

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

FORM 10-K

**Annual Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934
For the fiscal year ended December 31, 2019**

or

**Transition Report Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934
For the transition period from ____ to ____.**

Commission File Number 001-14817

PACCAR Inc

(Exact name of Registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

91-0351110

(I.R.S. Employer Identification No.)

777 - 106th Ave. N.E., Bellevue, WA

(Address of principal executive offices)

98004

(Zip Code)

Registrant's telephone number, including area code (425) 468-7400

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

<u>Title of Each Class</u>	<u>Trading Symbol(s)</u>	<u>Name of Each Exchange on Which Registered</u>
Common Stock, \$1 par value	PCAR	The NASDAQ Global Select Market LLC

Securities registered pursuant to Section 12(g) of the Act: NONE

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

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

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

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

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

Large accelerated filer	<input checked="" type="checkbox"/>	Accelerated filer	<input type="checkbox"/>
Non-accelerated filer	<input type="checkbox"/>	Smaller reporting company	<input type="checkbox"/>
		Emerging growth company	<input type="checkbox"/>

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

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

The aggregate market value of the voting stock held by non-affiliates of the registrant as of June 30, 2019:

Common Stock, \$1 par value – \$24.37 billion

The number of shares outstanding of the registrant's classes of common stock, as of January 31, 2020:

Common Stock, \$1 par value – 346,353,327 shares

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the proxy statement for the annual stockholders meeting to be held on April 21, 2020 are incorporated by reference into Part III.

PACCAR Inc – FORM 10-K

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PART I

ITEM 1. BUSINESS.

(a) General Development of Business

PACCAR Inc (the Company or PACCAR), incorporated under the laws of Delaware in 1971, is the successor to Pacific Car and Foundry Company which was incorporated in Washington in 1924. The Company traces its predecessors to Seattle Car Manufacturing Company formed in 1905.

(b) Financial Information About Industry Segments and Geographic Areas

Information about the Company's industry segments and geographic areas in response to Items 101(b), (c)(1)(i), and (d) of Regulation S-K appears in Item 8, Note S, of this Form 10-K.

(c) Narrative Description of Business

PACCAR is a multinational company operating in three principal industry segments:

- (1) The Truck segment includes the design, manufacture and distribution of high-quality, light-, medium- and heavy-duty commercial trucks. Heavy-duty trucks have a gross vehicle weight (GVW) of over 33,000 lbs (Class 8) in North America and over 16 metric tonnes in Europe. Medium-duty trucks have a GVW ranging from 19,500 to 33,000 lbs (Class 6 to 7) in North America, and in Europe, light- and medium-duty trucks range between 6 and 16 metric tonnes. Trucks are configured with engine in front of cab (conventional) or cab-over-engine (COE).
- (2) The Parts segment includes the distribution of aftermarket parts for trucks and related commercial vehicles.
- (3) The Financial Services segment includes finance and leasing products and services provided to customers and dealers. PACCAR's finance and leasing activities are principally related to PACCAR products and associated equipment.

PACCAR's Other business includes the manufacturing and marketing of industrial winches.

TRUCKS

PACCAR's trucks are marketed under the Kenworth, Peterbilt and DAF nameplates. These trucks, which are built in three plants in the United States, three in Europe and one each in Australia, Brasil, Canada and Mexico, are used worldwide for over-the-road and off-highway hauling of commercial and consumer goods. The Company also manufactures engines, primarily for use in the Company's trucks, at its facilities in Columbus, Mississippi; Eindhoven, the Netherlands; and Ponta Grossa, Brasil. PACCAR competes in the North American Class 8 market, primarily with Kenworth and Peterbilt conventional models. These trucks are assembled at facilities in Chillicothe, Ohio; Denton, Texas; Renton, Washington; Mexicali, Mexico and Ste. Therese, Canada. PACCAR also competes in the North American Class 6 to 7 markets primarily with Kenworth and Peterbilt conventional models. These trucks are assembled at facilities in Ste. Therese, Canada; Denton, Texas, and Mexicali, Mexico. PACCAR competes in the European light/medium market with DAF COE trucks assembled in the United Kingdom (U.K.) by Leyland, one of PACCAR's wholly owned subsidiaries, and participates in the European heavy market with DAF COE trucks assembled in the Netherlands and the U.K. PACCAR competes in the Brazilian heavy truck market with DAF models assembled at Ponta Grossa in the state of Paraná, Brasil. PACCAR competes in the Australian medium and heavy truck markets with Kenworth conventional and certain DAF COE models assembled at its facility at Bayswater in the state of Victoria, Australia, and DAF COE models primarily assembled in the U.K. Commercial truck manufacturing comprises the largest segment of PACCAR's business and accounted for 78% of total 2019 net sales and revenues.

Substantially all trucks are sold to independent dealers. The Kenworth and Peterbilt nameplates are marketed and distributed by separate divisions in the U.S. and a foreign subsidiary in Canada. The Kenworth nameplate is also marketed and distributed by foreign subsidiaries in Mexico and Australia. The DAF nameplate is marketed and distributed worldwide by a foreign subsidiary headquartered in the Netherlands and is also marketed and distributed by foreign subsidiaries in Brasil and Australia. The decision to operate as a subsidiary or as a division is incidental to PACCAR's Truck segment operations and reflects legal, tax and regulatory requirements in the various countries where PACCAR operates.

The Truck segment utilizes centrally managed purchasing, information technology, technical research and testing, treasury and finance functions. Some manufacturing plants in North America produce trucks for more than one nameplate, while other plants produce trucks for only one nameplate, depending on various factors. Best manufacturing practices within the Company are shared on a routine basis reflecting the similarity of the business models employed by each nameplate.

The Company's trucks have a reputation for high quality products, most of which are ordered by dealers according to customer specifications. Some units are ordered by dealers for stocking to meet the needs of certain customers who require immediate delivery or for customers that require chassis to be fitted with specialized bodies. For a significant portion of the Company's truck operations, major components, such as engines, transmissions and axles, as well as a substantial percentage of other components, are purchased from component manufacturers pursuant to PACCAR and customer specifications. DAF, which is more vertically integrated, manufactures PACCAR engines and axles and a higher percentage of other components for its heavy truck models. The Company also manufactures engines at its Columbus, Mississippi facility. In 2019, the Company installed PACCAR engines in 43% of the Company's Kenworth and Peterbilt heavy-duty trucks in the U.S. and Canada and substantially all of the DAF heavy-duty trucks sold throughout the world. Engines not manufactured by the Company are purchased from Cummins Inc. (Cummins). The Company purchased a significant portion of its transmissions from Eaton Corporation Plc. (Eaton) and ZF Friedrichshafen AG (ZF). The Company also purchased a significant portion of North America stampings used for cabs from Magna International Inc. (Magna). The Company has long-term agreements with Cummins, Eaton, ZF and Magna to provide for continuity of supply. A loss of supply from Cummins, Eaton, ZF or Magna, and the resulting interruption in the production of trucks, would have a material effect on the Company's results. Purchased materials and parts include raw materials, partially processed materials, such as castings, and finished components manufactured by independent suppliers. Raw materials, partially processed materials and finished components make up approximately 85% of the cost of new trucks. The value of major finished truck components manufactured by independent suppliers ranges from approximately 33% in Europe to approximately 86% in North America. In addition to materials, the Company's cost of sales includes labor and factory overhead, vehicle delivery and warranty. Accordingly, except for certain factory overhead costs such as depreciation, property taxes and utilities, the Company's cost of sales are highly correlated to sales.

The Company's DAF subsidiary purchases fully assembled cabs from a competitor, Renault V.I., for its European light-duty product line pursuant to a joint product development and long-term supply contract. Sales of trucks manufactured with these cabs amounted to approximately 3% of consolidated revenues in 2019. A short-term loss of supply, and the resulting interruption in the production of these trucks, would not have a material effect on the Company's results of operations. However, a loss of supply for an extended period of time would require the Company to either contract for an alternative source of supply or to manufacture cabs itself.

Other than these components, the Company is not limited to any single source for any significant component, although the sudden inability of a supplier to deliver components could have a temporary adverse effect on production of certain products. Manufacturing inventory levels are based upon production schedules, and orders are placed with suppliers accordingly.

Key factors affecting Truck segment earnings include the number of new trucks sold in the markets served and the margins realized on the sales. The Company's sales of new trucks are dependent on the size of the truck markets served and the Company's share of those markets. Truck segment sales and margins tend to be cyclical based on the level of overall economic activity, the availability of capital and the amount of freight being transported. The Company's costs for trucks consist primarily of material costs, which are influenced by the price of commodities such as steel, copper, aluminum and petroleum. The Company utilizes long-term supply agreements to reduce the variability of the unit cost of purchased materials and finished components. The Company's spending on research and development varies based on product development cycles and government requirements such as changes to diesel engine emissions and vehicle fuel efficiency standards in the various markets served. The Company maintains rigorous control of selling, general and administrative (SG&A) expenses and seeks to minimize such costs.

There are four principal competitors in the U.S. and Canada commercial truck market. The Company's share of the U.S. and Canadian Class 8 market was 30.0% of retail sales in 2019, and the Company's medium-duty market share was 16.9%. In Europe, there are six principal competitors in the commercial truck market, including parent companies to two competitors of the Company in the U.S. In 2019, DAF had a 16.2% share of the European heavy-duty market and a 9.7% share of the light/medium market. These markets are highly competitive in price, quality and service. PACCAR is not dependent on any single customer for its sales. There are no significant seasonal variations in sales.

The Peterbilt, Kenworth and DAF nameplates are recognized internationally and play an important role in the marketing of the Company's truck products. The Company engages in a continuous program of trademark and trade name protection in all marketing areas of the world.

The Company's truck products are subject to noise, emission and safety regulations. Competing manufacturers are subject to the same regulations. The Company believes the cost of complying with these regulations will not be detrimental to its business.

The Company had a total production backlog of \$6.3 billion at the end of 2019. Within this backlog, orders scheduled for delivery within three months (90 days) are considered to be firm. The 90-day backlog approximated \$3.3 billion at December 31, 2019, \$4.5 billion at December 31, 2018 and \$4.0 billion at December 31, 2017. Production of the year-end 2019 backlog is expected to be substantially completed during 2020.

PARTS

The Parts segment includes the distribution of aftermarket parts for trucks and related commercial vehicles to over 2,200 Kenworth, Peterbilt and DAF dealers in 99 countries around the world. Aftermarket truck parts are sold and delivered to the Company's independent dealers through the Company's 18 strategically located parts distribution centers (PDCs) in the U.S., Canada, Europe, Australia, Mexico and Central and South America. Parts are primarily purchased from various suppliers and also manufactured by the Company. Aftermarket parts inventory levels are determined largely by anticipated customer demand and the need for timely delivery. The Parts segment accounted for 16% of total 2019 net sales and revenues.

Key factors affecting Parts segment earnings include the aftermarket parts sold in the markets served and the margins realized on the sales. Aftermarket parts sales are influenced by the total number of the Company's trucks in service and the average age and mileage of those trucks. To reflect the benefit the Parts segment receives from costs incurred by the Truck segment, certain factory overhead, research and development, engineering and SG&A expenses are allocated from the Truck segment to the Parts segment. The Company's cost for parts sold consists primarily of material costs, which are influenced by the price of commodities such as steel, copper, aluminum and petroleum. The Company utilizes long-term supply agreements to reduce the variability of the cost of parts sold. The Company maintains rigorous control of SG&A expenses and seeks to minimize such costs.

FINANCIAL SERVICES

PACCAR Financial Services (PFS) operates in 25 countries in North America, Europe, Australia and South America through wholly owned finance companies operating under the PACCAR Financial trade name. PFS also conducts full service leasing operations through operating divisions or wholly owned subsidiaries in North America, Germany and Australia under the PacLease trade name. Selected dealers in North America are franchised to provide full service leasing. PFS provides its franchisees with equipment financing and administrative support. PFS also operates its own full service lease outlets. PFS's retail loan and lease customers consist of small, medium and large commercial trucking companies, independent owner/operators and other businesses and acquire their PACCAR trucks principally from independent PACCAR dealers. PFS accounted for 6% of total net sales and revenues and 57% of total assets in 2019.

PFS is primarily responsible for managing the sales of the Company's used trucks. The Company's Financial Services segment sells used trucks returned from matured operating leases in the ordinary course of business and trucks acquired from repossessions. PFS also obtains used trucks from the Truck segment in trades related to new truck sales and trucks returned from residual value guarantees (RVGs). Certain gains and losses from the sale of used trucks are shared with the Truck segment. The Company's Financial Services segment records revenue on the sale of used trucks received in trade and RVG returns.

The Company's finance receivables are classified as dealer wholesale, dealer retail and customer retail segments. The dealer wholesale segment consists of truck inventory financing to independent PACCAR dealers. The dealer retail segment consists of loans and leases to participating dealers and franchises, which use the proceeds to fund their customers' acquisition of trucks and related equipment. The customer retail segment consists of loans and leases directly to customers for their acquisition of trucks and related equipment. Customer retail receivables are further segregated by fleet and owner/operator classes. The fleet class consists of customers operating more than five trucks. All others are considered owner/operators. Similar methods are employed to assess and monitor credit risk for each class.

Finance receivables are secured by the trucks and related equipment being financed or leased. The terms of loan and lease contracts generally range from three to five years depending on the type and use of equipment. Payment is required on dealer inventory financing when the floored truck is sold to a customer or upon maturity of the flooring loan, whichever comes first. Dealer inventory loans generally mature within one year.

The Company funds its financial services activities primarily from collections on existing finance receivables and borrowings in the capital markets. The primary sources of borrowings in the capital markets are commercial paper and medium-term notes issued in public and private offerings and, to a lesser extent, bank loans. An additional source of funds is loans from other PACCAR companies. PFS matches the maturity and interest rate characteristics of its debt with the maturity and interest rate characteristics of loans and leases.

Key factors affecting the earnings of the Financial Services segment include the volume of new loans and leases, the yield earned on the loans and leases, the costs of funding investments in loans and leases and the ability to collect the amounts owed to PFS. New loan and lease volume is dependent on the volume of new trucks sold by Kenworth, Peterbilt and DAF and the share of those truck sales that are financed by the Financial Services segment. The Company's Financial Services market share is influenced by the extent of competition in the financing market. PFS's primary competitors include commercial banks and independent finance and leasing companies.

The revenue earned on loans and leases depends on market interest and lease rates and the ability of PFS to differentiate itself from the competition by superior industry knowledge and customer service. Dealer inventory loans have variable rates with rates reset monthly based on an index pertaining to the applicable local market. Retail loan and lease contracts normally have fixed rates over the contract term. PFS obtains funds either through fixed rate borrowings or through variable rate borrowings, a portion of which have been effectively converted to fixed rate through the use of interest-rate contracts. This enables PFS to obtain a stable spread between the cost of borrowing and the yield on fixed rate contracts over the contract term. Included in Financial Services cost of revenues is depreciation on equipment on operating leases. The amount of depreciation on operating leases principally depends on the acquisition cost of leased equipment, the term of the leases, which generally ranges from three to five years, and the residual value of the leases, which generally ranges from 30% to 70%. The margin earned is the difference between the revenues on loan and lease contracts and the direct costs of operation, including interest and depreciation.

PFS incurs credit losses when customers are unable to pay the full amounts due under loan and finance lease contracts. PFS takes a conservative approach to underwriting new retail business in order to minimize credit losses.

The ability of customers to pay their obligations to PFS depends on the state of the general economy, the extent of freight demand, freight rates and the cost of fuel, among other factors. PFS limits its exposure to any one customer, with no one customer or dealer balance representing over 5% of the aggregate portfolio assets. PFS generally requires a down payment and secures its interest in the underlying truck collateral and may require other collateral or guarantees. In the event of default, PFS will repossess the truck and sell it in the open market primarily through its dealer network as well as PFS used truck centers. PFS will also seek to recover any shortfall between the amounts owed and the amounts recovered from sale of the collateral. The amount of credit losses depends on the rate of default on loans and finance leases and, in the event of repossession, the ability to recover the amount owed from sale of the collateral which is affected by used truck prices. PFS's experience over the last fifty years financing truck sales has been that periods of economic weakness result in higher past dues and increased rates of repossession. Used truck prices also tend to fall during periods of economic weakness. As a result, credit losses tend to increase during periods of economic weakness. PFS provides an allowance for credit losses based on specifically identified customer risks and an analysis of estimated losses inherent in the portfolio, considering the amount of past due accounts, the trends of used truck prices and the economic environment in each of its markets.

Financial Services SG&A expenses consist primarily of personnel costs associated with originating and servicing the loan and lease portfolios. These costs vary somewhat depending on overall levels of business activity, but given the ongoing nature of servicing activities, tend to be relatively stable.

OTHER BUSINESSES

Other businesses include the manufacturing of industrial winches in two U.S. plants and marketing them under the Braden, Carco and Gearmatic nameplates. The markets for these products are highly competitive, and the Company competes with a number of well established firms. Sales of industrial winches were less than 1% of total net sales and revenues in 2019, 2018 and 2017.

