, 2018, the Company acquired the remaining 24.5% ownership interest of Allison & Partners LLC for an aggregate purchase price of \$10,023, comprised of a closing cash payment of \$300 and additional deferred acquisition payments with an estimated present value at the acquisition date of \$9,723. The deferred payments are based on the future financial results of the underlying business from 2017 to 2020 with final payments due in 2021. As of the acquisition date, the fair value of the additional interest acquired was

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5. Acquisitions and Dispositions – (continued)

\$20,096. The fair value was measured using a discounted cash flow model. As a result of the transaction, the Company reduced redeemable noncontrolling interests by \$8,857. The difference between the purchase price and the noncontrolling interest of \$1,166 was recorded in additional paid-in capital.

Assets and Liabilities Held for Sale

The Company has initiated a process to sell its ownership interest in Kingsdale, an operating segment that provides shareholder services, and a foreign office within the Global Integrated Agencies reportable segment. The assets and liabilities of both entities were classified as Assets and Liabilities held for sale, at their fair value less cost to sell, within the Consolidated Balance Sheet as of December 31, 2018. The significant assets classified as held for sale were accounts receivable and goodwill and significant liabilities were accounts payable and accrued liabilities. This also resulted in a write down of goodwill of Kingsdale totaling \$4,691. This charge is included in Goodwill and other asset impairment within the Consolidated Statement of Operations for the year ended December 31, 2018. The sale of Kingsdale was consummated on March 8, 2019. See Note 1 of the Notes to the Consolidated Financial Statements for additional information. The sale of the foreign office is expected to be completed within the next twelve months.

2017 Acquisitions

In 2017, the Company entered into various non-material transactions in connection with certain of its majority-owned entities. As a result of the foregoing, the Company made total cash closing payments of \$3,858, increased fixed deferred consideration liability by \$7,208, reduced redeemable noncontrolling interests by \$816, reduced noncontrolling interests equity by \$11,965, reduced noncontrolling interest payable by \$397, and increased additional paid-in capital by \$2,315. In addition, a stock-based compensation charge of \$996 has been recognized representing the consideration paid in excess of the fair value of the interest acquired.

2017 Dispositions

During 2017, the Company sold all of its ownership interests in three subsidiaries resulting in recognition of a net loss on sale of business of \$1,732. The net assets reflected in the calculation of the net loss on sale was inclusive of goodwill of \$17,593. Goodwill was allocated to the subsidiaries based on the relative fair value of the sold subsidiaries compared to the fair value of the respective reporting units. Additionally, the Company recorded a reduction in noncontrolling interests of \$10,657.

In addition, the Company sold a noncontrolling ownership interest in two subsidiaries during 2017. The Company recorded \$6,961 of noncontrolling interest equity and \$1,690 of redeemable noncontrolling interest, representing the fair value of the disposed ownership interest at the time of execution. Additionally, stock-based compensation of \$2,473 was recognized, representing the excess in the proportionate fair value over the total consideration received.

6. Deferred Acquisition Considerations

Deferred acquisition consideration on the balance sheet consists of deferred obligations related to contingent and fixed purchase price payments, and to a lesser extent, contingent and fixed retention payments tied to continued employment of specific personnel. Contingent deferred acquisition consideration are recorded at the acquisition date fair value and adjusted at each reporting period through operating income, for contingent purchase price payments, or net interest expense, for fixed purchase price payments. The Company accounts for retention payments through operating income as stock-based compensation over the required retention period.

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6. Deferred Acquisition Considerations – (continued)

The following table presents changes in contingent deferred acquisition consideration, which is measured at fair value on a recurring basis using significant unobservable inputs, and a reconciliation to the amounts reported on the balance sheets as of December 31, 2018 and 2017.

	<u>2018</u>	<u>2017</u>
Beginning balance of contingent payments	\$119,086	\$ 224,754
Payments ⁽¹⁾	(54,947)	(110,234)
Additions – acquisition and step-up transactions	14,943	—
Redemption value adjustments ⁽²⁾	3,512	3,273
Foreign translation adjustment	4	1,293
Ending balance of contingent payments	<u>\$ 82,598</u>	<u>\$ 119,086</u>
Fixed payments ⁽³⁾	1,097	3,340
	<u>\$ 83,695</u>	<u>\$ 122,426</u>

- (1) For the twelve months ended December 31, 2017, payments include \$28,727 of deferred acquisition consideration settled through the issuance of 3,353,939 MDC Class A subordinate voting shares in lieu of cash.
- (2) Redemption value adjustments are fair value changes from the Company's initial estimates of deferred acquisition payments, including the accretion of present value and stock-based compensation charges relating to acquisition payments that are tied to continued employment. Redemption value adjustments are recorded within cost of services sold and office and general expenses on the Consolidated Statements of Operations.
- (3) The Company made \$6,366 in fixed payments for the twelve months ended December 31, 2018.

The following table presents the impact to the Company's statement of operations due to redemption value adjustments for the twelve months ended December 31, 2018 and 2017:

	<u>2018</u>	<u>2017</u>
Income attributable to fair value adjustments	\$(3,679)	\$(6,021)
Stock-based compensation expense	7,191	9,294
Redemption value adjustments	<u>\$ 3,512</u>	<u>\$ 3,273</u>

7. Fixed Assets

The following is a summary of the Company's fixed assets as of December 31:

	<u>2018</u>			<u>2017</u>		
	<u>Cost</u>	<u>Accumulated Depreciation</u>	<u>Net Book Value</u>	<u>Cost</u>	<u>Accumulated Depreciation</u>	<u>Net Book Value</u>
Computers, furniture and fixtures	\$100,276	\$ (73,060)	\$27,216	\$101,806	\$ (74,429)	\$27,377
Leasehold improvements	116,459	(55,486)	60,973	112,099	(49,170)	62,929
	<u>\$216,735</u>	<u>\$(128,546)</u>	<u>\$88,189</u>	<u>\$213,905</u>	<u>\$(123,599)</u>	<u>\$90,306</u>

At December 31, 2018 and 2017, included in fixed assets are assets under capital lease obligations with a cost of \$1,447 and \$1,903, respectively, and accumulated depreciation of \$780 and \$1,176, respectively. Depreciation expense for the years ended December 31, 2018, 2017, and 2016 was \$27,111, \$23,873 and \$22,293, respectively.

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8. Noncontrolling and Redeemable Noncontrolling Interests

When acquiring less than 100% ownership of an entity, the Company may enter into agreements that give the Company an option to purchase, or require the Company to purchase, the incremental ownership interests under certain circumstances. Where the option to purchase the incremental ownership is within the Company's control, the amounts are recorded as noncontrolling interests in the equity section of the Company's Consolidated Balance Sheets. Where the incremental purchase may be required of the Company, the amounts are recorded as redeemable noncontrolling interests in mezzanine equity at their estimated acquisition date redemption value and adjusted at each reporting period for changes to their estimated redemption value through additional paid-in capital (but not less than their initial redemption value), except for foreign currency translation adjustments. On occasion, the Company may initiate a renegotiation to acquire an incremental ownership interest and the amount of consideration paid may differ materially from the amounts recorded in the Company's Consolidated Balance Sheets.

Noncontrolling Interests

Changes in amounts due to noncontrolling interest holders included in accruals and other liabilities on the Consolidated Balance Sheets for the twelve months ended December 31, 2018 and 2017 were as follows:

	Noncontrolling Interests
Balance, December 31, 2016	\$ 4,154
Income attributable to noncontrolling interests	15,375
Distributions made	(8,865)
Other ⁽¹⁾	366
Balance, December 31, 2017	<u>\$ 11,030</u>
Income attributable to noncontrolling interests	11,785
Distributions made	(13,419)
Other ⁽¹⁾	(118)
Balance, December 31, 2018	<u><u>\$ 9,278</u></u>

(1) Other consists of cumulative translation adjustments.

Changes in the Company's ownership interests in our less than 100% owned subsidiaries during the three years ended December 31, were as follows:

	Year Ended December 31,		
	2018	2017	2016
Net income (loss) attributable to MDC Partners Inc.	\$(123,733)	\$241,848	\$(45,839)
Transfers from the noncontrolling interests			
Increase in MDC Partners Inc. paid-in capital for purchase of equity interests in excess of noncontrolling interests and redeemable noncontrolling interests	10,140	2,315	22,776
Net transfers from noncontrolling interests	<u>\$ 10,140</u>	<u>\$ 2,315</u>	<u>\$ 22,776</u>
Change from net income (loss) attributable to MDC Partners Inc. and transfers (to) from noncontrolling interests	<u><u>\$(113,593)</u></u>	<u><u>\$244,163</u></u>	<u><u>\$(23,063)</u></u>

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8. Noncontrolling and Redeemable Noncontrolling Interests – (continued)

Redeemable Noncontrolling Interests

The following table presents changes in redeemable noncontrolling interests as of December 31, 2018 and 2017:

	<u>2018</u>	<u>2017</u>
Beginning Balance	\$ 62,886	\$60,180
Redemptions	(11,943)	(910)
Granted	—	1,666
Changes in redemption value	1,067	1,498
Currency translation adjustments	(464)	452
Ending balance	<u>\$ 51,546</u>	<u>\$62,886</u>

The noncontrolling shareholders' ability to exercise any such option right is subject to the satisfaction of certain conditions, including conditions requiring notice in advance of exercise and specific employment termination conditions. In addition, these rights cannot be exercised prior to specified staggered exercise dates. The exercise of these rights at their earliest contractual date would result in obligations of the Company to fund the related amounts during 2019 to 2024. It is not determinable, at this time, if or when the owners of these rights will exercise all or a portion of these rights.

The redeemable noncontrolling interest of \$51,546 as of December 31, 2018, consists of \$17,373 assuming that the subsidiaries perform over the relevant future periods at their discounted cash flows earnings level and such rights are exercised, \$31,567 upon termination of such owner's employment with the applicable subsidiary or death and \$2,606 representing the initial redemption value (required floor) recorded for certain acquisitions in excess of the amount the Company would have to pay should the Company acquire the remaining ownership interests for such subsidiaries.

These adjustments will not impact the calculation of earnings (loss) per share if the redemption values are less than the estimated fair values. There was no related impact on the Company's income (loss) per share calculations.

9. Financial Instruments

Financial assets, which include cash and cash equivalents and accounts receivable, have carrying values which approximate fair value due to the short-term nature of these assets. Financial liabilities with carrying values approximating fair value due to short-term maturities include accounts payable. Deferred acquisition consideration is recorded at fair value. The revolving credit agreement is a variable rate debt, the carrying value of which approximates fair value. The Company's notes are a fixed rate debt instrument recorded at carrying value. See Note 15 of the Notes to the Consolidated Financial Statements included herein for additional information for the fair value. The fair value of financial commitments, guarantees and letters of credit, are based on the stated value of the underlying instruments, if any.

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10. Goodwill and Intangible Assets

As of December 31, goodwill was as follows:

<u>Goodwill</u>	<u>Global Integrated Agencies</u>	<u>Domestic Creative Agencies</u>	<u>Specialist Communications</u>	<u>Media Services</u>	<u>All Other</u>	<u>Total</u>
Balance at December 31, 2016	\$350,716	\$36,762	\$78,691	\$176,686	\$201,904	\$844,759
Acquired goodwill	—	—	—	—	—	—
Disposition	(964)	—	—	(16,629)	—	(17,593)
Impairment loss recognized	(2,741)	—	—	(497)	—	(3,238)
Transfer of goodwill between segments	6,371	—	—	497	(6,868)	—
Foreign currency translation	5,689	218	15	—	6,085	12,007
Balance at December 31, 2017	<u>\$359,071</u>	<u>\$36,980</u>	<u>\$78,706</u>	<u>\$160,057</u>	<u>\$201,121</u>	<u>\$835,935</u>
Acquired goodwill	—	—	4,816	—	32,776	37,592
Impairment loss recognized	(17,828)	—	—	(52,041)	(4,691)	(74,560)
Transfer of goodwill between segments	17,081	2,066	—	3,773	(22,920)	—
Transfer of goodwill to asset held for sale ⁽¹⁾	—	—	—	—	(45,224)	(45,224)
Foreign currency translation	(5,169)	(266)	(19)	(443)	(6,891)	(12,788)
Balance at December 31, 2018	<u>\$353,155</u>	<u>\$38,780</u>	<u>\$83,503</u>	<u>\$111,346</u>	<u>\$154,171</u>	<u>\$740,955</u>

(1) See Note 5 of the Notes to the Consolidated Financial Statements included herein for additional information.

The Company recognized an impairment of goodwill and other assets of \$80,057 for the twelve months ended December 31, 2018. The impairment primarily consists of the write-down of goodwill equal to the excess carrying value above the fair value of three reporting units, one in each of the Global Integrated Agencies reportable segment, the Media Services reportable segment and within the All Other category. The impairment of goodwill was in connection with the Company's interim and annual impairment tests performed in 2018. See below for information regarding an impairment of a tradename.

The Company recognized an impairment of goodwill and other assets of \$4,415 for the twelve months ended December 31, 2017. The impairment primarily consists of the write-down of goodwill equal to the excess carrying value above the fair value of two reporting units, one in each of the Global Integrated Agencies reportable segment and the Media Services reportable segment. The impairment of goodwill was in connection with the Company's annual impairment test performed in 2017.

The Company recognized an impairment of goodwill of \$48,524 for the twelve months ended December 31, 2016. The impairment was recognized at three reporting units, the Specialist Communications reportable segment, Media Services reportable segment and All Other reportable segment. The impairment of goodwill was in connection with the Company's interim and annual impairment tests performed in 2016.

The total accumulated goodwill impairment charges are \$173,205 through December 31, 2018.

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10. Goodwill and Intangible Assets – (continued)

As of December 31, the gross and net amounts of acquired intangible assets other than goodwill were as follows:

<u>Intangible Assets</u>	<u>For the Year Ended December 31,</u>	
	<u>2018</u>	<u>2017</u>
Trademarks (indefinite life)	\$ 14,600	\$ 17,780
Customer relationships – gross	\$ 93,296	\$102,325
Less accumulated amortization	(59,144)	(73,767)
Customer relationships – net	\$ 34,152	\$ 28,558
Other intangibles – gross	\$ 40,803	\$ 37,273
Less accumulated amortization	(21,790)	(13,006)
Other intangibles – net	\$ 19,013	\$ 24,267
Total intangible assets	\$148,699	\$157,378
Less accumulated amortization	(80,934)	(86,773)
Total intangible assets – net	<u>\$ 67,765</u>	<u>\$ 70,605</u>

In 2018, the Company recognized the full write-down of a trademark totaling \$3,180 for a reporting unit within the Global Integrated Agencies reportable segment. The tradename is no longer in active use given its merger with another reporting unit. See Note 16 of the Notes to the Consolidated Financial Statements for information related to the merger.

