

WATERMAN ROBERT A
Form 4
January 04, 2006

FORM 4

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

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
WATERMAN ROBERT A

(Last) (First) (Middle)
ONE PARK PLAZA
(Street)
NASHVILLE, TN 37203
(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
HCA INC/TN [(HCA)]

3. Date of Earliest Transaction (Month/Day/Year)
12/31/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
SVP and General Counsel

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) | | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|--------|---|-------------------------|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 12/31/2005 | | J ⁽¹⁾ | | 656 | A | \$ 0 | 78,662 | D | |
| Common Stock | 01/01/2006 | | A ⁽²⁾ | | 2,546 | A | \$ 0 | 81,208 | D | |
| Common Stock | 01/01/2006 | | F | | 839 | D | \$ 50.5 | 80,369 | D | |
| Common Stock | | | | | | | | 109 | I | By 401(k) <u>(3)</u> |

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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PART I

ITEM 1. Business

General

We believe we are the world's largest provider of health care products and services primarily to office-based dental, animal health and medical practitioners. We serve more than 1 million customers worldwide including dental practitioners and laboratories, animal health clinics and physician practices, as well as government, institutional health care clinics and other alternate care clinics. We believe that we have a strong brand identity due to our more than 84 years of experience distributing health care products.

We are headquartered in Melville, New York, employ more than 21,000 people (of which more than 10,500 are based outside the United States) and have operations or affiliates in 33 countries, including the United States, Australia, Austria, Belgium, Brazil, Canada, Chile, China, the Czech Republic, Denmark, France, Germany, Hong Kong SAR, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Malaysia, the Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand and the United Kingdom.

We offer a comprehensive selection of products and services and value-added solutions for operating efficient practices and delivering high quality care. We operate through a centralized and automated distribution network with a selection of more than 120,000 branded products and Henry Schein private brand products in stock, as well as more than 180,000 additional products available as special order items. We also offer our customers exclusive, innovative technology solutions, including practice management software and e-commerce solutions, as well as a broad range of financial services.

We have established over 4.5 million square feet of space in 62 strategically located distribution centers around the world to enable us to better serve our customers and increase our operating efficiency. This infrastructure, together with broad product and service offerings at competitive prices, and a strong commitment to customer service, enables us to be a single source of supply for our customers' needs. Our infrastructure also allows us to provide convenient ordering and rapid, accurate and complete order fulfillment.

We conduct our business through two reportable segments: (i) health care distribution and (ii) technology and value-added services. These segments offer different products and services to the same customer base.

The health care distribution reportable segment aggregates our global dental, animal health and medical operating segments. This segment distributes consumable products, small equipment, laboratory products, large equipment, equipment repair services, branded and generic pharmaceuticals, vaccines, surgical products, diagnostic tests, infection-control products and vitamins. Our global dental group serves office-based dental practitioners, dental laboratories, schools and other institutions. Our global animal health group serves animal health practices and clinics. Our global medical group serves office-based medical practitioners, ambulatory surgery centers, other alternate-care settings and other institutions.

Our technology and value-added services group provides software, technology and other value-added services to health care practitioners. Our technology group offerings include practice management software systems for dental and medical practitioners and animal health clinics. Our value-added practice solutions include financial services on a non-recourse basis, e-services, practice technology, network and hardware services, as well as continuing education services for practitioners.

Industry

The health care products distribution industry, as it relates to office-based health care practitioners, is fragmented and diverse. This industry, which encompasses the dental, animal health and medical markets, was estimated to produce revenues of approximately \$45 billion in 2016 in the global markets. The industry ranges from sole practitioners working out of relatively small offices to group practices or service organizations ranging in size from a few practitioners to a large number of practitioners who have combined or otherwise associated their practices.

Due in part to the inability of office-based health care practitioners to store and manage large quantities of supplies in their offices, the distribution of health care supplies and small equipment to office-based health care practitioners has been characterized by frequent, small quantity orders, and a need for rapid, reliable and substantially complete order fulfillment. The purchasing decisions within an office-based health care practice are typically made by the practitioner or an administrative assistant. Supplies and small equipment are generally purchased from more than one distributor, with one generally serving as the primary supplier.

The health care products distribution industry continues to experience growth due to the aging population, increased health care awareness, the proliferation of medical technology and testing, new pharmacology treatments and expanded third-party insurance coverage, partially offset by the effects of unemployment on insurance coverage. In addition, the physician market continues to benefit from the shift of procedures and diagnostic testing from acute care settings to alternate-care sites, particularly physicians' offices.

We believe that consolidation within the industry will continue to result in a number of distributors, particularly those with limited financial, operating and marketing resources, seeking to combine with larger companies that can provide growth opportunities. This consolidation also may continue to result in distributors seeking to acquire companies that can enhance their current product and service offerings or provide opportunities to serve a broader customer base.

In recent years, the health care industry has increasingly focused on cost containment. This trend has benefited distributors capable of providing a broad array of products and services at low prices. It also has accelerated the growth of HMOs, group practices, other managed care accounts and collective buying groups, which, in addition to their emphasis on obtaining products at competitive prices, tend to favor distributors capable of providing specialized management information support. We believe that the trend towards cost containment has the potential to favorably affect demand for technology solutions, including software, which can enhance the efficiency and facilitation of practice management.

Competition

The distribution and manufacture of health care supplies and equipment is highly competitive. Many of the health care distribution products we sell are available to our customers from a number of suppliers. In addition, our competitors could obtain exclusive rights from manufacturers to market particular products. Manufacturers also could seek to sell directly to end-users, and thereby eliminate or reduce our role and that of other distributors.

In North America, we compete with other distributors, as well as several manufacturers, of dental, animal health and medical products, primarily on the basis of price, breadth of product line, customer service and value-added products and services. In the dental market, our primary competitors are the Patterson Dental division of Patterson Companies, Inc. and Benco Dental Supply Company. In addition, we compete against a number of other distributors that operate on a national, regional and local level. In the animal health market, our primary competitors are the MWI Animal Health division of AmerisourceBergen and the Patterson Veterinary division of Patterson Companies, Inc. Our primary competitors in the medical market are McKesson Corporation and Medline Industries, Inc., which are national distributors. We also compete against a number of regional and local animal health and medical distributors, as well as a number of manufacturers that sell directly to veterinarians and physicians. With regard to our dental practice management software, we compete against numerous companies, including Carestream Health, Inc. and the Patterson Dental division of Patterson Companies, Inc. In the animal health practice management market, our primary competitors are IDEXX Laboratories, Inc. and the Patterson Veterinary division of Patterson Companies, Inc. The medical practice management and electronic medical records

market is very fragmented and we compete with numerous companies such as the NextGen division of Quality Systems, Inc., eClinicalWorks and Allscripts Healthcare Solutions, Inc.

We also face significant competition internationally, where we compete on the basis of price and customer service against several large competitors, including the GACD Group, Pluradent AG & Co., Lifco AB, Planmeca Oy, Billerica Dental Supply Co. Ltd., National Veterinary Services Limited (Patterson Veterinary division of Patterson Companies, Inc.), Centaur Services Limited (MWI Animal Health division of AmerisourceBergen) and Alcyon SA, as well as a large number of dental, animal health and medical product distributors and manufacturers in Australia, Austria, Belgium, Brazil, Canada, Chile, China, the Czech Republic, Denmark, France, Germany, Hong Kong SAR, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Malaysia, the Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand and the United Kingdom.

Significant price reductions by our competitors could result in a similar reduction in our prices. Any of these competitive pressures may materially adversely affect our operating results.

Competitive Strengths

We have more than 84 years of experience in distributing products to health care practitioners resulting in strong awareness of the Henry Schein® brand. Our competitive strengths include:

A focus on meeting our customers' unique needs. We are committed to providing customized solutions to our customers that are driven by our understanding of the market and reflect the technology-driven products and services best suited for their practice needs.

Direct sales and marketing expertise. Our sales and marketing efforts are designed to establish and solidify customer relationships through personal visits by field sales representatives, frequent direct marketing and telesales contact, emphasizing our broad product lines, including exclusive distribution agreements, competitive prices and ease of order placement. The key elements of our direct sales and marketing efforts are:

- *Field sales consultants.* We have approximately 3,800 field sales consultants, including equipment sales specialists, covering major North American, European and other international markets. These consultants complement our direct marketing and telesales efforts and enable us to better market, service and support the sale of more sophisticated products and equipment.
- *Direct marketing.* During 2016, we distributed approximately 34 million pieces of direct marketing material, including catalogs, flyers, order stuffers and other promotional materials to existing and potential office-based health care customers.

- *Telesales.* We support our direct marketing effort with approximately 2,200 inbound and outbound telesales representatives, who facilitate order processing and generate new sales through direct and frequent contact with customers.
- *Electronic commerce solutions.* We provide our customers and sales teams with innovative and competitive Internet, PC and mobile e-commerce solutions.
- *Social media.* Our operating entities and employees engage our customers and supplier partners through various social media platforms.

Broad product and service offerings at competitive prices. We offer a broad range of products and services to our customers, at competitive prices, in the following categories:

- *Consumable supplies and equipment.* We offer over 120,000 Stock Keeping Units, or SKUs, to our customers. Of the SKUs offered, approximately 51,000 are offered to our dental customers, approximately 12,000 to our animal health customers and approximately 55,000 to our medical customers. We offer over 180,000 additional SKUs to our customers in the form of special order items.
- *Technology and other value-added products and services.* We sell practice management software systems to our dental, animal health and medical customers. Our practice management solutions provide practitioners with electronic medical records, patient treatment history, billing, accounts receivable analyses and management, appointment calendars, electronic claims processing and word processing programs. As of December 31, 2016, we had an active user base of more than 95,000 practices, including users of Dentrrix® Dental Systems, Dentrrix® Enterprise, Dentrrix® Dental Vision™, Dentrrix Ascend®, Easy Dental®, Oasis™, Evolution® and EXACT®, Gesden®, Julie®Software, Power Practice® Px, AxiUm™, EndoVision®, PerioVision®, OMSVision® and Viive® for dental practices; Advantage+™, AVImark®, DVM Manager®, Infinity™, Triple Crown®, Vetstreet®, VisionVPM™, Robovet®, and RxWorks® for animal health practices; and MicroMD® for physician practices.

- *Repair services.* We have over 200 equipment sales and service centers worldwide that provide a variety of repair, installation and technical services for our health care customers. Our technicians provide installation and repair services for: dental handpieces; dental, animal health and medical small equipment; table top sterilizers; and large dental equipment.

- *Financial services.* We offer our customers solutions in operating their practices more efficiently by providing access to a number of financial services and products (including non-recourse financing for equipment, technology and software products; non-recourse patient financing; collection services and credit card processing) at rates that we believe are generally lower than what our customers would be able to secure independently. We also provide consulting services, dental practice valuation and brokerage services.

Commitment to superior customer service. We maintain a strong commitment to providing superior customer service. We frequently monitor our customer service through customer surveys, focus groups and statistical reports. Our customer service policy primarily focuses on:

- *Exceptional order fulfillment.* We ship an average of approximately 174,000 cartons daily. Approximately 99% of items ordered are shipped without back ordering and are shipped on the same business day the order is received.

- *Streamlined ordering process.* Customers may place orders 24 hours a day, 7 days a week by mail, fax, telephone, e-mail, Internet and by using our computerized order entry systems.

Integrated management information systems. Our information systems generally allow for centralized management of key functions, including accounts receivable, inventory, accounts payable, payroll, purchasing, sales and order fulfillment. These systems allow us to manage our growth, deliver superior customer service, properly target customers, manage financial performance and monitor daily operational statistics.

Cost-effective purchasing. We believe that cost-effective purchasing is a key element to maintaining and enhancing our position as a competitive-pricing provider of health care products. We continuously evaluate our purchase requirements and suppliers' offerings and prices in order to obtain products at the lowest possible cost. In 2016, our top 10 health care distribution suppliers and our single largest supplier accounted for approximately 34% and 6%, respectively, of our aggregate purchases.

Efficient distribution. We distribute our products from our strategically located distribution centers. We strive to maintain optimal inventory levels in order to satisfy customer demand for prompt delivery and complete order fulfillment. These inventory levels are managed on a daily basis with the aid of our management information systems. Once an order is entered, it is electronically transmitted to the distribution center nearest the customer's location and a packing slip for the entire order is printed for order fulfillment.

Products

The following table sets forth the percentage of consolidated net sales by principal categories of products offered through our health care distribution and technology reportable segments:

| | |
|---|---------------|
| | 2016 |
| Health care distribution: | |
| Dental products (1) | 48.0 % |
| | |
| Animal health products (2) | 28.1 |
| | |
| Medical products (3) | 20.2 |
| | |
| Total health care distribution | 96.3 |
| | |
| Technology: | |
| Software and related products and other value-added products (4) | 3.7 |
| Total | 100.0% |
| | |

(1) Includes infection-control products, handpieces, preventatives, impression materials, composites, anesthetics, teeth, dental gypsum, acrylics, articulators, abrasives, dental chairs, delivery units and lights, X-ray supplies and equipment, equipment repair and high-tech and digital restoration equipment.

(2) Includes branded and generic pharmaceuticals, surgical and consumable products and services and equipment.

(3) Includes branded and generic pharmaceuticals, vaccines, surgical products, diagnostic tests, infection-control products, X-ray products, equipment and vitamins.

(4) Consists of practice management software and other value-added products, which are distributed primarily to health care practitioners and financial services on a non-recourse basis, e-services, continuing education services for practitioners, consulting and other services.

Business Strategy

Our objective is to continue to expand as a global value-added provider of health care products and services to office-based dental, animal health and medical practitioners. To accomplish this, we will apply our competitive

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strengths in executing the following strategies:

- *Increase penetration of our existing customer base.* We have over 1 million customers worldwide and we intend to increase sales to our existing customer base and enhance our position as their primary supplier.
- *Increase the number of customers we serve.* This strategy includes increasing the number and productivity of field sales consultants, as well as using our customer database to focus our marketing efforts in all of our operating segments. In the dental business, we provide products and services to traditional dental practices as well as new emerging segments, such as dental service organizations and community health centers. Leveraging our unique assets and capabilities, we offer solutions to address these new markets. In the medical business, we have expanded to serve customers located in settings outside of the traditional office, such as urgent care clinics, retail and occupational health settings. As settings of health care shift, we remain committed to serving these practitioners and providing them with the products and services they need.
- *Leverage our value-added products and services.* We continue to increase cross-selling efforts for key product lines utilizing a consultative selling process. In the dental business, we have significant cross-selling opportunities between our dental practice management software users and our dental distribution customers. In the animal health business, we have opportunities to cross-sell practice management software and other products. In the medical business, we have opportunities to expand our vaccine, injectables and other pharmaceuticals sales to health care practitioners, as well as cross-selling core products and electronic health record and practice management software. Our strategy extends to providing health systems, integrated delivery networks and other large group and multi-site health care organizations, that include physician clinics, these same value added products and services. As physicians and health systems closely align, we have increased access to opportunities for cross-marketing and selling our product and service portfolios.

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- *Pursue strategic acquisitions and joint ventures.* Our acquisition strategy includes acquiring businesses and entering into joint ventures complementary to ours that will provide, among other things, additional sales to be channeled through our existing distribution infrastructure, access to additional product lines and field sales consultants and an opportunity to further expand into new geographic markets.

Markets Served

Demographic trends indicate that our markets are growing, as an aging U.S. population is increasingly using health care services. Between 2016 and 2026, the 45 and older population is expected to grow by approximately 12%. Between 2016 and 2036, this age group is expected to grow by approximately 25%. This compares with expected total U.S. population growth rates of approximately 8% between 2016 and 2026 and approximately 15% between 2016 and 2036.

In the dental industry, there is predicted to be a rise in oral health care expenditures as the 45 and older segment of the population increases. There is increasing demand for new technologies that allow dentists to increase productivity, and this is being driven in the U.S. by lower insurance reimbursement rates. At the same time, there is an expected increase in dental insurance coverage.

We support our dental professionals through the many SKUs that we offer, as well as through important value-added services, including practice management software, electronic claims processing, financial services and continuing education, all designed to help maximize a practitioner's efficiency.

The animal health market, impacted by growing companion pet ownership and care, as well as increased focus on safety and efficiency in livestock production, continues to provide additional growth opportunities for us. We support the animal health practitioners we serve through the distribution of biologicals, pharmaceuticals, supplies and equipment and by actively engaging in the development, sale and distribution of veterinary practice management software.

There continues to be a migration of procedures from acute-care settings to physicians' offices, a trend that we believe provides additional opportunities for us. There also is the continuing use of vaccines, injectables and other pharmaceuticals in alternate-care settings. We believe we have established a leading position as a vaccine supplier to the office-based physician practitioner.

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Additionally, we are expanding our dental full-service model, our animal health presence and our medical offerings in countries where opportunities exist. Through our “Schein Direct” program, we also have the capability to provide door-to-door air package delivery to practitioners in over 190 countries around the world.

For information on revenues and long-lived assets by geographic area, see Note 15 of “Notes to Consolidated Financial Statements,” which is incorporated herein by reference.

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Seasonality and Other Factors Affecting Our Business and Quarterly Results

We experience fluctuations in quarterly earnings. As a result, we may fail to meet or exceed the expectations of securities analysts and investors, which could cause our stock price to decline.