The Braden, Carco and Gearmatic trademarks and trade names are recognized internationally and play an important role in the marketing of those products.

PATENTS

The Company owns numerous patents which relate to all product lines. Although these patents are considered important to the overall conduct of the Company's business, no patent or group of patents is considered essential to a material part of the Company's business.

REGULATION

As a manufacturer of highway trucks, the Company is subject to the National Traffic and Motor Vehicle Safety Act and Federal Motor Vehicle Safety Standards promulgated by the National Highway Traffic Safety Administration as well as environmental laws and regulations in the United States, and is subject to similar regulations in all countries where it has operations and where its trucks are distributed. In addition, the Company is subject to certain other licensing requirements to do business in the United States and Europe. The Company believes it is in compliance with laws and regulations applicable to safety standards, the environment and other licensing requirements in all countries where it has operations and where its trucks are distributed.

Information regarding the effects that compliance with international, federal, state and local provisions regulating the environment have on the Company's capital and operating expenditures and the Company's involvement in environmental cleanup activities is included in Management's Discussion and Analysis of Financial Condition and Results of Operations and the Company's Consolidated Financial Statements in Items 7 and 8, respectively.

EMPLOYEES

On December 31, 2019, the Company had approximately 27,000 employees.

OTHER DISCLOSURES

The Company's filings on Forms 10-K, 10-Q and 8-K and any amendments to those reports can be found on the Company's website www.paccar.com free of charge as soon as practicable after the report is electronically filed with, or furnished to, the Securities and Exchange Commission (SEC). The information on the Company's website is not incorporated by reference into this report. In addition, the Company's reports filed with the SEC can be found at www.sec.gov.

ITEM 1A. RISK FACTORS.

The following are significant risks which could have a material negative impact on the Company's financial condition or results of operations.

Business and Industry Risks

Commercial Truck Market Demand is Variable. The Company's business is highly sensitive to global and national economic conditions as well as economic conditions in the industries and markets it serves. Negative economic conditions and outlook can materially weaken demand for the Company's equipment and services. The yearly demand for commercial vehicles may increase or decrease more than overall gross domestic product in markets the Company serves, which are principally North America and Europe. Demand for commercial vehicles may also be affected by the introduction of new vehicles and technologies by the Company or its competitors.

Competition and Prices. The Company operates in a highly competitive environment, which could adversely affect the Company's sales and pricing. Financial results depend largely on the ability to develop, manufacture and market competitive products that profitably meet customer demand.

Production Costs and Supplier Capacity. The Company's products are exposed to variability in material and commodity costs. Commodity or component price increases and significant shortages of component products may adversely impact the Company's financial results or use of its production capacity. Many of the Company's suppliers also supply automotive manufacturers, and factors that adversely affect the automotive industry can also have adverse effects on these suppliers and the Company. Supplier delivery performance can be adversely affected if increased demand for these suppliers' products exceeds their production capacity. Unexpected events, including natural disasters, may increase the Company's cost of doing business or disrupt the Company's or its suppliers' operations.

The recent outbreak of the Coronavirus "COVID-19" in China has resulted in work stoppages at certain suppliers in China that are part of the Company's supply chain. As of February 19, 2020, the Company has not experienced shortages in supply as a result of the interruptions, but if the work stoppages were to be prolonged or expanded in scope, there could be resulting supply shortages which could impact the Company's ability to deliver trucks and parts to customers on schedule and have an adverse effect on the Company's revenues and profits.

Liquidity Risks, Credit Ratings and Costs of Funds. Disruptions or volatility in global financial markets could limit the Company's sources of liquidity, or the liquidity of customers, dealers and suppliers. A lowering of the Company's credit ratings could increase the cost of borrowing and adversely affect access to capital markets. The Company's Financial Services segment obtains funds for its operations from commercial paper, medium-term notes and bank debt. If the markets for commercial paper, medium-term notes and bank debt do not provide the necessary liquidity in the future, the Financial Services segment may experience increased costs or may have to limit its financing of retail and wholesale assets. This could result in a reduction of the number of vehicles the Company is able to produce and sell to customers.

The Financial Services Industry is Highly Competitive. The Company's Financial Services segment competes with banks, other commercial finance companies and financial services firms which may have lower costs of borrowing, higher leverage or market share goals that result in a willingness to offer lower interest rates, which may lead to decreased margins, lower market share or both. A decline in the Company's truck unit sales and a decrease in truck residual values and used truck inventory values due to lower used truck pricing are also factors which may affect the Company's Financial Services segment.

The Financial Services Segment is Subject to Credit Risk. The Financial Services segment is exposed to the risk of loss arising from the failure of a customer, dealer or counterparty to meet the terms of the loans, leases and derivative contracts with the Company.

Although the financial assets of the Financial Services segment are secured by underlying equipment collateral, in the event a customer cannot meet its obligations to the Company, there is a risk that the value of the underlying collateral will not be sufficient to recover the amounts owed to the Company, resulting in credit losses.

Interest-Rate Risks. The Financial Services segment is subject to interest-rate risks, because increases in interest rates can reduce demand for its products, increase borrowing costs and potentially reduce interest margins. PFS uses derivative contracts to match the interest rate characteristics of its debt to the interest rate characteristics of its finance receivables in order to mitigate the risk of changing interest rates.

Information Technology. The Company relies on information technology systems and networks to process, transmit and store electronic information, and to manage or support a variety of its business processes and activities. These computer systems and networks may be subject to disruptions during the process of upgrading or replacing software, databases or components; power outages; hardware failures; computer viruses; or outside parties attempting to disrupt the Company's business or gain unauthorized access to the Company's electronic data. The Company maintains and continues to invest in protections to guard against such events. Examples of these protections include conducting third-party penetration tests, implementing software detection and prevention tools, event monitoring, and disaster recoverability. Additionally the Company maintains a cybersecurity insurance policy. Despite these safeguards, there remains a risk of system disruptions, unauthorized access and data loss.

If the Company's computer systems were to be damaged, disrupted or breached, it could impact data availability and integrity, result in a theft of the Company's intellectual property or lead to unauthorized disclosure of confidential information of the Company's customers, suppliers and employees. Security breaches could also result in a violation of U.S. and international privacy and other laws and subject the Company to various litigations and governmental proceedings. These events could have an adverse impact on the Company's results of operations and financial condition, damage its reputation, disrupt operations and negatively impact competitiveness in the marketplace.

Political, Regulatory and Economic Risks

Multinational Operations. The Company's global operations are exposed to political, economic and other risks and events beyond its control in the countries in which the Company operates. The Company may be adversely affected by political instabilities, fuel shortages or interruptions in utility or transportation systems, natural calamities, wars, terrorism and labor strikes. Changes in government monetary or fiscal policies and international trade policies may impact demand for the Company's products, financial results and competitive position. PACCAR's global operations are subject to extensive trade, competition and anti-corruption laws and regulations that could impose significant compliance costs.

U.K. Exit from the European Union (EU). The U.K. formally exited the EU on January 31, 2020. Under the withdrawal agreement between the U.K. and the EU, there is a transition period that will last until December 31, 2020. During the transition period, all EU rules and regulations will continue to apply to the U.K. During 2020, the U.K. and the EU intend to conclude new agreements concerning their future relationship. If no agreement is reached during the transition period, and there is no mutually agreed extension of the transition period, the standard trade protocols of the World Trade Organization (WTO) would become effective.

The Company manufactures medium- and heavy-duty DAF trucks in the U.K. which are sold primarily in the U.K. and to a lesser extent in Europe and other world markets. In 2019, approximately 10% of the Company's worldwide truck production was manufactured in the U.K. In the event standard trade protocols of the WTO become effective, it is anticipated there would be an increase in tariffs on truck components and parts from the EU which would increase the cost of all trucks and parts in the U.K. The higher cost of trucks and parts may impact truck and parts sales and margins which could have an adverse impact on the Company's results of operations. The Company's results could also be impacted by the uncertainty regarding timing and terms of the final agreement, which could cause delays in capital investment decisions.

LIBOR (London Inter-Bank Offered Rate) Transition. Certain financing provided by PFS to dealers and retail customers, as well as financing extended to PFS are based on variable interest rate contracts. These contracts utilize various benchmark rates, including LIBOR, to establish applicable contract interest rates. PACCAR also utilizes hedging instruments and has line of credit arrangements which reference LIBOR (including other similar benchmark rates). In July 2017, the U.K. Financial Conduct Authority, which regulates LIBOR, announced it intends to stop compelling banks to submit rates for calculation of LIBOR after 2021. At this time it is not clear if LIBOR will continue to exist, and if not, what alternative benchmark rate will replace LIBOR. Any new benchmark rate will likely not replicate LIBOR exactly, which could impact currently active contracts which terminate after 2021.

Substantially all of the Company's contracts which reference LIBOR, including dealer wholesale financing contracts, medium-term notes, hedging instruments and line of credit arrangements, include fall-back language that specifies the methods to establish contract interest rates in the absence of LIBOR, or provide for the use of an alternative benchmark rate should LIBOR be discontinued.

The Company has retail loan and lease contracts with a current balance of approximately \$220 million, or less than 1.4% of PFS assets, that extend beyond 2021 and do not contain fall-back language or provide for the use of an alternative benchmark rate. The Company will seek to amend these contracts to allow for the use of an alternative benchmark rate.

Changes to benchmark rates will have an uncertain impact on finance receivables and other financial obligations, our current or future cost of funds and/or access to capital markets. The Company will attempt to minimize the impact of differences between the current and replacement benchmark rates through pricing adjustments on the financing provided by PFS, but it is not certain the Company will be able to do so. Based on the current balance of contracts referencing LIBOR (including other similar benchmark rates), it is estimated that for a 10 basis point difference between the current and replacement benchmark rates that the Company is unable to recover through pricing adjustments, income before income taxes would decrease by approximately \$2 million. Accordingly, the Company does not expect the anticipated changes to the use of LIBOR as a benchmark rate will have a material impact on the results of operations.

Environmental Regulations. The Company's operations are subject to environmental laws and regulations that impose significant compliance costs. The Company could experience higher research and development and manufacturing costs due to changes in government requirements for its products, including changes in emissions, fuel, greenhouse gas or other regulations.

Litigation, Product Liability and Regulatory. The Company's products are subject to recall for environmental, performance and safety-related issues. Product recalls, lawsuits, regulatory actions or increases in the reserves the Company establishes for contingencies may increase the Company's costs and lower profits. Due to the international nature of the Company's business, some products are also subject to international trade regulations, including customs and import / export related laws and regulations, government embargoes and sanctions prohibiting sales to specific persons or countries, as well as anti-corruption laws. The Company's reputation and its brand names are valuable assets, and claims or regulatory actions, even if unsuccessful or without merit, could adversely affect the Company's reputation and brand images because of adverse publicity.

Currency Exchange and Translation. The Company's consolidated financial results are reported in U.S. dollars, while significant operations are denominated in the currencies of other countries. Currency exchange rate fluctuations can affect the Company's assets, liabilities and results of operations through both translation and transaction risk, as reported in the Company's financial statements. The Company uses certain derivative financial instruments and localized production of its products to reduce, but not eliminate, the effects of foreign currency exchange rate fluctuations.

Accounting Estimates. In the preparation of the Company's financial statements in accordance with U.S. generally accepted accounting principles, management uses estimates and makes judgments and assumptions that affect asset and liability values and the amounts reported as income and expense during the periods presented. Certain of these estimates, judgments and assumptions, such as residual values on operating leases, the allowance for credit losses and product warranty are particularly sensitive. If actual results are different from estimates used by management, they may have a material impact on the financial statements. For additional disclosures regarding accounting estimates, see "Critical Accounting Policies" under Item 7 of this Form 10-K.

Taxes. Changes in statutory income tax rates in the countries in which the Company operates impact the Company's effective tax rate. Changes to other taxes or the adoption of other new tax legislation could affect the Company's provision for income taxes and related tax assets and liabilities.

ITEM 1B. UNRESOLVED STAFF COMMENTS.

None.

ITEM 2. PROPERTIES.

The Company and its subsidiaries own and operate manufacturing plants in five U.S. states, three countries in Europe, and in Australia, Brasil, Canada and Mexico. The Company also has 18 parts distribution centers, many sales and service offices, and finance and administrative offices which are operated in owned or leased premises in these and other locations. Facilities for product testing and research and development are located in the state of Washington and the Netherlands. The Company also has an innovation center in Sunnyvale, California. The Company's corporate headquarters is located in owned premises in Bellevue, Washington. The Company considers all of the properties used by its businesses to be suitable for their intended purposes.

The Company invests in facilities, equipment and processes to provide manufacturing and warehouse capacity to meet its customers' needs and improve operating performance.

The following summarizes the number of the Company's manufacturing plants and parts distribution centers by geographical location within indicated industry segments:

	U.S	Canada	Australia	Mexico	Europe	Central and So. America
Truck	4	1	1	1	3	1
Parts	6	2	2	1	5	2
Other	2	—	—	—	—	—

ITEM 3. LEGAL PROCEEDINGS.

On July 19, 2016, the European Commission (EC) concluded its investigation of all major European truck manufacturers and reached a settlement with DAF. Following the settlement, claims and lawsuits have been filed against the Company, DAF and certain DAF subsidiaries and other truck manufacturers in various European jurisdictions. These claims and lawsuits include a number of collective proceedings, including proposed class actions in the United Kingdom, alleging EC-related claims and seeking unspecified damages. Others may bring EC-related claims and lawsuits against the Company or its subsidiaries. While the Company believes it has meritorious defenses, such claims and lawsuits will likely take a significant period of time to resolve. The Company cannot reasonably estimate a range of loss, if any, that may result given the early stage of these claims and lawsuits. An adverse outcome of such proceedings could have a material impact on the Company's results of operations.

The Company and its subsidiaries are parties to various other lawsuits incidental to the ordinary course of business. Management believes that the disposition of such lawsuits will not materially affect the Company's business or financial condition.

ITEM 4. MINE SAFETY DISCLOSURES.

Not applicable.

PART II

ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES.

- (a) Market Information, Holders, Dividends, Securities Authorized for Issuance Under Equity Compensation Plans and Performance Graph.

Market Information, Holders and Dividends.

Common stock of the Company is traded on the NASDAQ Global Select Market under the symbol PCAR. The table below reflects the range of trading prices as reported by The NASDAQ Stock Market LLC and cash dividends declared. There were 1,474 record holders of the common stock at December 31, 2019.

QUARTER	2019			2018		
	DIVIDENDS DECLARED	STOCK PRICE		DIVIDENDS DECLARED	STOCK PRICE	
		HIGH	LOW		HIGH	LOW
First	\$.32	\$ 70.35	\$ 55.84	\$.25	\$ 79.69	\$ 62.82
Second	.32	73.00	65.78	.28	71.58	60.36
Third	.32	72.86	62.13	.28	72.89	59.82
Fourth	.32	83.41	65.17	.28	70.76	53.43
Year-End Extra	2.30			2.00		

The Company expects to continue paying regular cash dividends, although there is no assurance as to future dividends because they are dependent upon future earnings, capital requirements and financial conditions.

Securities Authorized for Issuance Under Equity Compensation Plans.

The following table provides information as of December 31, 2019 regarding compensation plans under which PACCAR equity securities are authorized for issuance.

	Number of Securities Granted and to be Issued Related to Outstanding Options and Restricted Stock Units	Weighted-average Exercise Price of Outstanding Options	Securities Available for Future Grant
Stock compensation plans approved by stockholders	4,070,289	\$ 60.18	12,473,227

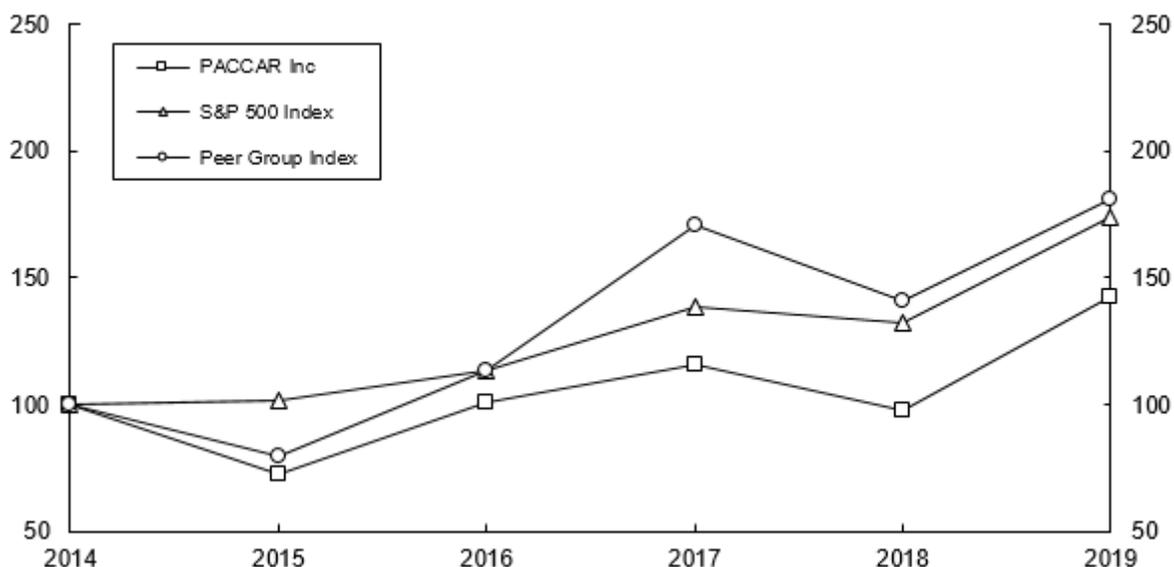
All stock compensation plans have been approved by the stockholders.