The weighted average amortization period for customer relationships is six years and other intangible assets is eight years. In total, the weighted average amortization period is seven years. Amortization expense related to amortizable intangible assets for the years ended December 31, 2018, 2017, and 2016 was \$17,290, \$17,125, and \$21,726, respectively.

The estimated amortization expense for the five succeeding years is as follows:

<u>Year</u>	<u>Amortization</u>
2019	\$12,257
2020	9,601
2021	8,220
2022	7,666
2023 and thereafter	15,421

11. Income Taxes

On December 22, 2017, the U.S. government enacted the Tax Act. The Tax Act makes broad and complex changes to the U.S. tax code including but not limited to a reduction in U.S. federal corporate tax rate from 35% to 21%, effective for tax years beginning after December 31, 2017 and a one-time transition tax on the mandatory deemed repatriation of cumulative foreign earnings.

The SEC issued SAB 118 which provides guidance on accounting for the tax effects of the Tax Act. SAB 118 provided a measurement period that should not extend beyond one year from the Tax Act enactment date for companies to complete the accounting under ASC 740. The Company has completed its accounting for the provisions of the Act in accordance with SAB 118. As of December 31, 2017 the Company recorded a provisional amount of \$26,674 related to the re-measurement of its deferred tax assets and liabilities resulting from the change in the corporate tax rate from 35% to 21% and has not adjusted the amount when completing its analysis.

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11. Income Taxes – (continued)

The Tax Act created a new requirement that Global Intangible Low-Taxed Income (i.e., GILTI) earned by controlled foreign corporations (CFCs) must be included currently in the gross income of the CFCs' U.S. shareholder. A deduction is permitted to a domestic corporation in an amount up to 50% of the sum of the GILTI inclusion and the amount treated as a dividend because the corporation has claimed a foreign tax credit (FTC) as a result of the inclusion of the GILTI amount in income. The Company has made a policy election to record tax effects of GILTI as a period expense when incurred.

The components of the Company's income (loss) before income taxes and equity in earnings of non-consolidated affiliates by taxing jurisdiction for the years ended December 31, were:

	<u>2018</u>	<u>2017</u>	<u>2016</u>
Income (Loss):			
U.S.	\$(68,698)	\$48,053	\$(16,661)
Non-U.S.	<u>(11,709)</u>	<u>39,025</u>	<u>(33,055)</u>
	<u>\$ (80,407)</u>	<u>\$ 87,078</u>	<u>\$ (49,716)</u>

The provision (benefit) for income taxes by taxing jurisdiction for the years ended December 31, were:

	<u>2018</u>	<u>2017</u>	<u>2016</u>
Current tax provision			
U.S. federal	\$ 444	\$ (1,657)	\$ —
U.S. state and local	2	98	(1,520)
Non-U.S.	<u>7,584</u>	<u>6,514</u>	<u>2,154</u>
	<u>8,030</u>	<u>4,955</u>	<u>634</u>
Deferred tax provision (benefit):			
U.S. federal	(9,315)	(172,873)	5,785
U.S. state and local	(2,990)	(7,775)	(3,550)
Non-U.S.	<u>35,878</u>	<u>7,629</u>	<u>(12,273)</u>
	<u>23,573</u>	<u>(173,019)</u>	<u>(10,038)</u>
Income tax provision (benefit)	<u>\$ 31,603</u>	<u>\$ (168,064)</u>	<u>\$ (9,404)</u>

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11. Income Taxes – (continued)

A reconciliation of income tax expense (benefit) using the U.S. federal income tax rate compared with actual income tax expense for the years ended December 31, is as follows:

	<u>2018</u>	<u>2017</u>	<u>2016</u>
Income (loss) before income taxes, equity in non-consolidated affiliates and noncontrolling interest . . .	\$(80,407)	\$ 87,078	\$(49,716)
Statutory income tax rate	21.0%	35.0%	35.0%
Tax expense (benefit) using statutory income tax rate	(16,886)	30,477	(17,401)
State and foreign taxes	(2,988)	8,863	(94)
Non-deductible stock-based compensation	1,512	1,441	1,123
Other non-deductible expense	10,091	(220)	1,848
Change to valuation allowance	49,482	(103,212)	6,605
Effect of the difference in U.S. federal and local statutory rates	(152)	(2,939)	(353)
Impact of tax reform	—	(100,472)	—
Noncontrolling interests	(2,674)	(4,413)	(1,287)
Impact of foreign operations	1,711	(2,453)	—
Adjustment to deferred tax balances	(8,865)	—	—
Other, net	372	4,864	155
Income tax expense (benefit)	<u>\$ 31,603</u>	<u>\$(168,064)</u>	<u>\$ (9,404)</u>
Effective income tax rate	<u>(39.3)%</u>	<u>(193.0)%</u>	<u>18.9%</u>

The Company has evaluated the usefulness of our rate reconciliation presented in prior periods which utilized the Canadian statutory tax rate of 26.5%. As the majority of our business operations and shareholders are located in the U.S., we believe using the U.S. statutory rate is more informative. The periods 2017 and 2016 in the table above have been conformed to reflect the U.S. statutory rate.

Income tax expense for the twelve months ended December 31, 2018 was \$31,603 (associated with a pretax loss of \$80,407) compared to an income tax benefit of \$168,064 (associated with pretax income of \$87,078) for the twelve months ended December 31, 2017. Income tax expense in 2018 included the impact of establishing a valuation allowance primarily associated with Canadian deferred tax assets and the income tax benefit in 2017 included the impact of a release of a valuation allowance in certain jurisdictions as well as the incremental tax benefit associated with the Tax Act.

Income taxes receivable were \$4,388 and \$4,582 at December 31, 2018 and 2017, respectively, and were included in other current assets on the balance sheet. Income taxes payable were \$10,045 and \$3,810 at December 31, 2018 and 2017, respectively, and were included in accrued and other liabilities on the balance sheet. It is the Company's policy to classify interest and penalties arising in connection with unrecognized tax benefits as a component of income tax expense.

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11. Income Taxes – (continued)

The tax effects of significant temporary differences representing deferred tax assets and liabilities at December 31, were as follows:

	2018	2017
Deferred tax assets:		
Capital assets and other	\$ 905	\$ 5,059
Net operating loss carry forwards	70,646	49,318
Interest deductions	8,911	2,026
Refinancing charge	2,926	5,578
Goodwill and intangibles	123,504	129,455
Stock compensation	2,101	1,208
Pension plan	3,872	4,165
Unrealized foreign exchange	14,645	8,653
Capital loss carry forwards	11,827	11,450
Accounting reserves	8,280	412
Gross deferred tax asset	247,617	217,324
Less: valuation allowance	(68,479)	(19,032)
Net deferred tax assets	179,138	198,292
Deferred tax liabilities:		
Goodwill amortization	(91,726)	(89,727)
Total deferred tax liabilities	(91,726)	(89,727)
Net deferred tax asset (liability)	\$ 87,412	\$108,565
Disclosed as:		
Deferred tax assets	\$ 92,741	\$115,325
Deferred tax liabilities	(5,329)	(6,760)
	\$ 87,412	\$108,565

The Company has U.S. federal net operating loss carry forwards of \$68,325 and non-U.S. net operating loss carry forwards of \$153,021. These carry forwards expire in years 2017 through 2032. The Company also has total indefinite loss carry forwards of \$122,830. These indefinite loss carry forwards consist of \$33,572 relating to the U.S. and \$89,258 which are related to capital losses from the Canadian operations. In addition, the Company has net operating loss carry forwards for various state taxing jurisdictions of approximately \$118,575.

The Company records a valuation allowance against deferred income tax assets when management believes it is more likely than not that some portion or all of the deferred income tax assets will not be realized. Management evaluates all positive and negative evidence and considers factors such as the reversal of taxable temporary differences, future taxable income, and tax planning strategies. A change to these factors could impact the estimated valuation allowance and income tax expense.

As of December 31, 2017, the Company maintained valuation allowance against foreign net deferred tax assets of \$19,032 as it believed it was more likely than not that some or all of the deferred tax assets would not be realized. This assessment was based on the Company's historical losses and uncertainties as to the amount of future taxable income.

As of December 31, 2018, the Company evaluated positive and negative evidence in determining the likelihood that it will be able to realize all or some portion of its deferred tax assets prior to their expiration. As of December 31, 2018, the Company's Canadian three-year cumulative pre-tax income declined compared

MDC PARTNERS INC.
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11. Income Taxes – (continued)

to the period ended December 31, 2017 and the Company recorded a valuation allowance of \$49,447. The related effect on the accompanying consolidated statements of operations and comprehensive income or loss resulted in the Company recording a U.S. income tax expense of \$49,447 for the year ended December 31, 2018.

The Company is permanently reinvested with respect to its foreign earnings in certain jurisdictions, and no deferred taxes have been recorded related to such earnings as the determination of the amount is not practicable. The Company currently does not intend to distribute previously taxed income under the Tax Act. Upon distribution in the future, the Company may incur state and foreign withholding taxes on such income, the amount of which is not practicable to compute.

As of December 31, 2018 and 2017, the Company recorded a liability for unrecognized tax benefits as well as applicable penalties and interest in the amount of \$973 and \$1,556, respectively. As of December 31, 2018 and 2017, accrued penalties and interest included in unrecognized tax benefits were approximately \$87 and \$123, respectively. The Company identified an uncertainty relating to the future tax deductibility of certain intercompany fees. To the extent that such future benefit will be established, the resolution of this position will have no effect with respect to the consolidated financial statements. If these unrecognized tax benefits were to be recognized, it would affect the Company's effective tax rate.

	<u>2018</u>	<u>2017</u>	<u>2016</u>
A reconciliation of the change in unrecognized tax benefits is as follows:			
Unrecognized tax benefit – Beginning Balance	\$1,433	\$1,465	\$ 3,605
Current year positions	—	489	—
Prior period positions	7	(436)	(134)
Settlements	(314)	—	(1,374)
Lapse of statute of limitations	(239)	(85)	(632)
Unrecognized tax benefits – Ending Balance	<u>\$ 887</u>	<u>\$1,433</u>	<u>\$ 1,465</u>

It is reasonably possible that the amount of unrecognized tax benefits could decrease by a range of \$400 to \$500 in the next twelve months as a result of expiration of certain statute of limitations.

The Company is subject to taxation and files income tax returns in the U.S. federal jurisdiction and in many state and foreign jurisdictions. The U.S. Internal Revenue Service (“IRS”) concluded its review of the 2013 tax year and all years prior to 2015 are closed. The statute of limitations has also expired in non-U.S. jurisdictions through 2013.

12. Debt

As of December 31, the Company's indebtedness was comprised as follows:

	<u>2018</u>	<u>2017</u>
Revolving credit agreement	\$ 68,143	\$ —
6.50% Notes due 2024	900,000	900,000
Debt issuance costs	(14,036)	(17,587)
	<u>954,107</u>	<u>882,413</u>
Obligations under capital leases	478	706
	<u>954,585</u>	<u>883,119</u>
Less: Current portion of long-term debt	(356)	(313)
	<u>\$954,229</u>	<u>\$882,806</u>

MDC PARTNERS INC.
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12. Debt – (continued)

Interest expense related to long-term debt for the years ended December 31, 2018, 2017, and 2016 was \$64,420, \$62,001 and \$56,468, respectively. For the twelve months ended December 31, 2016, the Company recorded a charge for the loss on redemption of the 6.75% Notes of \$33,298, which included accrued interest, related premiums, fees and expenses, write offs of unamortized original issue premium, and unamortized debt issuance costs. For the year ended December 31, 2016, interest expense included income of \$312, related to the amortization of the original issue premium. For the years ended December 31, 2018, 2017, and 2016, interest expense included \$87, \$100 and \$255, respectively, of present value adjustments for fixed deferred acquisition payments.

The amortization of deferred finance costs included in interest expense were \$3,193, \$3,022 and \$3,022 for the years ended December 31, 2018, 2017, and 2016, respectively.

6.50% Notes

On March 23, 2016, MDC entered into an indenture (the “Indenture”) among MDC, its existing and future restricted subsidiaries that guarantee, are co-borrowers under or grant liens to secure, the Credit Agreement, as guarantors (the “Guarantors”) and The Bank of New York Mellon, as trustee, relating to the issuance by MDC of \$900,000 aggregate principal amount of the senior unsecured notes due 2024 (the “6.50% Notes”). The 6.50% Notes were sold in a private placement in reliance on exceptions from registration under the Securities Act of 1933. The 6.50% Notes bear interest payable semiannually in arrears on May 1 and November 1, at a rate of 6.50% per annum. The 6.50% Notes mature on May 1, 2024, unless earlier redeemed or repurchased.

The 6.50% Notes are guaranteed on a senior unsecured basis by all of MDC’s existing and future restricted subsidiaries that guarantee, are co-borrowers under, or grant liens to secure, the Credit Agreement. The 6.50% Notes are unsecured and unsubordinated obligations of MDC and rank (i) equally in right of payment with all of MDC’s or any Guarantor’s existing and future senior indebtedness, (ii) senior in right of payment to MDC’s or any Guarantor’s existing and future subordinated indebtedness, (iii) effectively subordinated to all of MDC’s or any Guarantor’s existing and future secured indebtedness to the extent of the collateral securing such indebtedness, including the Credit Agreement, and (iv) structurally subordinated to all existing and future liabilities of MDC’s subsidiaries that are not Guarantors.

MDC may, at its option, redeem the 6.50% Notes in whole at any time or in part from time to time, on and after May 1, 2019, at varying prices based on the timing of the redemption.

If MDC experiences certain kinds of changes of control (as defined in the Indenture), holders of the 6.50% Notes may require MDC to repurchase any 6.50% Notes held by them at a price equal to 101% of the principal amount of the 6.50% Notes plus accrued and unpaid interest. In addition, if MDC sells assets under certain circumstances, it must apply the proceeds from such sale and offer to repurchase the 6.50% Notes at a price equal to 100% of the principal amount plus accrued and unpaid interest.

The Indenture includes covenants that, among other things, restrict MDC’s ability and the ability of its restricted subsidiaries (as defined in the Indenture) to incur or guarantee additional indebtedness; pay dividends on or redeem or repurchase the capital stock of MDC; make certain types of investments; create restrictions on the payment of dividends or other amounts from MDC’s restricted subsidiaries; sell assets; enter into transactions with affiliates; create liens; enter into sale and leaseback transactions; and consolidate or merge with or into, or sell substantially all of MDC’s assets to, another person. These covenants are subject to a number of important limitations and exceptions. The 6.50% Notes are also subject to customary events of default, including a cross-payment default and cross-acceleration provision. The Company was in compliance with all covenants at December 31, 2018.

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NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
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12. Debt – (continued)

Redemption of 6.75% Notes

On March 23, 2016, the Company redeemed the 6.75% Notes in whole at a redemption price of 103.375% of the principal amount thereof with the proceeds from the issuance of the 6.50% Notes.