Our business is subject to seasonal and other quarterly fluctuations. Revenues and profitability generally have been higher in the third and fourth quarters due to the timing of sales of seasonal products (including influenza vaccine, equipment and software products), purchasing patterns of office-based health care practitioners and year-end promotions. Revenues and profitability generally have been lower in the first quarter, primarily due to increased sales in the prior two quarters. We expect our historical seasonality of sales to continue in the foreseeable future. Quarterly results may also be materially adversely affected by a variety of other factors, including:

- timing and amount of sales and marketing expenditures;
- timing of pricing changes offered by our suppliers;
- timing of the introduction of new products and services by our suppliers;
- timing of the release of upgrades and enhancements to our technology-related products and services;
- changes in or availability of supplier contracts or rebate programs;
- supplier rebates based upon attaining certain growth goals;
- changes in the way suppliers introduce or deliver products to market;
- costs of developing new applications and services;
- our ability to correctly identify customer needs and preferences and predict future needs and preferences;
- uncertainties regarding potential significant breaches of data security or disruptions of our information technology systems;

- unexpected regulatory actions, or government regulation generally;
- exclusivity requirements with certain suppliers may prohibit us from distributing competitive products manufactured by other suppliers;
- loss of sales representatives;
- costs related to acquisitions and/or integrations of technologies or businesses;
- costs associated with our self-insured medical and dental insurance programs;
- general market and economic conditions, as well as those specific to the health care industry and related industries;
- our success in establishing or maintaining business relationships;
- unexpected difficulties in developing and manufacturing products;
- product demand and availability or recalls by manufacturers;
- exposure to product liability and other claims in the event that the use of the products we sell results in injury;
- increases in shipping costs or service issues with our third-party shippers;
- fluctuations in the value of foreign currencies;

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- restructuring costs;
- the adoption or repeal of legislation; and
- changes in accounting principles.

Any change in one or more of these or other factors could cause our annual or quarterly financial results to fluctuate. If our financial results do not meet market expectations, our stock price may decline.

Governmental Regulations

Operating, Security and Licensure Standards

Certain of our businesses involve the distribution of pharmaceuticals and medical devices, and in this regard we are subject to various local, state, federal and foreign governmental laws and regulations applicable to the distribution of pharmaceuticals and medical devices. Among the United States federal laws applicable to us are the Controlled Substances Act, the Federal Food, Drug, and Cosmetic Act, as amended (“FDC Act”), and Section 361 of the Public Health Service Act. We are also subject to comparable foreign regulations.

The FDC Act and similar foreign laws generally regulate the introduction, manufacture, advertising, labeling, packaging, storage, handling, reporting, marketing and distribution of, and record keeping for, pharmaceuticals and medical devices shipped in interstate commerce, and states may similarly regulate such activities within the state. Section 361 of the Public Health Service Act, which provides authority to prevent the spread of communicable diseases, serves as the legal basis for the United States Food and Drug Administration’s (“FDA”) regulation of human cells, tissues and cellular and tissue-based products, also known as “HCT/P products.”

The Federal Drug Quality and Security Act of 2013 brought about significant changes with respect to pharmaceutical supply chain requirements and pre-empts state law. Title II of this measure, known as the Drug Supply Chain Security Act (“DSCSA”), is being phased in over ten years, and is intended to build a national electronic, interoperable system to identify and trace certain prescription drugs as they are distributed in the United States. The law’s track and trace requirements applicable to manufacturers, wholesalers, repackagers and dispensers (e.g., pharmacies) of prescription drugs took effect in January 2015, subject to certain enforcement delays by the FDA, and will continue to be implemented. The DSCSA product tracing requirements replace the former FDA drug pedigree requirements and pre-empt state requirements that are inconsistent with, more stringent than, or in addition to, the DSCSA

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requirements.

The DSCSA also establishes certain requirements for the licensing and operation of prescription drug wholesalers and third party logistics providers (“3PLs”), and includes the creation of national wholesaler and 3PL licenses in cases where states do not license such entities. The DSCSA requires that wholesalers and 3PLs distribute drugs in accordance with certain standards regarding the recordkeeping, storage and handling of prescription drugs. The DSCSA requires wholesalers and 3PLs to submit annual reports to the FDA, which include information regarding each state where the wholesaler or 3PL is licensed, the name and address of each facility and contact information. According to FDA guidance, states are pre-empted from imposing any licensing requirements that are inconsistent with, less stringent than, directly related to, or covered by the standards established by federal law in this area. Current state licensing requirements will likely remain in effect until the FDA issues new regulations as directed by the DSCSA.

We believe that we are substantially compliant with applicable DSCSA requirements.

The Food and Drug Administration Amendments Act of 2007 and the Food and Drug Administration Safety and Innovation Act of 2012 amended the FDC Act to require the FDA to promulgate regulations to implement a unique device identification (“UDI”) system. The FDA is phasing in the implementation of the UDI regulations over seven years, generally beginning with the highest-risk devices (i.e., Class III medical devices) and ending with the lowest-risk devices. The UDI regulations require “labelers” to include unique device identifiers (“UDIs”), with a content and format prescribed by the FDA and issued under a system operated by an FDA-accredited issuing agency, on the labels and packages of medical devices, and to directly mark certain devices with UDIs. The UDI

regulations also require labelers to submit certain information concerning UDI-labeled devices to the FDA, much of which information is publicly available on an FDA database, the Global Unique Device Identification Database. The UDI regulations provide for certain exceptions, alternatives and time extensions. For example, the UDI regulations include a general exception for Class I devices exempt from the Quality System Regulation (other than record-keeping requirements and complaint files). Regulated labelers include entities such as device manufacturers, repackagers, reproducers and relabelers that cause a device's label to be applied or modified, with the intent that the device will be commercially distributed without any subsequent replacement or modification of the label, and include certain of our businesses.

We believe that we are substantially compliant with applicable UDI requirements.

Under the Controlled Substances Act, as a distributor of controlled substances, we are required to obtain and renew annually registrations for our facilities from the United States Drug Enforcement Administration ("DEA") permitting us to handle controlled substances. We are also subject to other statutory and regulatory requirements relating to the storage, sale, marketing, handling and distribution of such drugs, in accordance with the Controlled Substances Act and its implementing regulations, and these requirements have been subject to heightened enforcement activity in recent times. We are subject to inspection by the DEA.

Certain of our businesses are also required to register for permits and/or licenses with, and comply with operating and security standards of, the DEA, the FDA, the United States Department of Health and Human Services, and various state boards of pharmacy, state health departments and/or comparable state agencies as well as comparable foreign agencies, and certain accrediting bodies depending on the type of operations and location of product distribution, manufacturing or sale. These businesses include those that distribute, manufacture and/or repackage prescription pharmaceuticals and/or medical devices and/or HCT/P products, or own pharmacy operations, or install, maintain or repair equipment. In addition, Section 301 of the National Organ Transplant Act, and a number of comparable state laws, impose civil and/or criminal penalties for the transfer of certain human tissue (for example, human bone products) for valuable consideration, while generally permitting payments for the reasonable costs incurred in procuring, processing, storing and distributing that tissue. We are also subject to foreign government regulation of such products. The DEA, the FDA and state regulatory authorities have broad inspection and enforcement powers, including the ability to suspend or limit the distribution of products by our distribution centers, seize or order the recall of products and impose significant criminal, civil and administrative sanctions for violations of these laws and regulations. Foreign regulations subject us to similar foreign enforcement powers. Furthermore, compliance with legal requirements has required and may in the future require us to institute voluntary recalls of products we sell, which could result in financial losses and potential reputational harm. Our customers are also subject to significant federal, state, local and foreign governmental regulation.

Certain of our businesses are subject to various additional federal, state, local and foreign laws and regulations, including with respect to the sale, transportation, storage, handling and disposal of hazardous or potentially hazardous substances, and safe working conditions.

Certain of our businesses also maintain contracts with governmental agencies and are subject to certain regulatory requirements specific to government contractors.

Antitrust

The U.S. federal government, most U.S. states and many foreign countries have antitrust laws that prohibit certain types of conduct deemed to be anti-competitive. Violations of antitrust laws can result in various sanctions, including criminal and civil penalties. Private plaintiffs also could bring civil lawsuits against us in the United States for alleged antitrust law violations, including claims for treble damages.

Health Care Fraud

Certain of our businesses are subject to federal and state (and similar foreign) health care fraud and abuse, referral and reimbursement laws and regulations with respect to their operations. Some of these laws, referred to as “false claims laws,” prohibit the submission or causing the submission of false or fraudulent claims for reimbursement to federal, state and other health care payers and programs. Other laws, referred to as “anti-

kickback laws,” prohibit soliciting, offering, receiving or paying remuneration in order to induce the referral of a patient or ordering, purchasing, leasing or arranging for or recommending ordering, purchasing or leasing, of items or services that are paid for by federal, state and other health care payers and programs.

The fraud and abuse laws and regulations have been subject to varying interpretations, as well as heightened enforcement activity over the past few years, and significant enforcement activity has been the result of “relators,” who serve as whistleblowers by filing complaints in the name of the United States (and if applicable, particular states) under federal and state false claims laws. Under the federal False Claims Act relators can be entitled to receive up to 30% of total recoveries. Also, violations of the federal False Claims Act can result in treble damages, and, in accordance with an interim final rule published by the Department Justice on June 30, 2016, which substantially increased maximum civil penalties for False Claims Act violations, the amounts for civil penalties assessed after August 1, 2016, whose associated violations occurred after November 2, 2015, were increased from \$11,000 per claim for pre-November 2, 2011 violations to up to \$21,563 per claim. Most states have adopted similar state false claims laws, and these state laws have their own penalties which may be in addition to federal False Claims Act penalties. The Health Care Reform Law significantly strengthened the federal False Claims Act and the federal Anti-Kickback Law provisions, which could lead to the possibility of increased whistleblower or relator suits, and among other things made clear that a federal Anti-Kickback Law violation can be a basis for federal False Claims Act liability.

The United States government (among others) has expressed concerns about financial relationships between suppliers on the one hand and physicians and dentists on the other. As a result, we regularly review and revise our marketing practices as necessary to facilitate compliance.

We also are subject to certain United States and foreign laws and regulations concerning the conduct of our foreign operations, including the U.S. Foreign Corrupt Practices Act, the U.K. Bribery Act, German anti-corruption laws and other anti-bribery laws and laws pertaining to the accuracy of our internal books and records, which have been the focus of increasing enforcement activity globally in recent years.

Failure to comply with fraud and abuse laws and regulations could result in significant civil and criminal penalties and costs, including the loss of licenses and the ability to participate in federal and state health care programs, and could have a material adverse effect on our business. Also, these measures may be interpreted or applied by a prosecutorial, regulatory or judicial authority in a manner that could require us to make changes in our operations or incur substantial defense and settlement expenses. Even unsuccessful challenges by regulatory authorities or private relators could result in reputational harm and the incurring of substantial costs. In addition, many of these laws are vague or indefinite and have not been interpreted by the courts, and have been subject to frequent modification and varied interpretation by prosecutorial and regulatory authorities, increasing the risk of noncompliance.

While we believe that we are substantially compliant with applicable fraud and abuse laws and regulations, and have adequate compliance programs and controls in place to ensure substantial compliance, we cannot predict whether changes in applicable law, or interpretation of laws, or changes in our services or marketing practices in response to

changes in applicable law or interpretation of laws, could have a material adverse effect on our business.

Health Care Reform

The United States Health Care Reform Law adopted through the March 2010 enactment of the Patient Protection and Affordable Care Act and the Health Care and Education Reconciliation Act increased federal oversight of private health insurance plans and included a number of provisions designed to reduce Medicare expenditures and the cost of health care generally, to reduce fraud and abuse, and to provide access to increased health coverage.

The Health Care Reform Law requirements include a 2.3% excise tax on domestic sales of many medical devices by manufacturers and importers that began in 2013 and a fee on branded prescription drugs and biologics that was implemented in 2011, both of which may affect sales. However, with respect to the medical device excise tax, a two-year moratorium was imposed under the Consolidated Appropriations Act, 2016, suspending the

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imposition of the tax on device sales during the period beginning January 1, 2016 and ending on December 31, 2017. The Health Care Reform Law has also materially expanded the number of individuals in the United States with health insurance. The Health Care Reform Law has faced ongoing legal challenges, including litigation seeking to invalidate some of or all of the law or the manner in which it has been implemented. In addition, the President and majorities in both houses of Congress have stated their intention to repeal the Health Care Reform Law. The uncertain status of the Health Care Reform Law affects our ability to plan.

A Health Care Reform Law provision, generally referred to as the Physician Payment Sunshine Act or Open Payments Program, has imposed new reporting and disclosure requirements for drug and device manufacturers with regard to payments or other transfers of value made to certain practitioners (including physicians, dentists and teaching hospitals), and for such manufacturers and for group purchasing organizations, with regard to certain ownership interests held by physicians in the reporting entity. The Centers for Medicare and Medicaid Services (“CMS”) publishes information from these reports on a publicly available website, including amounts transferred and physician, dentist and teaching hospital identities.

Under the Physician Payment Sunshine Act we are required to collect and report detailed information regarding certain financial relationships we have with physicians, dentists and teaching hospitals. We believe that we are substantially compliant with applicable Physician Payment Sunshine Act requirements. The Physician Payment Sunshine Act pre-empts similar state reporting laws, although we or our subsidiaries may also be required to report under certain state transparency laws that address circumstances not covered by the Physician Payment Sunshine Act, and some of these state laws, as well as the federal law, can be ambiguous. We are also subject to foreign regulations requiring transparency of certain interactions between suppliers and their customers. While we believe we have substantially compliant programs and controls in place to comply with these requirements, our compliance with these rules imposes additional costs on us.

Another notable Medicare health care reform initiative, the Medicare Access and CHIP Reauthorization Act of 2015 (“MACRA”), enacted on April 16, 2015, establishes a new payment framework, called the Quality Payment Program, which modifies certain Medicare payments to “eligible clinicians,” including physicians, dentists and other practitioners. Under MACRA, eligible clinicians will be required to participate in Medicare through the Merit-Based Incentive Payment System (“MIPS”) or Advanced Alternative Payment Models (“APMs”). MIPS generally will consolidate three current programs; the physician quality reporting system, the value-based payment modifier and the Medicare electronic health record (“EHR”) programs into a single program in which Medicare reimbursement to eligible clinicians will include both positive and negative payment adjustments that take into account quality, resource use, clinical practice improvement and meaningful use of certified EHR technology. Advanced APMs generally involve higher levels of financial and technology risk. The final rule was published in the Federal Register on November 4, 2016 and announced some flexibilities that allow eligible Medicare clinicians to pick their pace of participation for the first performance period that began January 1, 2017. The data collected in the first performance year will determine payment adjustments beginning January 1, 2019. MACRA represents a fundamental change in physician reimbursement that is expected to provide substantial financial incentives for physicians to participate in risk contracts, and to increase physician information technology and reporting obligations. The implications of the implementation of MACRA are uncertain and will depend on future regulatory activity and physician activity in the marketplace. MACRA may encourage physicians to move from smaller practices to larger physician groups or hospital employment, leading to a consolidation of a portion of our customer base. Although we believe that we are

positioned to capitalize on this consolidation trend, there can be no assurances that we will be able to successfully accomplish this.

Regulated Software; Electronic Health Records

The FDA has become increasingly active in addressing the regulation of computer software intended for use in health care settings, and has developed and continues to develop policies on regulating clinical decision support tools and other types of software as medical devices. Certain of our businesses involve the development and sale of software and related products to support physician and dental practice management, and it is possible that the FDA or foreign government authorities could determine that one or more of our products is a medical device, which could subject us or one or more of our businesses to substantial additional requirements with respect to these products.

In addition, our businesses that involve physician and dental practice management products include electronic information technology systems that store and process personal health, clinical, financial and other sensitive information of individuals. These information technology systems may be vulnerable to breakdown, wrongful intrusions, data breaches and malicious attack, which could require us to expend significant resources to eliminate these problems and address related security concerns, and could involve claims against us by private parties and/or governmental agencies. For example, we are directly or indirectly subject to numerous and evolving federal, state, local and foreign laws and regulations that protect the privacy and security of such information, such as the privacy and security provisions of the federal Health Insurance Portability and Accountability Act of 1996, as amended, and implementing regulations (“HIPAA”). HIPAA requires, among other things, the implementation of various recordkeeping, operational, notice and other practices intended to safeguard that information, limit its use to allowed purposes and notify individuals in the event of privacy and security breaches. Failure to comply with these laws and regulations can result in substantial penalties and other liabilities.

We also sell products and services that health care providers, such as physicians and dentists, use to store and manage patient medical or dental records. These customers are subject to laws and regulations, such as HIPAA, which require that they protect the privacy and security of those records, and our products may be used as part of these customers’ comprehensive data security programs, including in connection with their efforts to comply with applicable privacy and security laws. Perceived or actual security vulnerabilities in our products or services, or the perceived or actual failure by us or our customers who use our products to comply with applicable legal requirements, may not only cause us significant reputational harm, but may also lead to claims against us by our customers and/or governmental agencies and involve substantial fines, penalties and other liabilities and expenses and costs for remediation.