The number of securities to be issued includes those issuable under the PACCAR Inc Long Term Incentive Plan (LTI Plan) and the Restricted Stock and Deferred Compensation Plan for Non-Employee Directors (RSDC Plan). Securities to be issued include 398,757 shares that represent deferred cash awards payable in stock.

Securities available for future grant are authorized under the following two plans: (i) 11,779,721 shares under the LTI Plan, and (ii) 693,506 shares under the RSDC Plan.

Stockholder Return Performance Graph.

The following line graph compares the yearly percentage change in the cumulative total stockholder return on the Company’s common stock, to the cumulative total return of the Standard & Poor’s Composite 500 Stock Index and the return of the industry peer groups of companies identified in the graph (the “Peer Group Index”) for the last five fiscal years ended December 31, 2019. Standard & Poor’s has calculated a return for each company in the Peer Group Index weighted according to its respective capitalization at the beginning of each period with dividends reinvested on a monthly basis. Management believes that the identified companies and methodology used in the graph for the Peer Group Index provide a better comparison than other indices available. The Peer Group Index consists of AGCO Corporation, Caterpillar Inc., Cummins Inc., Dana Incorporated, Deere & Company, Eaton Corporation, Meritor Inc., Navistar International Corporation, Oshkosh Corporation, AB Volvo and CNH Industrial N.V. The comparison assumes that \$100 was invested December 31, 2014, in the Company’s common stock and in the stated indices and assumes reinvestment of dividends.



	2014	2015	2016	2017	2018	2019
PACCAR Inc	100	72.90	100.87	115.82	98.08	142.26
S&P 500 Index	100	101.38	113.51	138.29	132.23	173.86
Peer Group Index	100	79.55	113.15	170.75	141.11	181.31

(b) Use of Proceeds from Registered Securities.

Not applicable.

(c) Purchases of Equity Securities by the Issuer and Affiliated Purchasers.

On December 4, 2018, the Company’s Board of Directors approved the repurchase of up to \$500.0 million of the Company’s outstanding common stock. As of December 31, 2019, the Company has repurchased \$69.5 million of shares under this plan. There were no repurchases made during the fourth quarter of 2019.

ITEM 6. SELECTED FINANCIAL DATA.

	2019	2018	2017	2016	2015
	<i>(millions except per share data)</i>				
Truck, Parts and Other Net Sales and Revenues	\$ 24,119.7	\$ 22,138.6	\$ 18,187.5	\$ 15,846.6	\$ 17,942.8
Financial Services Revenues	1,480.0	1,357.1	1,268.9	1,186.7	1,172.3
Total Revenues	\$ 25,599.7	\$ 23,495.7	\$ 19,456.4	\$ 17,033.3	\$ 19,115.1
Net Income	\$ 2,387.9	\$ 2,195.1	\$ 1,675.2	\$ 521.7	\$ 1,604.0
Adjusted Net Income *			1,501.8	1,354.7	
Net Income Per Share:					
Basic	6.88	6.25	4.76	1.49	4.52
Diluted	6.87	6.24	4.75	1.48	4.51
Adjusted Diluted *			4.26	3.85	
Cash Dividends Declared Per Share	3.58	3.09	2.19	1.56	2.32
Total Assets:					
Truck, Parts and Other	12,289.7	11,082.8	10,237.9	8,444.1	8,855.2
Financial Services	16,071.4	14,399.6	13,202.3	12,194.8	12,254.6
Financial Services Debt	11,222.7	9,950.5	8,879.4	8,475.2	8,591.5
Stockholders' Equity	9,706.1	8,592.9	8,050.5	6,777.6	6,940.4

* See Reconciliation of GAAP to Non-GAAP Financial Measures.

RECONCILIATION OF GAAP TO NON-GAAP FINANCIAL MEASURES:

Item 6 of this Form 10-K includes “adjusted net income (non-GAAP)” and “adjusted net income per diluted share (non-GAAP)”, which are financial measures that are not in accordance with U.S. generally accepted accounting principles (“GAAP”), since they exclude the one-time tax benefit from the Tax Cuts and Jobs Act (“the Tax Act”) in 2017 and the non-recurring European Commission charge in 2016. These measures differ from the most directly comparable measures calculated in accordance with GAAP and may not be comparable to similarly titled non-GAAP financial measures used by other companies.

Management utilizes these non-GAAP measures to evaluate the Company’s performance and believes these measures allow investors and management to evaluate operating trends by excluding significant non-recurring items that are not representative of underlying operating trends.

Reconciliations from the most directly comparable GAAP measures of adjusted net income (non-GAAP) and adjusted net income per diluted share (non-GAAP) are as follows:

(\$ in millions, except per share amounts)
Year Ended December 31,

	2017	2016
Net income	\$ 1,675.2	\$ 521.7
One-time tax benefit from the Tax Act	(173.4)	
Non-recurring European Commission charge		833.0
Adjusted net income (non-GAAP)	\$ 1,501.8	\$ 1,354.7
Per diluted share:		
Net income	\$ 4.75	\$ 1.48
One-time tax benefit from the Tax Act	(.49)	
Non-recurring European Commission charge		2.37
Adjusted net income (non-GAAP)	\$ 4.26	\$ 3.85

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS.

OVERVIEW:

PACCAR is a global technology company whose Truck segment includes the design and manufacture of high-quality light-, medium- and heavy-duty commercial trucks. In North America, trucks are sold under the Kenworth and Peterbilt nameplates, in Europe, under the DAF nameplate and in Australia and South America, under the Kenworth and DAF nameplates. The Parts segment includes the distribution of aftermarket parts for trucks and related commercial vehicles. The Company's Financial Services segment derives its earnings primarily from financing or leasing PACCAR products in North America, Europe and Australia. The Company's Other business includes the manufacturing and marketing of industrial winches.

2019 Financial Highlights

- Worldwide net sales and revenues were a record \$25.60 billion in 2019 compared to \$23.50 billion in 2018 due to record revenues in the Truck, Parts and Financial Services segments.
- Truck sales were \$19.99 billion in 2019 compared to \$18.19 billion in 2018 primarily due to higher truck deliveries in the U.S. and Canada and Latin America.
- Parts sales were \$4.02 billion in 2019 compared to \$3.84 billion in 2018 primarily due to higher demand in the U.S. and Canada.
- Financial Services revenues were \$1.48 billion in 2019 compared to \$1.36 billion in 2018. The increase was primarily due to higher average earning asset balances and higher yields in North America.
- In 2019, PACCAR earned net income for the 81st consecutive year. Net income was \$2.39 billion (\$6.87 per diluted share) in 2019 compared to \$2.20 billion (\$6.24 per diluted share) in 2018 primarily reflecting higher Truck and Parts revenues and operating results.
- Capital investments were \$743.9 million in 2019 compared to \$437.1 million in 2018 reflecting continued investments in the Company's manufacturing facilities, new product development and enhanced aftermarket support.
- After-tax return on beginning equity (ROE) was 27.8% in 2019 compared to 27.3% in 2018.
- Research and development (R&D) expenses were \$326.6 million in 2019 compared to \$306.1 million in 2018.

PACCAR opened Global Embedded Software centers in Kirkland, Washington and Eindhoven, the Netherlands, which will accelerate embedded software development and connected vehicle solutions to benefit customers' operating efficiency.

In January 2020, PACCAR exhibited three vehicles with autonomous and alternative powertrain technologies at the CES 2020 show in Las Vegas, Nevada: a level 4 autonomous Kenworth T680; a battery-electric Peterbilt Model 520EV; and a battery-electric Kenworth K270E. These trucks are designed for a range of customer applications, including over-the-road transportation, refuse collection and urban distribution.

Peterbilt, Kenworth and DAF are field-testing battery-electric, hydrogen fuel cell and hybrid powertrain trucks with customers in North America and Europe. These customer field tests are providing excellent feedback on future truck technologies, which will support PACCAR's environmental and engineering leadership with the development of innovative alternative powertrain technologies.

PACCAR continues to add global distribution capacity to deliver industry-leading aftermarket parts availability to customers. PACCAR will open a new 250,000 square-foot parts distribution center in Las Vegas, Nevada and a new 160,000 square-foot parts distribution center in Ponta Grossa, Brasil in 2020 to enhance parts availability for customers.

PACCAR has been honored for the second consecutive year as a global leader in environmental practices by environmental reporting firm CDP, earning recognition on the 2019 *CDP Climate Change A List*. Over 8,000 companies disclosed data about their environmental impacts, risks and opportunities to CDP for independent assessment. PACCAR is one of only 35 companies in the U.S. earning a CDP score of "A" and is placed in the top 2% of reporting companies worldwide.

The PACCAR Financial Services (PFS) group of companies has operations covering four continents and 25 countries. The global breadth of PFS and its rigorous credit application process support a portfolio of loans and leases with record total assets of \$16.07 billion. PFS issued \$2.49 billion in medium-term notes during 2019 to support portfolio growth and repay maturing debt.

Truck Outlook

Heavy-duty truck industry retail sales in the U.S. and Canada in 2020 are expected to decrease to 230,000 to 260,000 units compared to 308,800 in 2019. In Europe, the 2020 truck industry registrations for over 16-tonne vehicles are expected to be 260,000 to 290,000 units compared to 320,200 in 2019. In South America, heavy-duty truck industry sales in 2020 are estimated to be 100,000 to 110,000 units compared to 105,000 units in 2019.

Parts Outlook

In 2020, PACCAR Parts sales are expected to grow 4-6% compared to 2019.

Financial Services Outlook

Based on the truck market outlook, average earning assets in 2020 are expected to remain similar to 2019 levels. Current strong levels of freight tonnage are contributing to customers' profitability and cash flow. If current freight transportation conditions decline due to weaker economic conditions, then past due accounts, truck repossessions and credit losses would likely increase from the current low levels and new business volume would likely decline.

Capital Spending and R&D Outlook

Capital investments in 2020 are expected to be \$625 to \$675 million, and R&D is expected to be \$310 to \$340 million. The Company is investing for long-term growth in aerodynamic truck models, integrated powertrains including diesel, electric, hybrid and hydrogen fuel cell technologies, advanced driver assistance systems, digital services and next-generation manufacturing and distribution capabilities.

See the Forward-Looking Statements section of Management's Discussion and Analysis for factors that may affect these outlooks.

RESULTS OF OPERATIONS:

The Company's results of operations for the years ended December 31, 2019 and 2018 are presented below. For information on the year ended December 31, 2017, refer to Part II, Item 7 in the 2018 Annual Report on Form 10-K.

(\$ in millions, except per share amounts)

<i>Year Ended December 31,</i>	<u>2019</u>	<u>2018</u>
Net sales and revenues:		
Truck	\$ 19,989.5	\$ 18,187.0
Parts	4,024.9	3,838.9
Other	105.3	112.7
Truck, Parts and Other	<u>24,119.7</u>	<u>22,138.6</u>
Financial Services	1,480.0	1,357.1
	<u>\$ 25,599.7</u>	<u>\$ 23,495.7</u>
Income (loss) before income taxes:		
Truck	\$ 1,904.9	\$ 1,672.1
Parts	830.8	768.6
Other	(17.7)	2.7
Truck, Parts and Other	<u>2,718.0</u>	<u>2,443.4</u>
Financial Services	298.9	305.9
Investment income	82.3	60.9
Income taxes	(711.3)	(615.1)
Net Income	<u>\$ 2,387.9</u>	<u>\$ 2,195.1</u>
Diluted earnings per share	<u>\$ 6.87</u>	<u>\$ 6.24</u>
After-tax return on revenues	<u>9.3%</u>	<u>9.3%</u>

The following provides an analysis of the results of operations for the Company's three reportable segments - Truck, Parts and Financial Services. Where possible, the Company has quantified the impact of factors identified in the following discussion and analysis. In cases where it is not possible to quantify the impact of factors, the Company lists them in estimated order of importance. Factors for which the Company is unable to specifically quantify the impact include market demand, fuel prices, freight tonnage and economic conditions affecting the Company's results of operations.

2019 Compared to 2018:

Truck

The Company's Truck segment accounted for 78% of revenues in 2019 compared to 77% in 2018.

The Company's new truck deliveries are summarized below:

<i>Year Ended December 31,</i>	<u>2019</u>	<u>2018</u>	<u>% CHANGE</u>
U.S. and Canada	<u>117,200</u>	<u>105,300</u>	<u>11</u>
Europe	<u>59,900</u>	<u>63,800</u>	<u>(6)</u>
Mexico, South America, Australia and other	<u>21,700</u>	<u>20,000</u>	<u>9</u>
Total units	<u><u>198,800</u></u>	<u><u>189,100</u></u>	<u><u>5</u></u>

In 2019, industry retail sales in the heavy-duty market in the U.S. and Canada increased to 308,800 units from 284,800 units in 2018. The Company's heavy-duty truck retail market share was 30.0% in 2019 compared to 29.4% in 2018. The medium-duty market was 108,100 units in 2019 compared to 98,100 units in 2018. The Company's medium-duty market share was 16.9% in 2019 compared to 17.7% in 2018.

The over 16-tonne truck market in Europe in 2019 increased to 320,200 units from 318,800 units in 2018, and DAF's market share was 16.2% in 2019 compared to 16.6% in 2018. The 6 to 16-tonne market in 2019 increased to 53,600 units from 51,900 units in 2018. DAF's market share in the 6 to 16-tonne market in 2019 was 9.7% compared to 9.0% in 2018.

The Company's worldwide truck net sales and revenues are summarized below:

(\$ in millions) Year Ended December 31,	2019	2018	% CHANGE
Truck net sales and revenues:			
U.S. and Canada	\$ 13,106.5	\$ 11,357.0	15
Europe	4,797.6	4,808.4	
Mexico, South America, Australia and other	2,085.4	2,021.6	3
	<u>\$ 19,989.5</u>	<u>\$ 18,187.0</u>	<u>10</u>
Truck income before income taxes	<u>\$ 1,904.9</u>	<u>\$ 1,672.1</u>	<u>14</u>
Pre-tax return on revenues	<u>9.5%</u>	<u>9.2%</u>	

The Company's worldwide truck net sales and revenues increased to \$19.99 billion in 2019 from \$18.19 billion in 2018, primarily due to higher truck deliveries in the U.S. and Canada and Latin America, partially offset by unfavorable currency translation effects. Truck segment income before income taxes and pre-tax return on revenues increased in 2019, reflecting higher truck unit deliveries and higher gross margins.

The major factors for the Truck segment changes in net sales and revenues, cost of sales and revenues and gross margin between 2019 and 2018 are as follows:

(\$ in millions)	NET SALES AND REVENUES	COST OF SALES AND REVENUES	GROSS MARGIN
2018	\$ 18,187.0	\$ 16,039.5	\$ 2,147.5
Increase (decrease)			
Truck sales volume	1,613.3	1,395.8	217.5
Average truck sales prices	489.8		489.8
Average per truck material, labor and other direct costs		297.8	(297.8)
Factory overhead and other indirect costs		65.2	(65.2)
Extended warranties, operating leases and other	71.9	101.9	(30.0)
Currency translation	(372.5)	(337.6)	(34.9)
Total increase	1,802.5	1,523.1	279.4
2019	\$ 19,989.5	\$ 17,562.6	\$ 2,426.9

- Truck sales volume primarily reflects higher truck deliveries in the U.S. and Canada (\$1,414.4 million sales and \$1,180.0 million cost of sales). In Europe, the impact of lower truck unit deliveries was more than offset by a decrease in units accounted for as operating leases, resulting in higher sales (\$236.8 million) and cost of sales (\$217.9 million).
- Average truck sales prices increased sales by \$489.8 million, primarily due to higher price realization in North America.
- Average cost per truck increased cost of sales by \$297.8 million, primarily reflecting higher material and labor costs.
- Factory overhead and other indirect costs increased \$65.2 million, primarily due to higher salaries and related expenses and higher supplies and maintenance costs to support increased truck production.
- Extended warranties, operating leases and other revenues increased by \$71.9 million primarily due to a higher volume of repair and maintenance (R&M) and extended warranty contracts, as well as higher revenues from operating leases. Cost of sales and revenues increased by \$101.9 million primarily due to higher impairments and losses on used trucks and higher costs of extended warranty and R&M contracts.
- The currency translation effect on sales and cost of sales reflects a decline in the value of foreign currencies relative to the U.S. dollar, primarily the euro.
- Truck gross margins increased to 12.1% in 2019 from 11.8% in 2018, primarily due to the factors noted above.