Credit Agreement

On May 3, 2016 MDC, Maxxcom Inc. (a subsidiary of MDC) and each of their subsidiaries party thereto entered into a second amended and restated, \$325,000 senior secured revolving credit agreement due May 3, 2021 (as amended, the “Credit Agreement”) with Wells Fargo Capital Finance, LLC, as agent, and the lenders from time to time party thereto. Advances under the Credit Agreement are to be used for working capital and general corporate purposes, in each case pursuant to the terms of the Credit Agreement. Capitalized terms used in this section and not otherwise defined have the meanings set forth in the Credit Agreement.

Advances under the Credit Agreement bear interest as follows: (a)(i) LIBOR Rate Loans bear interest at the LIBOR Rate and (ii) Base Rate Loans bear interest at the Base Rate, plus (b) an applicable margin. The initial applicable margin for borrowing is 0.75% in the case of Base Rate Loans and 1.50% in the case of LIBOR Rate Loans. In addition to paying interest on outstanding principal under the Credit Agreement, MDC is required to pay an unused revolver fee to lenders under the Credit Agreement in respect of unused commitments thereunder.

The Credit Agreement, which includes financial and non-financial covenants, is guaranteed by substantially all of MDC’s present and future subsidiaries, other than immaterial subsidiaries, subject to customary exceptions and collateralized by a portion of MDC’s outstanding receivable balance. The Credit Agreement includes covenants that, among other things, restrict MDC’s ability and the ability of its subsidiaries to incur or guarantee additional indebtedness; pay dividends on or redeem or repurchase the capital stock of MDC; make certain types of investments; impose limitations on dividends or other amounts from MDC’s subsidiaries; incur certain liens, sell or otherwise dispose of certain assets; enter into transactions with affiliates; enter into sale and leaseback transactions; and consolidate or merge with or into, or sell substantially all of MDC’s assets to, another person. These covenants are subject to a number of important limitations and exceptions. The Company is currently in compliance with all of the terms and conditions of its Credit Agreement, and management believes, based on its current financial projections, that the Company will be in compliance with the covenants over the next twelve months.

Amendment to Credit Agreement

On March 12, 2019 (the “Amendment Effective Date”), the Company, Maxxcom Inc. (a subsidiary of the Company) (“Maxxcom”) and each of their subsidiaries party thereto entered into an amendment (the “Amendment”) to the existing senior secured revolving credit facility, dated as of May 3, 2016 (as amended, the “Credit Agreement”), among the Company, Maxxcom Inc., a Delaware corporation, each of their subsidiaries party thereto, Wells Fargo Capital Finance, LLC, as agent (“Wells Fargo”), and the lenders from time to time party thereto.

The Amendment provides financial covenant relief by increasing the total leverage ratio applicable on each testing date after the Amendment Effective Date through the period ending December 31, 2020 from 5.5:1.0 to 6.25:1.0. The total leverage ratio applicable on each testing date after December 31, 2020 will revert to 5.5:1.0.

In addition, the Company is permitted to apply a portion of the net cash proceeds of the Kingsdale Sale to the prepayment, redemption, defeasement, purchase or other acquisition of the Company’s senior unsecured debt.

In connection with the Amendment, the Company reduced the aggregate maximum amount of revolving commitments provided by the lenders under the Credit Agreement to \$250.0 million from \$325.0 million.

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12. Debt – (continued)

At December 31, 2018, the Company had issued \$4,701 of undrawn letters of credit.

At December 31, 2018 and 2017, accounts payable included \$40,271 and \$41,989, respectively, of outstanding checks.

Future Principal Repayments

Future principal repayments, including capital lease obligations, for the years ended December 31, and in aggregate, are as follows:

<u>Period</u>	<u>Amount</u>
2019	\$ 356
2020	101
2021	68,164
2022	—
2023	—
2024 and thereafter	900,000
	<u>\$968,621</u>

Capital Leases

Future minimum capital lease payments for the years ended December 31 and in aggregate, are as follows:

<u>Period</u>	<u>Amount</u>
2019	\$ 356
2020	101
2021	21
2022	—
2023	—
2024 and thereafter	—
	<u>478</u>
Less: imputed interest	<u>(42)</u>
	436
Less: current portion	<u>(356)</u>
	<u>\$ 80</u>

Capital lease obligations at December 31 were:

	<u>2018</u>	<u>2017</u>
Current	\$356	\$313
Long-term	122	393
	<u>\$478</u>	<u>\$706</u>

13. Share Capital

As of December 31, 2018, we changed the presentation of our Consolidated Statements of Shareholders' Deficit to combine the amounts in common shares and charges in excess of capital to present a combined "Common stock and other paid-in capital" as SEC Regulation S-X allows for this presentation. As such, we reclassified the prior year balances as of December 31, 2017 and 2016 to conform with the current period presentation.

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13. Share Capital – (continued)

Authorized Share Capital

The authorized share capital of the Company is as follows:

Series 4 Convertible Preference Shares

See Note 14 of the Notes to the Consolidated Financial Statements included herein for additional information.

Class A Shares

An unlimited number of subordinate voting shares, carrying one vote each, with a par value of \$0, entitled to dividends equal to or greater than Class B shares, convertible at the option of the holder into one Class B share for each Class A share after the occurrence of certain events related to an offer to purchase all Class B shares. There is an unlimited number of Class A shares authorized, 57,517,568 and 56,371,376 Class A shares are issued and outstanding as of December 31, 2018, and 2017, respectively.

Class B Shares

An unlimited number, carrying 20 votes each, with a par value of \$0, convertible at any time at the option of the holder into one Class A share for each Class B share. There is an unlimited number of Class B shares authorized, 3,755 Class B shares are issued and outstanding as of December 31, 2018, and 2017, respectively.

Employee Stock Incentive Plan

As of December 31, 2018, a total of 15,650,000 shares have been authorized under our employee stock incentive plan.

The following table summarizes information about financial performance based and time based restricted stock and restricted stock unit awards:

	Performance Based Awards		Time Based Awards	
	Shares	Weighted Average Grant Date Fair Value	Shares	Weighted Average Grant Date Fair Value
Balance at December 31, 2017	—	\$ —	785,085	\$11.94
Granted	503,321	9.17	156,440	7.38
Vested	(4,444)	10.30	(239,085)	14.99
Forfeited	(45,965)	9.29	(75,500)	9.75
Balance at December 31, 2018	<u>452,912</u>	<u>\$ 9.15</u>	<u>626,940</u>	<u>\$ 9.83</u>

Time-based awards granted in the twelve months ended December 31, 2017 had a weighted average grant date fair value of \$8.98. No performance based awards were granted in 2017. Performance based and time based awards granted in the twelve months ended December 31, 2016 had a weighted average grant date fair value of \$14.00 and \$12.53, respectively. The vesting of the performance based awards is contingent upon the Company meeting a cumulative three year earnings target and continued employment through the vesting date. Once the Company defines the earnings target, the grant date is established and the Company will record the compensation expense over the vesting period. The term of the time based awards is generally three years with vesting up to generally three years. The vesting period of the time-based awards is generally commensurate with the requisite service period.

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13. Share Capital – (continued)

The total fair value of restricted stock and restricted stock unit awards, which vested during the years ended December 31, 2018, 2017 and 2016 was \$3,583, \$7,316 and \$6,272, respectively. At December 31, 2018, the weighted average remaining contractual life for time based and performance based awards was 1.98 and less than a year, respectively.

At December 31, 2018, the unrecognized compensation expense for performance based awards was \$260 to be recognized over a weighted average period of less than a year. At December 31, 2018, the unrecognized compensation expense for time based awards was \$2,325 to be recognized over a weighted average period of 1.98 years.

The following table summarizes information about share option awards:

	Share Option Awards		
	Shares	Weighted Average Grant Date Fair Value	Weighted Average Exercise Price
Balance at December 31, 2017	—	\$ —	\$ —
Granted	111,866	2.23	4.85
Vested	—	—	—
Forfeited	—	—	—
Exercised	—	—	—
Balance at December 31, 2018	<u>111,866</u>	<u>\$2.23</u>	<u>\$4.85</u>

We use the Black-Scholes option-pricing model to estimate the fair value of options granted. The grant date fair value of the options granted in 2018 was determined to be \$2.23. The assumptions for the model were as follows: expected life of 4.9 years, risk free interest rate of 2.9%, expected volatility of 52.9% and dividend yield of 0%. Options granted in 2018 vest in three years. The vesting period of these awards is generally commensurate with the requisite service period. At December 31, 2018, the weighted average remaining contractual life for these awards was 3 years.

No options were exercised during 2018. The intrinsic value of options exercised during 2017 and 2016, was \$125 and \$471, respectively. The aggregate intrinsic value of options outstanding as of December 31, 2018 is nil. As of December 31, 2018, no options were exercisable. No options were granted in 2017 or 2016.

At December 31, 2018, the unrecognized compensation expense for these awards was \$225 to be recognized over a weighted average period of 3 years. The cash received from the stock options exercised in 2017 and 2016 was nil and nil.

The following table summarizes information about stock appreciation rights (“SAR”) awards:

	SAR Awards		
	Shares	Weighted Average Grant Date Fair Value	Weighted Average Exercise Price
Balance at December 31, 2017	327,500	\$2.35	\$6.60
Granted	—	—	—
Vested	—	—	—
Forfeited	(76,700)	2.35	6.60
Exercised	—	—	—
Balance at December 31, 2018	<u>250,800</u>	<u>\$2.35</u>	<u>\$6.60</u>

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13. Share Capital – (continued)

We use the Black-Scholes option-pricing model to estimate the fair value of the SAR awards. The assumptions for the model were as follows: expected life of 4 years, risk free interest rate of 1.7%, expected volatility of 46.2% and dividend yield of 0%. SAR awards granted in 2017 vest on the third anniversary of the grant date, and have a grant date fair value of \$2.35. The vesting period of awards granted is generally commensurate with the requisite service period. At December 31, 2018, the weighted average remaining contractual life for these awards was 1.08 years.

No SAR awards were granted in 2016. As of December 31, 2018, no SAR awards were exercisable. As of December 31, 2018, there were no SAR awards that were vested. The aggregate intrinsic value of the SAR awards outstanding as of December 31, 2018 is nil.

At December 31, 2018, the unrecognized compensation expense for these awards was \$213 to be recognized over a weighted average period of 1.08 years.

For the years ended December 31, 2018, 2017 and 2016, \$5,892, \$5,335, and \$5,808 was recognized in stock compensation related to all stock compensation awards, respectively. The related income tax benefit for the years ended December 31, 2018, 2017 and 2016 was \$472, \$1,401, and \$2,030, respectively.

14. Convertible Preference Shares

On March 7, 2017 (the “Issue Date”), the Company issued 95,000 newly created Preference Shares to affiliates of The Goldman Sachs Group, Inc. (collectively, the “Purchaser”) pursuant to a \$95,000 private placement. The Company received proceeds of approximately \$90,123, net of fees and estimated expenses, which were primarily used to pay down existing debt under the Company’s credit facility and for general corporate purposes. Except as required by law, the Preference Shares do not have voting rights, and are not redeemable at the option of the Purchaser.

The holders of the Preference Shares have the right to convert their Preference Shares in whole at any time and from time to time, and in part at any time and from time to time after the ninetieth day following the original issuance date of the Preference Shares, into a number of Class A Shares equal to the then-applicable liquidation preference divided by the applicable conversion price at such time (the “Conversion Price”). The initial liquidation per share preference of each Preference Share is \$1,000. The initial Conversion Price is \$10.00 per Preference Share, subject to customary adjustments for share splits and combinations, dividends, recapitalizations and other matters, including weighted average anti-dilution protection for certain issuances of equity or equity-linked securities. In connection with the anti-dilution protection provision associated with the issuance of equity securities on March 14, 2019 (see Note 23), the Conversion Price has been reduced to \$7.42 from \$10.00 per Preference Share.

The Preference Shares’ liquidation preference accretes at 8.0% per annum, compounded quarterly until the five-year anniversary of the Issue Date. For the twelve months ended 2018 and 2017, the Preference Shares accreted at a monthly rate of approximately \$7.55 and \$6.97 per Preference Share, for total accretion of \$8,355 and \$6,352, respectively, bringing the aggregate liquidation preference to \$109,707 as of December 31, 2018. The accretion is considered in the calculation of net income (loss) attributable to MDC Partners Inc. common shareholders.

Holders of the Preference Shares are entitled to dividends in an amount equal to any dividends that would otherwise have been payable on the Class A Shares issued upon conversion of the Preference Shares. The Preference Shares are convertible at the Company’s option (i) on and after the two-year anniversary of the Issue Date, if the closing trading price of the Class A Shares over a specified period prior to conversion is at least 125% of the Conversion Price or (ii) after the fifth anniversary of the Issue Date, if the closing trading price of the Class A Shares over a specified period prior to conversion is at least equal to the Conversion Price.

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14. Convertible Preference Shares – (continued)

Following certain change in control transactions of the Company in which holders of Preference Shares are not entitled to receive cash or qualifying listed securities with a value at least equal to the liquidation preference plus accrued and unpaid dividends, (i) holders will be entitled to cash dividends on the liquidation preference at an increasing rate (beginning at 7%), and (ii) the Company will have a right to redeem the Preference Shares for cash at the greater of their liquidation preference plus accrued and unpaid dividends or their as-converted value.

15. Fair Value Measurements

A fair value measurement assumes a transaction to sell an asset or transfer a liability occurs in the principal market for the asset or liability or, in the absence of a principal market, the most advantageous market for the asset or liability.

In determining fair value, the Company utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible as well as considers counterparty credit risk in its assessment of fair value. The hierarchy for observable inputs and unobservable inputs used to measure fair value into three broad levels are described below:

- Level 1 — Quoted prices (unadjusted) in active markets that are accessible at the measurement date for assets or liabilities. The fair value hierarchy gives the highest priority to Level 1 inputs.
- Level 2 — Observable prices that are based on inputs not quoted on active markets, but corroborated by market data.
- Level 3 — Unobservable inputs are used when little or no market data is available. The fair value hierarchy gives the lowest priority to Level 3 inputs.

Financial Liabilities that are not Measured at Fair Value on a Recurring Basis

The following table presents certain information for our financial liability that is measured at fair value on a recurring basis at December 31:

	2018		2017	
	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Liabilities:				
6.50% Senior Notes due 2024	\$900,000	\$834,750	\$900,000	\$904,500

Our long-term debt includes fixed rate debt. The fair value of this instrument is based on quoted market prices in markets that are not active. Therefore, this debt is classified as Level 2 within the fair value hierarchy.