Federal initiatives provide a program of incentive payments available to certain health care providers involving the adoption and use of certain electronic health care records systems and processes. The initiatives include providing, among others, physicians and dentists, with financial incentives, if they meaningfully use certified EHR technology in accordance with applicable and evolving requirements. In addition, Medicare-eligible providers that fail to timely adopt certified EHR systems and meet “meaningful use” requirements for those systems in accordance with regulatory requirements are to be subject to cumulative Medicare reimbursement reductions, which reductions for applicable health professionals (including physicians and dentists) began on January 1, 2015. Qualification for the incentive payments requires the use of EHRs that have certain capabilities for meaningful use pursuant to evolving standards adopted by CMS and by the Office of the National Coordinator for Health Information Technology (“ONC”) of the Department of Health and Human Services (“HHS”).

The use of certified EHR technology will continue as a feature of MACRA’s MIPS program, and in connection with this, Medicare EHR program payment adjustments to eligible clinicians will sunset at the end of 2018 and MIPS payment adjustments will begin on January 1, 2019. The first performance period for MIPS began January 1, 2017, and will afford eligible clinicians different reporting options linked to the amount of data reported and the duration of the reporting period, with positive payment adjustments generally linked to more robust reporting.

On October 6, 2015, CMS and ONC released comprehensive final rules with respect to the EHR program that, among other things, established the more challenging “Stage 3” criteria, made certain adjustments to Stage 1 and Stage 2

standards (e.g., reducing the 2015 reporting period from a full year to 90 days), and finalized 2015 edition health information technology (HIT) certification criteria (which is now added to the existing 2014 edition HIT certification criteria, but not required until 2018). Notably, under the new rules, compliance with Stage 3 standards is optional for providers in 2017, and would generally be required for all eligible providers (regardless of prior participation in the EHR incentive program) for 2018 reporting periods and subsequently. Developers and others involved in the manufacture of EHR program technology will have this interim period to develop and certify products and work with customers to implement products for the 2018 EHR program period. In connection with the release of the October 6 rules, HHS has also stated that it will continue to modify applicable EHR program standards. On November 14, 2016, CMS published a final rule that will impact Medicare and Medicaid EHR incentive programs through revisions to the objectives and measures for eligible hospitals, critical access hospitals and dual-eligible hospitals.

Certain of our businesses involve the manufacture and sale of certified EHR systems and other products linked to incentive programs, and therefore we must maintain compliance with, and are affected by, these changing

governmental criteria. Moreover, in order to satisfy our customers, our products may need to incorporate increasingly complex reporting functionality. Although we believe we are positioned to accomplish this, the effort may involve increased costs, and our failure to implement product modifications, or otherwise satisfy applicable standards, could have a material adverse effect on our business.

Other health information standards, such as regulations under HIPAA, establish standards regarding electronic health data transmissions and transaction code set rules for specific electronic transactions, such as transactions involving claims submissions to third party payers. Certain of our businesses provide electronic practice management products that must meet these requirements. Failure to abide by electronic health data transmission standards could expose us to breach of contract claims, substantial fines, penalties, and other liabilities and expenses, costs for remediation and harm to our reputation.

There may be additional legislative initiatives in the future impacting health care.

International Transactions

In addition, United States and foreign import and export laws and regulations require us to abide by certain standards relating to the importation and exportation of products. We also are subject to certain laws and regulations concerning the conduct of our foreign operations, including the U.S. Foreign Corrupt Practices Act, the U.K. Bribery Act, German anti-corruption laws and other anti-bribery laws and laws pertaining to the accuracy of our internal books and records, as well as other types of foreign requirements similar to those imposed in the United States.

While we believe that we are substantially compliant with the foregoing laws and regulations promulgated thereunder and possess all material permits and licenses required for the conduct of our business, there can be no assurance that regulations that impact our business or customers' practices will not have a material adverse effect on our business. As a result of political, economic and regulatory influences, the health care distribution industry in the United States is under intense scrutiny and subject to fundamental changes. We cannot predict what further reform proposals, if any, will be adopted, when they may be adopted, or what impact they may have on us.

See "ITEM 1A. Risk Factors" for a discussion of additional burdens, risks and regulatory developments that may affect our results of operations and financial condition.

Proprietary Rights

Competition

We hold trademarks relating to the “Henry Schein®” name and logo, as well as certain other trademarks. We intend to protect our trademarks to the fullest extent practicable.

Employees

As of December 31, 2016, we employed more than 21,000 full-time employees, including approximately 2,200 telesales representatives, 3,800 field sales consultants, including equipment sales specialists, 4,550 warehouse employees, 650 computer programmers and technicians, 1,025 management employees and 8,800 office, clerical and administrative employees. Approximately 1,747, or 8%, of our employees were subject to collective bargaining agreements. We believe that our relations with our employees are excellent.

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Available Information

We make available free of charge through our Internet website, www.henryschein.com, our annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, statements of beneficial ownership of securities on Forms 3, 4 and 5 and amendments to these reports and statements filed or furnished pursuant to Section 13(a) and Section 16 of the Securities Exchange Act of 1934 as soon as reasonably practicable after such materials are electronically filed with, or furnished to, the United States Securities and Exchange Commission, or SEC.

The above information is also available at the SEC's Office of Investor Education and Advocacy at United States Securities and Exchange Commission, 100 F Street, N.E., Washington, D.C. 20549-0213 or obtainable by calling the SEC at (800) 732-0330. In addition, the SEC maintains an Internet website at www.sec.gov, where the above information can be viewed.

Our principal executive offices are located at 135 Duryea Road, Melville, New York 11747, and our telephone number is (631) 843-5500. Unless the context specifically requires otherwise, the terms the "Company," "Henry Schein," "we," "us" and "our" mean Henry Schein, Inc., a Delaware corporation, and its consolidated subsidiaries.

Executive Officers of the Registrant

The following table sets forth certain information regarding our executive officers:

Name

Age

| | |
|---------------------------|----|
| Stanley M. Bergman | 67 |
| Gerald A. Benjamin | 64 |
| James P. Breslawski | 63 |
| Michael S. Ettinger | 55 |
| James A. Harding | 61 |
| Peter McCarthy | 57 |
| Lorelei McGlynn | 53 |
| David C. McKinley | 64 |
| Bob Minowitz | 58 |
| Mark E. Mlotek | 61 |
| Steven Paladino | 59 |
| Karen Prange..... | 53 |
| Michael Racioppi | 62 |
| Paul Rose | 59 |
| Bridget A. Ross | 52 |
| Walter Siegel | 57 |

Stanley M. Bergman has been our Chairman and Chief Executive Officer since 1989 and a director since 1982. Mr. Bergman held the position of President from 1989 to 2005. Mr. Bergman held the position of Executive Vice President from 1985 to 1989 and Vice President of Finance and Administration from 1980 to 1985.

Gerald A. Benjamin has been our Executive Vice President and Chief Administrative Officer since 2000 and a director since 1994. Prior to holding his current position, Mr. Benjamin was Senior Vice President of Administration and Customer Satisfaction since 1993. Mr. Benjamin was Vice President of Distribution Operations from 1990 to 1992 and Director of Materials Management from 1988 to 1990. Before joining us in 1988, Mr. Benjamin was employed for 12 years at Estée Lauder, Inc., in various management positions where his last position was Director of Materials Planning and Control.

James P. Breslawski has been our President since 2005 and a director since 1992. Mr. Breslawski is also the Chief Executive Officer of our Henry Schein Global Dental Group. Mr. Breslawski held the position of Executive Vice President and President of U.S. Dental from 1990 to 2005, with primary responsibility for the North American Dental Group. Between 1980 and 1990, Mr. Breslawski held various positions with us, including Chief Financial Officer, Vice President of Finance and Administration and Corporate Controller.

Michael S. Ettinger has been Senior Vice President, Corporate & Legal Affairs, Chief of Staff and Secretary since 2015. Prior to his current position, Mr. Ettinger served as Senior Vice President, Corporate & Legal Affairs and Secretary from 2013 to 2015, Corporate Senior Vice President, General Counsel & Secretary from 2006 to 2013, Vice President, General Counsel and Secretary from 2000 to 2006, Vice President and Associate General Counsel from 1998 to 2000 and Associate General Counsel from 1994 to 1998. Before joining us, Mr. Ettinger served as a senior associate with Bower & Gardner and as a member of the Tax Department at Arthur Andersen.

James A. Harding has been our Corporate Chief Technology Officer since 2005 and Senior Vice President since 2001. Prior to holding his current position, Mr. Harding was Chief Information Officer since 2001, with primary responsibility for worldwide information technology.

Peter McCarthy has been President, Global Animal Health Group since 2015. Prior to holding his current position, Mr. McCarthy was President, Henry Schein International Animal Health from 2012 to 2015 and President, Henry Schein Animal Health, Europe from 2010 to 2012. Prior to joining us, Mr. McCarthy was employed with Schering-Plough Animal Health (now Merck Animal Health), serving as Senior Director, Global Operations and General Manager, China. Mr. McCarthy also worked at Wyeth/American Cyanamid for 14 years, helping to grow the human pharmaceutical business.

Lorelei McGlynn has served as Senior Vice President, Global Human Resources and Financial Operations since 2013. Since joining us in 1999, Ms. McGlynn has served as Vice President, Global Human Resources and Financial Operations from 2008 to 2013, Chief Financial Officer, International Group and Vice President of Global Financial Operations from 2002 to 2008 and Vice President, Finance, North America from 1999 to 2002. Prior to joining us, Ms. McGlynn served as Assistant Vice President of Finance at Adecco Corporation.

David C. McKinley has been Chief Commercial Officer and President, Corporate Commercial Development Group since 2016. Before assuming his current position, Mr. McKinley was President of Henry Schein's Medical Group since 2008. Mr. McKinley was President of Henry Schein Practice Solutions from 2006 to 2008 and President of Dental Prosthetic Solutions from 2005 to 2006. Prior to joining us, Mr. McKinley served as the Group Executive for Olympus Medical North America and as General Manager for the Bard Urology and Bard Germany businesses. Mr. McKinley currently serves on the Health Industry Distributors Association (HIDA) Education Foundation.

Bob Minowitz has been President of Henry Schein's International Dental Group since 2012 with the addition of responsibility for the EMEA region beginning in 2016. Before assuming his current position, Mr. Minowitz held a number of key roles with increasing responsibility throughout the Company, including President, Henry Schein European Dental Group from 2009 to 2012, President, Henry Schein Western Europe, Middle East and Pacific Regions from 2006 to 2009, Managing Director, Henry Schein U.K. Holdings from 2004 to 2006, President Henry Schein Western Europe from 2004 to 2006 and President Henry Schein Europe from 2001 to 2004. Prior to joining us, Mr. Minowitz was employed by Bristol-Myers Company as a Senior Internal Auditor.

Mark E. Mlotek has been Executive Vice President and Chief Strategic Officer since 2012. Mr. Mlotek was Senior Vice President and subsequently Executive Vice President of the Corporate Business Development Group between 2000 and 2012. Prior to that, Mr. Mlotek was Vice President, General Counsel and Secretary from 1994 to 1999 and became a director in 1995. Prior to joining us, Mr. Mlotek was a partner in the law firm of Proskauer Rose LLP, counsel to us, specializing in mergers and acquisitions, corporate reorganizations and tax law from 1989 to 1994.

Steven Paladino has been our Executive Vice President and Chief Financial Officer since 2000. Prior to holding his current position, Mr. Paladino was Senior Vice President and Chief Financial Officer from 1993 to 2000 and has been a director since 1992. From 1990 to 1992, Mr. Paladino served as Vice President and Treasurer and from 1987 to

1990 served as Corporate Controller. Before joining us, Mr. Paladino was employed in public accounting for seven years, most recently with the international accounting firm of BDO USA, LLP. Mr. Paladino is a certified public accountant.

Karen Prange has been Executive Vice President and Chief Executive Officer, Global Animal Health, Medical and Dental Surgical Group since 2016. Before joining us, Ms. Prange was Senior Vice President and President, Urology and Pelvic Health at Boston Scientific Corporation since 2012 and held various positions of increasing responsibility at Johnson & Johnson, most recently as General Manager of the Micrus Endovascular and Codman Neurovascular businesses. Ms. Prange is a member of the Committee of 200 (C200), a membership organization of the world's most successful women entrepreneurs and corporate innovators.

Michael Racioppi has been our Senior Vice President, Chief Merchandising Officer since 2008. Prior to holding his current position, Mr. Racioppi was President of the Medical Division from 2000 to 2008 and Interim President from 1999 to 2000, and Corporate Vice President from 1994 to 2008, with primary responsibility for the Medical Group, Marketing and Merchandising departments. Mr. Racioppi served as Senior Director, Corporate Merchandising from 1992 to 1994. Before joining us in 1992, Mr. Racioppi was employed by Ketchum Distributors, Inc. as the Vice President of Purchasing and Marketing. He currently serves on the board of National Distribution and Contracting and previously served on the board of Health Distribution Management Association and Health Industry Distributors Association (HIDA).

Paul Rose has served as Senior Vice President, Global Supply Chain since 2013. Prior to holding his current position, Mr. Rose held a number of key roles with increasing responsibility throughout the Company, including serving as Vice President, Global Supply Chain from 2008 to 2013, Vice President, Global Inventory Management from 2004 to 2008 and Vice President, Inventory Management, North America from 2001 to 2004. He also served on the HIDA Supply Chain Advisory Council and as the National Wholesale Druggists' Associations Pharmaceutical Market Committee Chairman.

Bridget A. Ross has been our President, Global Medical Group since February 2017. Before joining us, Ms. Ross was Vice President of Commercial Operations, North America for Johnson & Johnson's Medical Devices Group. During her 28-year career at Johnson & Johnson, Ms. Ross held roles including Global President of Acclarent, Inc. and Global President for Ethicon's Women's Health & Urology, both Johnson & Johnson Medical Device companies.

Walter Siegel has been Senior Vice President and General Counsel since 2013. Prior to joining us, Mr. Siegel was employed with Standard Microsystems Corporation, a publicly traded global semiconductor company from 2005 to 2012, holding positions of increasing responsibility, most recently as Senior Vice President, General Counsel and Secretary.

ITEM 1A. Risk Factors

The risks described below could have a material adverse effect on our business, reputation, financial condition and/or the trading price of our common stock. Although it is not possible to predict or identify all such risks and uncertainties, they may include, but are not limited to, the factors discussed below. Our business operations could also be affected by additional factors that are not presently known to us or that we currently consider not to be material to our operations. You should not consider this list to be a complete statement of all risks and uncertainties. The order in which these factors appear should not be construed to indicate their relative importance or priority.

The health care products distribution industry is highly competitive and consolidating and we may not be able to compete successfully.

We compete with numerous companies, including several major manufacturers and distributors. Some of our competitors have greater financial and other resources than we do, which could allow them to compete more successfully. Most of our products are available from several sources and our customers tend to have relationships with several distributors. Competitors could obtain exclusive rights to market particular products, which we would then be unable to market. Manufacturers also could increase their efforts to sell directly to end-users and thereby eliminate or reduce our role and that of other distributors. Industry consolidation among health care product distributors, price competition, the unavailability of products, whether due to our inability to gain access to products or to interruptions in supply from manufacturers, or the emergence of new competitors also could increase competition. There has also been increasing consolidation among manufacturers of health care products which could have a material adverse effect on our margins and product availability. Additionally, in this competitive market, some of our contracts contain minimum purchase commitments. We could be subject to charges and financial losses in the event we fail to satisfy minimum purchase commitments. In the future, we may be unable to compete successfully and competitive pressures may reduce our revenues and profitability.

Because substantially all of the products that we distribute are not manufactured by us, we are dependent upon third parties for the manufacture and supply of substantially all of our products.

We obtain substantially all of our products from third parties. Generally, we do not have long-term contracts with our suppliers committing them to supply products to us. Therefore, suppliers may not provide the products we need in the quantities we request. While there is generally more than one source of supply for most of the categories of products we sell, some key suppliers, in the aggregate, supply a significant portion of the products we sell. Additionally, because we generally do not control the actual production of the products we sell, we may be subject to delays caused by interruption in production based on conditions outside of our control, including the failure to comply with applicable government requirements. The failure of manufacturers of products regulated by the FDA or other governmental agencies to meet these requirements could result in product recall, cessation of sales or other market disruptions. In the event that any of our third-party suppliers were to become unable or unwilling to continue to provide the products in required volumes, we would need to identify and obtain acceptable replacement sources on a

timely basis. There is no guarantee that we would be able to obtain such alternative sources of supply on a timely basis, if at all. An extended interruption in the supply of our products, especially any high sales volume product, could have a material adverse effect on our results of operations, which most likely would adversely affect the value of our common stock.

Our revenues and profitability depend on our relationships with capable sales personnel as well as customers, suppliers and manufacturers of the products that we distribute.

Our future revenues and profitability depend on our ability to maintain satisfactory relationships with qualified sales personnel as well as customers, suppliers and manufacturers. If we fail to maintain our existing relationships with such persons or fail to acquire relationships with such key persons in the future, our business may be materially adversely affected.

Our future success is substantially dependent upon our senior management.