Truck selling, general and administrative expenses (SG&A) for 2019 increased to \$269.7 million from \$248.3 million in 2018. The increase was primarily due to higher professional fees (\$24.4 million) and higher salaries and related expenses (\$6.8 million), partially offset by favorable currency translation effects (\$9.7 million). As a percentage of sales, Truck SG&A decreased to 1.3% in 2019 from 1.4% in 2018 due to higher net sales.

Parts

The Company's Parts segment accounted for 16% of revenues in 2019 and 2018.

(\$ in millions)			
<i>Year Ended December 31,</i>			
	2019	2018	% CHANGE
Parts net sales and revenues:			
U.S. and Canada	\$ 2,731.7	\$ 2,545.1	7
Europe	908.5	921.4	(1)
Mexico, South America, Australia and other	384.7	372.4	3
	<u>\$ 4,024.9</u>	<u>\$ 3,838.9</u>	<u>5</u>
Parts income before income taxes	<u>\$ 830.8</u>	<u>\$ 768.6</u>	<u>8</u>
Pre-tax return on revenues	<u>20.6%</u>	<u>20.0%</u>	

The Company's worldwide parts net sales and revenues increased to a record \$4.02 billion in 2019 from \$3.84 billion in 2018, due to higher aftermarket demand in U.S. and Canada. The increase in Parts segment income before income taxes and pre-tax return on revenues in 2019 was primarily due to higher sales volume and higher price realization, partially offset by unfavorable currency translation.

The major factors for the Parts segment changes in net sales and revenues, cost of sales and revenues and gross margin between 2019 and 2018 are as follows:

(\$ in millions)			
	NET SALES AND REVENUES	COST OF SALES AND REVENUES	GROSS MARGIN
2018	\$ 3,838.9	\$ 2,793.5	\$ 1,045.4
Increase (decrease)			
Aftermarket parts volume	75.4	51.1	24.3
Average aftermarket parts sales prices	173.9		173.9
Average aftermarket parts direct costs		85.5	(85.5)
Warehouse and other indirect costs		17.6	(17.6)
Currency translation	(63.3)	(40.9)	(22.4)
Total increase	186.0	113.3	72.7
2019	\$ 4,024.9	\$ 2,906.8	\$ 1,118.1

- Aftermarket parts sales volume increased by \$75.4 million and related cost of sales increased by \$51.1 million due to higher demand in all markets.
- Average aftermarket parts sales prices increased sales by \$173.9 million primarily due to higher price realization in the U.S. and Canada.
- Average aftermarket parts direct costs increased \$85.5 million due to higher material costs.
- Warehouse and other indirect costs increased \$17.6 million, primarily due to higher salaries and related expenses and higher depreciation expense.
- The currency translation effect on sales and cost of sales primarily reflects a decline in the value of foreign currencies relative to the U.S. dollar, primarily the euro.
- Parts gross margins in 2019 increased to 27.8% from 27.2% in 2018 due to the factors noted above.

Parts SG&A expense for 2019 was \$207.8 million compared to \$206.2 million in 2018 primarily due to higher salaries and related expenses, partially offset by lower sales and marketing costs and favorable currency translation effects. As a percentage of sales, Parts SG&A decreased to 5.2% in 2019 from 5.4% in 2018, primarily due to higher net sales.

Financial Services

The Company's Financial Services segment accounted for 6% of revenues in 2019 and 2018.

(\$ in millions)			
Year Ended December 31,	2019	2018	% CHANGE
New loan and lease volume:			
U.S. and Canada	\$ 3,425.8	\$ 3,076.7	11
Europe	1,349.5	1,364.5	(1)
Mexico, Australia and other	857.7	792.1	8
	<u>\$ 5,633.0</u>	<u>\$ 5,233.3</u>	<u>8</u>
New loan and lease volume by product:			
Loans and finance leases	\$ 4,277.1	\$ 4,177.3	2
Equipment on operating lease	1,355.9	1,056.0	28
	<u>\$ 5,633.0</u>	<u>\$ 5,233.3</u>	<u>8</u>
New loan and lease unit volume:			
Loans and finance leases	38,000	40,500	(6)
Equipment on operating lease	13,700	10,300	33
	<u>51,700</u>	<u>50,800</u>	<u>2</u>
Average earning assets:			
U.S. and Canada	\$ 8,837.7	\$ 7,815.4	13
Europe	3,547.6	3,364.9	5
Mexico, Australia and other	1,895.5	1,749.9	8
	<u>\$ 14,280.8</u>	<u>\$ 12,930.2</u>	<u>10</u>
Average earning assets by product:			
Loans and finance leases	\$ 8,758.8	\$ 8,094.4	8
Dealer wholesale financing	2,428.8	1,847.1	31
Equipment on lease and other	3,093.2	2,988.7	3
	<u>\$ 14,280.8</u>	<u>\$ 12,930.2</u>	<u>10</u>
Revenues:			
U.S. and Canada	\$ 810.1	\$ 763.8	6
Europe	409.3	352.6	16
Mexico, Australia and other	260.6	240.7	8
	<u>\$ 1,480.0</u>	<u>\$ 1,357.1</u>	<u>9</u>
Revenues by product:			
Loans and finance leases	\$ 470.2	\$ 425.2	11
Dealer wholesale financing	112.8	72.5	56
Equipment on lease and other	897.0	859.4	4
	<u>\$ 1,480.0</u>	<u>\$ 1,357.1</u>	<u>9</u>
Income before income taxes	<u>\$ 298.9</u>	<u>\$ 305.9</u>	<u>(2)</u>

New loan and lease volume was a record \$5.63 billion in 2019 compared to \$5.23 billion in 2018, primarily reflecting higher truck deliveries in the U.S. and Canada. PFS finance market share of new PACCAR truck sales was 24.5% in 2019 compared to 23.9% in 2018.

PFS revenues increased to \$1.48 billion in 2019 from \$1.36 billion in 2018. The increase was primarily due to revenue on higher average earning assets and higher portfolio yields reflecting higher market interest rates in North America, and higher used truck sales volume in Europe, partially offset by the effects of translating weaker foreign currencies to the U.S. dollar. The effects of currency translation decreased PFS revenues by \$26.7 million in 2019, primarily due to changes in the euro.

PFS income before income taxes decreased to \$298.9 million in 2019 from \$305.9 million in 2018, primarily due to lower results on returned lease assets and higher SG&A expenses as \$12.0 million of certain initial direct costs were immediately expensed in 2019 with the adoption of the new lease standard, partially offset by higher average earning assets balances. Currency exchange effects decreased PFS income before taxes by \$3.2 million in 2019.

Included in Financial Services “Other Assets” on the Company’s Consolidated Balance Sheets are used trucks held for sale, net of impairments, of \$391.4 million at December 31, 2019 and \$226.4 million at December 31, 2018. These trucks are primarily units returned from matured operating leases in the ordinary course of business, and also include trucks acquired from repossessions, through acquisitions of used trucks in trades related to new truck sales and trucks returned from residual value guarantees (RVGs).

The Company recognized losses on used trucks, excluding repossessions, of \$57.5 million in 2019 compared to \$35.4 million in 2018, including losses on multiple unit transactions of \$19.1 million in 2019 compared to \$20.2 million in 2018. Used truck losses related to repossessions, which are recognized as credit losses, were not significant for 2019 or 2018.

The major factors for the changes in interest and fees, interest and other borrowing expenses and finance margin between 2019 and 2018 are outlined below:

(\$ in millions)	INTEREST AND FEES	INTEREST AND OTHER BORROWING EXPENSES	FINANCE MARGIN
2018	\$ 497.7	\$ 186.9	\$ 310.8
Increase (decrease)			
Average finance receivables	75.4		75.4
Average debt balances		31.5	(31.5)
Yields	16.6		16.6
Borrowing rates		14.0	(14.0)
Currency translation and other	(6.7)	(1.9)	(4.8)
Total increase	85.3	43.6	41.7
2019	\$ 583.0	\$ 230.5	\$ 352.5

- Average finance receivables increased \$1,452.5 million (excluding foreign exchange effects) in 2019 as a result of retail portfolio new business volume exceeding collections and higher dealer wholesale balances.
- Average debt balances increased \$1,456.1 million (excluding foreign exchange effects) in 2019. The higher average debt balances reflect funding for a higher average earning assets portfolio, which includes loans, finance leases, wholesale receivables and equipment on operating lease.
- Higher portfolio yields (5.2% in 2019 compared to 5.0% in 2018) increased interest and fees by \$16.6 million. The higher portfolio yields were primarily due to higher market rates in North America.
- Higher borrowing rates (2.2% in 2019 compared to 2.0% in 2018) were primarily due to higher debt market rates in North America.
- The currency translation effects reflect a decrease in the value of foreign currencies relative to the U.S. dollar, primarily the euro, the Australian and Canadian dollars and the British pound.

The following table summarizes operating lease, rental and other revenues and depreciation and other expenses:

(\$ in millions)	2019	2018
<i>Year Ended December 31,</i>		
Operating lease and rental revenues	\$ 831.0	\$ 826.0
Used truck sales and other	66.0	33.4
Operating lease, rental and other revenues	<u>\$ 897.0</u>	<u>\$ 859.4</u>
Depreciation of operating lease equipment	\$ 605.4	\$ 588.2
Vehicle operating expenses	143.8	121.5
Cost of used truck sales and other	49.0	18.3
Depreciation and other expenses	<u>\$ 798.2</u>	<u>\$ 728.0</u>

The major factors for the changes in operating lease, rental and other revenues, depreciation and other expenses and lease margin between 2019 and 2018 are outlined below:

(\$ in millions)	OPERATING LEASE, RENTAL AND OTHER REVENUES	DEPRECIATION AND OTHER EXPENSES	LEASE MARGIN
2018	\$ 859.4	\$ 728.0	\$ 131.4
Increase (decrease)			
Used truck sales	32.3	31.1	1.2
Results on returned lease assets		28.9	(28.9)
Average operating lease assets	34.7	30.0	4.7
Revenue and cost per asset	(11.2)	(.9)	(10.3)
Currency translation and other	(18.2)	(18.9)	.7
Total increase (decrease)	37.6	70.2	(32.6)
2019	\$ 897.0	\$ 798.2	\$ 98.8

- A higher sales volume of used trucks received on trade increased operating lease, rental and other revenues by \$32.3 million and increased depreciation and other expenses by \$31.1 million.
- Results on returned lease assets increased depreciation and other expenses by \$28.9 million primarily due to higher losses on sales of returned lease units in Europe.
- Average operating lease assets increased \$173.2 million (excluding foreign exchange effects), which increased revenues by \$34.7 million and related depreciation and other expenses by \$30.0 million.
- Revenue per asset decreased \$11.2 million primarily due to lower rental income and lower fleet utilization. Cost per asset decreased \$.9 million due to lower depreciation expense and lower vehicle related expenses, partially offset by higher operating lease impairments in Europe.
- The currency translation effects reflect a decrease in the value of foreign currencies relative to the U.S. dollar, primarily the euro.

Financial Services SG&A expense increased to \$137.0 million in 2019 from \$119.8 million in 2018. The increase was due to higher salaries and related expenses to support portfolio growth and the adoption of the new lease accounting standard under which \$12.0 million of certain initial direct costs were immediately expensed. In prior years, these costs were capitalized and amortized to expense over the lease term. As a percentage of revenues, Financial Services SG&A increased to 9.3% in 2019 from 8.8% in 2018.

The following table summarizes the provision for losses on receivables and net charge-offs:

(\$ in millions)	2019		2018	
	PROVISION FOR LOSSES ON RECEIVABLES	NET CHARGE-OFFS	PROVISION FOR LOSSES ON RECEIVABLES	NET CHARGE-OFFS
U.S. and Canada	\$ 13.5	\$ 14.0	\$ 10.4	\$ 6.9
Europe	(3.2)	(.8)	(.8)	5.9
Mexico, Australia and other	5.1	4.2	6.9	4.4
	<u>\$ 15.4</u>	<u>\$ 17.4</u>	<u>\$ 16.5</u>	<u>\$ 17.2</u>

The provision for losses on receivables was \$15.4 million in 2019 compared to \$16.5 million in 2018, reflecting continued good portfolio performance. The decrease in provision for losses was primarily driven by higher recoveries on charged-off accounts in Europe.

The Company modifies loans and finance leases as a normal part of its Financial Services operations. The Company may modify loans and finance leases for commercial reasons or for credit reasons. Modifications for commercial reasons are changes to contract terms for customers that are not considered to be in financial difficulty. Insignificant delays are modifications extending terms up to three months for customers experiencing some short-term financial stress, but not considered to be in financial difficulty. Modifications for credit reasons are changes to contract terms for customers considered to be in financial difficulty. The Company's modifications typically result in granting more time to pay the contractual amounts owed and charging a fee and interest for the term of the modification. When considering whether to modify customer accounts for credit reasons, the Company evaluates the creditworthiness

of the customers and modifies those accounts that the Company considers likely to perform under the modified terms. When the Company modifies a loan or finance lease for credit reasons and grants a concession, the modification is classified as a troubled debt restructuring (TDR).

The post-modification balance of accounts modified during the years ended December 31, 2019 and 2018 are summarized below:

(\$ in millions)	2019		2018	
	RECORDED INVESTMENT	% OF TOTAL PORTFOLIO*	RECORDED INVESTMENT	% OF TOTAL PORTFOLIO*
Commercial	\$ 316.4	3.5%	\$ 213.6	2.5%
Insignificant delay	83.2	.9%	50.3	.6%
Credit - no concession	23.3	.3%	52.2	.6%
Credit - TDR	2.5		13.1	.2%
	<u>\$ 425.4</u>	<u>4.7%</u>	<u>\$ 329.2</u>	<u>3.9%</u>

* Recorded investment immediately after modification as a percentage of the year-end retail portfolio balance.

In 2019, total modification activity increased compared to 2018 due to higher modifications for commercial reasons and insignificant delay, partially offset by lower modifications for credit - no concession and credit - TDR. The increase in modifications for commercial reasons primarily reflects higher volumes of refinancing. The increase in modifications for insignificant delay reflects more fleet customers requesting payment relief for up to three months. The decrease in modifications for credit - no concession is primarily due to lower volumes of refinancing in Europe for customers in financial difficulty. Credit - TDR modifications decreased to \$2.5 million in 2019 from \$13.1 million in 2018 as there were no large fleet modifications in 2019 compared to modifications for two fleet customers in 2018.

The following table summarizes the Company's 30+ days past due accounts:

<i>At December 31,</i>	2019	2018
Percentage of retail loan and lease accounts 30+ days past due:		
U.S. and Canada	.4%	.1%
Europe	.7%	.5%
Mexico, Australia and other	2.0%	1.6%
Worldwide	<u>.7%</u>	<u>.4%</u>

Accounts 30+ days past due increased slightly to .7% at December 31, 2019 from .4% at December 31, 2018, and remain at low levels. The Company continues to focus on maintaining low past due balances.

When the Company modifies a 30+ days past due account, the customer is then generally considered current under the revised contractual terms. The Company modified \$1.7 million and \$7.2 million of accounts worldwide during the fourth quarter of 2019 and the fourth quarter of 2018, respectively, which were 30+ days past due and became current at the time of modification. Had these accounts not been modified and continued to not make payments, the pro forma percentage of retail loan and lease accounts 30+ days past due would have been as follows:

<i>At December 31,</i>	2019	2018
Pro forma percentage of retail loan and lease accounts 30+ days past due:		
U.S. and Canada	.4%	.2%
Europe	.7%	.5%
Mexico, Australia and other	2.1%	1.8%
Worldwide	<u>.7%</u>	<u>.5%</u>

Modifications of accounts in prior quarters that were more than 30 days past due at the time of modification are included in past dues if they were not performing under the modified terms at December 31, 2019 and 2018. The effect on the allowance for credit losses from such modifications was not significant at December 31, 2019 and 2018.

The Company's 2019 and 2018 annualized pre-tax return on average assets for Financial Services was 2.0% and 2.2%, respectively.

Other

Other includes the winch business as well as sales, income and expenses not attributable to a reportable segment. Other also includes non-service cost components of pension expense and a portion of corporate expense. Other sales represent less than 1% of consolidated net sales and revenues for 2019 and 2018. Other SG&A increased to \$84.0 million in 2019 from \$70.4 million in 2018 primarily due to higher compensation costs.

Other (loss) income before tax was \$(17.7) million in 2019 compared to \$2.7 million in 2018. The loss in 2019 compared to income in 2018 was primarily due to higher compensation costs, lower results from the winch business and higher expected costs to resolve certain environmental matters.

Investment income increased to \$82.3 million in 2019 from \$60.9 million in 2018, primarily due to higher average portfolio balances and higher yields on U.S. investments due to higher market interest rates.