Financial Liabilities Measured at Fair Value on a Recurring Basis

Contingent deferred acquisition consideration are recorded at the acquisition date fair value and adjusted at each reporting period. The estimated liability is determined in accordance with various contractual valuation formulas that may be dependent upon future events, such as the growth rate of the earnings of the relevant subsidiary during the contractual period and, in some cases, the currency exchange rate as of the date of payment (Level 3). See Note 6 of the Notes to the Consolidated Financial Statements for additional information regarding contingent deferred acquisition consideration.

At December 31, 2018 and 2017, the carrying amount of the Company’s financial instruments, including cash and cash equivalents, accounts receivable and accounts payable, approximated fair value because of their short-term maturity.

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15. Fair Value Measurements – (continued)

Non-financial Assets and Liabilities that are Measured at Fair Value on a Nonrecurring Basis

Certain non-financial assets are measured at fair value on a nonrecurring basis, primarily goodwill and intangible assets. Accordingly, these assets are not measured and adjusted to fair value on an ongoing basis but are subject to periodic evaluations for potential impairment. See Note 2 and 10 of the Notes to the Consolidated Financial Statements for information related to the measurement of the fair value of goodwill (a Level 3 fair value assessment).

16. Segment Information

The Company determines an operating segment if a component (i) engages in business activities from which it earns revenues and incurs expenses, (ii) has discrete financial information, and is (iii) regularly reviewed by the Chief Operating Decision Maker (“CODM”) to make decisions regarding resource allocation for the segment and assess its performance. Effective January 1, 2019, the Executive Committee assumed the role and responsibilities of the Chief Executive Officer until the appointment of a successor which occurred on March 18, 2019. See Note 1 of the Notes to the Consolidated Financial Statements included herein for additional information. Once operating segments are identified, the Company performs an analysis to determine if aggregation of operating segments is applicable. This determination is based upon a quantitative analysis of the expected and historic average long-term profitability for each operating segment, together with a qualitative assessment to determine if operating segments have similar operating characteristics.

Due to changes in the Company’s internal management and reporting structure during 2018, reportable segment results for 2017 and prior periods presented have been recast to reflect the reclassification of certain businesses between segments. The changes were as follows:

- Source Marketing, previously within the All Other category, was included within the Doner operating segment, which is aggregated into the Global Integrated Agencies reportable segment;
- Yamamoto, previously within the All Other category, was operationally merged with Civilian and is now included within the Domestic Creative Agencies reportable segment;
- Bruce Mau Design, Hello Design and Northstar Research Partners, previously within the All Other category, and Varick Media Management, previously within the Media Services reportable segment, were included into a newly-formed operating segment, Yes & Company, which is aggregated within the Media Services reportable segment.

Also in 2018, Forsman & Bodenfors and kbs+, both within the Global Integrated Agencies reportable segment, merged under the Forsman & Bodenfors name.

The four reportable segments that result from applying the aggregation criteria are as follows: “Global Integrated Agencies”; “Domestic Creative Agencies”; “Specialist Communications”; and “Media Services.” In addition, the Company combines and discloses those operating segments that do not meet the aggregation criteria as “All Other.” The Company also reports corporate expenses, as further detailed below, as “Corporate.”

- The **Global Integrated Agencies** reportable segment is comprised of the Company’s five global, integrated operating segments (72andSunny, Anomaly, Crispin Porter Bogusky, Doner and Forsman & Bodenfors) serving multinational clients around the world. These operating segments share similar characteristics related to (i) the nature of their services; (ii) the type of global clients and the methods used to provide services; and (iii) the extent to which they may be impacted by global economic and geopolitical risks. In addition, these operating segments compete with each other for new business and from time to time have business move between them. The Company believes the historic and expected average long-term profitability is similar among the operating segments aggregated in the Global Integrated Agencies reportable segment.

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16. Segment Information – (continued)

The operating segments within the Global Integrated Agencies reportable segment provides a range of different services for its clients, including strategy, creative and production for advertising campaigns across a variety of platforms (print, digital, social media, television broadcast).

- The **Domestic Creative Agencies** reportable segment is comprised of five operating segments that are national advertising agencies (Colle + McVoy, Laird + Partners, Mono Advertising, Union and Yamamoto) leveraging creative capabilities at their core. These operating segments share similar characteristics related to (i) the nature of their services; (ii) the type of domestic client accounts and the methods used to provide services; and (iii) the extent to which they may be impacted by domestic economic and policy factors within North America. In addition, these operating segments compete with each other for new business and from time to time have business move between them. The Company believes the historic and expected average long-term profitability is similar among the operating segments aggregated in the Domestic Creative Agencies reportable segment.

The operating segments within the Domestic Creative Agencies reportable segment provide similar services as the Global Integrated Agencies.

- The **Specialist Communications** reportable segment is comprised of five operating segments that are each communications agencies (Allison & Partners, HL Group Partners, Hunter PR, KWT Global (formerly Kwittken), and Veritas) with core service offerings in public relations and related communications services. These operating segments share similar characteristics related to (i) the nature of their services; (ii) the type of client accounts and the methods used to provide services; (iii) the extent to which they may be impacted by domestic economic and policy factors within North America; and (iv) the regulatory environment regarding public relations and social media. In addition, these operating segments compete with each other for new business and from time to time have business move between them. The Company believes the historic and expected average long-term profitability is similar among the operating segments aggregated in the Specialist Communications reportable segment.

The operating segments within the Specialist Communications reportable segment provide public relations and communications services including strategy, editorial, crisis support or issues management, media training, influencer engagement, and events management.

- The **Media Services** reportable segment is comprised of two operating segments (MDC Media Partners and Yes & Company). These operating segments perform media buying and planning as their core competency across a range of platforms (out-of-home, paid search, social media, lead generation, programmatic, television broadcast).
- **All Other** consists of the Company's remaining operating segments that provide a range of diverse marketing communication services, but generally do not have similar services offerings or financial characteristics as those aggregated in the reportable segments. The All Other category includes 6Degrees Communications, Concentric Partners, Gale Partners, Kenna, Kingsdale, Instrument, Redscout, Relevent, Team, Vitro, and Y Media Labs. The nature of the specialist services provided by these operating segments vary among each other and from those operating segments aggregated into the reportable segments. This results in these operating segments having current and long-term performance expectations inconsistent with those operating segments aggregated in the reportable segments. The operating segments within All Other provide a range of diverse marketing communication services, including application and website design and development, data and analytics, experiential marketing, customer research management, creative services, and branding.
- **Corporate** consists of corporate office expenses incurred in connection with the strategic resources provided to the operating segments, as well as certain other centrally managed expenses that are not fully allocated to the operating segments. These office and general expenses include (i) salaries and

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16. Segment Information – (continued)

related expenses for corporate office employees, including employees dedicated to supporting the operating segments, (ii) occupancy expenses relating to properties occupied by all corporate office employees, (iii) other office and general expenses including professional fees for the financial statement audits and other public company costs, and (iv) certain other professional fees managed by the corporate office. Additional expenses managed by the corporate office that are directly related to the operating segments are allocated to the appropriate reportable segment and the All Other category.

	<u>Years Ended December 31,</u>		
	<u>2018</u>	<u>2017</u>	<u>2016</u>
Revenue:			
Global Integrated Agencies	\$ 698,872	\$ 797,347	\$ 712,793
Domestic Creative Agencies	102,063	104,417	97,199
Specialist Communications	179,065	172,565	170,285
Media Services	140,753	166,216	157,696
All Other	355,450	273,234	247,812
Total	<u>\$1,476,203</u>	<u>\$1,513,779</u>	<u>\$1,385,785</u>
Segment operating income (loss):			
Global Integrated Agencies	\$ 44,868	\$ 71,857	\$ 59,193
Domestic Creative Agencies	18,552	19,333	18,089
Specialist Communications	18,629	20,728	1,940
Media Services	(51,196)	13,126	5,554
All Other	34,000	47,771	7,773
Corporate	(55,157)	(40,856)	(44,118)
Total	<u>\$ 9,696</u>	<u>\$ 131,959</u>	<u>\$ 48,431</u>
Other Income (Expense):			
Interest expense and finance charges, net	(67,075)	(64,364)	(65,050)
Foreign exchange transaction gain (loss)	(23,258)	18,137	(213)
Loss on redemption of Notes	—	—	(33,298)
Other, net	230	1,346	414
Income (loss) before income taxes and equity in earnings (losses) of non-consolidated affiliates	(80,407)	87,078	(49,716)
Income tax expense (benefit)	31,603	(168,064)	(9,404)
Income (loss) before equity in earnings (losses) of non-consolidated affiliates	(112,010)	255,142	(40,312)
Equity in earnings (losses) of non-consolidated affiliates	62	2,081	(309)
Net income (loss)	(111,948)	257,223	(40,621)
Net income attributable to the noncontrolling interest	(11,785)	(15,375)	(5,218)
Net income (loss) attributable to MDC Partners Inc.	<u>\$ (123,733)</u>	<u>\$ 241,848</u>	<u>\$ (45,839)</u>

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16. Segment Information – (continued)

	Years Ended December 31,		
	2018	2017	2016
Depreciation and amortization:			
Global Integrated Agencies	\$23,571	\$23,831	\$21,555
Domestic Creative Agencies	1,583	1,582	1,811
Specialist Communications	4,252	4,714	6,637
Media Services	3,119	4,052	6,091
All Other	12,909	8,197	8,768
Corporate	762	1,098	1,584
Total	<u>\$46,196</u>	<u>\$43,474</u>	<u>\$46,446</u>
Stock-based compensation:			
Global Integrated Agencies	\$ 8,521	\$15,225	\$12,177
Domestic Creative Agencies	1,100	887	651
Specialist Communications	714	2,954	3,629
Media Services	318	656	318
All Other	3,104	2,494	1,703
Corporate	4,659	2,134	2,525
Total	<u>\$18,416</u>	<u>\$24,350</u>	<u>\$21,003</u>
Capital expenditures:			
Global Integrated Agencies	\$10,088	\$20,760	\$16,486
Domestic Creative Agencies	951	1,168	1,153
Specialist Communications	3,618	1,288	2,741
Media Services	966	3,842	5,266
All Other	4,574	5,877	3,753
Corporate	67	23	33
Total	<u>\$20,264</u>	<u>\$32,958</u>	<u>\$29,432</u>

A summary of the Company's long-lived assets, comprised of fixed assets, goodwill and intangibles, net, by geographic region at December 31, is set forth in the following table.

	United States	Canada	Other	Total
Long-lived Assets				
2018	\$ 76,781	\$ 4,779	\$ 6,629	\$ 88,189
2017	\$ 77,163	\$ 5,638	\$ 7,505	\$ 90,306
Goodwill and Intangible Assets				
2018	\$679,344	\$ 61,748	\$67,628	\$808,720
2017	\$706,241	\$127,014	\$73,285	\$906,540

The Company's CODM does not use segment assets to allocate resources or to assess performance of the segments and therefore, total segment assets have not been disclosed.

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16. Segment Information – (continued)

A summary of the Company’s revenue by geographic region at December 31 is set forth in the following table.

	<u>United States</u>	<u>Canada</u>	<u>Other</u>	<u>Total</u>
Revenue:				
2018	\$1,153,192	\$124,000	\$199,011	\$1,476,203
2017	\$1,172,364	\$123,092	\$218,323	\$1,513,779
2016	\$1,103,714	\$124,101	\$157,970	\$1,385,785

17. Related Party Transaction

Scott L. Kauffman is Chairman of the Company’s Board of Directors, and is the former Chief Executive Officer of the Company. His daughter, Sarah Kauffman, has been employed by Partner Firm Forsman & Bodenfors since July 2011, and currently acts as Director of Operations, Attention Partners. In 2018 and 2017, her total compensation, including salary, bonus and other benefits, totaled approximately \$172 and \$155, respectively. Her compensation is commensurate with that of her peers.

18. Commitments, Contingencies and Guarantees

Legal Proceedings. The Company’s operating entities are involved in legal proceedings of various types. While any litigation contains an element of uncertainty, the Company has no reason to believe that the outcome of such proceedings or claims will have a material adverse effect on the financial condition or results of operations of the Company.

Dismissal of Class Action Litigation. On August 7, 2015, Roberto Paniccia issued a Statement of Claim in the Ontario Superior Court of Justice in the City of Brantford, Ontario seeking to certify a class action suit naming the following as defendants: MDC, former CEO Miles S. Nadal, former CAO Michael C. Sabatino, CFO David Doft and BDO U.S.A. LLP. The Plaintiff alleged violations of section 138.1 of the Ontario Securities Act (and equivalent legislation in other Canadian provinces and territories) as well as common law misrepresentation based on allegedly materially false and misleading statements in the Company’s public statements, as well as omitting to disclose material facts with respect to the SEC investigation. On June 4, 2018, the Court dismissed (with costs) the putative class members’ motion for leave to proceed with the Plaintiff’s claims for misrepresentations of material facts pursuant to the Ontario Securities Act. Following the Court’s decision, on June 18, 2018, the Plaintiff, MDC and each of the other defendants consented to the dismissal of the action with prejudice (and without costs). In July 2018, the Court entered a final order approving the dismissal of this claim.

Closing of Antitrust Investigation. In 2016, one of the Company’s subsidiary agencies received a subpoena from the U.S. Department of Justice Antitrust Division (the “DOJ”) concerning the DOJ’s ongoing investigation of production bidding practices in the advertising industry. The Company and its subsidiary fully cooperated with this confidential investigation. By letter dated November 5, 2018 (received by the Company’s counsel on November 12, 2018), the DOJ confirmed that the foregoing investigation had been closed. The DOJ did not bring any charges against the Company, its subsidiary or any of their respective employees.

Deferred Acquisition Consideration and Option to Purchase. See Note 6 of the Notes to the Consolidated Financial Statements included herein for additional information regarding potential payments associated with deferred acquisition consideration and Note 8 for the acquisition of noncontrolling shareholders’ ownership interest in subsidiaries.

Natural Disasters. Certain of the Company’s operations are located in regions of the United States which typically are subject to hurricanes. During the twelve months ended December 31, 2018 and 2017, these operations did not incur any material costs related to damages resulting from hurricanes.

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18. Commitments, Contingencies and Guarantees – (continued)

Guarantees. Generally, the Company has indemnified the purchasers of certain assets in the event that a third party asserts a claim against the purchaser that relates to a liability retained by the Company. These types of indemnification guarantees typically extend for a number of years. Historically, the Company has not made any significant indemnification payments under such agreements and no amount has been accrued in the accompanying consolidated financial statements with respect to these indemnification guarantees. The Company continues to monitor the conditions that are subject to guarantees and indemnifications to identify whether it is probable that a loss has occurred, and would recognize any such losses under any guarantees or indemnifications in the period when these losses are probable and estimable.

Commitments. At December 31, 2018, the Company had \$4,701 of undrawn letters of credit. In addition, the Company has commitments to fund investments in an aggregate amount of \$40.