Our future success is substantially dependent upon the efforts and abilities of members of our existing senior management, particularly Stanley M. Bergman, Chairman and Chief Executive Officer, among others. The loss of the services of Mr. Bergman could have a material adverse effect on our business. We have an employment agreement with Mr. Bergman. We do not currently have “key man” life insurance policies on any of our employees. Competition for senior management is intense and we may not be successful in attracting and retaining key personnel.

We experience fluctuations in quarterly earnings. As a result, we may fail to meet or exceed the expectations of securities analysts and investors, which could cause our stock price to decline.

Our business is subject to seasonal and other quarterly fluctuations. Revenues and profitability generally have been higher in the third and fourth quarters due to the timing of sales of seasonal products (including influenza vaccine, equipment and software products), purchasing patterns of office-based health care practitioners and year-end promotions. Revenues and profitability generally have been lower in the first quarter, primarily due to increased sales in the prior two quarters. We expect our historical seasonality of sales to continue in the foreseeable future. Quarterly results may also be materially adversely affected by a variety of other factors, including:

- timing and amount of sales and marketing expenditures;
- timing of pricing changes offered by our suppliers;
- timing of the introduction of new products and services by our suppliers;
- timing of the release of upgrades and enhancements to our technology-related products and services;
- changes in or availability of supplier contracts or rebate programs;
- supplier rebates based upon attaining certain growth goals;
- changes in the way suppliers introduce or deliver products to market;
- costs of developing new applications and services;

Our future revenues and profitability depend on our ability to maintain satisfactory relationships with qualified sales

- our ability to correctly identify customer needs and preferences and predict future needs and preferences;
- uncertainties regarding potential significant breaches of data security or disruptions of our information technology systems;
- unexpected regulatory actions, or government regulation generally;
- exclusivity requirements with certain suppliers may prohibit us from distributing competitive products manufactured by other suppliers;
- loss of sales representatives;
- costs related to acquisitions and/or integrations of technologies or businesses;
- costs associated with our self-insured medical and dental insurance programs;
- general market and economic conditions, as well as those specific to the health care industry and related industries;
- our success in establishing or maintaining business relationships;
- unexpected difficulties in developing and manufacturing products;
- product demand and availability or recalls by manufacturers;

- exposure to product liability and other claims in the event that the use of the products we sell results in injury;
- increases in shipping costs or service issues with our third-party shippers;
- fluctuations in the value of foreign currencies;
- restructuring costs;
- the adoption or repeal of legislation; and
- changes in accounting principles.

Any change in one or more of these or other factors could cause our annual or quarterly financial results to fluctuate. If our financial results do not meet market expectations, our stock price may decline.

Expansion of group purchasing organizations (“GPO”) or provider networks and the multi-tiered costing structure may place us at a competitive disadvantage.

The medical products industry is subject to a multi-tiered costing structure, which can vary by manufacturer and/or product. Under this structure, certain institutions can obtain more favorable prices for medical products than we are able to obtain. The multi-tiered costing structure continues to expand as many large integrated health care providers and others with significant purchasing power, such as GPOs, demand more favorable pricing terms. Additionally, the formation of provider networks and GPOs may shift purchasing decisions to entities or persons with whom we do not have a historical relationship. This may threaten our ability to compete effectively, which would in turn negatively impact our financial results. Although we are seeking to obtain similar terms from manufacturers, obtain access to lower prices demanded by GPO contracts or other contracts, and develop relationships with provider networks and new GPOs, we cannot assure that such terms will be obtained or contracts will be executed.

Increases in shipping costs or service issues with our third-party shippers could harm our business.

Shipping is a significant expense in the operation of our business. We ship almost all of our orders through third-party delivery services, and typically bear the cost of shipment. Accordingly, any significant increase in shipping rates could have a material adverse effect on our operating results. Similarly, strikes or other service interruptions by those shippers could cause our operating

expenses to rise and materially adversely affect our ability to deliver products on a timely basis.

Uncertain global macro-economic and political conditions could materially adversely affect our results of operations and financial condition.

Uncertain global macro-economic and political conditions that affect the economy and the economic outlook of the United States, Europe and other parts of the world could materially adversely affect our results of operations and financial condition. These uncertainties, include, among other things:

- the United Kingdom's vote to leave the European Union (generally referred to as Brexit) and any other similar referenda or actions by other European Union member countries (during 2016, approximately 7% of our consolidated net sales were invoiced to customers in the U.K. and approximately 26% of our consolidated net sales were invoiced to customers in Europe overall, including the U.K.);
- election results;
- changes to laws and policies governing foreign trade (including, without limitation, North American Free Trade Agreement (NAFTA) and other international trade agreements);
- greater restrictions on imports and exports;

- changes in laws and policies governing health care, including, without limitation possible repeal of the United States Health Care Reform Law;
- tariffs and sanctions;
- sovereign debt levels;
- the inability of political institutions to effectively resolve actual or perceived economic, currency or budgetary crises or issues;
- consumer confidence;
- unemployment levels (and a corresponding increase in the uninsured and underinsured population);
- changes in regulatory and tax regulations;
- increases in interest rates;
- availability of capital;
- increases in fuel and energy costs;
- changes in tax rates and the availability of certain tax deductions;
- increases in health care costs;
- the threat or outbreak of terrorism or public unrest; and
- changes in laws and policies governing manufacturing, development and investment in territories and countries where we do business

Additionally, changes in government, government debt and/or budget crises may lead to reductions in government spending in certain countries, which could reduce overall health care spending, and/or higher income or corporate taxes, which could depress spending overall.

Recessionary conditions and depressed levels of consumer and commercial spending may also cause customers to reduce, modify, delay or cancel plans to purchase our products and may cause suppliers to reduce their output or change their terms of sale. We generally sell products to customers with payment terms. If customers' cash flow or operating and financial performance deteriorates, or if they are unable to make scheduled payments or obtain credit,

Shipping is a significant expense in the operation of our business. We ship almost all of our orders through third-party

they may not be able to pay, or may delay payment to us. Likewise, for similar reasons suppliers may restrict credit or impose different payment terms. Any inability of current and/or potential customers to pay us for our products and/or services or any demands by suppliers for different payment terms may materially adversely affect our results of operations and financial condition.

Disruptions in the financial markets may materially adversely affect the availability and cost of credit to us.

Our ability to make scheduled payments or refinance our obligations with respect to indebtedness will depend on our operating and financial performance, which in turn is subject to prevailing economic conditions and financial, business and other factors beyond our control. Disruptions in the financial markets may materially adversely affect the availability and cost of credit to us.

The market price for our common stock may be highly volatile.

The market price for our common stock may be highly volatile. A variety of factors may have a significant impact on the market price of our common stock, including:

- the publication of earnings estimates or other research reports and speculation in the press or investment community;
- changes in our industry and competitors;
- changes in government or legislation;
- our financial condition, results of operations and cash flows and prospects;
- stock repurchases;
- any future issuances of our common stock, which may include primary offerings for cash, stock splits, issuances in connection with business acquisitions, issuances of restricted stock/units and the grant or exercise of stock options from time to time;
- general market and economic conditions; and
- any outbreak or escalation of hostilities in areas where we do business.

In addition, the NASDAQ Stock Market can experience extreme price and volume fluctuations that can be unrelated or disproportionate to the operating performance of the companies listed on NASDAQ. Broad market and industry factors may negatively affect the market price of our common stock, regardless of actual operating performance. In the past, following periods of volatility in the market price of a company's securities, securities class action litigation has often been instituted against companies. This type of litigation, if instituted, could result in substantial costs and a diversion of management's attention and resources, which could have a material adverse effect on our business.

The health care industry is experiencing changes that could materially adversely affect our business.

The health care industry is highly regulated and subject to changing political, economic and regulatory influences. In recent years, the health care industry has undergone, and is in the process of undergoing, significant changes driven by various efforts to reduce costs, including, among other things: trends toward managed care; consolidation of health care distribution companies; consolidation of health care manufacturers; collective purchasing arrangements and consolidation among office-based health care practitioners; and changes in reimbursements to customers, as well as

The market price for our common stock may be highly volatile.

growing enforcement activities (and related monetary recoveries) by governmental officials. Both our profitability and the profitability of our customers may be materially adversely affected by laws and regulations reducing reimbursement rates for pharmaceuticals and/or medical treatments or services, changing the methodology by which reimbursement levels are determined and, in the case of animal health practitioners, changes in the use of feed additives (including, without limitation, antibiotics and growth promotants) used in the production of animal products due to trade restrictions, animal welfare and/or government regulations; and changes in customer buying habits (including customers purchasing animal health pharmaceuticals outside the veterinarians' offices). If we are unable to react effectively to these and other changes in the health care industry, our financial results could be materially adversely affected.

The implementation of the Health Care Reform Law could materially adversely affect our business.

The United States Patient Protection and Affordable Care Act as amended by the Health Care and Education Reconciliation Act, each enacted in March 2010, generally known as the Health Care Reform Law, significantly expand health insurance coverage to uninsured Americans and changes the way health care is financed by both governmental and private payers.

The Health Care Reform Law contains many provisions designed to generate the revenues necessary to fund the coverage expansions and to reduce costs of Medicare and Medicaid, including imposing a 2.3% excise tax on domestic sales of many medical devices by manufacturers and importers that began in 2013, and a fee on branded prescription drugs and biologics that was implemented in 2011, both of which may adversely affect sales and cost of goods sold. However, with respect to the medical device excise tax, a two-year moratorium was imposed under the Consolidated Appropriations Act, 2016, suspending the imposition of the tax on device sales during the period beginning January 1, 2016 and ending on December 31, 2017. The Health Care Reform Law has also materially expanded the number of individuals in the United States with health insurance. The Health Care Reform Law has faced ongoing legal challenges, including litigation seeking to invalidate some of or all of the law or the manner in which it has been implemented. In addition, the President and the majorities in both houses of Congress have stated their intention to repeal the Health Care Reform Law. The uncertain status of the Health Care Reform Law also affects our ability to plan.

Another notable Medicare health care reform initiative, the MACRA, enacted on April 16, 2015, establishes a new payment framework, called the Quality Payment Program, which modifies certain Medicare payments to “eligible clinicians,” including physicians, dentists and other practitioners. Under MACRA, eligible clinicians will be required to participate in Medicare through MIPS or APMs. MIPS generally will consolidate three current programs; the physician quality reporting system, the value-based payment modifier, and the Medicare EHR program into a single program in which Medicare reimbursement to eligible clinicians will include both positive and negative payment adjustments that take into account quality, resource use, clinical practice improvement and meaningful use of certified EHR technology. Advanced APMs generally involve higher levels of financial and technology risk. The final rule was published in the Federal Register on November 4, 2016 and announced some flexibilities that will allow eligible Medicare clinicians to pick their pace of participation for the first performance period that began January 1, 2017. The data collected in the first performance year will determine payment adjustments beginning January 1, 2019. MACRA represents a fundamental change in physician reimbursement that is expected to provide substantial financial incentives for physicians to participate in risk contracts, and to increase physician information technology and reporting obligations. The implications of the implementation of MACRA are uncertain and will depend on future regulatory activity and physician activity in the marketplace. MACRA may encourage physicians to move from smaller practices to larger physician groups or hospital employment, leading to a consolidation of a portion of our customer base. Although we believe that we are positioned to capitalize on this consolidation trend, there can be no assurances that we will be able to successfully accomplish this.

The implementation of the reporting and disclosure obligations of the Physician Payment Sunshine Act provisions of the Health Care Reform Law could adversely affect our business.

A Health Care Reform Law provision, generally referred to as the Physician Payment Sunshine Act or Open Payments Program, imposes reporting and disclosure requirements for drug and device manufacturers with regard to payments or other transfers of value made to certain practitioners (including physicians, dentists and teaching hospitals), and for such manufacturers and for group purchasing organizations, with regard to certain ownership interests held by physicians in the reporting entity. CMS publishes information from these reports on a publicly available website, including amounts transferred and physician, dentist and teaching hospital identities. Under the Physician Payment Sunshine Act we are required to collect and report detailed information regarding certain financial relationships we have with physicians, dentists and teaching hospitals. We believe that we are substantially compliant with applicable

The market price for our common stock may be highly volatile.

Physician Payment Sunshine Act requirements. The Physician Payment Sunshine Act pre-empts similar state reporting laws, although we or our subsidiaries may also be required to report under certain state transparency laws that address circumstances not covered by the Physician Payment Sunshine Act, and some of these state laws, as well as the federal law, can be ambiguous. We are also subject to foreign regulations requiring transparency of certain interactions between suppliers and their customers. While we believe we have substantially compliant programs and controls in place to comply with these reporting requirements, our compliance with these new rules imposes additional costs on us.

Failure to comply with existing and future regulatory requirements could materially adversely affect our business.

Our business is subject to requirements under various local, state, federal and international laws and regulations

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applicable to the distribution of pharmaceuticals and medical devices, and human cells, tissue and cellular and tissue-based products, also known as HCT/P products, and animal feed and supplements. Among the federal laws with which we must comply are the Controlled Substances Act, the Federal Food, Drug, and Cosmetic Act, as amended, and Section 361 of the Public Health Services Act. Among other things, such laws, and the regulations promulgated thereunder:

- regulate the storage and distribution, labeling, packaging, handling, reporting, record keeping, introduction, manufacturing and marketing of drugs, HCT/P products and medical devices;
- subject us to inspection by the FDA and the DEA;
- regulate the storage, transportation and disposal of certain of our products that are considered hazardous materials;
- require us to advertise and promote our drugs and devices in accordance with applicable FDA requirements;
- require registration with the FDA and the DEA and various state agencies;
- require record keeping and documentation of transactions involving drug products;
- require us to design and operate a system to identify and report suspicious orders of controlled substances to the DEA;
- require us to manage returns of products that have been recalled and subject us to inspection of our recall procedures and activities; and
- impose reporting requirements if a pharmaceutical, HCT/P product or medical device causes serious illness, injury or death.

Applicable federal, state, local and foreign laws and regulations also may require us to meet various standards relating to, among other things, licensure or registration, sales and marketing practices, product integrity and supply tracking to the manufacturer of the product, personnel, privacy and security of health or other personal information, installation, maintenance and repair of equipment, and the importation and exportation of products. Our business also is subject to requirements of similar and other foreign governmental laws and regulations affecting our operations abroad. The FDA and DEA have recently increased their regulatory and enforcement activities.

The failure to comply with any of these regulations, or new interpretations of existing laws and regulations, or the imposition of any additional laws and regulations, could materially adversely affect our business. There can be no assurance that current government regulations will not adversely affect our business. The costs to us associated with complying with the various applicable statutes and regulations, as they now exist and as they may be modified, could be material. Allegations by a governmental body that we have not complied with these laws could have a material adverse effect on our businesses. While we believe that we are substantially compliant with applicable fraud and abuse and other laws and regulations, and believe we have adequate compliance programs and controls in place to ensure substantial compliance, if it is determined that we have not complied with these laws, we are potentially subject to penalties including warning letters, civil and criminal penalties, mandatory recall of product, seizure of product and injunction, consent decrees, and suspension or limitation of product sale and distribution. If we enter into settlement agreements to resolve allegations of non-compliance, we could be required to make settlement payments or be subject to civil and criminal penalties, including fines and the loss of licenses. Non-compliance with government requirements could adversely affect our ability to participate in federal and state government health care programs and damage our reputation.

If we fail to comply with laws and regulations relating to health care fraud or other laws and regulations, we could suffer penalties or be required to make significant changes to our operations, which could materially adversely affect our business.

Certain of our businesses are subject to federal and state (and similar foreign) health care fraud and abuse, referral and reimbursement laws and regulations with respect to their operations. Some of these laws, referred to as “false claims laws,” prohibit the submission or causing the submission of false or fraudulent claims for reimbursement to federal, state and other health care payers and programs. Other laws, referred to as “anti-kickback laws,” prohibit soliciting, offering, receiving or paying remuneration in order to induce the referral of a patient or ordering, purchasing, leasing or arranging for or recommending ordering, purchasing or leasing, of items or services that are paid for by federal, state and other health care payers and programs. Health care fraud measures may implicate, for example, our relationships with pharmaceutical manufacturers, our pricing and incentive programs for physician and dental practices, and our dental and physician practice management products that offer billing-related functionality.

The fraud and abuse regulations have been subject to varying interpretations, as well as heightened enforcement activity, over the past few years, and significant enforcement activity has been the result of “relators,” who serve as whistleblowers by filing complaints in the name of the United States (and if applicable, particular states) under federal and state false claims laws. Under the federal False Claims Act relators can be entitled to receive up to 30% of total recoveries. Also, violations of the federal False Claims Act can result in treble damages, and, in accordance with an interim final rule published by the Department of Justice on June 30, 2016, which substantially increased maximum civil penalties for False Claims Act violations, the amounts for civil penalties assessed after August 1, 2016, whose associated violations occurred after November 2, 2015, were increased from \$11,000 per claim for pre-November 2, 2011 violations to up to \$21,563 per claim. Most states have adopted similar state false claims laws, and these state laws have their own penalties which may be in addition to federal False Claims Act penalties. The Health Care Reform Law significantly strengthened the federal False Claims Act and the federal Anti-Kickback Law provisions, which could lead to the possibility of increased whistleblower or relator suits, and among other things made clear that a federal Anti-Kickback Law violation can be a basis for federal False Claims Act liability.