Income Taxes

In 2019, the effective tax rate was 23.0% compared to 21.9% in 2018. The Company's effective tax rate for 2018 benefitted from a one-time reduction in tax liability related to extended warranty contracts.

(\$ in millions)

Year Ended December 31,

	2019	2018
Domestic income before taxes	\$ 2,201.1	\$ 1,775.2
Foreign income before taxes	898.1	1,035.0
Total income before taxes	<u>\$ 3,099.2</u>	<u>\$ 2,810.2</u>
Domestic pre-tax return on revenues	14.5%	13.4%
Foreign pre-tax return on revenues	8.6%	10.1%
Total pre-tax return on revenues	<u>12.1%</u>	<u>12.0%</u>

In 2019, domestic income before income taxes and pre-tax return on revenues improved primarily due to higher revenues from truck operations. The decrease in foreign income before income taxes and pre-tax return on revenues was primarily due to lower truck and finance results in Europe and lower truck volumes in Australia.

LIQUIDITY AND CAPITAL RESOURCES:

(\$ in millions)

At December 31,

	2019	2018
Cash and cash equivalents	\$ 4,175.1	\$ 3,435.9
Marketable debt securities	1,162.1	1,020.4
	<u>\$ 5,337.2</u>	<u>\$ 4,456.3</u>

The Company's total cash and marketable debt securities at December 31, 2019 increased \$880.9 million from the balances at December 31, 2018, primarily due to an increase in cash and cash equivalents.

The change in cash and cash equivalents is summarized below:

(\$ in millions)

Year Ended December 31,

	2019	2018
Operating activities:		
Net income	\$ 2,387.9	\$ 2,195.1
Net income items not affecting cash	1,190.1	1,123.2
Pension contributions	(35.7)	(88.9)
Changes in operating assets and liabilities, net	(682.0)	(237.1)
Net cash provided by operating activities	2,860.3	2,992.3
Net cash used in investing activities	(2,207.4)	(1,930.7)
Net cash provided by financing activities	83.4	71.1
Effect of exchange rate changes on cash	2.9	(61.5)
Net increase in cash and cash equivalents	739.2	1,071.2
Cash and cash equivalents at beginning of the year	3,435.9	2,364.7
Cash and cash equivalents at end of the year	<u>\$ 4,175.1</u>	<u>\$ 3,435.9</u>

Operating activities: Cash provided by operations decreased by \$132.0 million to \$2.86 billion in 2019 from \$2.99 billion in 2018. The decrease in operating cash flows reflects lower cash inflows of \$556.5 million from accounts payable and accrued expenses, as payments for goods and services exceeded purchases by \$27.6 million in 2019 compared to purchases of goods and services exceeding payments by \$528.9 million in 2018. Additionally, lower operating cash flows reflect a reduction in liabilities for RVGs and deferred revenues of \$454.7 million, primarily due to a lower volume of new RVG contracts accounted for as operating leases in 2019 compared to 2018. The lower cash inflows were partially offset by higher cash inflow of \$357.3 million from inventories as there were \$24.6 million in net inventory reductions in 2019 versus \$332.7 million in net purchases in 2018. There was a \$226.8 million increase from accounts receivable as sales of goods and services exceeding cash receipts were lower in 2019 compared to 2018. In addition, there was a higher net income of \$192.8 million and an increase of \$140.3 million from income taxes, primarily due to lower tax payments in 2019 compared to 2018.

Investing activities: Cash used in investing activities increased by \$276.7 million to \$2.21 billion in 2019 from \$1.93 billion in 2018. Higher net cash used in investing activities reflects \$450.7 million for marketable debt securities as there were \$135.1 million in net purchases of marketable debt securities in 2019 compared to \$315.6 million in net proceeds from sales of marketable debt securities in 2018. Payments for property, plant and equipment increased by \$116.4 million. This was partially offset by lower net originations from retail loans and finance leases of \$251.9 million and fewer acquisitions of equipment on operating leases of \$97.9 million.

Financing activities: Cash provided by financing activities was \$83.4 million in 2019, \$12.3 million higher than the \$71.1 million provided in 2018. In 2019, the Company issued \$2.50 billion of term debt, repaid term debt of \$1.79 billion and increased its outstanding commercial paper and short-term bank loans by \$557.1 million. In 2018, the Company issued \$2.34 billion of term debt, repaid term debt of \$1.76 billion and increased its outstanding commercial paper and short-term bank loans by \$625.9 million. This resulted in cash provided by borrowing activities of \$1.27 billion in 2019, \$60.9 million higher than the cash provided by borrowing activities of \$1.21 billion in 2018. The Company paid \$1.14 billion in dividends in 2019, \$334.3 million higher than the \$804.3 million paid in 2018 due primarily to a higher extra dividend paid in January 2019. In addition, the Company repurchased 1.7 million shares of common stock for \$110.2 million in 2019 compared to the purchase of 5.8 million shares for \$354.4 million in 2018.

Credit Lines and Other:

The Company has line of credit arrangements of \$3.58 billion, of which \$3.27 billion were unused at December 31, 2019. Included in these arrangements are \$3.00 billion of committed bank facilities, of which \$1.00 billion expires in June 2020, \$1.00 billion expires in June 2023 and \$1.00 billion expires in June 2024. The Company intends to extend or replace these credit facilities on or before expiration to maintain facilities of similar amounts and duration. These credit facilities are maintained primarily to provide backup liquidity for commercial paper borrowings and maturing medium-term notes. There were no borrowings under the committed bank facilities for the year ended December 31, 2019.

On July 9, 2018, PACCAR's Board of Directors approved the repurchase of up to \$300.0 million of the Company's outstanding common stock, and on December 4, 2018, approved a plan to repurchase an additional \$500.0 million of common stock upon completion of the prior plan. During the second quarter of 2019, the Company completed the repurchase of \$300.0 million of the Company's common stock under the authorization approved on July 9, 2018. As of December 31, 2019, the Company has repurchased \$69.5 million of shares under the December 4, 2018 authorization.

Truck, Parts and Other

The Company provides funding for working capital, capital expenditures, R&D, dividends, stock repurchases and other business initiatives and commitments primarily from cash provided by operations. Management expects this method of funding to continue in the future.

Over the past decade, the Company's combined investments in worldwide capital projects and R&D totaled \$6.77 billion, and have significantly increased the operating capacity and efficiency of its facilities and enhanced the quality and operating efficiency of the Company's premium products.

Capital investments in 2020 are expected to be \$625 to \$675 million, and R&D is expected to be \$310 to \$340 million. The Company is investing for long-term growth in aerodynamic truck models, integrated powertrains including diesel, electric, hybrid and hydrogen fuel cell technologies, advanced driver assistance systems, digital services and next-generation manufacturing and distribution capabilities.

The Company conducts business in certain countries which have been experiencing or may experience significant financial stress, fiscal or political strain and are subject to the corresponding potential for default. The Company routinely monitors its financial exposure to global financial conditions, global counterparties and operating environments. As of December 31, 2019, the Company's exposures in such countries were insignificant.

Financial Services

The Company funds its financial services activities primarily from collections on existing finance receivables and borrowings in the capital markets. The primary sources of borrowings in the capital markets are commercial paper and medium-term notes issued in the public markets and, to a lesser extent, bank loans. An additional source of funds is loans from other PACCAR companies.

In November 2018, the Company's U.S. finance subsidiary, PACCAR Financial Corp. (PFC), filed a shelf registration under the Securities Act of 1933. The total amount of medium-term notes outstanding for PFC as of December 31, 2019 was \$5.55 billion. In February 2020, PFC issued \$300.0 million of medium-term notes under this registration. The registration expires in November 2021 and does not limit the principal amount of debt securities that may be issued during that period.

As of December 31, 2019, the Company's European finance subsidiary, PACCAR Financial Europe, had €1.35 billion available for issuance under a €2.50 billion medium-term note program listed on the Professional Securities Market of the London Stock Exchange. This program replaced an expiring program in the second quarter of 2019 and is renewable annually through the filing of a new listing.

In April 2016, PACCAR Financial Mexico registered a 10.00 billion peso medium-term note and commercial paper program with the Comision Nacional Bancaria y de Valores. The registration expires in April 2021 and limits the amount of commercial paper (up to one year) to 5.00 billion pesos. At December 31, 2019, 6.80 billion pesos were available for issuance.

In August 2018, the Company's Australian subsidiary, PACCAR Financial Pty. Ltd. (PFPL), registered a medium-term note program. The program does not limit the principal amount of debt securities that may be issued under the program. The total amount of medium-term notes outstanding for PFPL as of December 31, 2019 was 300.0 million Australian dollars.

The Company believes its cash balances and investments, collections on existing finance receivables, committed bank facilities, and current investment-grade credit ratings of A+/A1 will continue to provide it with sufficient resources and access to capital markets at competitive interest rates and therefore contribute to the Company maintaining its liquidity and financial stability. In the event of a decrease in the Company's credit ratings or a disruption in the financial markets, the Company may not be able to refinance its maturing debt in the financial markets. In such circumstances, the Company would be exposed to liquidity risk to the degree that the timing of debt maturities differs from the timing of receivable collections from customers. The Company believes its various sources of liquidity, including committed bank facilities, would continue to provide it with sufficient funding resources to service its maturing debt obligations.

Commitments

The following summarizes the Company's contractual cash commitments at December 31, 2019:

(\$ in millions)	MATURITY				TOTAL
	WITHIN 1 YEAR	1-3 YEARS	3-5 YEARS	MORE THAN 5 YEARS	
Borrowings*	\$ 5,631.3	\$ 4,581.1	\$ 1,030.8		\$ 11,243.2
Purchase obligations	83.8	123.6	.8		208.2
Interest on debt**	156.2	155.5	19.8		331.5
Lease liabilities	15.7	17.9	4.2	\$ 2.5	40.3
Other obligations	38.7	3.3	1.2		43.2
	<u>\$ 5,925.7</u>	<u>\$ 4,881.4</u>	<u>\$ 1,056.8</u>	<u>\$ 2.5</u>	<u>\$ 11,866.4</u>

* Commercial paper included in borrowings is at par value.

** Interest on floating-rate debt is based on the applicable market rates at December 31, 2019.

Total cash commitments for borrowings and interest on term debt were \$11.57 billion and were related to the Financial Services segment. As described in Note J of the consolidated financial statements, borrowings consist primarily of term notes and commercial paper issued by the Financial Services segment. The Company expects to fund its maturing Financial Services debt obligations principally from funds provided by collections from customers on loans and lease contracts, as well as from the proceeds of commercial paper and medium-term note borrowings. Purchase obligations are the Company's contractual commitments to acquire future production inventory and capital equipment. Other obligations primarily include commitments to purchase energy.

The Company's other commitments include the following at December 31, 2019:

(\$ in millions)	COMMITMENT EXPIRATION				TOTAL
	WITHIN 1 YEAR	1-3 YEARS	3-5 YEARS	MORE THAN 5 YEARS	
Loan and lease commitments	\$ 885.8				\$ 885.8
Residual value guarantees	445.9	\$ 730.2	\$ 131.3	\$ 26.7	1,334.1
Letters of credit	9.5	.1	.3	1.4	11.3
	<u>\$ 1,341.2</u>	<u>\$ 730.3</u>	<u>\$ 131.6</u>	<u>\$ 28.1</u>	<u>\$ 2,231.2</u>

Loan and lease commitments are for funding new retail loan and lease contracts. Residual value guarantees represent the Company's commitment to acquire trucks at a guaranteed value if the customer decides to return the truck at a specified date in the future.

IMPACT OF ENVIRONMENTAL MATTERS:

The Company, its competitors and industry in general are subject to various domestic and foreign requirements relating to the environment. The Company believes its policies, practices and procedures are designed to prevent unreasonable risk of environmental damage and that its handling, use and disposal of hazardous or toxic substances have been in accordance with environmental laws and regulations in effect at the time such use and disposal occurred.

The Company is involved in various stages of investigations and cleanup actions in different countries related to environmental matters. In certain of these matters, the Company has been designated as a "potentially responsible party" by domestic and foreign environmental agencies. The Company has accrued the estimated costs to investigate and complete cleanup actions where it is probable that the Company will incur such costs in the future. Expenditures related to environmental activities in the years ended December 31, 2019 and 2018 were \$1.3 million and \$1.2 million, respectively. While the timing and amount of the ultimate costs associated with future environmental cleanup cannot be determined, management expects that these matters will not have a significant effect on the Company's consolidated cash flow, liquidity or financial condition.

CRITICAL ACCOUNTING POLICIES:

The Company's significant accounting policies are disclosed in Note A of the consolidated financial statements. In the preparation of the Company's financial statements, in accordance with U.S. generally accepted accounting principles, management uses estimates and makes judgments and assumptions that affect asset and liability values and the amounts reported as income and expense during the periods presented. The following are accounting policies which, in the opinion of management, are particularly sensitive and which, if actual results are different from estimates used by management, may have a material impact on the financial statements.

Operating Leases

Trucks sold pursuant to agreements accounted for as operating leases are disclosed in Note F of the consolidated financial statements. In determining its estimate of the residual value of such vehicles, the Company considers the length of the lease term, the truck model, the expected usage of the truck and anticipated market demand. Operating lease terms generally range from three to five years. The resulting residual values on operating leases generally range between 30% and 70% of the original equipment cost. If the sales price of a truck at the end of the term of the agreement differs from the Company's estimated residual value, a gain or loss will result.

Future market conditions, changes in government regulations and other factors outside the Company's control could impact the ultimate sales price of trucks returned under these contracts. Residual values are reviewed regularly and adjusted if market conditions warrant. A decrease in the estimated equipment residual values would increase annual depreciation expense over the remaining lease term.

During 2019 and 2018, market values on equipment returning upon operating lease maturity were generally lower than the residual values on the equipment, resulting in an increase in depreciation expense of \$109.0 million and \$45.7 million, respectively.

At December 31, 2019, the aggregate residual value of equipment on operating leases in the Financial Services segment and residual value guarantee on trucks accounted for as operating leases in the Truck segment was \$2.36 billion. A 10% decrease in used truck values worldwide, if expected to persist over the remaining maturities of the Company's operating leases, would reduce residual value estimates and result in the Company recording an average of approximately \$67 million of additional depreciation per year.

Allowance for Credit Losses

The allowance for credit losses related to the Company's loans and finance leases is disclosed in Note E of the consolidated financial statements. The Company has developed a systematic methodology for determining the allowance for credit losses for its two portfolio segments, retail and wholesale. The retail segment consists of retail loans and finance leases, net of unearned interest. The wholesale segment consists of truck inventory financing loans to dealers that are collateralized by trucks and other collateral. The wholesale segment generally has less risk than the retail segment. Wholesale receivables generally are shorter in duration than retail receivables, and the Company requires periodic reporting of the wholesale dealer's financial condition, conducts periodic audits of the trucks being financed and in many cases obtains guarantees or other security such as dealership assets. In determining the allowance for credit losses, retail loans and finance leases are evaluated together since they relate to a similar customer base, their contractual terms require regular payment of principal and interest, generally over three to five years, and they are secured by the same type of collateral. The allowance for credit losses consists of both specific and general reserves.

The Company individually evaluates certain finance receivables for impairment. Finance receivables that are evaluated individually for impairment consist of all wholesale accounts and certain large retail accounts with past due balances or otherwise determined to be at a higher risk of loss. A finance receivable is impaired if it is considered probable the Company will be unable to collect all contractual interest and principal payments as scheduled. In addition, all retail loans and leases which have been classified as TDRs and all customer accounts over 90 days past due are considered impaired. Generally, impaired accounts are on non-accrual status. Impaired accounts classified as TDRs which have been performing for 90 consecutive days are placed on accrual status if it is deemed probable that the Company will collect all principal and interest payments.

Impaired receivables are generally considered collateral dependent. Large balance retail and all wholesale impaired receivables are individually evaluated to determine the appropriate reserve for losses. The determination of reserves for large balance impaired receivables considers the fair value of the associated collateral. When the underlying collateral fair value exceeds the Company's recorded investment, no reserve is recorded. Small balance impaired receivables with similar risk characteristics are evaluated as a separate pool to determine the appropriate reserve for losses using the historical loss information discussed below.

The Company evaluates finance receivables that are not individually impaired on a collective basis and determines the general allowance for credit losses for both retail and wholesale receivables based on historical loss information, using past due account data and current market conditions. Information used includes assumptions regarding the likelihood of collecting current and past due accounts, repossession rates, the recovery rate on the underlying collateral based on used truck values and other pledged collateral or recourse. The Company has developed a range of loss estimates for each of its country portfolios based on historical experience, taking into account loss frequency and severity in both strong and weak truck market conditions. A projection is made of the range of estimated credit losses inherent in the portfolio from which an amount is determined as probable based on current market conditions and other factors impacting the creditworthiness of the Company's borrowers and their ability to repay. After determining the appropriate level of the allowance for credit losses, a provision for losses on finance receivables is charged to income as necessary to reflect management's estimate of incurred credit losses, net of recoveries, inherent in the portfolio.