Leases. The Company and its subsidiaries lease certain facilities and equipment. For the years ended December 31, 2018, 2017, and 2016, gross premises rental expense amounted to \$65,093, \$64,086, and \$56,725, respectively, which was reduced by sublease income of \$3,671, \$2,797, and \$3,027, respectively. Certain of our office facilities' leases contain escalation clauses, lease renewals and lease incentives, including periods of free rent and allowances from landlords to be applied against necessary leasehold improvements.

In circumstances where the exercise of renewal options is reasonably assured at the inception of the lease, the renewal period is included in the determination of the lease term. Where leases contain escalation clauses or other concessions, the impact of such adjustments is recognized on a straight-line basis over the minimum lease period.

Minimum rental commitments for the rental of office and production premises and equipment under non-cancellable leases net of sublease income, some of which provide for rental adjustments due to increased property taxes and operating costs, for the years ending December 31, 2019 and thereafter, are as follows:

<u>Period</u>	<u>Amount</u>
2019	\$ 58,015
2020	55,211
2021	45,974
2022	40,387
2023	38,348
2024 and thereafter	<u>107,975</u>
	<u>\$345,910</u>

At December 31, 2018, the total future cash to be received on sublease income is \$15,930.

19. New Accounting Pronouncements

Adopted In The Current Reporting Period

Effective January 1, 2018, the Company adopted ASC 606. ASC 606 was applied using the modified retrospective method, with the cumulative effect of the initial adoption being recognized as an adjustment to opening retained earnings at January 1, 2018. As a result, comparative prior periods have not been adjusted and continue to be reported under ASC 605.

The following represents changes to the Company's policies resulting from the adoption of ASC 606:

- i. Under the guidance in effect through December 31, 2017, performance incentives were recognized in revenue when specific quantitative goals were achieved, or when the Company's performance against qualitative goals was determined by the client. Under ASC 606, the Company now estimates the amount of the incentive that will be earned at the inception of the contract and recognizes such

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19. New Accounting Pronouncements – (continued)

incentive over the term of the contract. This results in an acceleration of revenue recognition for certain contract incentives compared to ASC 605.

- ii. Under the guidance in effect through December 31, 2017, non-refundable retainer fees were generally recognized on a straight-line basis over the term of the specific customer arrangement. Under ASC 606, an input method is typically used to measure progress and recognize revenue for these types of arrangements. This resulted in both the deferral and acceleration of revenue recognition in certain instances.
- iii. In certain client arrangements, the Company records revenue as a principal and includes within revenue certain third-party-pass-through and out-of-pocket costs, which are billed to clients in connection with the services provided. In other arrangements, the Company acts as an agent and records revenue equal to the net amount retained. The adoption of ASC 606 resulted in certain arrangements previously being accounted for as principal, now being accounted for as agent.

As a result of these changes, the Company recorded a cumulative effect adjustment to increase opening accumulated deficit at January 1, 2018 by \$1,170.

The following table summarizes the impact of adoption of ASC 606 on the Consolidated Statement of Operations during the twelve months ended December 31, 2018:

	Twelve Months Ended December 31, 2018		
	As Reported	Adjustments	Adjusted to Exclude Adoption of ASC 606
Revenue – Services	\$1,476,203	\$ 51,636	\$1,527,839
Costs of services sold	\$ 991,198	\$ 62,358	\$1,053,556
Operating income (loss)	\$ 9,696	\$(10,722)	\$ (1,026)
Net loss attributable to MDC Partners Inc. common shareholders	\$ (132,088)	\$ (6,883)	\$ (138,971)
Loss per common share – basic and diluted	\$ (2.31)	\$ (0.12)	\$ (2.43)

The impact on the Consolidated Balance Sheet and Consolidated Statement of Shareholders' Deficit as of and for the twelve months ended December 31, 2018 was immaterial. There was no effect on the Consolidated Statement of Comprehensive Income (Loss) and the Consolidated Statement of Cash Flows for the twelve months ended December 31, 2018 and 2017.

In March 2018, the FASB issued ASU 2018-05, Income Taxes (Topic 740) — Amendments to SEC Paragraphs Pursuant to SEC Staff Accounting Bulletin No. 119, which provides guidance on the accounting for tax on the global intangible low-taxed income (“GILTI”) provisions of the Tax Cuts and Jobs Act (the “Act”). The GILTI provisions impose a tax on foreign income in excess of a deemed return on tangible assets of foreign corporations. The guidance indicates that either accounting for deferred taxes related to GILTI inclusions or treating any taxes on GILTI inclusions as period cost are both acceptable methods subject to an accounting policy election. The Company has adopted this standard effective January 1, 2018 and has made a policy election to record tax effects of GILTI as an expense in the period incurred. For the twelve months ending December 31, 2018 GILTI resulted in additional income tax expense of \$710. For more information on the adoption of the Act, see Note 11.

In May 2017, the FASB issued Accounting Standards Update (“ASU”) 2017-09, Compensation — Stock Compensation: Scope of Modification Accounting, which provides guidance concerning which changes to the terms or conditions of a share-based payment award require an entity to apply modification accounting in ASC 718. This guidance is effective for annual and interim periods beginning after December 15, 2017. Amendments in this ASU are applied prospectively to any award modified on or after the adoption date. The

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19. New Accounting Pronouncements – (continued)

Company adopted this guidance on January 1, 2018. The impact on the Company's consolidated statement of financial position and results of operations was not material.

In March 2017, the FASB issued ASU 2017-07, Compensation — Retirement Benefits, which requires the presentation of the service cost component of the net periodic pension and postretirement benefits costs in the same line item in the statement of operations as other compensation costs arising from services rendered by the pertinent employees during the period. The other components of the net periodic pension and postretirement benefits costs are required to be presented as non-operating expenses in the statement of operations. This guidance is effective for annual periods beginning after December 15, 2017. The Company adopted this guidance on January 1, 2018. The impact on the Company's consolidated statement of financial position and results of operations was not material.

In November 2016, the FASB issued ASU 2016-18, Statement of Cash Flows (Topic 230) which requires that the Consolidated Statement of Cash Flows present the change during the period in the total cash, cash equivalents and amounts generally described as restricted cash or restricted cash equivalents. We have adopted this amended guidance retrospectively as of the year ended December 31, 2018. The Consolidated Statements of Cash Flows now reflect the inclusion and activity of restricted cash balances of \$3.9 million (classified within Assets held for sale in the Consolidated Balance Sheet), \$4.6 million, and \$5.3 million as of December 31, 2018, 2017, and 2016 respectively.

In August 2016, the FASB issued ASU 2016-15, Statement of Cash Flows. This new guidance is intended to reduce diversity in practice regarding the classification of certain transactions in the statement of cash flows. This guidance is effective January 1, 2018 and requires a retrospective transition method. Prior to the Company's adoption on January 1, 2018, all cash outflows for contingent consideration were classified as a financing activity. Effective January 1, 2018, the Company is now required to classify any cash payments made soon after the acquisition date of a business to settle a contingent consideration liability as cash outflows for investing activities. Cash payments which are not made soon after the acquisition date of a business to settle a contingent consideration liability are separated and classified as cash outflows for financing activities up to the amount of the contingent consideration liability recognized at the acquisition date and as cash outflows from operating activities for any excess. As a result, \$29,141, \$42,790, and \$44,914 of an acquisition-related contingent consideration payment of \$61,313, \$99,873, and \$135,693, which was in excess of the liability initially recognized at the acquisition date, has been classified as a cash outflow within net cash provided by operating activities in the accompanying consolidated statement of cash flows for the twelve months ended December 31, 2018, 2017, and 2016 respectively. There was no impact on the Company's consolidated statement of financial position and results of operations.

In January 2016, the FASB issued ASU 2016-01, Financial Instruments — Overall: Recognition and Measurement of Financial Assets and Liabilities, which will require equity investments, except equity method investments, to be measured at fair value and any changes in fair value will be recognized in results of operations. This guidance is effective for annual and interim periods beginning after December 15, 2017. Additionally, this guidance provides for the recognition of the cumulative effect of retrospective application of the new standard in the period of initial application. The Company adopted this guidance on January 1, 2018. The impact on the Company's consolidated statement of financial position and results of operations was not material.

To be Adopted in Future Reporting Periods

In February 2016, the FASB issued ASU 2016-02, Leases. The new guidance will require lessees to recognize a right-to-use asset and lease liability for most of its leases with a term of more than twelve months, including those classified as operating leases. The new guidance also requires additional quantitative and qualitative disclosures. This guidance will be effective for annual periods beginning after December 15, 2018, with early adoption permitted. The FASB issued ASU No. 2018-10 "Codification Improvements to Topic 842, Leases" and ASU No. 2018-11 "Leases (Topic 842) Targeted Improvements" in

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19. New Accounting Pronouncements – (continued)

July 2018. ASU 2018-10 provides certain amendments that affect narrow aspects of the guidance issued in ASU 2016-02. ASU 2018-11 provides an optional transition method allowing entities to apply the new lease standard at the adoption date with a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption (modified retrospective approach) as opposed to restating prior period consolidated financial statements. The Company elected to adopt the standard on January 1, 2019, which is the date of initial application, using the modified retrospective adoption method. The Company has implemented a new system to support the Company’s financial reporting and disclosure under the new standard and is finalizing its new accounting policies, processes and internal controls. The Company is in the process of quantifying the full impact of the application of the new guidance; however, it expects that the recognition of a right-to-use asset and lease liability for operating leases will have a significant impact on its balance sheet.

20. Employee Benefit Plans

A subsidiary acquired in 2012 sponsors a defined benefit plan. The benefits under the defined benefit plan are based on each employee’s years of service and compensation. Effective February 28, 2007, the plan was closed to all new entrants, and effective February 28, 2010, all benefit accruals under the plan were frozen.

Net Periodic Pension Cost and Pension Benefit Obligation

Net periodic pension cost consists of the following components for the years ended December 31:

	<u>Pension Benefits</u> <u>2018</u>	<u>Pension Benefits</u> <u>2017</u>	<u>Pension Benefits</u> <u>2016</u>
Service cost	\$ —	\$ —	\$ —
Interest cost on benefit obligation	1,641	1,725	1,855
Expected return on plan assets	(1,948)	(1,830)	(1,863)
Curtailement and settlements	1,039	—	929
Amortization of actuarial losses	258	222	137
Net periodic benefit cost	<u>\$ 990</u>	<u>\$ 117</u>	<u>\$ 1,058</u>

The above costs are included within Other income, net on the Consolidated Statements of Operations.

The following weighted average assumptions were used to determine net periodic costs at December 31:

	<u>Pension Benefits</u> <u>2018</u>	<u>Pension Benefits</u> <u>2017</u>	<u>Pension Benefits</u> <u>2016</u>
Discount rate	3.83%	4.32%	4.69%
Expected return on plan assets	7.00%	7.40%	7.40%
Rate of compensation increase	N/A	N/A	N/A

The expected return on plan assets is a long-term assumption established by considering historical and anticipated returns of the asset classes invested in by the pension plan and the allocation strategy currently in place among those classes.

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20. Employee Benefit Plans – (continued)

Other changes in plan assets and benefit obligation recognized in Other Comprehensive Income (Loss) consist of the following components for the years ended December 31:

	<u>Pension Benefits</u>	<u>Pension Benefits</u>
	<u>2018</u>	<u>2017</u>
Current year actuarial (gain) loss	\$(520)	\$1,558
Amortization of actuarial loss	(258)	(222)
Total recognized in other comprehensive (income) loss	<u>\$(778)</u>	<u>\$1,336</u>
Total recognized in net periodic benefit cost and other comprehensive (income) loss	<u>\$ 212</u>	<u>\$1,453</u>

The following table summarizes the change in benefit obligations and fair values of plan assets for the years ended December 31:

	<u>2018</u>	<u>2017</u>
Change in benefit obligation:		
Benefit obligation, Beginning balance	\$43,750	\$40,722
Interest Cost	1,641	1,725
Actuarial losses	(3,522)	3,088
Benefits paid	(3,931)	(1,785)
Benefit obligation, Ending balance	<u>37,938</u>	<u>43,750</u>
Change in plan assets:		
Fair value of plan assets, Beginning balance	27,977	24,482
Actual return on plan assets	(2,093)	3,360
Employer contributions	1,228	1,920
Benefits paid	(3,931)	(1,785)
Fair value of plan assets, Ending balance	<u>23,181</u>	<u>27,977</u>
Unfunded status	<u>\$14,757</u>	<u>\$15,773</u>

Amounts recognized in the balance sheet at December 31 consist of the following:

	<u>Pension Benefits</u>	<u>Pension Benefits</u>
	<u>2018</u>	<u>2017</u>
Non-current liability	<u>\$14,757</u>	<u>\$15,773</u>
Net amount recognized	<u>\$14,757</u>	<u>\$15,773</u>

Amounts recognized in Accumulated Other Comprehensive Loss before income taxes consists of the following components for the years ended December 31:

	<u>Pension Benefits</u>	<u>Pension Benefits</u>
	<u>2018</u>	<u>2017</u>
Accumulated net actuarial losses	<u>\$12,878</u>	<u>\$13,656</u>
Amount recognized	<u>\$12,878</u>	<u>\$13,656</u>

In 2019, the Company estimates that it will recognize \$266 of net actuarial losses from accumulated other comprehensive loss, net into net periodic cost related to the pension plan.

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20. Employee Benefit Plans – (continued)

The following weighted average assumptions were used to determine benefit obligations as of December 31:

	<u>Pension Benefits</u>	<u>Pension Benefits</u>
	<u>2018</u>	<u>2017</u>
Discount rate	4.42%	3.83%
Rate of compensation increase	N/A	N/A

The discount rate assumptions at December 31, 2018 and 2017 were determined independently. A yield curve was produced for a universe containing the majority of U.S.-issued AA-graded corporate bonds, all of which were non-callable (or callable with make-whole provisions). The discount rate was developed as the level equivalent rate that would produce the same present value as that using spot rates aligned with the projected benefit payments.

Fair Value of Plan Assets and Investment Strategy

The fair value of the plan assets as of December 31 is as follows:

	<u>December 31, 2018</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Asset Category:				
Money Market Fund – Short Term Investments	\$ 1,736	\$ 1,736	\$—	\$—
Mutual Funds	21,445	21,445	—	—
Total	<u>\$23,181</u>	<u>\$23,181</u>	<u>\$—</u>	<u>\$—</u>
	<u>December 31, 2017</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Asset Category:				
Money Market Fund – Short Term Investments	\$ 1,695	\$ 1,695	\$—	\$—
Mutual Funds	26,282	26,282	—	—
Total	<u>\$27,977</u>	<u>\$27,977</u>	<u>\$—</u>	<u>\$—</u>

The pension plans weighted-average asset allocation for the years ended December 31, 2018, and 2017 are as follows:

	<u>Target Allocation</u>	<u>Actual Allocation</u>	<u>Actual Allocation</u>
	<u>2018</u>	<u>2018</u>	<u>2017</u>
Asset Category:			
Equity Securities	65.0%	67.0%	68.9%
Debt Securities	30.0%	25.5%	25.0%
Cash/Cash Equivalents and Short Term Investments	5.0%	7.5%	6.1%
	<u>100.0%</u>	<u>100.0%</u>	<u>100.0%</u>

The goals of the pension plan investment program are to fully fund the obligation to pay retirement benefits in accordance with the plan documents and to provide returns that, along with appropriate funding from the Company, maintain an asset/liability ratio that is in compliance with all applicable laws and regulations and assures timely payment of retirement benefits.