The United States government (among others) has expressed concerns about financial relationships between suppliers on the one hand and physicians and dentists on the other. As a result, we regularly review and revise our marketing practices as necessary to facilitate compliance.

We also are subject to certain United States and foreign laws and regulations concerning the conduct of our foreign operations, including the U.S. Foreign Corrupt Practices Act, the U.K. Bribery Act, the German Anti-Corruption Law and other anti-bribery laws, anti-corruption laws, and laws pertaining to the accuracy of our internal books and records, which have been the focus of increasing enforcement activity globally in recent years. Our businesses are generally subject to numerous other laws and regulations that could impact our financial results, including, without limitation, securities, antitrust and marketing laws and regulations. Failure to comply with laws or regulations could have a material adverse effect on our business.

The market price for our common stock may be highly volatile.

Failure to comply with fraud and abuse laws and regulations and other laws and regulations could result in significant civil and criminal penalties and costs, including the loss of licenses and the ability to participate in federal and state health care programs, and could have a material adverse effect on our business. Also, these measures may be interpreted or applied by a prosecutorial, regulatory or judicial authority in a manner that could require us to make changes in our operations or incur substantial defense and settlement expenses. Even unsuccessful challenges by regulatory authorities or private relators could result in reputational harm and the incurring of substantial costs. In addition, many of these laws are vague or indefinite and have not been interpreted by the courts, and have been subject to frequent modification and varied interpretation by prosecutorial and regulatory authorities, increasing the risk of non compliance. We may determine to enter into settlements, make payments, agree to consent decrees or enter into other arrangements to resolve such matters. For example, one of our subsidiaries recently resolved an investigation by the Federal Trade Commission related to the manner in which it advertised certain data security features of its dental practice management software, which resulted in a consent order and fine. Failure to comply with consent decrees could materially adversely affect our business.

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While we believe that we are substantially compliant with applicable fraud and abuse and other laws and regulations, and believe we have adequate compliance programs and controls in place to ensure substantial compliance, we cannot predict whether changes in applicable law, or interpretation of laws, or changes in our services or marketing practices in response to changes in applicable law or interpretation of laws, could have a material adverse effect on our business.

If we fail to comply with laws and regulations relating to the confidentiality of sensitive personal information or standards in electronic health data transmissions, we could be required to make significant changes to our products, or incur substantial fines, penalties or other liabilities.

Our businesses that involve physician and dental practice management products include electronic information technology systems that store and process personal health, clinical, financial and other sensitive information of individuals. These information technology systems may be vulnerable to breakdown, wrongful intrusions, data breaches and malicious attack, which could require us to expend significant resources to eliminate these problems and address related security concerns, and could involve claims against us by private parties and/or governmental agencies. For example, we are directly or indirectly subject to numerous federal, state, local and foreign laws and regulations that protect the privacy and security of such information, such as HIPAA. HIPAA requires, among other things, the implementation of various recordkeeping, operational, notice and other practices intended to safeguard that information, limit its use to allowed purposes and notify individuals in the event of privacy and security breaches. Failure to comply with these laws and regulations could expose us to breach of contract claims, substantial fines, penalties and other liabilities and expenses, costs for remediation and harm to our reputation. Also, evolving laws and regulations in this area could restrict the ability of our customers to obtain, use or disseminate patient information, or could require us to incur significant additional costs to re-design our products in a timely manner to reflect these legal requirements, either of which could have a material adverse effect on our results of operations.

Other health information standards, such as regulations under HIPAA, establish standards regarding electronic health data transmissions and transaction code set rules for specific electronic transactions, such as transactions involving claims submissions to third party payers. Certain of our businesses provide electronic practice management products that must meet these requirements. Failure to abide by electronic health data transmission standards could expose us to breach of contract claims, substantial fines, penalties and other liabilities and expenses, costs for remediation and harm to our reputation.

In addition, federal initiatives provide a program of incentive payments available to certain health care providers involving the adoption and use of certain electronic health care records systems and processes. The initiatives include providing, among others, physicians and dentists, with financial incentives if they meaningfully use certified EHR systems in accordance with applicable and evolving requirements. In addition, Medicare-eligible providers that fail to timely adopt certified EHR systems and meet “meaningful use” requirements for those systems in accordance with regulatory requirements are to be subject to cumulative Medicare reimbursement reductions, which reductions for applicable health professionals (including physicians and dentists) began on January 1, 2015. Qualification for the

The market price for our common stock may be highly volatile.

incentive payments requires the use of EHRs that have certain capabilities for meaningful use pursuant to evolving standards adopted by CMS and ONC.

On October 6, 2015, CMS and ONC released comprehensive final rules with respect to the EHR program that, among other things, established the more challenging “Stage 3” criteria, making certain adjustments to Stage 1 and Stage 2 standards (e.g., reducing the 2015 reporting period from a full year to 90 days), and finalized 2015 edition health technology (HIT) certification criteria (which is now added to the existing 2014 edition HIT certification criteria, but not required until 2018). Notably, under the new rules, compliance with Stage 3 standards is optional for providers in 2017, and would generally be required for all eligible providers (regardless of prior participation in the EHR incentive program) for 2018 reporting periods and subsequently. Developers and others involved in the manufacture of EHR program technology will have this interim period to develop and certify products, and work with customers to implement products for the 2018 EHR program period. In connection with the release of the October 6 rules, HHS has also stated it will continue to modify applicable EHR program standards. On November 14, 2016, CMS published a final rule that will impact Medicare and Medicaid EHR incentive programs through revisions to the objectives and measures for eligible hospitals, critical access hospitals, and dual-eligible

hospitals.

In addition, under MACRA, which establishes MIPS, over the next few years the EHR program is expected to become part of a more comprehensive federal quality measurement and incentive program, apparently with modified applicable requirements, and CMS has indicated that it may even supplant certain Stage 3 rules with more streamlined MIPS approaches. Certain of our businesses involve the manufacture and sale of certified EHR systems and other products linked to incentive programs, and therefore we must maintain compliance with, and are affected by, these changing governmental criteria.

Our global operations are subject to inherent risks that could materially adversely affect our business.

Global operations are subject to risks that may materially adversely affect our business. The risks that our global operations are subject to include, among other things:

- difficulties and costs relating to staffing and managing foreign operations;
- difficulties in establishing channels of distribution;
- fluctuations in the value of foreign currencies;
- longer payment cycles of foreign customers and difficulty of collecting receivables in foreign jurisdictions;
- repatriation of cash from our foreign operations to the United States;
- regulatory requirements;
- anti-bribery, anti-corruption and laws pertaining to the accuracy of our internal books and records;
- unexpected difficulties in importing or exporting our products;
- imposition of import/export tariffs, quotas, sanctions or penalties;

The market price for our common stock may be highly volatile.

- difficulties and delays inherent in sourcing products and contract manufacturing in foreign markets;
- limitations on our ability under local laws to protect our intellectual property;
- unexpected regulatory, legal, economic and political changes in foreign markets;
- changes in tax regulations that influence purchases of capital equipment;
- civil disturbances, geopolitical turmoil, including terrorism, war or political or military coups; and
- public health emergencies.

Our expansion through acquisitions and joint ventures involves risks.

We have expanded our domestic and international markets in part through acquisitions and joint ventures, and we expect to continue to make acquisitions and enter into joint ventures in the future. Such transactions involve numerous risks, including possible material adverse effects on our financial results or the market price of our common stock. Some of our acquisitions and future acquisitions may also give rise to an obligation by us to make contingent payments or to satisfy certain repurchase obligations, which payments could have a material adverse effect on our financial results. In addition, integrating acquired businesses and joint ventures:

- may result in a loss of customers or product lines of the acquired businesses or joint ventures;
- requires significant management attention;

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- may place significant demands on our operations, information systems and financial resources; and
- results in additional acquisition and integration expenses.

There can be no assurance that our future acquisitions or joint ventures will be successful. Our ability to continue to successfully effect acquisitions and joint ventures will depend upon the following:

- the availability of suitable acquisition or joint venture candidates at acceptable prices;
- our ability to consummate such transactions, which could potentially be prohibited due to U.S. or foreign antitrust regulations;
- the availability of financing on acceptable terms, in the case of non-stock transactions;
- the liquidity of our investments and our ability to raise capital could be affected by the financial credit markets; and
- our ability to retain, recruit and incentivize the management of the companies we acquire.

Our acquisitions may not result in the benefits and revenue growth we expect.

We are in the process of integrating companies that we acquired and including the operations, services, products and personnel of each company within our management policies, procedures and strategies. We cannot be sure that we will achieve the benefits of revenue growth that we expect from these acquisitions or that we will not incur unforeseen additional costs or expenses in connection with these acquisitions. To effectively manage our expected future growth, we must continue to manage successfully our integration of these companies and continue to improve our operational systems, internal procedures, working capital management and financial and operational controls. If we fail in any of these areas, our business could be materially adversely affected.

We face inherent risk of exposure to product liability, intellectual property infringement and other claims in the event that the use of the products we sell results in injury.

The market price for our common stock may be highly volatile.

Our business involves a risk of product liability, intellectual property infringement and other claims in the ordinary course of business, and from time to time we are named as a defendant in cases as a result of our distribution of products. Additionally, we own interests in companies that manufacture certain dental products. As a result, we are subject to the potential risk of product liability, intellectual property infringement or other claims relating to the manufacture and distribution of products by those entities. Additionally, as our private-label business continues to grow, purchasers of such products may increasingly seek recourse directly from us, rather than the ultimate product manufacturer, for product-related claims. Another potential risk we face in the distribution of our products is liability resulting from counterfeit or tainted products infiltrating the supply chain. In addition, some of the products that we transport and sell are considered hazardous materials. The improper handling of such materials or accidents involving the transportation of such materials could subject us to liability. We have various insurance policies, including product liability insurance, covering risks and in amounts that we consider adequate. In many cases in which we have been sued in connection with products manufactured by others, the manufacturer of the product provides us with indemnification. There can be no assurance that the insurance coverage we maintain is sufficient or will be available in adequate amounts or at a reasonable cost, or that indemnification agreements will provide us with adequate protection. A successful claim brought against us in excess of available insurance or not covered by indemnification agreements, or any claim that results in significant adverse publicity against us, could have a material adverse effect on our business and our reputation.

Our technology segment depends upon continued software and e-services product development, technical support and successful marketing.

Competition among companies supplying practice management software and/or e-services is intense and increasing. Our future sales of practice management software and e-services will depend on, among other factors:

- the effectiveness of our sales and marketing programs;

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- our ability to enhance our products and services to satisfy customer requirements; and
- our ability to provide ongoing technical support.

We cannot be sure that we will be successful in introducing and marketing new software, software enhancements or e-services, or that such software, software enhancements and e-services will be released on time or accepted by the market. Our software and applicable e-services products, like software products generally, may contain undetected errors or bugs when introduced or as new versions are released. We cannot be sure that future problems with post-release software errors or bugs will not occur. Any such defective software may result in increased expenses related to the software and could adversely affect our relationships with the customers using such software as well as our reputation. We do not have any patents on our software or e-services, and rely upon copyright, trademark and trade secret laws, as well as contractual and common law protections. We cannot provide assurance that such legal protections will be available or enforceable to protect our software or e-services products.

We may experience competition from third-party online commerce sites.

Traditional health care supply and distribution relationships are being challenged by electronic online commerce solutions. The continued advancement of online commerce by third parties will require us to cost-effectively adapt to changing technologies, to enhance existing services and to differentiate our business (including with additional value-added services) to address changing demands of consumers and our customers on a timely basis. The emergence of such potential competition and our inability to anticipate and effectively respond to changes on a timely basis could have a material adverse effect on our business.

Security risks generally associated with our information systems and our technology products and services could materially adversely affect our business, and our results of operations could be materially adversely affected if our information systems (or third-party systems we rely on) are interrupted, damaged by unforeseen events, are subject to cyberattacks or fail for any extended period of time.

We rely on information systems (IS) in our business to obtain, rapidly process, analyze, manage and store data to, among other things:

- maintain and manage worldwide systems to facilitate the purchase and distribution of thousands of inventory items from numerous distribution centers;

We may experience competition from third-party online commerce sites.

- receive, process and ship orders on a timely basis;
- manage the accurate billing and collections for thousands of customers;
- process payments to suppliers; and
- provide products and services that maintain certain of our customers' electronic medical or dental records (including protected health information of their patients).

Information security risks have generally increased in recent years, and a cyberattack that bypasses our IS security systems causing an IS security breach may lead to a material disruption of our IS business systems and/or the loss of business information resulting in a material adverse effect on our business.

In addition, we develop products and provide services to our customers that are technology-based, and a cyberattack that bypasses the IS security systems of our products or services causing a security breach and/or perceived security vulnerabilities in our products or services could also cause significant reputational harm, and actual or perceived vulnerabilities may lead to claims against us by our customers and/or governmental agencies. In particular, certain of our practice management products and services purchased by health care providers, such as physicians and dentists, are used to store and manage patient medical or dental records. These customers are subject to laws and regulations, such as HIPAA, which require that they protect the privacy and security of those records, and our products may be used as part of these customers' comprehensive data security programs, including in connection with their efforts to comply with applicable privacy and security laws. Perceived or actual security vulnerabilities in our products or services, or the perceived or actual failure by us or our customers who use our

products to comply with applicable legal requirements, may not only cause us significant reputational harm, but may also lead to claims against us by our customers and/or governmental agencies and involve fines and penalties, costs for remediation, and substantial defense and settlement expenses.

Regarding direct customer claims, although our customer license agreements typically contain provisions that seek to eliminate or limit our exposure to such liability, there is no assurance these provisions will withstand legal challenges, or that we will be able to obtain such provisions in all cases.

In addition, our information systems also utilize certain third party service organizations that manage a portion of our information systems, and our business may be materially adversely affected if these third party service organizations are subject to an IS security breach. Additionally, legislative or regulatory action related to cybersecurity may increase our costs to develop or implement new technology products and services.

Risks associated with these and other IS security breaches may include, among other things:

- future results could be materially adversely affected due to the theft, destruction, loss, misappropriation or release of confidential data or intellectual property;
- operational or business delays resulting from the disruption of information systems and subsequent clean-up and mitigation activities;
- procedures and safeguards must continually evolve to meet new IS challenges, and enhancing protections, and conducting investigations and remediation, may impose additional costs on us;
- we may incur claims, fines and penalties, and costs for remediation, or substantial defense and settlement expenses; and
- negative publicity resulting in reputation or brand damage with our customers, partners or industry peers.

We also deliver Internet-based services and, accordingly, depend on our ability and the ability of our customers to access the Internet. In the event of any difficulties, outages and delays by Internet service providers, we may be impeded from providing such services, which may have a material adverse effect on our business and our reputation.

We may experience competition from third-party online commerce sites.

We have various insurance policies, including cyber liability insurance, covering risks and in amounts that we consider adequate. There can be no assurance that the insurance coverage we maintain is sufficient or will be available in adequate amounts or at a reasonable cost. Successful claims for misappropriation or release of confidential or personal data brought against us in excess of available insurance or fines or other penalties assessed or any claim that results in significant adverse publicity against us could have a material adverse effect on our business and our reputation.

Certain provisions in our governing documents and other documents to which we are a party may discourage third-party offers to acquire us that might otherwise result in our stockholders receiving a premium over the market price of their shares.

The provisions of our certificate of incorporation and by-laws may make it more difficult for a third party to acquire us, may discourage acquisition bids and may limit the price that certain investors might be willing to pay in the future for shares of our common stock. These provisions, among other things:

- require the affirmative vote of the holders of at least 60% of the shares of common stock entitled to vote to approve a merger, consolidation, or a sale, lease, transfer or exchange of all or substantially all of our assets; and
- require the affirmative vote of the holders of at least 66 2/3% of our common stock entitled to vote to (i) remove a director; and (ii) to amend or repeal our by-laws, with certain limited exceptions.

In addition, our 2013 Stock Incentive Plan and 2015 Non-Employee Director Stock Incentive Plan provide for accelerated vesting of stock options upon a change in control. These incentive plans also authorize the committee

under the plans to provide for accelerated vesting of other types of equity awards in connection with a change in control at grant or thereafter, and certain other awards made under these incentive plans (such as restricted stock/unit awards) accelerate upon a change in control or upon certain termination events in connection with a change in control. Further, certain agreements between us and our executive officers provide for increased severance payments and certain benefits if those executive officers are terminated without cause by us or if they terminate for good reason in each case, within two years after a change in control or within ninety days prior to the effective date of the change in control or after the first public announcement of the pendency of the change in control.

Tax legislation could materially adversely affect our financial results and tax liabilities.

We are subject to the tax laws and regulations of the United States federal, state and local governments, as well as foreign jurisdictions. From time to time, various legislative initiatives may be proposed that could materially adversely affect our tax positions. There can be no assurance that our effective tax rate will not be materially adversely affected by legislation resulting from these initiatives. In addition, tax laws and regulations are extremely complex and subject to varying interpretations. Although we believe that our historical tax positions are sound and consistent with applicable laws, regulations and existing precedent, there can be no assurance that our tax positions will not be challenged by relevant tax authorities or that we would be successful in any such challenge.

Item 1B. Unresolved Staff Comments

We have no unresolved comments from the staff of the SEC that were issued 180 days or more preceding the end of our 2016 fiscal year.