The adequacy of the allowance is evaluated quarterly based on the most recent past due account information and current market conditions. As accounts become past due, the likelihood that they will not be fully collected increases. The Company's experience indicates the probability of not fully collecting past due accounts ranges between 30% and 70%. Over the past three years, the Company's year-end 30+ days past due accounts have ranged between .4% and .7% of loan and lease receivables. Historically, a 100 basis point increase in the 30+ days past due percentage has resulted in an increase in credit losses of 2 to 35 basis points of receivables. At December 31, 2019, 30+ days past dues were .7%. If past dues were 100 basis points higher or 1.7% as of December 31, 2019, the Company's estimate of credit losses would likely have increased by a range of \$2 to \$32 million depending on the extent of the past dues, the estimated value of the collateral as compared to amounts owed and general economic factors.

Product Warranty

Product warranty is disclosed in Note I of the consolidated financial statements. The expenses related to product warranty are estimated and recorded at the time products are sold based on historical and current data and reasonable expectations for the future regarding the frequency and cost of warranty claims, net of recoveries. Management takes actions to minimize warranty costs through quality-improvement programs; however, actual claim costs incurred could materially differ from the estimated amounts and require adjustments to the reserve. Historically those adjustments have not been material. Over the past two years, warranty expense as a percentage of Truck, Parts and Other net sales and revenues has ranged between 1.6% and 1.7%. If the 2019 warranty expense had been .2% higher as a percentage of net sales and revenues in 2019, warranty expense would have increased by approximately \$48 million.

FORWARD-LOOKING STATEMENTS:

This report contains "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements include statements relating to future results of operations or financial position and any other statement that does not relate to any historical or current fact. Such statements are based on currently available operating, financial and other information and are subject to risks and uncertainties that may affect actual results. Risks and uncertainties include, but are not limited to: a significant decline in industry sales; competitive pressures; reduced market share; reduced availability of or higher prices for fuel; increased safety, emissions, or other regulations or tariffs resulting in higher costs and/or sales restrictions; currency or commodity price fluctuations; lower used truck prices; insufficient or under-utilization of manufacturing capacity; supplier interruptions; insufficient liquidity in the capital markets; fluctuations in interest rates; changes in the levels of the Financial Services segment new business volume due to unit fluctuations in new PACCAR truck sales or reduced market shares; changes affecting the profitability of truck owners and operators; price changes impacting truck sales prices and residual values; insufficient supplier capacity or access to raw materials; labor disruptions; shortages of commercial truck drivers; increased warranty costs; litigation, including EC settlement-related claims; or legislative and governmental regulations. A more detailed description of these and other risks is included under the heading Part 1, Item 1A, "Risk Factors" and Item 3, "Legal Proceedings" in the Company's Annual Report on Form 10-K for the year ended December 31, 2019.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

Currencies are presented in millions for the market risks and derivative instruments sections below.

Interest-Rate Risks - See Note P for a description of the Company's hedging programs and exposure to interest rate fluctuations.

The Company measures its interest-rate risk by estimating the amount by which the fair value of interest-rate sensitive assets and liabilities, including derivative financial instruments, would change assuming an immediate 100 basis point increase across the yield curve as shown in the following table:

Fair Value (Losses) Gains	2019	2018
CONSOLIDATED:		
<i>Assets</i>		
Cash equivalents and marketable debt securities	\$ (19.5)	\$ (15.9)
FINANCIAL SERVICES:		
<i>Assets</i>		
Fixed rate loans	(94.4)	(79.2)
<i>Liabilities</i>		
Fixed rate term debt	113.3	95.7
Interest-rate swaps	13.9	16.3
Total	<u>\$ 13.3</u>	<u>\$ 16.9</u>

Currency Risks - The Company enters into foreign currency exchange contracts to hedge its exposure to exchange rate fluctuations of foreign currencies, particularly the Canadian dollar, the euro, the British pound, the Australian dollar, the Brazilian real and the Mexican peso (see Note P for additional information concerning these hedges). Based on the Company's sensitivity analysis, the potential loss in fair value for such financial instruments from a 10% unfavorable change in quoted foreign currency exchange rates would be a loss of \$128.0 related to contracts outstanding at December 31, 2019, compared to a loss of \$101.2 at December 31, 2018. These amounts would be largely offset by changes in the values of the underlying hedged exposures.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA.

CONSOLIDATED STATEMENTS OF INCOME

<i>Year Ended December 31,</i>	<u>2019</u>	<u>2018</u>	<u>2017</u>
	<i>(millions, except per share data)</i>		
TRUCK, PARTS AND OTHER:			
Net sales and revenues	\$ 24,119.7	\$ 22,138.6	\$ 18,187.5
Cost of sales and revenues	20,555.6	18,925.0	15,628.9
Research and development	326.6	306.1	264.7
Selling, general and administrative	561.5	524.9	464.0
Interest and other (income), net	(42.0)	(60.8)	(46.4)
	<u>21,401.7</u>	<u>19,695.2</u>	<u>16,311.2</u>
<i>Truck, Parts and Other Income Before Income Taxes</i>	2,718.0	2,443.4	1,876.3
FINANCIAL SERVICES:			
Interest and fees	583.0	497.7	431.1
Operating lease, rental and other revenues	897.0	859.4	837.8
Revenues	<u>1,480.0</u>	<u>1,357.1</u>	<u>1,268.9</u>
Interest and other borrowing expenses	230.5	186.9	149.6
Depreciation and other expenses	798.2	728.0	727.5
Selling, general and administrative	137.0	119.8	107.8
Provision for losses on receivables	15.4	16.5	22.3
	<u>1,181.1</u>	<u>1,051.2</u>	<u>1,007.2</u>
<i>Financial Services Income Before Income Taxes</i>	298.9	305.9	261.7
Investment income	82.3	60.9	35.3
<i>Total Income Before Income Taxes</i>	3,099.2	2,810.2	2,173.3
Income taxes	711.3	615.1	498.1
<i>Net Income</i>	<u>\$ 2,387.9</u>	<u>\$ 2,195.1</u>	<u>\$ 1,675.2</u>
Net Income Per Share			
Basic	<u>\$ 6.88</u>	<u>\$ 6.25</u>	<u>\$ 4.76</u>
Diluted	<u>\$ 6.87</u>	<u>\$ 6.24</u>	<u>\$ 4.75</u>
Weighted Average Number of Common Shares Outstanding			
Basic	<u>346.9</u>	<u>351.0</u>	<u>351.9</u>
Diluted	<u>347.5</u>	<u>351.8</u>	<u>352.9</u>

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

<i>Year Ended December 31,</i>	<u>2019</u>	<u>2018</u>	<u>2017</u>
		<i>(millions)</i>	
Net income	\$ 2,387.9	\$ 2,195.1	\$ 1,675.2
Other comprehensive income:			
Unrealized (losses) gains on derivative contracts			
Net (loss) gain arising during the period	(76.1)	121.6	(125.5)
Tax effect	19.1	(30.7)	33.9
Reclassification adjustment	51.7	(121.5)	133.4
Tax effect	(12.0)	31.0	(36.3)
	<u>(17.3)</u>	<u>.4</u>	<u>5.5</u>
Unrealized gains (losses) on marketable debt securities			
Net holding gain (loss)	11.6	.2	(1.5)
Tax effect	(2.9)	(.1)	.4
Reclassification adjustment	(.4)	(.2)	(.6)
Tax effect	.1	.1	.2
	<u>8.4</u>		<u>(1.5)</u>
Pension plans			
Net (loss) gain arising during the period	(74.8)	(114.0)	37.1
Tax effect	18.0	27.2	(16.7)
Reclassification adjustment	21.9	36.7	26.6
Tax effect	(5.0)	(8.7)	(8.5)
	<u>(39.9)</u>	<u>(58.8)</u>	<u>38.5</u>
Foreign currency translation gain (loss)	47.2	(213.3)	292.0
Net other comprehensive (loss) income	(1.6)	(271.7)	334.5
<i>Comprehensive Income</i>	<u>\$ 2,386.3</u>	<u>\$ 1,923.4</u>	<u>\$ 2,009.7</u>

See notes to consolidated financial statements.

CONSOLIDATED BALANCE SHEETS

<i>December 31,</i>	<u>2019</u>	<u>2018</u>
	<i>(millions)</i>	
ASSETS		
TRUCK, PARTS AND OTHER:		
<i>Current Assets</i>		
Cash and cash equivalents	\$ 4,007.3	\$ 3,279.2
Trade and other receivables, net	1,306.1	1,314.4
Marketable debt securities	1,162.1	1,020.4
Inventories, net	1,153.2	1,184.7
Other current assets	388.0	364.7
<i>Total Truck, Parts and Other Current Assets</i>	<u>8,016.7</u>	<u>7,163.4</u>
Equipment on operating leases, net	545.5	786.6
Property, plant and equipment, net	2,883.8	2,480.9
Other noncurrent assets, net	843.7	651.9
<i>Total Truck, Parts and Other Assets</i>	<u>12,289.7</u>	<u>11,082.8</u>
FINANCIAL SERVICES:		
Cash and cash equivalents	167.8	156.7
Finance and other receivables, net	12,086.0	10,840.8
Equipment on operating leases, net	3,102.6	2,855.0
Other assets	715.0	547.1
<i>Total Financial Services Assets</i>	<u>16,071.4</u>	<u>14,399.6</u>
	<u>\$ 28,361.1</u>	<u>\$ 25,482.4</u>

CONSOLIDATED BALANCE SHEETS

December 31.

	2019	2018
	<i>(millions)</i>	
LIABILITIES AND STOCKHOLDERS' EQUITY		
TRUCK, PARTS AND OTHER:		
<i>Current Liabilities</i>		
Accounts payable, accrued expenses and other	\$ 3,194.2	\$ 3,027.7
Dividend payable	796.5	695.1
<i>Total Truck, Parts and Other Current Liabilities</i>	3,990.7	3,722.8
Residual value guarantees and deferred revenues	587.3	842.4
Other liabilities	1,435.1	1,145.7
<i>Total Truck, Parts and Other Liabilities</i>	6,013.1	5,710.9
FINANCIAL SERVICES:		
Accounts payable, accrued expenses and other	629.0	523.2
Commercial paper and bank loans	4,110.2	3,540.8
Term notes	7,112.5	6,409.7
Deferred taxes and other liabilities	790.2	704.9
<i>Total Financial Services Liabilities</i>	12,641.9	11,178.6
STOCKHOLDERS' EQUITY:		
Preferred stock, no par value - authorized 1.0 million shares, none issued		
Common stock, \$1 par value - authorized 1.2 billion shares; issued 346.3 million and 346.6 million shares	346.3	346.6
Additional paid-in capital	61.4	69.4
Retained earnings	10,398.5	9,275.4
Accumulated other comprehensive loss	(1,100.1)	(1,098.5)
<i>Total Stockholders' Equity</i>	\$ 28,361.1	\$ 25,482.4

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF CASH FLOWS

<i>Year Ended December 31,</i>	<u>2019</u>	<u>2018</u>	<u>2017</u>
		<i>(millions)</i>	
OPERATING ACTIVITIES:			
<i>Net Income</i>	\$ 2,387.9	\$ 2,195.1	\$ 1,675.2
<i>Adjustments to reconcile net income to cash provided by operations:</i>			
Depreciation and amortization:			
Property, plant and equipment	322.2	337.6	321.4
Equipment on operating leases and other	755.1	716.5	786.1
Provision for losses on financial services receivables	15.4	16.5	22.3
Deferred taxes	70.8	17.5	(173.9)
Other, net	26.6	35.1	43.6
Pension contributions	(35.7)	(88.9)	(70.6)
<i>Change in operating assets and liabilities:</i>			
(Increase) decrease in assets other than cash and cash equivalents:			
Receivables:			
Trade and other receivables	(72.3)	(299.1)	(193.7)
Wholesale receivables on new trucks	(520.2)	(512.3)	(272.0)
Inventories	24.6	(332.7)	(149.9)
Other assets, net	(365.4)	(187.0)	189.8
(Decrease) increase in liabilities:			
Accounts payable and accrued expenses	(27.6)	528.9	333.6
Residual value guarantees and deferred revenues	(179.7)	275.0	166.3
Other liabilities, net	458.6	290.1	37.6
<i>Net Cash Provided by Operating Activities</i>	<u>2,860.3</u>	<u>2,992.3</u>	<u>2,715.8</u>
INVESTING ACTIVITIES:			
Originations of retail loans and finance leases	(4,081.8)	(3,858.9)	(3,116.8)
Collections on retail loans and finance leases	3,388.8	2,914.0	2,713.7
Net (increase) decrease in wholesale receivables on used equipment	(47.7)	(9)	5.2
Purchases of marketable debt securities	(850.6)	(615.9)	(970.3)
Proceeds from sales and maturities of marketable debt securities	715.5	931.5	779.5
Payments for property, plant and equipment	(574.0)	(457.6)	(423.4)
Acquisitions of equipment for operating leases	(1,396.8)	(1,494.7)	(1,423.2)
Proceeds from asset disposals	638.1	653.7	470.7
Other, net	1.1	(1.9)	
<i>Net Cash Used in Investing Activities</i>	<u>(2,207.4)</u>	<u>(1,930.7)</u>	<u>(1,964.6)</u>
FINANCING ACTIVITIES:			
Payments of cash dividends	(1,138.6)	(804.3)	(558.3)
Purchases of treasury stock	(110.2)	(354.4)	
Proceeds from stock compensation transactions	60.8	19.3	39.3
Net increase in commercial paper and short-term bank loans and other	557.1	625.9	352.1
Proceeds from term debt	2,504.3	2,339.9	1,670.2
Payments on term debt	(1,790.0)	(1,755.3)	(1,897.1)
<i>Net Cash Provided by (Used in) Financing Activities</i>	<u>83.4</u>	<u>71.1</u>	<u>(393.8)</u>
Effect of exchange rate changes on cash	2.9	(61.5)	91.6
<i>Net Increase in Cash and Cash Equivalents</i>	<u>739.2</u>	<u>1,071.2</u>	<u>449.0</u>
Cash and cash equivalents at beginning of year	3,435.9	2,364.7	1,915.7
Cash and cash equivalents at end of year	<u>\$ 4,175.1</u>	<u>\$ 3,435.9</u>	<u>\$ 2,364.7</u>

See notes to consolidated financial statements.

CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY

December 31.

	2019	2018	2017
	<i>(millions, except per share data)</i>		
COMMON STOCK, \$1 PAR VALUE:			
Balance at beginning of year	\$ 346.6	\$ 351.8	\$ 350.7
Treasury stock retirement	(1.7)	(5.8)	
Stock compensation	1.4	.6	1.1
Balance at end of year	346.3	346.6	351.8
ADDITIONAL PAID-IN CAPITAL:			
Balance at beginning of year	69.4	123.2	70.1
Treasury stock retirement	(85.7)	(88.3)	
Stock compensation and tax benefit	77.7	34.5	53.1
Balance at end of year	61.4	69.4	123.2
TREASURY STOCK, AT COST:			
Balance at beginning of year			
Purchases, shares: 2019 – 1.68; 2018 - 5.85; 2017 - nil	(110.2)	(354.4)	
Retirements	110.2	354.4	
Balance at end of year			
RETAINED EARNINGS:			
Balance at beginning of year	9,275.4	8,369.1	7,484.9
Net income	2,387.9	2,195.1	1,675.2
Cash dividends declared on common stock, per share: 2019 - \$3.58; 2018 - \$3.09; 2017 - \$2.19	(1,242.0)	(1,078.8)	(771.1)
Treasury stock retirement	(22.8)	(260.3)	
Cumulative effect of change in accounting principles		50.3	(19.9)
Balance at end of year	10,398.5	9,275.4	8,369.1
ACCUMULATED OTHER COMPREHENSIVE LOSS:			
Balance at beginning of year	(1,098.5)	(793.6)	(1,128.1)
Other comprehensive (loss) income	(1.6)	(271.7)	334.5
Reclassifications to retained earnings in accordance with ASU 2018-02		(33.2)	
Balance at end of year	(1,100.1)	(1,098.5)	(793.6)
<i>Total Stockholders' Equity</i>	\$ 9,706.1	\$ 8,592.9	\$ 8,050.5

See notes to consolidated financial statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions)

A. SIGNIFICANT ACCOUNTING POLICIES

Description of Operations: PACCAR Inc (the Company or PACCAR) is a multinational company operating in three principal segments: (1) the Truck segment includes the design and manufacture of high-quality, light-, medium- and heavy-duty commercial trucks; (2) the Parts segment includes the distribution of aftermarket parts for trucks and related commercial vehicles; and (3) the Financial Services segment (PFS) includes finance and leasing products and services provided to customers and dealers. PACCAR's finance and leasing activities are principally related to PACCAR products and associated equipment. PACCAR's sales and revenues are derived primarily from North America and Europe. The Company also operates in Australia and Brasil and sells trucks and parts to customers in Asia, Africa, the Middle East and South America.