Equity securities primarily include investments in large-cap and mid-cap companies primarily located in the United States, as well as a smaller percentage invested in large-cap and mid-cap companies located outside of the United States. Debt securities are diversified across different asset types with bonds issued in the United States as well as outside the United States. Investment securities are exposed to various risks such as

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20. Employee Benefit Plans – (continued)

interest rate, market, and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the preceding tables.

Cash Flows

The pension plan contributions are deposited into a trust, and the pension plan benefit payments are made from trust assets. During 2018, the Company contributed \$1,228 to the pension plan. The Company estimates that it will make approximately \$1,156 in contributions to the pension plan in 2019. Fluctuations in actual market returns as well as changes in general interest rates will result in changes in the market value of plan assets and may result in increased or decreased retirement benefit costs and contributions in future periods.

The following estimated benefit payments, which reflect expected future service, as appropriate, are expected to be paid in the years ending December 31:

<u>Period</u>	<u>Amount</u>
2019	\$ 1,690
2020	1,857
2021	1,848
2022	1,912
2023	2,139
2024 – 2027	11,047

21. Changes in Accumulated Other Comprehensive Income (Loss)

The changes in accumulated other comprehensive income (loss) for the twelve months ended December 31, were:

	<u>Defined Benefit Pension</u>	<u>Foreign Currency Translation</u>	<u>Total</u>
Balance December 31, 2016	\$(12,320)	\$10,496	\$(1,824)
Other comprehensive income before reclassifications	—	1,206	1,206
Amounts reclassified from accumulated other comprehensive income (loss)	(1,336)	—	(1,336)
Other comprehensive income (loss)	(1,336)	1,206	(130)
Balance December 31, 2017	\$(13,656)	\$11,702	\$(1,954)
Other comprehensive income before reclassifications	—	6,119	6,119
Amounts reclassified from accumulated other comprehensive income (loss) (net of tax expense of \$223)	555	—	555
Other comprehensive income	555	6,119	6,674
Balance December 31, 2018	<u>\$(13,101)</u>	<u>\$17,821</u>	<u>\$ 4,720</u>

MDC PARTNERS INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Thousands of United States Dollars, Except per Share Amounts)

22. Quarterly Results of Operations (Unaudited)

The following table sets forth a summary of the Company's consolidated unaudited quarterly results of operations for the years ended December 31, in thousands of dollars, except per share amounts.

	Quarters			
	First	Second	Third	Fourth
Revenue:				
2018	\$326,968	\$379,743	\$375,830	\$393,662
2017	\$344,700	\$390,532	\$375,800	\$402,747
Cost of services sold:				
2018	\$243,030	\$253,390	\$238,690	\$256,088
2017	\$237,563	\$267,822	\$249,418	\$268,673
Net Income (loss):				
2018	\$ (28,519)	\$ 5,951	\$ (13,667)	\$ (75,713)
2017	\$ (9,683)	\$ 13,467	\$ 21,984	\$ 231,455
Net income (loss) attributable to MDC Partners Inc.:				
2018	\$ (29,416)	\$ 3,406	\$ (16,125)	\$ (81,598)
2017	\$ (10,566)	\$ 11,253	\$ 18,493	\$ 222,668
Income (loss) per common share:				
Basic				
2018	\$ (0.56)	\$ 0.02	\$ (0.32)	\$ (1.46)
2017	\$ (0.21)	\$ 0.14	\$ 0.25	\$ 3.33
Diluted				
2018	\$ (0.56)	\$ 0.02	\$ (0.32)	\$ (1.46)
2017	\$ (0.21)	\$ 0.14	\$ 0.24	\$ 3.30

The above revenue, cost of services sold, and income (loss) have primarily been affected by acquisitions and divestitures.

Historically, with some exceptions, the Company's fourth quarter generates the highest quarterly revenues in a year. The fourth quarter has historically been the period in the year in which the highest volumes of media placements and retail related consumer marketing occur.

Income (loss) have been affected as follows:

- The fourth quarter of 2018 and 2017 included a foreign exchange loss of \$13,324 and \$660, respectively.
- The fourth quarter of 2018 and 2017 included stock-based compensation charges of \$1,534 and \$7,480, respectively.
- The fourth quarter of 2018 and 2017 included changes in deferred acquisition resulting in income of \$8,979 and \$18,173, respectively.
- The fourth quarter of 2018 included goodwill and other asset impairment charges of \$56,732 and the third and fourth quarter of 2017 included goodwill impairment charges of \$29,631 and \$18,893, respectively.
- The fourth quarter of 2018 included income tax expense related to the establishment of the Company's valuation allowance of \$49,447. The fourth quarter of 2017 included income tax benefit of \$226,466 relating to the decrease to the valuation allowance.

MDC PARTNERS INC.
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Thousands of United States Dollars, Except per Share Amounts)

23. Subsequent Events

On March 14, 2019 (the “Issue Date”), the Company entered into a securities purchase agreement with Stagwell Holdings, an affiliate of Stagwell, pursuant to which Stagwell Holdings agreed to purchase, (i) 14,285,714 newly authorized Class A shares for \$3.50 per share for an aggregate purchase price of \$50 million and (ii) 50,000 newly authorized Series 6 convertible preference shares (“Series 6 Preference Shares”) for an aggregate purchase price of \$50 million.

The holders of the Series 6 Preference Shares have the right to convert their Series 6 Preference Shares in whole at any time and from time to time, and in part at any time and from time to time after 1.00 year following the original issuance date of the Preference Shares, into a number of Class A Shares equal to the then-applicable liquidation preference divided by the applicable conversion price at such time (the “Conversion Price”). The initial liquidation per share preference of each Series 6 Preference Share is \$1,000. The initial Conversion Price is \$5.00 per Preference Share, subject to customary adjustments for share splits and combinations, dividends, recapitalizations and other matters, including weighted average anti-dilution protection for certain issuances of equity or equity-linked securities.

The Series 6 Preference Shares’ liquidation preference accretes at 8.0% per annum, compounded quarterly until the five-year anniversary of the Issue Date.

Holders of the Series 6 Preference Shares are entitled to dividends in an amount equal to any dividends that would otherwise have been payable on the Class A Shares issued upon conversion of the Series 6 Preference Shares. The Series 6 Preference Shares are convertible at the Company’s option (i) on and after the two-year anniversary of the Issue Date, if the closing trading price of the Class A Shares over a specified period prior to conversion is at least 125% of the Conversion Price or (ii) after the fifth anniversary of the Issue Date, if the closing trading price of the Class A Shares over a specified period prior to conversion is at least equal to the Conversion Price.

Following certain change in control transactions of the Company in which holders of Series 6 Preference Shares are not entitled to receive cash or qualifying listed securities with a value at least equal to the liquidation preference plus accrued and unpaid dividends, (i) holders will be entitled to cash dividends on the liquidation preference at an increasing rate (beginning at 7%), and (ii) the Company will have a right to redeem the Series 6 Preference Shares for cash at the greater of their liquidation preference plus accrued and unpaid dividends or their as-converted value.

Subject to certain limitations, the Series 6 Preference Shares are not convertible into Class A Shares to the extent upon conversion the holder will beneficially hold more than 19.9% of the Company’s outstanding common shares or voting power. In the event that such restrictions would prevent the conversion of any Series 6 Preference Shares, such Series 6 Preference Shares will be converted into a separate newly authorized series of convertible preference shares of the Company, the Series 7 convertible preference shares (the “Alternative Preference Shares”), at the same conversion rate at which the Series 6 Preference Shares would convert into Class A Shares. The Alternative Preference Shares, in turn, are convertible into Class A Shares on a One-to-one basis, subject to certain conversion rate adjustments.

Series 6 Preference Shares or Alternative Preference Shares will not entitle their holders to vote in the election of directors and, other than as required by applicable law, holders of the Series 6 Preference Shares will not have voting rights.

Item 9. Changes in and Disagreements With Accountants on Accounting and Financial Disclosures

Not Applicable.

Item 9A. Controls and Procedures

(a) Evaluation of Disclosure Controls and Procedures

We maintain disclosure controls and procedures designed to ensure that information required to be included in our SEC reports is recorded, processed, summarized, and reported within the applicable time periods specified by the SEC's rules and forms, and that such information is accumulated and communicated to our management, including our Chief Executive Officers (CEOs) and our Chief Financial Officer (CFO), who is our principal financial officer, as appropriate, to allow timely decisions regarding required disclosures. There are inherent limitations to the effectiveness of any system of disclosure controls and procedures, including the possibility of human error and the circumvention or overriding of the controls and procedures. Accordingly, our disclosure controls and procedures provide reasonable assurance, but not absolute assurance, of achieving their objectives.

We conducted an evaluation, under the supervision and with the participation of our management, including our CEOs, our CFO and our management Disclosure Committee, of the effectiveness of our disclosure controls and procedures as of the end of the period covered by this report pursuant to Rule 13a-15(b) of the Exchange Act. Based on that evaluation, the CEOs and CFO concluded that the Company's disclosure controls and procedures were effective at such time at the reasonable assurance level.

(b) Management's Report on Internal Control Over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act). The Company's internal control over financial reporting includes those policies and procedures that:

- pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the Company;
- provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with U.S. generally accepted accounting principles, and that receipts and expenditures are being made only in accordance with authorizations of the Company's management and directors; and
- provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

Management (with the participation of our CEOs and CFO) conducted an evaluation of the effectiveness of our internal control over financial reporting as of December 31, 2018 based on the criteria set forth in Internal Control — *Integrated Framework* (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

Based on this evaluation, our CEOs and CFO concluded that our internal control over financial reporting was effective as of December 31, 2018.

Our management, including our CEOs and CFO, believes there have been no changes in our internal control over financial reporting during the fiscal quarter ended December 31, 2018, that materially affected, or were reasonably likely to materially affect, our internal control over financial reporting.

The effectiveness of our internal control over financial reporting as of December 31, 2018 has been independently audited by BDO USA LLP, an independent registered public accounting firm, as stated in their report which is included herein.

(c) Report of Independent Registered Public Accounting Firm

Board of Directors and Shareholders
MDC Partners Inc.
New York, New York

Opinion on Internal Control over Financial Reporting

We have audited MDC Partners Inc.'s (the "Company's") internal control over financial reporting as of December 31, 2018, based on criteria established in *Internal Control — Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (the "COSO criteria"). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2018, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) ("PCAOB"), the consolidated balance sheets of the Company and subsidiaries as of December 31, 2018 and 2017, and the related consolidated statements of operations and comprehensive income (loss), shareholders' deficit, and cash flows for each of the three years in the period ended December 31, 2018, and the related notes and schedules presented in Item 15 and our report dated March 18, 2019 expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Item 9A, Management's Report on Internal Control over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit of internal control over financial reporting in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ BDO USA, LLP

New York, New York

March 18, 2019

Item 9B. Other Information

None.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

Reference is made to the sections captioned “Nomination of Directors,” “Information Concerning Nominees for Election as Directors,” “Information Concerning Executive Officers,” “Audit Committee,” “Ethical Conduct” and “Compliance with Section 16(a) of the Exchange Act” in our Proxy Statement for the 2019 Annual General Meeting of Stockholders, which will be filed with the Commission within 120 days of the close of our fiscal year ended December 31, 2018, which sections are incorporated herein by reference.

Executive Officers of MDC Partners

The executive officers of MDC Partners as of March 1, 2019 are:

<u>Name</u>	<u>Age</u>	<u>Office</u>
David B. Doft	47	Chief Financial Officer and member of CEO Executive Committee
Mitchell S. Gendel	53	Executive Vice President, General Counsel and member of CEO Executive Committee
Stephanie Nerlich	49	Executive Vice President, Partner Development & Talent, and member of CEO Executive Committee
David C. Ross	38	Executive Vice President, Strategy and Corporate Development, and member of CEO Executive Committee
Ryan Linder	42	Executive Vice President, Global Chief Marketing Officer
Vincenzo DiMaggio	44	Senior Vice President, Chief Accounting Officer

There is no family relationship among any of the executive officers or directors.

Mr. Doft joined MDC Partners in August 2007 as Chief Financial Officer. Prior to joining MDC Partners, he oversaw media and Internet investments at Cobalt Capital Management Inc. from July 2005 to July 2007. Prior thereto, he worked at Level Global Investors from October 2003 to March 2005 investing in media and Internet companies. Before that, Mr. Doft was a sell side analyst for ten years predominately researching the advertising and marketing services sector for CIBC World Markets where he served as Executive Director and ABN AMRO/ING Barings Furman Selz where he was a Managing Director.

Mr. Gendel joined MDC Partners in November 2004, as General Counsel and Corporate Secretary. Prior to joining MDC Partners, he served as Vice President and Assistant General Counsel at The Interpublic Group of Companies, Inc. from December 1999 until September 2004.

Ms. Nerlich joined MDC Partners in April 2016, and currently serves as Executive Vice President, Partner Development & Talent. Prior to joining MDC Partners, Ms. Nerlich served as CEO of Grey Canada and President of Lowe Roche, and also as EVP, Executive Managing Director of BBDO, where she spent 12 years servicing the agencies’ largest clients.

Mr. Ross joined MDC Partners in March 2010 and currently serves as Executive Vice President, Strategy and Corporate Development. Prior to joining MDC Partners, Mr. Ross was an attorney at Skadden Arps LLP where he represented global clients in a wide range of capital markets offerings, M&A transactions, and general corporate matters.

Mr. Linder joined MDC Partners in 2013 as SVP, Strategic Growth and currently serves as Executive Vice President, Global Chief Marketing Officer. Prior to joining MDC Partners, he was EVP, CMO for Omnicom shop, Zimmerman Advertising and led marketing and business development efforts for Olson in Minneapolis and IPG’s Jack Morton Worldwide.

Mr. DiMaggio joined MDC Partners in June 2018 as Chief Accounting Officer. Prior to joining MDC Partners, he served as the Senior Vice President, Global Controller & Chief Accounting Officer at Endeavor, from October 2017 to June 2018. Prior thereto, he worked at Viacom Inc. from October 2012 to October 2017 as Senior Vice President, Deputy Controller and at the New York Times Company from October 1999 to October 2012 ultimately serving as its Vice President, Assistant Corporate Controller.