ITEM 2. Properties

We own or lease the following properties with more than 100,000 square feet:

| Property | Location |
|--------------------------------------|--------------------|
| Corporate Headquarters | Melville, NY |
| Corporate Headquarters | Melville, NY |
| Office and Distribution Center | Reno, NV |
| Office and Distribution Center | Lyssa, VA |
| Office and Distribution Center | Plymouth, MA |
| Office and Distribution Center | Touraine, France |
| Office and Distribution Center | Gillingham, UK |
| Office and Distribution Center | Easton, PA |
| Office and Distribution Center | Langhorne, PA |
| Office and Distribution Center | Niagara Falls, NY |
| Office and Distribution Center | Bastrop, LA |
| Office and Distribution Center | Westborough, MA |
| Office and Distribution Center | Cuijk, Netherlands |
| Distribution Center | Denver, CO |
| Distribution Center | India |
| Distribution Center | Spain |
| Distribution Center | India |
| Distribution Center | Grapevine, TX |
| Distribution Center | Gallatin, MT |
| Distribution Center | Jackson, WY |
| Distribution Center | Heppner, CO |
| Distribution Center | Fort Worth, TX |

The properties listed in the table above are our principal properties primarily used by our health care distribution segment. In addition, we lease numerous other distribution, office, showroom, manufacturing and sales space in locations including the United States, Australia, Austria, Belgium, Brazil, Canada, Chile, China, the Czech Republic, Denmark, France, Germany, Hong Kong SAR, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Malaysia, the Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand and the United Kingdom.

We believe that our properties are in good condition, are well maintained and are suitable and adequate to carry on our business. We have additional operating capacity at certain distribution center facilities.

ITEM 3. Legal Proceedings

In September 2015, Henry Schein, Inc. was served with a summons and complaint in an action commenced in the United States District Court for the Eastern District of New York, entitled *SourceOne Dental, Inc. v. Patterson Companies, Inc., Henry Schein, Inc. and Benco Dental Supply Company*, Civil Action No. 15-cv-05440-JMA-GRB. Plaintiff alleges that, through its website, it markets and sells dental supplies and equipment to dentists. Plaintiff alleges, among other things, that defendants conspired to eliminate plaintiff as a viable competitor and to exclude plaintiff from the market for the marketing, distribution and sale of dental supplies and equipment in the United States and that defendants unlawfully agreed with one another to boycott dentists, manufacturers and state dental associations that deal with, or considered dealing with, plaintiff. Plaintiff asserts the following claims: (i) unreasonable restraint of trade in violation of state and federal antitrust laws; (ii) tortious interference with prospective business relations; (iii) civil conspiracy; and (iv) aiding and abetting the other defendants' ongoing tortious and anticompetitive conduct. Plaintiff seeks equitable relief, compensatory and treble damages, jointly and severally, punitive damages, interest, and reasonable costs and expenses, including attorneys' fees and expert fees. We intend to defend ourselves vigorously against the action.

Beginning in January 2016, class action complaints were filed against Patterson Companies, Inc., Benco Dental Supply Co. and Henry Schein, Inc. Each of these complaints allege, among other things, that defendants conspired to fix prices, allocate customers and foreclose competitors by boycotting manufacturers, state dental associations and others that deal with defendants' competitors. Subject to certain exclusions, these classes seek to represent all persons who purchased dental supplies or equipment in the United States directly from any of the defendants or Burkhart Dental Supply Co. since August 31, 2008. Each class action complaint asserts a single count under Section 1 of the Sherman Act, and seeks equitable relief, compensatory and treble damages, jointly and severally, and reasonable costs and expenses, including attorneys' fees and expert fees. We intend to defend ourselves vigorously against these actions.

From time to time, we may become a party to other legal proceedings, including, without limitation, product liability claims, employment matters, commercial disputes, governmental inquiries and investigations (which may in some cases involve our entering into settlement arrangements or consent decrees), and other matters arising out of the ordinary course of our business. While the results of any legal proceeding cannot be predicted with certainty, in our opinion none of these other pending matters are currently anticipated to have a material adverse effect on our financial condition or results of operations.

As of December 31, 2016, we had accrued our best estimate of potential losses relating to claims that were probable to result in liability and for which we were able to reasonably estimate a loss. This accrued amount, as well as related expenses, was not material to our financial position, results of operations or cash flows. Our method for determining estimated losses considers currently available facts, presently enacted laws and regulations and other factors, including probable recoveries from third parties.

ITEM 4. Mine Safety Disclosures

Not applicable.

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PART II

ITEM 5. Market for Registrant’s Common Equity, Related Stockholder Matters and Issuer Purchases of Equity Securities

Our common stock is traded on the NASDAQ Global Select Market tier of the NASDAQ Stock Market, or NASDAQ, under the symbol HSIC. On October 2, 2007, our common stock became a component of the NASDAQ-100 stock market index. The following table sets forth, for the periods indicated, the high and low reported sales prices of our common stock as reported on NASDAQ for each quarterly period in fiscal 2016 and 2015:

| | High | Low |
|-------------------|-----------|-----------|
| Fiscal 2016: | | |
| 1st Quarter | \$ 170.24 | \$ 164.48 |
| 2nd Quarter | 180.98 | |
| 3rd Quarter | 183.00 | |
| 4th Quarter | | 164.48 |
| Fiscal 2015: | | |
| 1st Quarter | \$ 143.89 | \$ 146.45 |
| 2nd Quarter | 146.45 | |
| 3rd Quarter | 149.95 | |
| 4th Quarter | | 160.00 |

On February 16, 2017, there were approximately 450 holders of record of our common stock and the last reported sales price was \$167.25.

Purchases of Equity Securities by the Issuer

Our share repurchase program, announced on June 21, 2004, originally allowed us to repurchase up to \$100 million of shares of our common stock, which represented approximately 3.5% of the shares outstanding at the commencement of the program. As summarized in the table below, subsequent additional increases totaling \$2.4 billion, authorized by our Board of Directors, to the repurchase program provide for a total of \$2.5 billion of shares of our common stock to be repurchased under this program.

| Date of Authorization | Amount of Additional Repurchases Authorized |
|-----------------------|---|
| October 31, 2005 | \$ 100,000,000 |
| March 28, 2007 | 100,000,000 |
| November 16, 2010 | 100,000,000 |
| August 18, 2011 | 200,000,000 |
| April 18, 2012 | 200,000,000 |
| November 12, 2012 | 300,000,000 |
| December 9, 2013 | 300,000,000 |
| December 4, 2014 | 300,000,000 |
| November 30, 2015 | 400,000,000 |
| October 18, 2016 | 400,000,000 |

As of December 31, 2016, we had repurchased approximately \$2.2 billion of common stock (24,903,293 shares) under these initiatives, with \$250 million available for future common stock share repurchases.

The following table summarizes repurchases of our common stock under our stock repurchase program during the fiscal quarter ended December 31, 2016:

| Fiscal Month | Total Number of Shares Purchased (1) | Average Price Paid Per Share | Total Number of Shares Purchased as Part of Our Publicly Announced Program | Maximum Number of Shares that May Yet Be Purchased Under Our Program (2) |
|---------------------------|--------------------------------------|------------------------------|--|--|
| 09/25/16 through 10/29/16 | 310,311 | \$ 153.44 | 310,311 | 2,695,108 |
| 10/30/16 through 11/26/16 | 971,031 | 156.95 | 971,031 | 1,653,658 |
| 11/27/16 through 12/31/16 | | - | | 1,647,881 |
| | 1,281,342 | | 1,281,342 | |

We may experience competition from third-party online commerce sites.

- (1) All repurchases were executed in the open market under our existing publicly announced authorized program.
- (2) The maximum number of shares that may yet be purchased under this program is determined at the end of each month based on the closing price of our common stock at that time.

Dividend Policy

We have not declared any cash or stock dividends on our common stock during fiscal years 2016 or 2015. We currently do not anticipate declaring any cash or stock dividends on our common stock in the foreseeable future. We intend to retain earnings to finance the expansion of our business and for general corporate purposes, including our share repurchase program. Any declaration of dividends will be at the discretion of our Board of Directors and will depend upon the earnings, financial condition, capital requirements, level of indebtedness, contractual restrictions with respect to payment of dividends and other factors.

Stock Performance Graph

The graph below compares the cumulative total stockholder return on \$100 invested, assuming the reinvestment of all dividends, on December 31, 2011, the last trading day before the beginning of our 2012 fiscal year, through the end of our 2016 fiscal year with the cumulative total return on \$100 invested for the same period in the Dow Jones U.S. Health Care Index and the NASDAQ Stock Market Composite Index.

COMPARISON OF 5-YEAR CUMULATIVE TOTAL RETURN

ASSUMES \$100 INVESTED ON DECEMBER 31, 2011
 ASSUMES DIVIDENDS REINVESTED

| | |
|--|---------------------------|
| | Dec 31, 201 \$10 |
| Henry Schein, Inc. | |
| Dow Jones U.S. Health Care Index | 10 |
| NASDAQ Stock Market Composite Index | 10 |

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ITEM 6. Selected Financial Data

The following selected financial data, with respect to our financial position and results of operations for each of the five fiscal years in the period ended December 31, 2016, set forth below, has been derived from, should be read in conjunction with and is qualified in its entirety by reference to, our consolidated financial statements and notes thereto. The selected financial data presented below should also be read in conjunction with ITEM 7, “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and ITEM 8, “Financial Statements and Supplementary Data.”

Income Statement Data:

| | |
|--|--|
| Net sales | |
| Gross profit | |
| Selling, general and administrative expenses | |
| Restructuring costs (1) | |
| Operating income | |
| Other expense, net (2) | |
| Income before taxes and equity in earnings of affiliates | |
| Income taxes (3) | |
| Equity in earnings of affiliates | |
| Loss on sale of equity investment (4) | |
| Net income | |
| Less: Net income attributable to noncontrolling interests | |
| Net income attributable to Henry Schein, Inc. | |

Earnings per share attributable to
Henry Schein, Inc.:

| | |
|---------------|--|
| Basic | |
| Diluted | |

Weighted-average common shares outstanding:

| | |
|---------------|--|
| Basic | |
| Diluted | |

Net Sales by Market Data:

Health care distribution (5):

| | |
|---|--|
| Dental | |
| Animal health | |
| Medical | |
| Total health care distribution | |
| Technology and value-added services (6) | |
| Total | |

Balance Sheet data:

| | |
|---|--|
| Total assets | |
| Long-term debt | |
| Redeemable noncontrolling interests | |
| Stockholders' equity | |

(1) Restructuring costs for the year ended December 31, 2016 consist primarily of severance costs, including severance pay and benefits of \$40.7 million, facility closing costs of \$3.6 million and other costs of \$1.6 million. Restructuring costs for the year ended December 26, 2015 consist primarily of severance costs, including severance pay and benefits of \$26.7 million, facility closing costs of \$5.7 million and other costs of \$2.5 million. Restructuring costs for the year ended December 29, 2012 consist primarily of severance costs, including severance pay and benefits of \$12.8 million and facility closing costs of \$2.4 million. See “Management’s Discussion and Analysis of Financial Condition and Results of Operations – Plans of Restructuring” herein and the consolidated financial statements and related notes contained in ITEM 8.

(2) Includes approximately \$6.2 million of one-time expenses related to the refinancing of Henry Schein Animal Health debt in 2013. These expenses reflect the non-cash write-off of deferred financing costs.

(3) In 2015, there was a \$6.3 million income tax benefit related to a favorable response to a tax petition, which allowed us to conclude that it is more likely than not that certain unrecognized tax benefits, which had been previously reserved, would be realized. In 2013, there was a \$13.4 million reduction of our valuation allowance related to certain deferred tax assets related to tax loss carryforwards originating outside the United States.

(4) Represents a loss on divestiture of a noncontrolling interest in a dental wholesale distributor in the Middle East in 2013.

We may experience competition from third-party online commerce sites.

- (5) Consists of consumable products, small equipment, laboratory products, large equipment, equipment repair services, branded and generic pharmaceuticals, vaccines, surgical products, diagnostic tests, infection-control products and vitamins.

- (6) Consists of practice management software and other value-added products, which are distributed primarily to health care providers, and financial services on a non-recourse basis, e-services, continuing education services for practitioners, consulting and other services.

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ITEM 7. Management's Discussion and Analysis of Financial Condition and Results of Operations

Cautionary Note Regarding Forward-Looking Statements

In accordance with the "Safe Harbor" provisions of the Private Securities Litigation Reform Act of 1995, we provide the following cautionary remarks regarding important factors that, among others, could cause future results to differ materially from the forward-looking statements, expectations and assumptions expressed or implied herein. All forward-looking statements made by us are subject to risks and uncertainties and are not guarantees of future performance. These forward-looking statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance and achievements or industry results to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. These statements are identified by the use of such terms as "may," "could," "expect," "intend," "believe," "plan," "estimate," "forecast," "project," "anticipate" or other comparable terms. Factors that could cause or contribute to such differences include, but are not limited to, those discussed in this Annual Report on Form 10-K, and in particular the risks discussed under the caption "Risk Factors" in Item 1A of this report and those discussed in other documents we file with the Securities and Exchange Commission (SEC).

Risk factors and uncertainties that could cause actual results to differ materially from current and historical results include, but are not limited to: effects of a highly competitive and consolidating market; our dependence on third parties for the manufacture and supply of our products; our dependence upon sales personnel, customers, suppliers and manufacturers; our dependence on our senior management; fluctuations in quarterly earnings; risks from expansion of customer purchasing power and multi-tiered costing structures; increases in shipping costs for our products or other service issues with our third-party shippers; general global macro-economic conditions; risks associated with currency fluctuations; risks associated with political and economic uncertainty; disruptions in financial markets; volatility of the market price of our common stock; changes in the health care industry; implementation of health care laws; failure to comply with regulatory requirements and data privacy laws; risks associated with our global operations; transitional challenges associated with acquisitions and joint ventures, including the failure to achieve anticipated synergies; financial risks associated with acquisitions and joint ventures; litigation risks; the dependence on our continued product development, technical support and successful marketing in the technology segment; increased competition by third party online commerce sites; risks from disruption to our information systems; cyberattacks or other privacy or data security breaches; certain provisions in our governing documents that may discourage third-party acquisitions of us; and changes in tax legislation. The order in which these factors appear should not be construed to indicate their relative importance or priority.

We caution that these factors may not be exhaustive and that many of these factors are beyond our ability to control or predict. Accordingly, any forward-looking statements contained herein should not be relied upon as a prediction of actual results. We undertake no duty and have no obligation to update forward-looking statements.

Where You Can Find Important Information

We may experience competition from third-party online commerce sites.

We may disclose important information through one or more of the following channels: SEC filings, public conference calls and webcasts, press releases, the investor relations page of our website (www.henryschein.com) and the social media channels identified on the Newsroom page of our website.

Executive-Level Overview

We believe we are the world's largest provider of health care products and services primarily to office-based dental, animal health and medical practitioners. We serve more than 1 million customers worldwide including dental practitioners and laboratories, animal health clinics and physician practices, as well as government, institutional health care clinics and other alternate care clinics. We believe that we have a strong brand identity due to our more than 84 years of experience distributing health care products.

We are headquartered in Melville, New York, employ more than 21,000 people (of which more than 10,500 are based outside the United States) and have operations or affiliates in 33 countries, including the United States, Australia, Austria, Belgium, Brazil, Canada, Chile, China, the Czech Republic, Denmark, France, Germany, Hong Kong SAR, Iceland, Ireland, Israel, Italy, Japan, Luxembourg, Malaysia, the Netherlands, New Zealand, Norway, Poland, Portugal, Romania, Slovakia, South Africa, Spain, Sweden, Switzerland, Thailand and the United Kingdom.

We have established strategically located distribution centers to enable us to better serve our customers and increase our operating efficiency. This infrastructure, together with broad product and service offerings at competitive prices, and a strong commitment to customer service, enables us to be a single source of supply for our customers' needs. Our infrastructure also allows us to provide convenient ordering and rapid, accurate and complete order fulfillment.

We conduct our business through two reportable segments: (i) health care distribution and (ii) technology and value-added services. These segments offer different products and services to the same customer base.

The health care distribution reportable segment aggregates our global dental, animal health and medical operating segments. This segment distributes consumable products, small equipment, laboratory products, large equipment, equipment repair services, branded and generic pharmaceuticals, vaccines, surgical products, diagnostic tests, infection-control products and vitamins. Our global dental group serves office-based dental practitioners, dental laboratories, schools and other institutions. Our global animal health group serves animal health practices and clinics. Our global medical group serves office-based medical practitioners, ambulatory surgery centers, other alternate-care settings and other institutions.

Our global technology and value-added services group provides software, technology and other value-added services to health care practitioners. Our technology group offerings include practice management software systems for dental and medical practitioners and animal health clinics. Our value-added practice solutions include financial services on a non-recourse basis, e-services, practice technology, network and hardware services, as well as continuing education services for practitioners.

Industry Overview

In recent years, the health care industry has increasingly focused on cost containment. This trend has benefited distributors capable of providing a broad array of products and services at low prices. It also has accelerated the growth of HMOs, group practices, other managed care accounts and collective buying groups, which, in addition to their emphasis on obtaining products at competitive prices, tend to favor distributors capable of providing specialized management information support. We believe that the trend towards cost containment has the potential to favorably affect demand for technology solutions, including software, which can enhance the efficiency and facilitation of practice management.