Principles of Consolidation: The consolidated financial statements include the accounts of the Company and its wholly owned domestic and foreign subsidiaries. All significant intercompany accounts and transactions are eliminated in consolidation.

Use of Estimates: The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Revenue Recognition:

Truck, Parts and Other: The Company enters into sales contracts with customers associated with purchases of the Company's products and services including trucks, parts, product support, and other related services. Generally, the Company recognizes revenue for the amount of consideration it will receive for delivering a product or service to a customer. Revenue is recognized when the customer obtains control of the product or receives benefits of the service. The Company excludes sales taxes, value added taxes and other related taxes assessed by government agencies from revenue. There are no significant financing components included in product or services revenue since generally customers pay shortly after the products or services are transferred. In the Truck and Parts segment, when the Company grants extended payment terms on selected receivables and charges interest, interest income is recognized when earned.

The Company recognizes truck and parts sales as revenue when control of the products is transferred to customers which generally occurs upon shipment, except for certain truck sales which are subject to a residual value guarantee (RVG) by the Company. The standard payment term for trucks and aftermarket parts is typically within 30 days, but the Company may grant extended payment terms on selected receivables. The Company recognizes revenue for the invoice amount adjusted for estimated sales incentives and returns. Sales incentives and returns are estimated based on historical experience and are adjusted to current period revenue when the most likely amount of consideration the Company expects to receive changes or becomes fixed. Truck and part sales include a standard product warranty which is included in cost of sales. The Company has elected to treat delivery services as a fulfillment activity with revenues recognized when the customer obtains control of the product. Delivery revenue is included in revenues and the related costs are included in cost of sales. As a practical expedient, the Company is not disclosing truck order backlog, as a significant majority of the backlog has a duration of less than one year.

Truck sales with RVGs that allow customers the option to return their truck are accounted for as a sale when the customer does not have an economic incentive to return the truck to the Company, or as an operating lease when the customer does have an economic incentive to return the truck. The estimate of customers' economic incentive to return the trucks is based on an analysis of historical guaranteed buyback value and estimated market value. When truck sales with RVGs are accounted for as a sale, revenue is recognized when the truck is transferred to the customer less an amount for expected returns. Expected return rates are estimated by using a historical weighted average return rate over a five-year period. The estimated value of the truck assets to be returned and the related return liabilities at December 31, 2019 were \$473.0 and \$503.4, respectively, compared to \$319.8 and \$329.3 at December 31, 2018, respectively. The Company's total commitment to acquire trucks at a guaranteed value for contracts accounted for as a sale was \$894.5 at December 31, 2019.

Revenues from extended warranties, operating leases and other include optional extended warranty and repair and maintenance (R&M) service contracts which can be purchased for periods generally ranging up to five years. The Company defers revenue based on stand-alone observable selling prices when it receives payments in advance and generally recognizes the revenue on a straight-line basis over the warranty or R&M contract periods. See Note I, Product Support Liabilities, in the Notes to the Consolidated Financial Statements for further information. Also included are truck sales with an RVG accounted for as an operating lease. A liability is created for the residual value obligation with the remainder of the proceeds recorded as deferred revenue. The deferred revenue is recognized on a straight-line basis over the guarantee period, which typically ranges from three to five years. Total operating lease income from truck sales with RVGs for the years ended December 31, 2019 and 2018 was \$159.7 and \$152.6, respectively.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions)

Aftermarket parts sales allow for returns which are estimated at the time of sale based on historical data. At December 31, 2019, the estimated value of the returned goods asset and the related return liability were \$56.3 and \$126.3, respectively, compared to \$49.0 and \$104.5 at December 31, 2018, respectively. Parts dealer services and other revenues are recognized as services are performed.

Revenue from winch sales and other is primarily derived from the industrial winch business. Winch sales are recognized when the product is transferred to a customer, which generally occurs upon shipment. Also within this category are other revenues not attributable to a reportable segment.

Financial Services: The Company's Financial Services segment products include loans to customers collateralized by the vehicles being financed, finance leases to lease equipment to retail customers and dealers, dealer wholesale financing which includes floating-rate wholesale loans to PACCAR dealers for new and used trucks, and operating leases which include rentals on Company owned equipment. Interest income from finance and other receivables is recognized using the interest method. Certain loan origination costs are deferred and amortized to interest income over the expected life of the contracts using the straight-line method which approximates the interest method.

Operating lease rental revenue is recognized on a straight-line basis over the term of the lease. Customer contracts may include additional services such as excess mileage, repair and maintenance and other services on which revenue is recognized when earned. The Company's full-service lease arrangements bundle these additional services. Rents for full-service lease contracts are allocated between lease and non-lease components based on the relative stand-alone price of each component. Taxes, such as sales and use and value added, which are collected by the Company from a customer, are excluded from the measurement of lease income and expenses. Rental revenues for the years ended December 31, 2019, 2018 and 2017 were \$798.2, \$797.1 and \$760.9, respectively. Depreciation and related leased unit operating expenses were \$721.6, \$686.9 and \$665.7 for the years ended December 31, 2019, 2018 and 2017, respectively.

Recognition of interest income and rental revenue is suspended (put on non-accrual status) when the receivable becomes more than 90 days past the contractual due date or earlier if some other event causes the Company to determine that collection is not probable. Accordingly, no finance receivables more than 90 days past due were accruing interest at December 31, 2019 or December 31, 2018. Recognition is resumed if the receivable becomes current by the payment of all amounts due under the terms of the existing contract and collection of remaining amounts is considered probable (if not contractually modified) or if the customer makes scheduled payments for three months and collection of remaining amounts is considered probable (if contractually modified). Payments received while the finance receivable is on non-accrual status are applied to interest and principal in accordance with the contractual terms.

Finance leases are secured by the trucks and related equipment being leased and the lease terms generally range from three to five years depending on the type and use of the equipment. The lessee is required to either purchase the equipment or guarantee to the Company a stated residual value upon the disposition of the equipment at the end of the finance lease term.

Operating lease terms generally range from three to five years. At the end of the operating lease term, the lessee has the option to return the equipment to the Company or purchase the equipment at its fair market value.

The Company determines its estimate of the residual value of leased vehicles by considering the length of the lease term, the truck model, the expected usage of the truck and anticipated market demand. If the sales price of the truck at the end of the agreement differs from the Company's estimated residual value, a gain or loss will result. Future market conditions, changes in government regulations and other factors outside the Company's control could impact the ultimate sales price of trucks returned under these contracts. Residual values are reviewed regularly and adjusted if market conditions warrant.

Cash and Cash Equivalents: Cash equivalents consist of liquid investments with a maturity at date of purchase of 90 days or less.

Marketable Debt Securities: The Company's investments in marketable debt securities are classified as available-for-sale. These investments are stated at fair value with any unrealized gains or losses, net of tax, included as a component of accumulated other comprehensive income (loss) (AOCI).

The Company utilizes third-party pricing services for all of its marketable debt security valuations. The Company reviews the pricing methodology used by the third-party pricing services, including the manner employed to collect market information. On a quarterly basis, the Company also performs review and validation procedures on the pricing information received from the third-party providers. These procedures help ensure that the fair value information used by the Company is determined in accordance with applicable accounting guidance.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions)

The Company evaluates its investment in marketable debt securities at the end of each reporting period to determine if a decline in fair value is other-than-temporary. Realized losses are recognized upon management's determination that a decline in fair value is other-than-temporary. The determination of other-than-temporary impairment is a subjective process, requiring the use of judgments and assumptions regarding the amount and timing of recovery. The Company reviews and evaluates its investments at least quarterly to identify investments that have indications of other-than-temporary impairments. It is reasonably possible that a change in estimate could occur in the near term relating to other-than-temporary impairment. Accordingly, the Company considers several factors when evaluating debt securities for other-than-temporary impairment, including whether the decline in fair value of the security is due to increased default risk for the specific issuer or market interest rate risk.

In assessing default risk, the Company considers the collectability of principal and interest payments by monitoring changes to issuers' credit ratings, specific credit events associated with individual issuers as well as the credit ratings of any financial guarantor, and the extent and duration to which amortized cost exceeds fair value.

In assessing market interest rate risk, including benchmark interest rates and credit spreads, the Company considers its intent for selling the securities and whether it is more likely than not the Company will be able to hold these securities until the recovery of any unrealized losses.

Receivables:

Trade and Other Receivables: The Company's trade and other receivables are recorded at cost, net of allowances. At December 31, 2019 and 2018, respectively, trade and other receivables included trade receivables from dealers and customers of \$1,055.0 and \$1,103.6 and other receivables of \$251.1 and \$210.8 relating primarily to value added tax receivables and supplier allowances and rebates.

Finance and Other Receivables:

Loans – Loans represent fixed or floating-rate loans to customers collateralized by the vehicles purchased and are recorded at amortized cost.

Finance leases – Finance leases are sales-type finance leases, which lease equipment to retail customers and dealers. These leases are reported as the sum of minimum lease payments receivable and estimated residual value of the property subject to the contracts, reduced by unearned interest.

Dealer wholesale financing – Dealer wholesale financing is floating-rate wholesale loans to PACCAR dealers for new and used trucks and are recorded at amortized cost. The loans are collateralized by the trucks being financed.

Operating lease receivables and other – Operating lease receivables and other include monthly rentals due on operating leases, unamortized loan and lease origination costs, interest on loans and other amounts due within one year in the normal course of business.

Allowance for Credit Losses:

Truck, Parts and Other: The Company historically has not experienced significant losses or past due amounts on trade and other receivables in its Truck, Parts and Other businesses. Accounts are considered past due once the unpaid balance is over 30 days outstanding based on contractual payment terms. Accounts are charged-off against the allowance for credit losses when, in the judgment of management, they are considered uncollectible. The allowance for credit losses for Truck, Parts and Other was \$1.0 for the years ended December 31, 2019 and 2018. Net charge-offs were \$.3, \$.1 and \$.1 for the years ended December 31, 2019, 2018 and 2017, respectively.

Financial Services: The Company continuously monitors the payment performance of its finance receivables. For large retail finance customers and dealers with wholesale financing, the Company regularly reviews their financial statements and makes site visits and phone contact as appropriate. If the Company becomes aware of circumstances that could cause those customers or dealers to face financial difficulty, whether or not they are past due, the customers are placed on a watch list.

The Company modifies loans and finance leases in the normal course of its Financial Services operations. The Company may modify loans and finance leases for commercial reasons or for credit reasons. Modifications for commercial reasons are changes to contract

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terms for customers that are not considered to be in financial difficulty. Insignificant delays are modifications extending terms up to three months for customers experiencing some short-term financial stress, but not considered to be in financial difficulty. Modifications for credit reasons are changes to contract terms for customers considered to be in financial difficulty. The Company's modifications typically result in granting more time to pay the contractual amounts owed and charging a fee and interest for the term of the modification.

When considering whether to modify customer accounts for credit reasons, the Company evaluates the creditworthiness of the customers and modifies those accounts that the Company considers likely to perform under the modified terms. When the Company modifies a loan or finance lease for credit reasons and grants a concession, the modification is classified as a troubled debt restructuring (TDR). The Company does not typically grant credit modifications for customers that do not meet minimum underwriting standards since the Company normally repossesses the financed equipment in these circumstances. When such modifications do occur, they are considered TDRs.

On average, modifications extended contractual terms by approximately five months in 2019 and six months in 2018 and did not have a significant effect on the weighted average term or interest rate of the total portfolio at December 31, 2019 and 2018.

The Company has developed a systematic methodology for determining the allowance for credit losses for its two portfolio segments, retail and wholesale. The retail segment consists of retail loans and sales-type finance leases, net of unearned interest. The wholesale segment consists of truck inventory financing loans to dealers that are collateralized by trucks and other collateral. The wholesale segment generally has less risk than the retail segment. Wholesale receivables generally are shorter in duration than retail receivables, and the Company requires periodic reporting of the wholesale dealer's financial condition, conducts periodic audits of the trucks being financed and in many cases, obtains guarantees or other security such as dealership assets. In determining the allowance for credit losses, retail loans and finance leases are evaluated together since they relate to a similar customer base, their contractual terms require regular payment of principal and interest, generally over three to five years, and they are secured by the same type of collateral. The allowance for credit losses consists of both specific and general reserves.

The Company individually evaluates certain finance receivables for impairment. Finance receivables that are evaluated individually for impairment consist of all wholesale accounts and certain large retail accounts with past due balances or otherwise determined to be at a higher risk of loss. A finance receivable is impaired if it is considered probable the Company will be unable to collect all contractual interest and principal payments as scheduled. In addition, all retail loans and leases which have been classified as TDRs and all customer accounts over 90 days past due are considered impaired. Generally, impaired accounts are on non-accrual status. Impaired accounts classified as TDRs which have been performing for 90 consecutive days are placed on accrual status if it is deemed probable that the Company will collect all principal and interest payments.

Impaired receivables are generally considered collateral dependent. Large balance retail and all wholesale impaired receivables are individually evaluated to determine the appropriate reserve for losses. The determination of reserves for large balance impaired receivables considers the fair value of the associated collateral. When the underlying collateral fair value exceeds the Company's recorded investment, no reserve is recorded. Small balance impaired receivables with similar risk characteristics are evaluated as a separate pool to determine the appropriate reserve for losses using the historical loss information discussed below.

The Company evaluates finance receivables that are not individually impaired on a collective basis and determines the general allowance for credit losses for both retail and wholesale receivables based on historical loss information, using past due account data and current market conditions. Information used includes assumptions regarding the likelihood of collecting current and past due accounts, repossession rates, the recovery rate on the underlying collateral based on used truck values and other pledged collateral or recourse. The Company has developed a range of loss estimates for each of its country portfolios based on historical experience, taking into account loss frequency and severity in both strong and weak truck market conditions. A projection is made of the range of estimated credit losses inherent in the portfolio from which an amount is determined as probable based on current market conditions and other factors impacting the creditworthiness of the Company's borrowers and their ability to repay. After determining the appropriate level of the allowance for credit losses, a provision for losses on finance receivables is charged to income as necessary to reflect management's estimate of incurred credit losses, net of recoveries, inherent in the portfolio.

In determining the fair value of the collateral, the Company uses a pricing matrix and categorizes the fair value as Level 2 in the hierarchy of fair value measurement. The pricing matrix is reviewed quarterly and updated as appropriate. The pricing matrix considers the make, model and year of the equipment as well as recent sales prices of comparable equipment sold individually, which is the lowest unit of account, through wholesale channels to the Company's dealers (principal market). The fair value of the collateral also considers the overall condition of the equipment.

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Accounts are charged-off against the allowance for credit losses when, in the judgment of management, they are considered uncollectible, which generally occurs upon repossession of the collateral. Typically the timing between the repossession and charge-off is not significant. In cases where repossession is delayed (e.g., for legal proceedings), the Company records a partial charge-off. The charge-off is determined by comparing the fair value of the collateral, less cost to sell, to the recorded investment.

Inventories: Inventories are stated at the lower of cost or market. Cost of inventories in the U.S. is determined principally by the last-in, first-out (LIFO) method. Cost of all other inventories is determined principally by the first-in, first-out (FIFO) method. Cost of sales and revenues include shipping and handling costs incurred to deliver products to dealers and customers.

Equipment on Operating Leases: The Company's Financial Services segment leases equipment under operating leases to its customers. In addition, in the Truck segment, equipment sold to customers in Europe subject to an RVG by the Company may be accounted for as an operating lease. Equipment is recorded at cost and is depreciated on the straight-line basis to the lower of the estimated residual value or guarantee value. Lease and guarantee periods generally range from three to five years. Estimated useful lives of the equipment range from three to ten years. The Company reviews residual values of equipment on operating leases periodically to determine that recorded amounts are appropriate.

Property, Plant and Equipment: Property, plant and equipment are stated at cost. Depreciation is computed principally by the straight-line method based on the estimated useful lives of the various classes of assets. Certain production tooling is amortized on a unit of production basis.

Long-lived Assets and Goodwill: The Company evaluates the carrying value of property, plant and equipment when events and circumstances warrant a review. Goodwill is tested for impairment at least on an annual basis. There were no significant impairment charges for the three years ended December 31, 2019. Goodwill was \$109.1 and \$112.0 at December 31, 2019 and 2018, respectively. The decrease in value was mostly due to currency translation.

Product Support Liabilities: Product support liabilities include estimated future payments related to product warranties and deferred revenues on optional extended warranties and R&M contracts. The Company generally offers one year warranties covering most of its vehicles and related aftermarket parts. For vehicles equipped with engines manufactured by PACCAR, the Company generally offers two year warranties on the engine. Specific terms and conditions vary depending on the product and the country of sale. Optional extended warranty and R&M contracts can be purchased for periods which generally range up to five years. Warranty expenses and reserves are estimated and recorded at the time products or contracts are sold based on historical and current data and reasonable expectations for the future regarding the frequency and cost of warranty claims, net of any recoveries. The Company periodically assesses the adequacy of its recorded liabilities and adjusts them as appropriate to reflect actual experience. Revenue from extended warranty and R&M contracts is deferred and recognized to income generally on a straight-line basis over the contract period. Warranty and R&M costs on these contracts are recognized as incurred.