Additional information about our directors and executive officers appears under the captions “Election of Directors” and “Executive Compensation” in the Company’s Proxy Statement for the 2019 Annual General Meeting of Stockholders.

Code of Conduct

The Company has adopted a Code of Conduct, which applies to all directors, officers (including the Company’s Chief Executive Officer and Chief Financial Officer) and employees of the Company and its subsidiaries. The Company’s policy is to not permit any waiver of the Code of Conduct for any director or executive officer, except in extremely limited circumstances. Any waiver of this Code of Conduct for directors or officers of the Company must be approved by the Company’s Board of Directors. Amendments to and waivers of the Code of Conduct will be publicly disclosed as required by applicable laws, rules and regulations. The Code of Conduct is available free of charge on the Company’s website at <http://www.mdc-partners.com>, or by writing to MDC Partners Inc., 745 Fifth Avenue, 19th Floor, New York, New York, 10151, Attention: Investor Relations.

Item 11. Executive Compensation

Reference is made to the sections captioned “Compensation of Directors” and “Executive Compensation” in the Company’s Proxy Statement for the 2019 Annual General Meeting of Stockholders, which are incorporated herein by reference.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

Reference is made to Item 5 of this Form 10-K and to the sections captioned “Section 16 (a) Beneficial Ownership Reporting Compliance” in the Company’s next Proxy Statement for the 2019 Annual General Meeting of Stockholders, which are incorporated herein by reference.

Item 13. Certain Relationships and Related Transactions and Director Independence

Reference is made to Note 17 of the Notes to the Consolidated Financial Statements included in Item 8 of this Form 10-K and to “Certain Relationships and Related Transactions” in the Company’s Proxy Statement for the 2019 Annual General Meeting of Stockholders, which is incorporated herein by reference.

Item 14. Principal Accounting Fees and Services

Reference is made to the section captioned “Appointment of Auditors” in the Company’s Proxy Statement for the 2019 Annual General Meeting of Stockholders, which is incorporated herein by reference.

PART IV

Item 15. Exhibits and Financial Statement Schedules

(a) Financial Statements and Schedules

The Financial Statements and Schedules listed in the accompanying Index to Consolidated Financial Statements in Item 8 are filed as part of this report. Schedules not included in the index have been omitted because they are not applicable.

Schedule II — 1 of 2

MDC PARTNERS INC. & SUBSIDIARIES

**SCHEDULE II — VALUATION AND QUALIFYING ACCOUNTS
For the Three Years Ended December 31,
(Dollars in Thousands)**

<u>Column A</u>	<u>Column B</u>	<u>Column C</u>	<u>Column D</u>	<u>Column E</u>	<u>Column F</u>
<u>Description</u>	<u>Balance at Beginning of Period</u>	<u>Charged to Costs and Expenses</u>	<u>Removal of Uncollectible Receivables</u>	<u>Translation Adjustments Increase (Decrease)</u>	<u>Balance at the End of Period</u>
Valuation accounts deducted from assets to which they apply – allowance for doubtful accounts:					
December 31, 2018	\$2,453	\$1,538	\$(1,795)	\$(317)	\$1,879
December 31, 2017	\$1,523	\$1,989	\$ (924)	\$(135)	\$2,453
December 31, 2016	\$1,306	\$1,053	\$ (830)	\$ (6)	\$1,523

Schedule II — 2 of 2

MDC PARTNERS INC. & SUBSIDIARIES

**SCHEDULE II — VALUATION AND QUALIFYING ACCOUNTS
For the Three Years Ended December 31,
(Dollars in Thousands)**

<u>Column A</u>	<u>Column B</u>	<u>Column C</u>	<u>Column D</u>	<u>Column E</u>	<u>Column F</u>
<u>Description</u>	<u>Balance at Beginning of Period</u>	<u>Charged to Costs and Expenses</u>	<u>Other</u>	<u>Translation Adjustments Increase (Decrease)</u>	<u>Balance at the End of Period</u>
Valuation accounts deducted from assets to which they apply – valuation allowance for deferred income taxes:					
December 31, 2018	\$ 19,032	\$ 49,447	\$ —	\$ —	\$ 68,479
December 31, 2017	\$248,867	\$(230,358)	\$ 4,108	\$(3,585)	\$ 19,032
December 31, 2016	\$247,967	\$ 6,605	\$(6,032)	\$ 327	\$248,867

(b) Exhibits

The exhibits listed on the accompanying Exhibits Index are filed as a part of this report.

Item 16. Form 10-K Summary

None.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

MDC PARTNERS INC.

Date: March 18, 2019

By: /s/ David Doft

Name: David Doft

Title: Chief Financial Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ David Doft</u> David Doft	Chief Financial Officer and member of CEO Executive Committee	March 18, 2019
<u>/s/ Vincenzo DiMaggio</u> Vincenzo DiMaggio	Chief Accounting Officer	March 18, 2019
<u>/s/ Clare Copeland</u> Clare Copeland	Director	March 18, 2019
<u>/s/ Daniel Goldberg</u> Daniel Goldberg	Director	March 18, 2019
<u>/s/ Bradley Gross</u> Bradley Gross	Director	March 18, 2019
<u>/s/ Scott L. Kauffman</u> Scott L. Kauffman	Chairman	March 18, 2019
<u>/s/ Lawrence S. Kramer</u> Lawrence S. Kramer	Director	March 18, 2019
<u>/s/ Anne Marie O'Donovan</u> Anne Marie O'Donovan	Director	March 18, 2019
<u>/s/ Desirée Rogers</u> Desirée Rogers	Director	March 18, 2019
<u>/s/ Irwin D. Simon</u> Irwin D. Simon	Director	March 18, 2019

EXHIBIT INDEX

Exhibit No.	Description
3.1	Articles of Amalgamation, dated January 1, 2004 (incorporated by reference to Exhibit 3.1 to the Company's Form 10-Q filed on May 10, 2004);
3.1.1	Articles of Continuance, dated June 28, 2004 (incorporated by reference to Exhibit 3.3 to the Company's Form 10-Q filed on August 4, 2004);
3.1.2	Articles of Amalgamation, dated July 1, 2010 (incorporated by reference to Exhibit 3.1 to the Company's Form 10-Q filed on July 30, 2010);
3.1.3	Articles of Amalgamation, dated May 1, 2011 (incorporated by reference to Exhibit 3.1 to the Company's Form 10-Q filed on May 2, 2011);
3.1.4	Articles of Amalgamation, dated January 1, 2013 (incorporated by reference to Exhibit 3.1.4 to the Company's Form 10-K filed on March 10, 2014);
3.1.5	Articles of Amalgamation, dated April 1, 2013 (incorporated by reference to Exhibit 3.1.5 to the Company's Form 10-K filed on March 10, 2014);
3.1.6	Articles of Amalgamation, dated July 1, 2013 (incorporated by reference to Exhibit 3.1.6 to the Company's Form 10-K filed on March 10, 2014);
3.1.7	Articles of Amendment, dated March 7, 2017 (incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed on March 7, 2016);
3.1.8	Articles of Amendment, dated March 14, 2019 (incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed on March 15, 2019);
3.2	General By-law No. 1, as amended on April 29, 2005 (incorporated by reference to Exhibit 3.2 to the Company's Form 10-K filed on March 16, 2007);
3.2.1	By-law No. 2 (incorporated by reference to Exhibit 3.1 to the Company's Form 8-K filed on January 18, 2019);
4.1	Indenture, dated as of March 23, 2016, among the Company, the Guarantors and The Bank of New York Mellon, as trustee (incorporated by reference to Exhibit 4.1 to the Company's Form 8-K filed on March 23, 2016);
4.1.1	6.50% Senior Notes due 2024 (incorporated by reference to Exhibit 4.2 to the Company's Form 8-K filed on March 23, 2016);
10.1	Second Amended and Restated Credit Agreement, dated as of May 3, 2016, among the Company, Maxxcom Inc., a Delaware corporation, each of their subsidiaries party thereto, Wells Fargo Capital Finance, LLC, as agent, and the lenders from time to time party thereto (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on May 4, 2016);
10.1.1	Consent and First Amendment to the Second Amended and Restated Credit Agreement, dated as of May 3, 2016, among the Company, Maxxcom Inc., a Delaware corporation, each of their subsidiaries party thereto, Wells Fargo Bank, N.A., as agent, and the lenders from time to time party thereto (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on March 15, 2019);
10.2	Securities Purchase Agreement, by and between MDC Partners Inc. and Broad Street Principal Investments, L.L.C., dated as of February 14, 2017 (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on February 15, 2016);
10.3	Securities Purchase Agreement, by and between MDC Partners Inc. and Stagwell Agency Holdings LLC, dated as of March 14, 2019 (incorporated by reference to Exhibit 10.2 to the Company's Form 8-K filed on March 15, 2019);
10.4†	Employment Agreement, effective March 18, 2019, by and between the Company and Mark Penn (incorporated by reference to Exhibit 10.3 to the Company's Form 8-K filed on March 15, 2019);

Exhibit No.	Description
10.5†	Employment Agreement between the Company and Scott Kauffman, dated as of August 6, 2015 (incorporated by reference to Exhibit 10.2 to the Company's Form 10-K filed on February 26, 2016);
10.5.1†	Succession Agreement between the Company and Scott Kauffman, dated as of September 9, 2018 (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on September 12, 2018);
10.6†	Amended and Restated Employment Agreement between the Company and David Doft, dated as of July 19, 2007 (effective August 10, 2007) (incorporated by reference to Exhibit 10.7 to the Company's Form 10-Q filed on August 7, 2007);
10.6.1†	Amendment No. 1 dated March 7, 2011, to the Amended and Restated Employment Agreement made as of July 19, 2007, by and between the Company and David Doft (incorporated by reference to Exhibit 10.2 to the Company's Form 10-Q filed on May 2, 2011);
10.7†	Amended and Restated Employment Agreement between the Company and Mitchell Gendel, dated as of July 6, 2007 (incorporated by reference to Exhibit 10.5 to the Company's Form 10-Q filed on August 7, 2007);
10.7.1†	Amendment No. 1 dated March 7, 2011, to the Amended and Restated Employment Agreement made as of July 6, 2007, by and between the Company and Mitchell Gendel (incorporated by reference to Exhibit 10.3 to the Company's Form 10-Q filed on May 2, 2011);
10.8†	Second Amended and Restated Employment Agreement between the Company and David Ross, dated as of February 27, 2017 (incorporated by reference to Exhibit 10.7 to the Company's 10-K filed on March 1, 2017);
10.9†	Amended and Restated Employment Agreement between the Company and Stephanie Nerlich, dated as of November 1, 2017 (incorporated by reference to Exhibit 10.9 to the Company's 10-K filed on March 1, 2018);
10.10†	Employment Agreement between the Company and Vincenzo DiMaggio, dated as of May 8, 2018*;
10.11†	Amended and Restated Stock Appreciation Rights Plan, as adopted by the shareholders of the Company at the 2009 Annual and Special Meeting of Shareholders on June 2, 2009 (incorporated by reference to Exhibit 10.2 to the Company's Form 8-K filed on June 5, 2009);
10.12†	Amended 2005 Stock Incentive Plan of the Company, as approved and adopted by the shareholders of the Company at the 2009 Annual and Special Meeting of Shareholders on June 2, 2009 (incorporated by reference to Exhibit 10.1 to the Company's 8-K filed on June 5, 2009);
10.13†	2008 Key Partner Incentive Plan, as approved and adopted by the shareholders of the Company at the 2008 Annual and Special Meeting of Shareholders on May 30, 2008 (incorporated by reference to Exhibit 10.1 to the Company's Form 10-Q filed on July 31, 2008);
10.14†	2011 Stock Incentive Plan of the Company, as approved and adopted by the shareholders of the Company on June 1, 2011 (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on June 1, 2011);
10.15†	Form of Incentive/Retention Payment letter agreement (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on August 1, 2011);
10.16†	MDC Partners Inc. 2014 Long Term Cash Incentive Compensation Plan, as adopted March 6, 2014, including forms of 2014 Award Agreement (incorporated by reference to Exhibit 10.12 to the Company's Form 10-K filed on March 10, 2014);
10.17†	2016 Stock Incentive Plan, as amended June 6, 2018 (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on June 7, 2018);
10.17.1†	Form of Financial-Performance Based Restricted Stock Grant Agreement (2017) under the 2016 Stock Incentive Plan (incorporated by reference to Exhibit 10.14.1 to the Company's 10-K filed on March 1, 2017);

Exhibit No.	Description
10.18†	Amended Form of Senior Executive Retention Award (December 2018) (incorporated by reference to Exhibit 10.1 to the Company's Form 8-K filed on December 27, 2018);
14	Code of Conduct of MDC Partners Inc. (as amended, February 2016) (incorporated by reference to Exhibit 14 to the Company's Form 10-K filed on February 26, 2016);
14.1	MDC Partners' Corporate Governance Guidelines (as amended, February 2016) (incorporated by reference to Exhibit 14.1 to the Company's Form 10-K filed on February 26, 2016);
21	Subsidiaries of Registrant*;
23	Consent of Independent Registered Public Accounting Firm BDO USA LLP*;
31.1	Certification by Chief Financial Officer Co-Chief Executive Officer pursuant to Rules 13a 14(a) and 15d 14(a) under the Securities Exchange Act of 1934 and Section 302 of the Sarbanes-Oxley Act of 2002*;
31.2	Certification by Co-Chief Executive Officer pursuant to Rules 13a 14(a) and 15d 14(a) under the Securities Exchange Act of 1934 and Section 302 of the Sarbanes-Oxley Act of 2002*;
31.3	Certification by Co-Chief Executive Officer pursuant to Rules 13a 14(a) and 15d 14(a) under the Securities Exchange Act of 1934 and Section 302 of the Sarbanes-Oxley Act of 2002*;
31.4	Certification by Co-Chief Executive Officer pursuant to Rules 13a 14(a) and 15d 14(a) under the Securities Exchange Act of 1934 and Section 302 of the Sarbanes-Oxley Act of 2002*;
32.1	Certification by Chief Financial Officer and Co-Chief Executive Officer pursuant to 18 USC. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002*.
32.2	Certification by Co-Chief Executive Officer pursuant to 18 USC. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002*;
32.3	Certification by Co-Chief Executive Officer pursuant to 18 USC. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002*;
32.4	Certification by Co-Chief Executive Officer pursuant to 18 USC. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002*;

* Filed electronically herewith.