Our operating results in recent years have been significantly affected by strategies and transactions that we undertook to expand our business, domestically and internationally, in part to address significant changes in the health care industry, including consolidation of health care distribution companies, health care reform, trends toward managed care, cuts in Medicare and collective purchasing arrangements.

Our current and future results have been and could be impacted by the current economic environment and uncertainty, particularly impacting overall demand for our products and services.

Industry Consolidation

The health care products distribution industry, as it relates to office-based health care practitioners, is fragmented and diverse. This industry, which encompasses the dental, animal health and medical markets, was estimated to produce revenues of approximately \$45 billion in 2016 in the global markets. The industry ranges from sole practitioners working out of relatively small offices to group practices or service organizations ranging in size from a few practitioners to a large number of practitioners who have combined or otherwise associated their practices.

Due in part to the inability of office-based health care practitioners to store and manage large quantities of supplies in their offices, the distribution of health care supplies and small equipment to office-based health care practitioners has been characterized by frequent, small quantity orders, and a need for rapid, reliable and substantially complete order fulfillment. The purchasing decisions within an office-based health care practice are typically made by the practitioner or an administrative assistant. Supplies and small equipment are generally purchased from more than one distributor, with one generally serving as the primary supplier.

The trend of consolidation extends to our customer base. Health care practitioners are increasingly seeking to partner, affiliate or combine with larger entities such as hospitals, health systems, group practices or physician hospital organizations. In many cases, purchasing decisions for consolidated groups are made at a centralized or professional staff level; however, orders are delivered to the practitioners' offices.

We believe that consolidation within the industry will continue to result in a number of distributors, particularly those with limited financial, operating and marketing resources, seeking to combine with larger companies that can provide growth opportunities. This consolidation also may continue to result in distributors seeking to acquire companies that can enhance their current product and service offerings or provide opportunities to serve a broader customer base.

Our trend with regard to acquisitions and joint ventures has been to expand our role as a provider of products and services to the health care industry. This trend has resulted in our expansion into service areas that complement our existing operations and provide opportunities for us to develop synergies with, and thus strengthen, the acquired businesses.

As industry consolidation continues, we believe that we are positioned to capitalize on this trend, as we believe we have the ability to support increased sales through our existing infrastructure, although there can be no assurances that we will be able to successfully accomplish this. We also have invested in expanding our sales/marketing infrastructure to include a focus on building relationships with decision makers who do not reside in the office-based practitioner setting.

As the health care industry continues to change, we continually evaluate possible candidates for merger and joint venture or acquisition and intend to continue to seek opportunities to expand our role as a provider of products and services to the health care industry. There can be no assurance that we will be able to successfully pursue any such opportunity or consummate any such transaction, if pursued. If additional transactions are entered into or consummated, we would incur merger and/or acquisition-related costs, and there can be no assurance that the integration efforts associated with any such transaction would be successful.

Aging Population and Other Market Influences

The health care products distribution industry continues to experience growth due to the aging population, increased health care awareness, the proliferation of medical technology and testing, new pharmacology treatments and expanded third-party insurance coverage, partially offset by the effects of unemployment on insurance coverage. In addition, the physician market continues to benefit from the shift of procedures and diagnostic testing from acute care settings to alternate-care sites, particularly physicians' offices.

According to the U.S. Census Bureau's International Data Base, in 2015 there were more than six million Americans aged 85 years or older, the segment of the population most in need of long-term care and elder-care

services. By the year 2050, that number is projected to nearly triple to approximately 19 million. The population aged 65 to 84 years is projected to increase over 65% during the same time period.

As a result of these market dynamics, annual expenditures for health care services continue to increase in the United States. We believe that demand for our products and services will grow, while continuing to be impacted by current and future operating, economic and industry conditions. The Centers for Medicare and Medicaid Services, or CMS, published “National Health Expenditure Projections 2015-2025” indicating that total national health care spending reached approximately \$3.2 trillion in 2015, or 17.8% of the nation’s gross domestic product, the benchmark measure for annual production of goods and services in the United States. Health care spending is projected to reach approximately \$5.6 trillion in 2025, approximately 20.1% of the nation’s gross domestic product.

Government

Certain of our businesses involve the distribution of pharmaceuticals and medical devices, and in this regard we are subject to extensive local, state, federal and foreign governmental laws and regulations applicable to the distribution and sale of pharmaceuticals and medical devices. Additionally, government and private insurance programs fund a large portion of the total cost of medical care, and there has been an emphasis on efforts to control medical costs, including laws and regulations lowering reimbursement rates for pharmaceuticals, medical devices, and/or medical treatments or services. Also, many of these laws and regulations are subject to change and may impact our financial performance. In addition, our businesses are generally subject to numerous other laws and regulations that could impact our financial performance, including securities, antitrust, data privacy, data security and other laws and regulations. Failure to comply with law or regulations could have a material adverse effect on our business.

Health Care Reform

The United States Health Care Reform Law adopted through the March 2010 enactment of the Patient Protection and Affordable Care Act and the Health Care and Education Reconciliation Act increased federal oversight of private health insurance plans and included a number of provisions designed to reduce Medicare expenditures and the cost of health care generally, to reduce fraud and abuse, and to provide access to increased health coverage.

The Health Care Reform Law requirements include a 2.3% excise tax on domestic sales of many medical devices by manufacturers and importers that began in 2013 and a fee on branded prescription drugs and biologics that was implemented in 2011, both of which may affect sales. However, with respect to the medical device excise tax, a two-year moratorium was imposed under the Consolidated Appropriations Act, 2016, suspending the imposition of the tax on device sales during the period beginning January 1, 2016 and ending on December 31, 2017. The Health Care Reform Law has also materially expanded the number of individuals in the United States with health insurance. The Health Care Reform Law has faced ongoing legal challenges, including litigation seeking to invalidate

some of or all of the law or the manner in which it has been implemented. In addition, the President and the majorities in both houses of Congress have stated their intention to repeal the Health Care Reform Law. The uncertain status of the Health Care Reform Law affects our ability to plan.

A Health Care Reform Law provision, generally referred to as the Physician Payment Sunshine Act or Open Payments Program, has imposed new reporting and disclosure requirements for drug and device manufacturers and distributors with regard to payments or other transfers of value made to certain covered recipients (including physicians, dentists and teaching hospitals), and for such manufacturers and distributors and for group purchasing organizations, with regard to certain ownership interests held by physicians in the reporting entity. The Centers for Medicare and Medicaid Services (“CMS”) publishes information from these reports on a publicly available website, including amounts transferred and physician, dentist and teaching hospital identities.

Under the Physician Payment Sunshine Act, we are required to collect and report detailed information regarding certain financial relationships we have with physicians, dentists and teaching hospitals. We believe that we are substantially compliant with applicable Physician Payment Sunshine Act requirements. The Physician Payment Sunshine Act pre-empts similar state reporting laws, although we or our subsidiaries may be required to report under certain state transparency laws that address circumstances not covered by the Physician Payment Sunshine Act, and some of these state laws, as well as the federal law, can be ambiguous. We are also subject to foreign regulations requiring transparency of certain interactions between suppliers and their customers. While we believe we have substantially compliant programs and controls in place to comply with these requirements, our compliance with these rules imposes additional costs on us.

Another notable Medicare health care reform initiative, the Medicare Access and CHIP Reauthorization Act of 2015 (“MACRA”), enacted on April 16, 2015, establishes a new payment framework, called the Quality Payment Program, which modifies certain Medicare payments to “eligible clinicians,” including physicians, dentists and other practitioners. Under MACRA, eligible clinicians will be required to participate in Medicare through the Merit-Based Incentive Payment System (“MIPS”) or Advanced Alternative Payment Models (“APMs”). MIPS generally will consolidate three current programs; the physician quality reporting system, the value-based payment modifier and the Medicare electronic health record (“EHR”) program, into a single program in which Medicare reimbursement to eligible clinicians will include both positive and negative payment adjustments that take into account quality, resource use, clinical practice improvement and meaningful use of certified EHR technology. Advanced APMs generally involve higher levels of financial and technology risk. The final rule was published in the Federal Register on November 4, 2016 and allow eligible Medicare clinicians to pick their pace of participation for the first performance period that began January 1, 2017. The data collected in the first performance year will determine payment adjustments beginning January 1, 2019. MACRA represents a fundamental change in physician reimbursement that is expected to provide substantial financial incentives for physicians to participate in risk contracts, and to increase physician information technology and reporting obligations. The implications of the implementation of MACRA are uncertain and will depend on future regulatory activity and physician activity in the marketplace. MACRA may encourage physicians to move from smaller practices to larger physician groups or hospital employment, leading to a consolidation of a portion of our customer base. Although we believe that we are positioned to capitalize on this consolidation trend, there can be no assurances that we will be able to successfully accomplish this.

Health Care Fraud

Certain of our businesses are subject to federal and state (and similar foreign) health care fraud and abuse, referral and reimbursement laws and regulations with respect to their operations. Some of these laws, referred to as “false claims laws,” prohibit the submission or causing the submission of false or fraudulent claims for reimbursement to federal, state and other health care payers and programs. Other laws, referred to as “anti-kickback laws,” prohibit soliciting, offering, receiving or paying remuneration in order to induce the referral of a patient or ordering, purchasing, leasing or arranging for, or recommending ordering, purchasing or leasing of, items or services that are paid for by federal, state and other health care payers and programs.

The fraud and abuse laws and regulations have been subject to varying interpretations, as well as heightened enforcement activity over the past few years, and significant enforcement activity has been the result of “relators,” who serve as whistleblowers by filing complaints in the name of the United States (and if applicable, particular states) under federal and state false claims laws. Under the federal False Claims Act, relators can be entitled to receive up to 30% of total recoveries. Also, violations of the federal False Claims Act can result in treble damages, and, in accordance with an interim final rule published by the Department of Justice on June 30, 2016, which substantially increased maximum civil penalties for False Claims Act violations, the amounts for civil penalties assessed after August 1, 2016, whose associated violations occurred after November 2, 2015, were increased from \$11,000 per claim for pre-November 2, 2011 violations up to \$21,563 per claim. Most states have adopted similar state false claims laws, and these state laws have their own penalties which may be in addition to federal False Claims Act penalties. The Health Care Reform Law significantly strengthened the federal False Claims Act and the federal Anti-Kickback Law provisions, which could lead to the possibility of increased whistleblower or relator suits, and among other things made clear that a federal Anti-Kickback Law violation can be a basis for federal False Claims Act liability.

The United States government (among others) has expressed concerns about financial relationships between suppliers on the one hand and physicians and dentists on the other. As a result, we regularly review and revise our marketing practices as necessary to facilitate compliance.

We also are subject to certain United States and foreign laws and regulations concerning the conduct of our foreign operations, including the U.S. Foreign Corrupt Practices Act, the U.K. Bribery Act, German anti-corruption laws and other anti-bribery laws and laws pertaining to the accuracy of our internal books and records, which have been the focus of increasing enforcement activity globally in recent years.

Failure to comply with fraud and abuse laws and regulations could result in significant civil and criminal penalties and costs, including the loss of licenses and the ability to participate in federal and state health care programs, and could have a material adverse effect on our business. Also, these measures may be interpreted or applied by a prosecutorial, regulatory or judicial authority in a manner that could require us to make changes in our operations or incur substantial defense and settlement expenses. Even unsuccessful challenges by regulatory authorities or private relators could result in reputational harm and the incurring of substantial costs. In addition, many of these laws are vague or indefinite and have not been interpreted by the courts, and have been subject to frequent modification and varied interpretation by prosecutorial and regulatory authorities, increasing the risk of noncompliance.

While we believe that we are substantially compliant with applicable fraud and abuse laws and regulations, and have adequate compliance programs and controls in place to ensure substantial compliance, we cannot predict whether changes in applicable law, or interpretation of laws, or changes in our services or marketing practices in response to changes in applicable law or interpretation of laws, could have a material adverse effect on our business.

Operating, Security and Licensure Standards

Certain of our businesses involve the distribution of pharmaceuticals and medical devices, and in this regard we are subject to various local, state, federal and foreign governmental laws and regulations applicable to the distribution of pharmaceuticals and medical devices. Among the United States federal laws applicable to us are the Controlled Substances Act, the Federal Food, Drug, and Cosmetic Act, as amended (“FDC Act”), and Section 361 of the Public Health Service Act. We are also subject to comparable foreign regulations.

The FDC Act and similar foreign laws generally regulate the introduction, manufacture, advertising, labeling, packaging, storage, handling, reporting, marketing and distribution of, and record keeping for, pharmaceuticals and medical devices shipped in interstate commerce, and states may similarly regulate such activities within the state. Section 361 of the Public Health Service Act, which provides authority to prevent the spread of communicable diseases, serves as the legal basis for the United States Food and Drug Administration’s (“FDA”) regulation of human cells, tissues and cellular and tissue-based products, also known as “HCT/P products.”

The Federal Drug Quality and Security Act of 2013 brought about significant changes with respect to pharmaceutical supply chain requirements and pre-empts state law. Title II of this measure, known as the Drug Supply Chain Security Act (“DSCSA”), is being phased in over a period of ten years, and is intended to build a national electronic, interoperable system to identify and trace certain prescription drugs as they are distributed in the United States. The law’s track and trace requirements applicable to manufacturers, wholesalers, repackagers and dispensers (e.g., pharmacies) of prescription drugs took effect in January 2015, and will continue to be implemented. The DSCSA product tracing requirements replace the former FDA drug pedigree requirements and pre-empt state requirements that are inconsistent with, more stringent than, or in addition to, the DSCSA requirements.

The DSCSA also establishes certain requirements for the licensing and operation of prescription drug wholesalers and third party logistics providers (“3PLs”), and includes the eventual creation of national wholesaler and 3PL licenses in cases where states do not license such entities. The DSCSA requires that wholesalers and 3PLs distribute drugs in accordance with certain standards regarding the recordkeeping, storage and handling of prescription drugs. According to FDA guidance, states are pre-empted from imposing any licensing requirements that are inconsistent with, less stringent than, directly related to, or covered by the standards established by federal law in this area. Current state licensing requirements will likely remain in effect until the FDA issues new regulations as directed by the DSCSA.

We believe that we are substantially compliant with applicable DSCSA requirements.

The Food and Drug Administration Amendments Act of 2007 and the Food and Drug Administration Safety and Innovation Act of 2012 amended the FDCA to require the FDA to promulgate regulations to implement a unique device identification (“UDI”) system. The FDA is phasing in the implementation of the UDI regulations over seven years, generally beginning with the highest-risk devices (i.e., Class III medical devices) and ending with the lowest-risk devices. The UDI regulations require “labelers” to include unique device identifiers (“UDIs”), with a content and format prescribed by the FDA and issued under a system operated by an FDA-accredited issuing agency, on the labels and packages of medical devices, and to directly mark certain devices with UDIs. The UDI regulations also require labelers to submit certain information concerning UDI-labeled devices to the FDA, much of which information is publicly available on an FDA database, the Global Unique Device Identification Database. The UDI regulations provide for certain exceptions, alternatives and time extensions. For example, the UDI regulations include a general exception for Class I devices exempt from the Quality System Regulation (other than record-keeping requirements and complaint files). Regulated labelers include entities such as device manufacturers, repackagers, reproducers and relabelers that cause a device’s label to be applied or modified, with the intent that the device will be commercially distributed without any subsequent replacement or modification of the label, and include certain of our businesses.

We believe that we are substantially compliant with applicable UDI requirements.

Under the Controlled Substances Act, as a distributor of controlled substances, we are required to obtain and renew annually registrations for our facilities from the United States Drug Enforcement Administration (“DEA”) permitting us to handle controlled substances. We are also subject to other statutory and regulatory requirements relating to the storage, sale, marketing, handling and distribution of such drugs, in accordance with the Controlled Substances Act and its implementing regulations, and these requirements have been subject to heightened enforcement activity in recent times. We are subject to inspection by the DEA.

Certain of our businesses are also required to register for permits and/or licenses with, and comply with operating and security standards of, the DEA, the FDA, the United States Department of Health and Human Services, and various state boards of pharmacy, state health departments and/or comparable state agencies as well as comparable foreign agencies, and certain accrediting bodies depending on the type of operations and location of product distribution,

manufacturing or sale. These businesses include those that distribute, manufacture and/or repackage prescription pharmaceuticals and/or medical devices and/or HCT/P products, or own pharmacy operations, or install, maintain or repair equipment. In addition, Section 301 of the National Organ Transplant Act, and a number of comparable state laws, impose civil and/or criminal penalties for the transfer of certain human tissue (for example, human bone products) for valuable consideration, while generally permitting payments for the reasonable costs incurred in procuring, processing, storing and distributing that tissue. We are also subject to foreign government regulation of such products. The DEA, the FDA and state regulatory authorities have broad inspection and enforcement powers, including the ability to suspend or limit the distribution of products by our distribution centers, seize or order the recall of products and impose significant criminal, civil and administrative sanctions for violations of these laws and regulations. Foreign regulations subject us to similar foreign enforcement powers. Furthermore, compliance with legal requirements has required and may in the future require us to institute voluntary recalls of products we sell, which could result in financial losses and potential reputational harm. Our customers are also subject to significant federal, state, local and foreign governmental regulation.