† Indicates management contract or compensatory plan

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MDC PARTNERS INC.
SUBSIDIARIES OF THE REGISTRANT

Name	Jurisdiction of Incorporation/Formation
1208075 Ontario Limited	Ontario
2340432 Ontario Inc.	Ontario
6 Degrees Integrated Communications Corp.	Ontario
72 Consulting LLC	Delaware
72andSunny Midco LLC	Delaware
72andSunny NL B.V.	Netherlands
72andSunny Partners LLC	Delaware
72andSunny Partners LLC	New York
72andSunny Pte. Ltd.	Republic of Singapore
72andSunny Pty Ltd	New South Wales
7thfl LLC	Delaware
7thfl LP	Ontario
7thfl, LTD	United Kingdom
939GP Inc.	Ontario
Accumark Partners Inc.	Ontario
ACE Content LLC	Delaware
Albion Brand Communication Limited	United Kingdom
Allegory LLC	Delaware
Allison & Partners Holdings (Thailand) Limited	Bangkok
Allison & Partners LLC	Delaware
Allison & Partners Thailand Limited	Bangkok
Allison and Partners K.K.	Tokyo
Allison Kommunikation GmbH	Berlin
Allison Partners Limited	Wanchai
Allison PR (Beijing) Limited	Beijing
Allison+Partners Singapore Pte Ltd	Republic of Singapore
Allison+Partners UK Limited	England
Alveo LLC	Delaware
Anomaly (Shanghai) Advertising Co., Ltd.	Shanghai
Anomaly B.V.	Netherlands
Anomaly GmbH	Berlin
Anomaly Inc.	Ontario
Anomaly London LLP	United Kingdom
Anomaly Partners LA LLC	Delaware
Anomaly Partners LLC	Delaware
Anomaly UK Limited	United Kingdom
Antidote 360 LLC	Delaware
Apollo Program LLC	Delaware
Attention Partners LLC	Delaware
Boom Marketing Inc.	Ontario
Born AI LLC	Delaware
Bruce Mau Design (USA) LLC	Delaware
Bruce Mau Design Inc.	Ontario
Bruce Mau Holdings Ltd.	Ontario
Colle & McVoy LLC	Delaware
Com.motion Inc.	Ontario
Concentric Health Experience Limited	United Kingdom

Name	Jurisdiction of Incorporation/Formation
Concentric Partners LLC	Delaware
CP+B – Crispin Porter & Bogusky Brasil Publicidade e Participacao Ltda.	Sao Paulo
Crispin Porter & Bogusky (Hong Kong) Limited	Hong Kong
Crispin Porter & Bogusky LLC	Delaware
Crispin Porter & Bogusky Ltd	United Kingdom
Crispin Porter + Bogusky Denmark ApS	Copenhagen
Doner Limited	United Kingdom
Doner Partners LLC	Delaware
Dotglu LLC	Delaware
Elixir Health Experience LLC	Delaware
Enplay Partners LLC	Delaware
Expecting Productions, LLC	California
Forsman & Bodenfors AB	Sweden
Forsman & Bodenfors Factory AB	Sweden
Forsman & Bodenfors Inhouse AB	Sweden
Forsman & Bodenfors Pte. Ltd.	Singapore
Forsman & Bodenfors Studios AB	Sweden
Gale Creative Agency Private Limited	Bangalore
Gale Partners Inc.	Ontario
Gale Partners LLC	Delaware
Gale Partners LP	Ontario
Happy Forsman & Bodenfors AB	Sweden
Hecho Studios LLC	Delaware
Hello Design, LLC	California
HL Group Partners Limited	United Kingdom
HL Group Partners LLC	Delaware
HPR Partners, LLC	Delaware
Hudson and Sunset Media, LLC	Delaware
Hunter PR Canada LP	Ontario
Hunter PR UK Limited	United Kingdom
Hunter Public Relations UK Limited	United Kingdom
Instrument A/V LLC	Oregon
Instrument Fun LLC	Oregon
Instrument Gemini LLC	Oregon
Instrument LLC	Delaware
Instrument Spirit LLC	Oregon
Instrument Wizard Wizard LLC	Oregon
KBP Holdings LLC	Delaware
KBS (Hong Kong) Limited	Unknown
KBS (Shanghai) Advertising Co., Ltd.	Shanghai
KBS+P Canada LP KBS+P Canada SEC	Ontario
KBS+P Ventures LLC	Delaware
Kenna Communications GP Inc.	Ontario
Kenna Communications LP	Ontario
Kingsdale Partners LP	Ontario
Kingsdale Shareholder Services US LLC	Delaware
Kirshenbaum Bond Senecal & Partners LLC	Delaware
KIS Investor Services Inc. (Barbados)	Barbados
Kollo AB	Sweden
Kwittken & Company Limited	United Kingdom
Kwittken LLC	Delaware

Name	Jurisdiction of Incorporation/Formation
Kwittken LP	Ontario
Kwittken Ltd.	United Kingdom
Laird + Partners New York LLC	Delaware
Laurie, Foard & Wheeler Limited	Hong Kong
Laurie, Ford + Wheeler LLC	Delaware
Legend PR Partners LLC	Delaware
LifeMed Media, Inc.	Delaware
Longacre Square Communications LLC	Delaware
Luntz Global Partners LLC	Delaware
Main North LP	Ontario
Maxxcom (Barbados) Inc.	Barbados
Maxxcom (USA) Finance Company	Delaware
Maxxcom (USA) Holdings Inc.	Delaware
Maxxcom Global Media LLC	Delaware
Maxxcom Inc.	Delaware
MDC Acquisition Inc.	Delaware
MDC Canada GP Inc.	Canada
MDC Corporate (US) Inc.	Delaware
MDC Europe Ltd.	United Kingdom
MDC Gale43 GP Inc.	Ontario
MDC Innovation Partners LLC	Delaware
MDC Kingsdale GP Inc.	Ontario
MDC Partners Inc.	Canada
MDC Partners UK Holdings Limited	United Kingdom
Media Assembly LP	Ontario
Mono Advertising, LLC	Delaware
New Team LLC	Delaware
Northstar Management Holdco Inc.	Ontario
Northstar Research GP LLC	Delaware
Northstar Research Holdings Canada Inc.	Ontario
Northstar Research Holdings USA LP	Delaware
Northstar Research Partners (UK) Limited	United Kingdom
Northstar Research Partners (USA) LLC	Delaware
Northstar Research Partners Inc. (ON)	Ontario
Not No and Company, LLC	Delaware
OneChocolate Communications Limited	United Kingdom
OneChocolate Communications LLC	Delaware
Pictor Digital Creative Services LLC	Delaware
Plus Productions, LLC	Delaware
Pt. Northstar Business Consulting Partners	Republic of Indonesia
Redscout LLC	Delaware
Redscout Ltd.	United Kingdom
Relevant Partners LLC	Delaware
Sloane & Company LLC	Delaware
SML Partners Holdings LLC	Delaware
Source Marketing LLC	New York
Strategic Sourcing Solutions LLC	Delaware
Studio Pica Inc.	Canada
Sugar Daddy Development, LLC	Delaware
TargetCast LLC	Delaware
Targetcom LLC	Delaware

Name	Jurisdiction of Incorporation/Formation
TC Acquisition Inc.	Delaware
TEAM LP	Ontario
The Arsenal LLC	Delaware
The Path Worldwide Limited	United Kingdom
Trade X Partners LLC	Delaware
Trailer Productions, LLC	California
Union Advertising Canada LP	Ontario
Unique Influence Partners LLC	Delaware
Varick Media Management LLC	Delaware
Veritas Communications Inc.	Delaware
Veritas Communications Inc.	Ontario
Vitro Partners LLC	Delaware
VitroRobertson LLC	Delaware
Walker Brook Capital LLC	Delaware
Y Media Labs LLC	Delaware
Y Media Labs Private Limited	India
Yamamoto Moss Mackenzie, Inc.	Delaware
Zig Management (USA) Inc.	Delaware
Zyman Group, LLC	Delaware

Consent of Independent Registered Public Accounting Firm

MDC Partners Inc.
New York, New York

We hereby consent to the incorporation by reference in the Registration Statements on Form S-8 (No. 333-212261) and Form S-3 (Nos. 333-222101 and 333-222095) of MDC Partners, Inc., of our reports dated March 1, 2018, relating to the consolidated financial statements and financial statement schedules presented in Item 15, and the effectiveness of MDC Partners, Inc.'s internal control over financial reporting which appear in this Form 10-K.

/s/ BDO USA, LLP
New York, New York

March 18, 2019

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**Certification Pursuant to Rules 13a-14(a) and 15d-14(a) as
Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, David Doft, certify that:

1. I have reviewed this annual report on Form 10-K for the year ended December 31, 2018 of MDC Partners Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 18, 2019

/s/ David Doft

By: David Doft

Title: Chief Financial Officer and member of the
CEO Executive Committee

**Certification Pursuant to Rules 13a-14(a) and 15d-14(a) as
Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, Mitchell Gendel, certify that:

1. I have reviewed this annual report on Form 10-K for the year ended December 31, 2018 of MDC Partners Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 18, 2019

/s/ Mitchell Gendel

By: Mitchell Gendel

Title: Member of the CEO Executive Committee

**Certification Pursuant to Rules 13a-14(a) and 15d-14(a) as
Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, David Ross, certify that:

1. I have reviewed this annual report on Form 10-K for the year ended December 31, 2018 of MDC Partners Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 18, 2019

/s/ David Ross

By: David Ross

Title: Member of the CEO Executive Committee

**Certification Pursuant to Rules 13a-14(a) and 15d-14(a) as
Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002**

I, Stephanie Nerlich, certify that:

1. I have reviewed this annual report on Form 10-K for the year ended December 31, 2018 of MDC Partners Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a. Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b. Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c. Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d. Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of registrant's board of directors (or persons performing the equivalent function):
 - a. All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b. Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 18, 2019

/s/ Stephanie Nerlich

By: Stephanie Nerlich

Title: Member of the CEO Executive Committee

**Certification Pursuant to 18 U.S.C. Section 1350, as
Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the annual report of MDC Partners Inc. (the “Company”) on Form 10-K for fiscal year ended December 31, 2018, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, David Doft, Chief Financial Officer and member of the CEO Executive Committee of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to my knowledge, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 18, 2019

/s/ David Doft

By: David Doft

Title: Chief Financial Officer and member of the
CEO Executive Committee

This certification is being furnished solely to accompany the Report pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed “filed” by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, whether made before or after the date of this Report, irrespective of any general incorporation language contained in such filing.

A signed original of this written statement required by Section 906, or other documents authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

**Certification Pursuant to 18 U.S.C. Section 1350, as
Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the annual report of MDC Partners Inc. (the “Company”) on Form 10-K for fiscal year ended December 31, 2018, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Mitchell Gendel, member of the CEO Executive Committee of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to my knowledge, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 18, 2019

/s/ Mitchell Gendel

By: Mitchell Gendel

Title: Member of the CEO Executive Committee

This certification is being furnished solely to accompany the Report pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed “filed” by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, whether made before or after the date of this Report, irrespective of any general incorporation language contained in such filing.

A signed original of this written statement required by Section 906, or other documents authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

**Certification Pursuant to 18 U.S.C. Section 1350, as
Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the annual report of MDC Partners Inc. (the “Company”) on Form 10-K for fiscal year ended December 31, 2018, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, David Ross, member of the CEO Executive Committee of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to my knowledge, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 18, 2019

/s/ David Ross

By: David Ross

Title: Member of the CEO Executive Committee

This certification is being furnished solely to accompany the Report pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed “filed” by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, whether made before or after the date of this Report, irrespective of any general incorporation language contained in such filing.

A signed original of this written statement required by Section 906, or other documents authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

**Certification Pursuant to 18 U.S.C. Section 1350, as
Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002**

In connection with the annual report of MDC Partners Inc. (the “Company”) on Form 10-K for fiscal year ended December 31, 2018, as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Stephanie Nerlich, member of the CEO Executive Committee of the Company, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, to my knowledge, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934, as amended; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 18, 2019

/s/ Stephanie Nerlich

By: Stephanie Nerlich

Title: Member of the CEO Executive Committee

This certification is being furnished solely to accompany the Report pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002 and shall not be deemed “filed” by the Company for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, and shall not be incorporated by reference into any filing of the Company under the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934, as amended, whether made before or after the date of this Report, irrespective of any general incorporation language contained in such filing.

A signed original of this written statement required by Section 906, or other documents authenticating, acknowledging, or otherwise adopting the signature that appears in typed form within the electronic version of this written statement required by Section 906, has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.

MDC Partners Inc. – Directory

New York Headquarters

745 Fifth Avenue
19th Floor
New York, NY 10151
Tel: 646-429-1800
Fax: 212-937-4365
www.mdc-partners.com
Chairman & CEO:
Mark J. Penn

Toronto

33 Draper Street
Toronto, ON M5V 2M3
Tel: 416-960-9000
Fax: 416-960-9555

6degrees Integrated Communications

121 Bloor Street E.
Suite 300
Toronto ON M4W 3M5
Tel: 416-446-7758
Fax: 416-446-1923
www.6deg.ca
President & Partner:
Troy Yung

72andSunny

12101 W. Bluff Creek Drive
Playa Vista, CA 90094
Tel: 310-215-9009
Fax: 310-215-9012
www.72andsunny.com
Founder, Creative Co-Chair:
John Boiler
Founder, Creative Co-Chair:
Glenn Cole
Partner, Chief Executive
Officer: Matt Jarvis

Amsterdam

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Westerstraat 187
1015 MA Amsterdam
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Tel: +31-20-218-2400
Managing Director:
Nic Owen

New York

55 Water Street
6th Floor
New York, NY 11201
Tel: 212-993-1300
Managing Director:
James Townsend

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15A Duxton Hill
Singapore 089598
Contact: Chris Kay

Sydney

120 Bourke Street
Woolloomooloo, NSW 2011
Contact: Chris Kay

Allison + Partners

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www.allisonpr.com
Chairman & CEO:
Scott Allison

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Tel: 404-885-1723
Contact:
Brian Feldman

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Tel: +66-267-100-61
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Anne Colaiacovo

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Contact:
Martina Mueller

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Tel: +86-28-6606-5238
Contact:
Nicole Zhang

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Chicago, IL 60611
Tel: 312-635-8202
Contact:
Shane Winn

Dallas

1919 McKinney Avenue
Dallas, TX 75202
Tel: 214-975-8774
Contact:
Tony Katsulos

Hong Kong

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Contact:
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Tel: +44-0203-551-7725
Contact:
Jim Selman

Los Angeles

11611 San Vicente
Boulevard
Suite 910
Los Angeles, CA 90049
Tel: 310-496-4440
Contact:
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Stock Exchange Listing

The Class A shares of the Company are listed on the NASDAQ National Market under trading symbol "MDCA".

Notice of Shareholders' Meeting

The annual meeting of shareholders will be held at The MDC Partners Innovation Center, 745 Fifth Avenue, 19th Floor, New York, NY on Tuesday, June 4, 2019 at 10:00 a.m. E.D.T.