Certain of our businesses are subject to various additional federal, state, local and foreign laws and regulations, including with respect to the sale, transportation, storage, handling and disposal of hazardous or potentially hazardous substances, and safe working conditions.

Certain of our businesses also maintain contracts with governmental agencies and are subject to certain regulatory requirements specific to government contractors.

Antitrust

The U.S. federal government, most U.S. states and many foreign countries have antitrust laws that prohibit certain types of conduct deemed to be anti-competitive. Violations of antitrust laws can result in various sanctions, including criminal and civil penalties. Private plaintiffs also could bring civil lawsuits against us in the United States for alleged antitrust law violations, including claims for treble damages.

Regulated Software; Electronic Health Records

The FDA has become increasingly active in addressing the regulation of computer software intended for use in health care settings, and has developed and continues to develop policies on regulating clinical decision support tools and other types of software as medical devices. Certain of our businesses involve the development and sale of software and related products to support physician and dental practice management, and it is possible that the FDA or foreign government authorities could determine that one or more of our products is a medical device, which could subject us or one or more of our businesses to substantial additional requirements with respect to these products.

In addition, our businesses that involve physician and dental practice management products include electronic information technology systems that store and process personal health, clinical, financial and other sensitive information of individuals. These information technology systems may be vulnerable to breakdown, wrongful intrusions, data breaches and malicious attack, which could require us to expend significant resources to eliminate these problems and address related security concerns, and could involve claims against us by private parties and/or governmental agencies. For example, we are directly or indirectly subject to numerous federal, state, local and foreign laws and regulations that protect the privacy and security of such information, such as the privacy and security provisions of the federal Health Insurance Portability and Accountability Act of 1996, as amended, and implementing regulations (“HIPAA”). HIPAA requires, among other things, the implementation of various recordkeeping, operational, notice and other practices intended to safeguard that information, limit its use to allowed purposes and notify individuals in the event of privacy and security breaches. Failure to comply with these laws and regulations can result in substantial penalties and other liabilities.

We also sell products and services that health care providers, such as physicians and dentists, use to store and manage patient medical or dental records. These customers are subject to laws and regulations, such as HIPAA, which require that they protect the privacy and security of those records, and our products may be used as part of these customers' comprehensive data security programs, including in connection with their efforts to comply with applicable privacy and security laws. Perceived or actual security vulnerabilities in our products or services, or the perceived or actual failure by us or our customers who use our products to comply with applicable legal or contractual requirements, may not only cause us significant reputational harm, but may also lead to claims against us by our customers and/or governmental agencies and involve substantial fines, penalties and other liabilities and expenses and costs for remediation.

Federal initiatives provide a program of incentive payments available to certain health care providers involving the adoption and use of certain electronic health care records systems and processes. The initiatives include providing, among others, physicians and dentists, with financial incentives if they meaningfully use certified EHR technology in accordance with applicable and evolving requirements. In addition, Medicare-eligible providers that fail to timely adopt certified EHR systems and meet “meaningful use” requirements for those systems in accordance with regulatory requirements are to be subject to cumulative Medicare reimbursement reductions, which reductions for applicable health professionals (including physicians and dentists) began on January 1, 2015. Qualification for the incentive payments requires the use of EHRs that have certain capabilities for meaningful use pursuant to evolving standards adopted by CMS and by the Office of the National Coordinator for Health Information Technology (“ONC”) of the Department of Health and Human Services (“HHS”).

The use of certified EHR technology will continue as a feature of MACRA’s MIPS program, and in connection with this, Medicare EHR program payment adjustments to eligible professionals will sunset at the end of 2018 and MIPS payment adjustments will begin on January 1, 2019. The first performance period for MIPS began January 1, 2017, and will afford eligible clinicians different reporting options linked to the amount of data reported and the duration of the reporting period, with positive payment adjustments generally linked to more robust reporting.

On October 6, 2015, CMS and ONC released comprehensive final rules with respect to the EHR program that, among other things, established the more challenging “Stage 3” criteria, made certain adjustments to Stage 1 and Stage 2 standards (e.g., reducing the 2015 reporting period from a full year to 90 days), and finalized 2015 edition health information technology (HIT) certification criteria (which is now added to the existing 2014 edition HIT certification criteria, but not required until 2018). Notably, under the new rules, compliance with Stage 3 standards is optional for providers in 2017, and would generally be required for all eligible providers (regardless of prior participation in the EHR incentive program) for 2018 reporting periods and subsequently. Developers and others involved in the manufacture of EHR program technology will have this interim period to develop and certify products, and work with customers to implement products for the 2018 EHR program period. In connection with the release of the October 6 rules, HHS has also stated that it will continue to modify applicable EHR program standards. On November 14, 2016, CMS published a final rule that will impact Medicare and Medicaid EHR incentive programs through revisions to the objectives and measures for eligible hospitals, critical access hospitals and dual-eligible hospitals.

Certain of our businesses involve the manufacture and sale of certified EHR systems and other products linked to incentive programs. CMS and ONC establish criteria for certified EHR systems, and these criteria have been subject to change. In order to maintain certification of our EHR products, we must satisfy these changing governmental criteria. Moreover, in order to satisfy our customers, our products may need to incorporate increasingly complex reporting functionality. Although we believe we are positioned to accomplish this, the effort may involve increased costs, and our failure to implement product modifications, or otherwise satisfy applicable standards, could have a material adverse effect on our business.

Other health information standards, such as regulations under HIPAA, establish standards regarding electronic health data transmissions and transaction code set rules for specific electronic transactions, such as transactions involving claims submissions to third party payers. Certain of our businesses provide electronic practice management products

that must meet these requirements. Failure to abide by electronic health data transmission standards could expose us to breach of contract claims, substantial fines, penalties, and other liabilities and expenses, costs for remediation and harm to our reputation.

There may be additional legislative initiatives in the future impacting health care.

E-Commerce

Electronic commerce solutions have become an integral part of traditional health care supply and distribution relationships. Our distribution business is characterized by rapid technological developments and intense competition. The continuing advancement of online commerce requires us to cost-effectively adapt to changing technologies, to enhance existing services and to develop and introduce a variety of new services to address the changing demands of consumers and our customers on a timely basis, particularly in response to competitive offerings.

Through our proprietary, technologically based suite of products, we offer customers a variety of competitive alternatives. We believe that our tradition of reliable service, our name recognition and large customer base built on solid customer relationships, position us well to participate in this significant aspect of the distribution business. We continue to explore ways and means to improve and expand our Internet presence and capabilities, including our online commerce offerings and our use of various social media outlets.

Results of Operations

The following tables summarize the significant components of our operating results and cash flows for each of the three years ended December 31, 2016, December 26, 2015 and December 27, 2014 (in thousands):

| | Years Ended December 31, 2016 |
|--|--|
| Operating results: | |
| Net sales | \$ 11,57 |
| Cost of sales | 8,337 |
| Gross profit | 3,233 |
| Operating expenses: | |
| Selling, general and administrative | 2,416 |
| Restructuring costs | 45,89 |
| Operating income | \$ 771,5 |
| Other expense, net | \$(15,73 |
| Net income | 556,3 |
| Net income attributable to Henry Schein, Inc. | 506,7 |
| | Years Ended December 31, 2016 |
| Cash flows: | |
| | \$ 615,4 |

Net cash provided by operating activities

.....
 Net cash used in investing activities

.....
 Net cash used in financing activities

(316,4

(300,2

Plans of Restructuring

On November 6, 2014, we announced a corporate initiative to rationalize our operations and provide expense efficiencies, which was expected to be completed by the end of fiscal 2015. This initiative originally planned for the elimination of approximately 2% to 3% of our workforce and the closing of certain facilities. We subsequently announced our plan to extend these restructuring activities through the end of 2016 to further implement cost-savings initiatives, which ultimately resulted in the elimination of approximately 900 positions, representing slightly more than 4% of our workforce. The total costs associated with the actions to date for this restructuring include \$34.9 million pre-tax, which was recorded in fiscal 2015 and \$45.9 million pre-tax, which has been recorded in fiscal 2016. The costs associated with this restructuring are included in a separate line item, "Restructuring costs" within our consolidated statements of income.

As of December 31, 2016 our restructuring activities are complete and we do not expect to incur any additional restructuring charges in fiscal 2017.

2016 Compared to 2015

Net Sales

Net sales for 2016 and 2015 were as follows (in thousands):

Health care distribution (1):

| | |
|--------------------------------------|--|
| Dental | |
| Animal health | |
| Medical | |
| Total health care distribution | |

Technology and value-added services

| | |
|-------------|--|
| (2)..... | |
| Total | |

(1) Consists of consumable products, small equipment, laboratory products, large equipment, equipment repair services, brand generic pharmaceuticals, vaccines, surgical products, diagnostic tests, infection-control products and vitamins.

(2) Consists of practice management software and other value-added products, which are distributed primarily to health care providers, and financial services on a non-recourse basis, e-services, continuing education services for practitioners, consulting and other services.

The fiscal year ended December 31, 2016 consisted of 53 weeks as compared to the fiscal year ended December 26, 2015, which consisted of 52 weeks.

The \$941.9 million, or 8.9%, increase in net sales for the year ended December 31, 2016 includes an increase of 10.1% local currency growth (6.7% increase in internally generated revenue, 1.5% impact from extra week and 1.9% growth from acquisitions) partially offset by a decrease of 1.2% related to foreign currency exchange.

The \$278.9 million, or 5.3%, increase in dental net sales for the year ended December 31, 2016 includes an increase of 6.2% in local currencies (3.2% increase in internally generated revenue, 1.5% impact from extra week and 1.5% growth from acquisitions) offset by a decrease of 0.9% related to foreign currency exchange. The 6.2% increase in local currency sales was due to increases in dental equipment sales and service revenues of 9.0% (5.1% increase in internally generated revenue, 2.5% impact from extra week and 1.4% growth from acquisitions) and dental consumable merchandise sales growth of 5.3% (2.6% increase in internally generated revenue, 1.2% impact from

extra week and 1.5% growth from acquisitions).

The \$331.5 million, or 11.3%, increase in animal health net sales for the year ended December 31, 2016 includes an increase of 13.9% local currency growth (9.6% increase in internally generated revenue, 1.5% impact from extra week and 2.8% growth from acquisitions) partially offset by a decrease of 2.6% related to foreign currency exchange. The growth in internally generated animal health revenue is affected by the revenue for certain products being recognized on a gross basis in 2016 that had been recognized on an agency basis in the prior year. When excluding the effects of this change, internally generated revenue grew by 7.1%.

The \$264.7 million, or 12.8%, increase in medical net sales for the year ended December 31, 2016 includes an increase of 12.8% local currency growth (11.1% increase in internally generated revenue and 1.7% impact from extra week). The growth in internally generated medical revenue is affected by certain sales being recognized on a gross basis in 2016 that had been recognized on an agency basis in the prior year. When excluding the effects of this change, internally generated revenue grew by 7.9%.

The \$66.8 million, or 18.6%, increase in technology and value-added services net sales for the year ended December 31, 2016 includes an increase of 20.0% local currency growth (7.9% increase in internally generated revenue, 0.9% impact from extra week and 11.2% growth from acquisitions) partially offset by a decrease of 1.4% related to foreign currency exchange.

Gross Profit

Gross profit and gross margins for 2016 and 2015 by segment and in total were as follows (in thousands):

| | |
|-------------------------------------|----|
| Health care distribution | 20 |
| | \$ |
| Technology and value-added services | |
| | : |
| Total | \$ |

Gross profit increased \$221.7 million, or 7.4%, for the year ended December 31, 2016 compared to the prior year period. As a result of different practices of categorizing costs associated with distribution networks throughout our industry, our gross margins may not necessarily be comparable to other distribution companies. Additionally, we realize substantially higher gross margin percentages in our technology segment than in our health care distribution segment. These higher gross margins result from being both the developer and seller of software products and services, as well as certain financial services. The software industry typically realizes higher gross margins to recover investments in research and development.

Within our health care distribution segment, gross profit margins may vary from one period to the next. Changes in the mix of products sold as well as changes in our customer mix have been the most significant drivers affecting our gross profit margin. For example, sales of pharmaceutical products are generally at lower gross profit margins than other products. Conversely, sales of our private label products achieve gross profit margins that are higher than average. With respect to customer mix, sales to our large-group customers are typically completed at lower gross margins due to the higher volumes sold as opposed to the gross margin on sales to office-based practitioners who normally purchase lower volumes at greater frequencies.

Health care distribution gross profit increased \$184.5 million, or 6.7%, for the year ended December 31, 2016 compared to the prior year period. Health care distribution gross profit margin decreased to 26.5% for the year ended December 31, 2016 from 27.0% for the comparable prior year period. The overall increase in our health care distribution gross profit is attributable to a \$170.8 million gross profit increase from growth in internally generated revenue and \$60.9 million is attributable to acquisitions. These increases were partially offset by a \$47.2 million decline in gross profit due primarily to the effects of foreign exchange on revenues and the decrease in the gross margin rates.

Technology and value-added services gross profit increased \$37.2 million, or 15.3%, for the year ended December 31, 2016 compared to the prior year period. Technology and value-added services gross profit margin decreased to 66.0% for the year ended December 31, 2016 from 67.9% for the comparable prior year period. Acquisitions accounted for \$18.5 million of our gross profit increase within our technology and value-added services segment for the year ended December 31, 2016 compared to the prior year period. The remaining increase of \$18.7 million in our technology and value-added services segment gross profit was primarily attributable to growth in internally generated revenue.

Selling, General and Administrative

Selling, general and administrative expenses by segment and in total for 2016 and 2015 were as follows (in thousands):

| | |
|-------------------------------------|----|
| Health care distribution | 20 |
| | \$ |
| Technology and value-added services | |
| | |
| Total | \$ |

Selling, general and administrative expenses increased \$173.1 million, or 7.7%, for the year ended December 31, 2016 from the comparable prior year period. The \$148.7 million increase in selling, general and administrative expenses within our health care distribution segment for the year ended December 31, 2016 as compared to the prior year period was attributable to \$57.6 million of additional costs from acquired companies, and \$91.1 million

of additional operating costs. The \$24.4 million increase in selling, general and administrative expenses within our technology and value-added services segment for the year ended December 31, 2016 as compared to the prior year period was attributable to \$15.2 million of additional costs from acquired companies and \$9.2 million of additional operating costs. As a percentage of net sales, selling, general and administrative expenses decreased to 20.9% from 21.1% for the comparable prior year period.

As a component of total selling, general and administrative expenses, selling expenses increased \$104.2 million, or 7.6%, for the year ended December 31, 2016 from the comparable prior year period. As a percentage of net sales, selling expenses decreased to 12.8% from 13.0% for the comparable prior year period.

As a component of total selling, general and administrative expenses, general and administrative expenses increased \$68.9 million, or 8.0%, for the year ended December 31, 2016 from the comparable prior year period. As a percentage of net sales, general and administrative expenses decreased to 8.1% from 8.2% for the comparable prior year period.

Other Expense, Net

Other expense, net for the years ended 2016 and 2015 was as follows (in thousands):

| | |
|--------------------------|--------|
| | 2016 |
| Interest income | \$13,2 |
| Interest expense | (31, |
| Other, net | 2,87 |
| Other expense, net | \$(15, |

Other expense, net increased \$2.5 million to \$15.7 million for the year ended December 31, 2016 from the comparable prior year period. Interest expense increased \$5.9 million primarily due to increased borrowings under our bank credit lines and our U.S. trade accounts receivable securitization. Higher interest rates also contributed to the increase in interest expense. Other, net increased by \$3.0 million due primarily to investment proceeds received in the first quarter of 2016.

Income Taxes

For the year ended December 31, 2016, our effective tax rate was 28.8% compared to 29.3% for the prior year period. During the second quarter of 2016, the effective tax rate was affected by a federal tax audit settlement, which reduced our income tax expense by approximately \$4.5 million.

During the third quarter of 2015, we received a favorable response to a tax petition, which allowed us to conclude that it was more likely than not that certain unrecognized tax benefits, which had been previously reserved, would be realized. As a result, our provision for income taxes in 2015 included a \$6.3 million income tax benefit.

Absent the effects of this income tax benefit in the third quarter of 2015, our effective tax rate for the year ended December 26, 2015 would have been 30.2% as compared to our actual effective tax rate of 29.3%. The remaining difference between our effective tax rate and the federal statutory tax rate for both periods primarily relates to state and foreign income taxes and interest expense. For 2017, we expect our effective tax rate to be in the range of 28%.

Net Income

Net income increased \$33.0 million, or 6.3%, for the year ended December 31, 2016, compared to the prior year period due to the factors noted above.

2015 Compared to 2014

Net Sales

Net sales for 2015 and 2014 were as follows (in thousands):

Health care distribution (1):

Dental

Animal health
.....

Medical

Total health care distribution
.....

Technology and value-added services (2)

.....
Total

(1) Consists of consumable products, small equipment, laboratory products, large equipment, equipment repair services, brand generic pharmaceuticals, vaccines, surgical products, diagnostic tests, infection-control products and vitamins.