Derivative Financial Instruments: As part of its risk management strategy, the Company enters into derivative contracts to hedge against interest rate and foreign currency risk. Certain derivative instruments designated as fair value hedges, cash flow hedges or net investment hedges are subject to hedge accounting. Derivative instruments that are not subject to hedge accounting are held as derivatives not designated as hedged instruments. The Company's policies prohibit the use of derivatives for speculation or trading. At the inception of each hedge relationship, the Company documents its risk management objectives, procedures and accounting treatment. All of the Company's interest-rate and certain foreign-exchange contracts are transacted under International Swaps and Derivatives Association (ISDA) master agreements. Each agreement permits the net settlement of amounts owed in the event of default and certain other termination events. For derivative financial instruments, the Company has elected not to offset derivative positions in the balance sheet with the same counterparty under the same agreements and is not required to post or receive collateral.

Exposure limits and minimum credit ratings are used to minimize the risks of counterparty default. The Company's maximum exposure to potential default of its derivative counterparties is limited to the asset position of its derivative portfolio. The asset position of the Company's derivative portfolio was \$56.3 at December 31, 2019.

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The Company uses regression analysis to assess effectiveness of interest-rate contracts and net investment hedges at inception and uses quantitative analysis to assess subsequent effectiveness on a quarterly basis. For foreign-exchange contracts, the Company performs quarterly assessments to ensure that critical terms continue to match. All components of the derivative instrument's gain or loss are included in the assessment of hedge effectiveness. Hedge accounting is discontinued prospectively when the Company determines that a derivative financial instrument has ceased to be a highly effective hedge. Cash flows from derivative instruments are included in operating activities in the Consolidated Statements of Cash Flows.

Foreign Currency Translation: For most of the Company's foreign subsidiaries, the local currency is the functional currency. All assets and liabilities are translated at year-end exchange rates and all income statement amounts are translated at the weighted average rates for the period. Translation adjustments are recorded in AOCI. The Company uses the U.S. dollar as the functional currency for all but one of its Mexican subsidiaries, which uses the local currency. For the U.S. functional currency entities in Mexico, inventories, cost of sales, property, plant and equipment and depreciation are remeasured at historical rates and resulting adjustments are included in net income.

Earnings per Share: Basic earnings per common share are computed by dividing earnings by the weighted average number of common shares outstanding, plus the effect of any participating securities. Diluted earnings per common share are computed assuming that all potentially dilutive securities are converted into common shares under the treasury stock method.

Reclassifications: Due to the adoption of the new lease accounting standard, the Company reclassified certain prior period balances to conform to the 2019 presentation. Operating cash flows from sales-type finance leases and dealer direct loans on new trucks for the years ended December 31, 2018 and 2017 were reclassified to Other assets, net (increase of \$30.1 million for 2018 and \$58.4 million for 2017) and Trade and other receivables (decrease of \$57.1 million for 2018 and increase of \$13.5 million for 2017), respectively, within cash provided by operating activities in the Consolidated Statements of Cash Flows. The Company changed its presentation of Finance leases as of December 31, 2018 in Note E from gross to net of unearned interest for comparability with the current period. As of December 31, 2018, unearned interest on finance leases was \$387.5 million.

New Accounting Pronouncements

New Lease Standard

In February 2016, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2016-02, *Leases (Topic 842)*, including subsequently issued ASUs to clarify the implementation guidance in ASU 2016-02. Under the new lease standard, lessees recognize a right-of-use asset and a lease liability for virtually all leases (other than short-term leases). Lessor accounting is largely unchanged, except for a reduction in the capitalization of certain initial direct costs and the classification of certain cash flows. This ASU may be applied retrospectively in each reporting period presented or modified retrospectively with the cumulative effect adjustment to the opening balance of retained earnings. The Company adopted this ASU on January 1, 2019 on a modified retrospective basis, with no effect on Retained earnings.

The Company elected the package of practical expedients for its leases existing prior to the adoption of this ASU that will retain prior conclusions about lease identification, lease classification and initial direct costs under the new standard. For lessee accounting, the Company elected the short-term lease exemption to not recognize right-of-use assets and lease liabilities for any leases with a duration of twelve months or less. For lessor accounting, the Company elected to exclude taxes collected from customers, such as sales and use and value added, from the measurement of lease income and expense.

The new standard requires lessors within the scope of ASC 942, *Financial Services – Depository and Lending*, to classify principal payments received from sales-type and direct financing leases in investing activities in the statement of cash flows. The Company continues to present cash receipts from direct finance leases as an investing cash inflow and reclassified cash flows from sales-type leases from operating to investing activities. For the year ended December 31, 2019, total cash originations and cash receipts from sales-type leases were \$224.3 million and \$197.0 million, respectively.

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The cumulative effect of the changes made to the Company's Consolidated Balance Sheet on January 1, 2019 for the adoption of ASU 2016-02 was as follows:

	BALANCE AT DECEMBER 31, 2018	CHANGE DUE TO NEW STANDARD	BALANCE AT JANUARY 1, 2019
Consolidated Balance Sheets			
ASSETS			
TRUCK, PARTS AND OTHER:			
Other noncurrent assets, net	\$ 651.9	\$ 40.9	\$ 692.8
FINANCIAL SERVICES:			
Other assets	547.1	5.8	552.9
LIABILITIES AND STOCKHOLDERS' EQUITY			
TRUCK, PARTS AND OTHER:			
Accounts payable, accrued expenses and other	3,027.7	12.6	3,040.3
Other liabilities	1,145.7	28.5	1,174.2
FINANCIAL SERVICES:			
Accounts payable, accrued expenses and other	523.2	1.3	524.5
Deferred taxes and other liabilities	704.9	4.3	709.2

Other New Accounting Pronouncements:

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments – Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments*, including subsequently issued ASUs to clarify the implementation guidance in ASU 2016-13. The amendment introduces new guidance for credit losses on financial assets measured at amortized cost, including finance receivables, trade receivables and available-for-sale debt securities. Under this new model, expected credit losses will be based on relevant information about past events, including historical experience, current conditions and reasonable and supportable forecasts that affect collectability, replacing the current incurred loss model. This ASU also updates the methodology for recording credit losses on available-for-sale debt securities from the write-down for other-than-temporary impairment to the allowance approach. The ASU is effective for annual periods beginning after December 15, 2019 and interim periods within those annual periods. Early adoption is permitted. This amendment should be applied on a modified retrospective basis with a cumulative effect adjustment to retained earnings as of the beginning of the period of adoption. Upon adoption on January 1, 2020, the allowance for credit losses on finance receivable portfolio will increase by \$6.2 million, and the increase in allowance for losses on trade receivables and available-for-sale debt securities will be immaterial. The cumulative effect adjustment will decrease Retained earnings by \$4.6 million, net of tax.

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In addition to adopting the ASUs disclosed above, the Company adopted the following standard on its effective date of January 1, 2019, which had no material impact on the Company's consolidated financial statements.

STANDARD	DESCRIPTION
2018-07	<i>Compensation – Stock Compensation (Topic 718): Improvements to Nonemployee Share-Based Payment Accounting.</i>

The FASB also issued the following standards, which are not expected to have a material impact on the Company's consolidated financial statements.

STANDARD	DESCRIPTION	EFFECTIVE DATE
2018-13 *	<i>Fair Value Measurement (Topic 820): Disclosure Framework – Changes to the Disclosure Requirements for Fair Value Measurement.</i>	January 1, 2020
2018-14 *	<i>Compensation – Retirement Benefits – Defined Benefit Plans – General (Topic 715-20): Disclosure Framework – Changes to the Disclosure Requirements for Defined Benefit Plans.</i>	January 1, 2021
2018-15 *	<i>Intangibles – Goodwill and Other – Internal-Use Software (Subtopic 350-40): Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract.</i>	January 1, 2020
2019-12 **	<i>Income Taxes (Topic 740): Simplifying the Accounting for Income Taxes.</i>	January 1, 2021

* The Company will adopt on the effective date.

** The Company will early adopt in 2020.

B. SALES AND REVENUES

The following table disaggregates Truck, Parts and Other revenues by major sources:

<i>Year Ended December 31,</i>	2019	2018
<i>Truck</i>		
Truck sales	\$ 19,225.2	\$ 17,447.8
Revenues from extended warranties, operating leases and other	764.3	739.2
	19,989.5	18,187.0
<i>Parts</i>		
Parts sales	3,912.1	3,731.9
Revenues from dealer services and other	112.8	107.0
	4,024.9	3,838.9
<i>Winch sales and other</i>	105.3	112.7
Truck, Parts and Other sales and revenues	\$ 24,119.7	\$ 22,138.6

The following table summarizes Financial Services lease revenues by lease type:

<i>Year Ended December 31,</i>	2019
Finance lease revenues	\$ 199.7
Operating lease revenues	798.2
Total lease revenues	\$ 997.9

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C. INVESTMENTS IN MARKETABLE DEBT SECURITIES

Marketable debt securities consisted of the following at December 31:

	AMORTIZED COST	UNREALIZED GAINS	UNREALIZED LOSSES	FAIR VALUE
2019				
U.S. tax-exempt securities	\$ 318.1	\$ 2.2	\$.1	\$ 320.2
U.S. corporate securities	163.8	1.9		165.7
U.S. government and agency securities	128.4	.9		129.3
Non-U.S. corporate securities	347.7	2.3	.2	349.8
Non-U.S. government securities	72.3	.2	.1	72.4
Other debt securities	123.7	1.1	.1	124.7
	<u>\$ 1,154.0</u>	<u>\$ 8.6</u>	<u>\$.5</u>	<u>\$ 1,162.1</u>
2018				
U.S. tax-exempt securities	\$ 326.0	\$.3	\$ 1.2	\$ 325.1
U.S. corporate securities	147.6	.2	.4	147.4
U.S. government and agency securities	98.9	.2	.4	98.7
Non-U.S. corporate securities	272.5	.4	1.6	271.3
Non-U.S. government securities	55.9	.1	.1	55.9
Other debt securities	122.6	.2	.8	122.0
	<u>\$ 1,023.5</u>	<u>\$ 1.4</u>	<u>\$ 4.5</u>	<u>\$ 1,020.4</u>

The cost of marketable debt securities is adjusted for amortization of premiums and accretion of discounts to maturity. Amortization, accretion, interest and dividend income and realized gains and losses are included in investment income. The cost of securities sold is based on the specific identification method. Gross realized gains were \$1.3, \$1.1 and \$1.4, and gross realized losses were \$.4, \$.8 and \$.5 for the years ended December 31, 2019, 2018 and 2017, respectively.

Marketable debt securities with continuous unrealized losses and their related fair values were as follows:

	2019		2018	
	LESS THAN TWELVE MONTHS	TWELVE MONTHS OR GREATER	LESS THAN TWELVE MONTHS	TWELVE MONTHS OR GREATER
Fair value	\$ 177.0	\$ 31.4	\$ 252.8	\$ 397.9
Unrealized losses	.4	.1	.8	3.7

For the investment securities in gross unrealized loss positions identified above, the Company does not intend to sell the investment securities. It is more likely than not that the Company will not be required to sell the investment securities before recovery of the unrealized losses, and the Company expects that the contractual principal and interest will be received on the investment securities. As a result, the Company recognized no other-than-temporary impairments during the periods presented.

Contractual maturities on marketable debt securities at December 31, 2019 were as follows:

	AMORTIZED COST	FAIR VALUE
<i>Maturities:</i>		
Within one year	\$ 291.6	\$ 292.1
One to five years	806.4	813.9
Six to ten years	24.0	24.1
More than ten years	32.0	32.0
	<u>\$ 1,154.0</u>	<u>\$ 1,162.1</u>

Marketable debt securities included \$49.7 and \$7.4 of variable rate demand obligations (VRDOs) at December 31, 2019 and 2018, respectively. VRDOs are debt instruments with long-term scheduled maturities which have interest rates that reset periodically. Actual maturities of VRDOs may differ from contractual maturities because these securities may be sold when interest rates are reset.

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D. INVENTORIES

Inventories include the following:

<i>At December 31,</i>	2019	2018
Finished products	\$ 584.6	\$ 563.2
Work in process and raw materials	754.9	803.3
	<u>1,339.5</u>	<u>1,366.5</u>
Less LIFO reserve	(186.3)	(181.8)
	<u>\$ 1,153.2</u>	<u>\$ 1,184.7</u>

Inventories valued using the LIFO method comprised 46% and 47% of consolidated inventories before deducting the LIFO reserve at December 31, 2019 and 2018, respectively.

E. FINANCE AND OTHER RECEIVABLES

Finance and other receivables include the following:

<i>At December 31,</i>	2019	2018
Loans	\$ 5,241.7	\$ 4,630.5
Finance leases	3,906.7	3,807.2
Dealer wholesale financing	2,907.4	2,342.3
Operating lease receivables and other	142.6	174.6
	<u>\$ 12,198.4</u>	<u>\$ 10,954.6</u>
Less allowance for losses:		
Loans and leases	(104.4)	(103.8)
Dealer wholesale financing	(4.3)	(6.8)
Operating lease receivables and other	(3.7)	(3.2)
	<u>\$ 12,086.0</u>	<u>\$ 10,840.8</u>

The net activity of dealer direct loans and dealer wholesale financing on new trucks is shown in the operating section of the Consolidated Statements of Cash Flows since those receivables finance the sale of Company inventory.

Annual minimum payments due on loans are as follows:

<i>Beginning January 1, 2020</i>	LOANS
2020	\$ 1,633.6
2021	1,323.6
2022	1,043.9
2023	759.9
2024	377.3
Thereafter	103.4
	<u>\$ 5,241.7</u>

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Annual minimum payments due on finance lease receivables and a reconciliation of the undiscounted cash flows to the net investment in finance leases are as follows:

	FINANCE LEASES
<i>Beginning January 1, 2020</i>	
2020	\$ 1,360.6
2021	1,032.1
2022	757.3
2023	506.6
2024	246.5
Thereafter	100.0
	4,003.1
Unguaranteed residual values	316.3
Unearned interest on finance leases	(412.7)
Net investment in finance leases	\$ 3,906.7

Experience indicates substantially all of dealer wholesale financing will be repaid within one year. In addition, repayment experience indicates that some loans, leases and other finance receivables will be paid prior to contract maturity, while others may be extended or modified.

For the following credit quality disclosures, finance receivables are classified into two portfolio segments, wholesale and retail. The retail portfolio is further segmented into dealer retail and customer retail. The dealer wholesale segment consists of truck inventory financing to PACCAR dealers. The dealer retail segment consists of loans and leases to participating dealers and franchises that use the proceeds to fund customers' acquisition of commercial vehicles and related equipment. The customer retail segment consists of loans and leases directly to customers for the acquisition of commercial vehicles and related equipment. Customer retail receivables are further segregated between fleet and owner/operator classes. The fleet class consists of customer retail accounts operating more than five trucks. All other customer retail accounts are considered owner/operator. These two classes have similar measurement attributes, risk characteristics and common methods to monitor and assess credit risk.

Allowance for Credit Losses: The allowance for credit losses is summarized as follows:

	2019				
	DEALER		CUSTOMER		TOTAL
	WHOLESALE	RETAIL	RETAIL	OTHER*	
Balance at January 1	\$ 6.8	\$ 10.0	\$ 93.8	\$ 3.2	\$ 113.8
Provision for losses	(1.6)	(1.0)	14.2	3.8	15.4
Charge-offs	(.6)		(24.2)	(3.6)	(28.4)
Recoveries			10.7	.3	11.0
Currency translation and other	(.3)	.2	.7		.6
Balance at December 31	\$ 4.3	\$ 9.2	\$ 95.2	\$ 3.7	\$ 112.4

	2018				
	DEALER		CUSTOMER		TOTAL
	WHOLESALE	RETAIL	RETAIL	OTHER*	
Balance at January 1	\$ 6.0	\$ 9.4	\$ 92.5	\$ 9.3	\$ 117.2
Provision for losses	1.0	.7	13.6	1.2	16.5
Charge-offs			(20.0)	(7.5)	(27.5)
Recoveries			9.9	.4	10.3
Currency translation and other	(.2)	(.1)	(2.2)	(.2)	(2.7)
Balance at December 31	\$ 6.8	\$ 10.0	\$ 93.8	\$ 3.2	\$ 113.8

* Operating lease and other trade receivables.

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	DEALER		2017 CUSTOMER		TOTAL
	WHOLESALE	RETAIL	RETAIL	OTHER*	
	Balance at January 1	\$ 5.5	\$ 9.6	\$ 87.5	
Provision for losses		(.3)	21.1	1.5	22.3
Charge-offs			(24.8)	(1.9)	(26.7)
Recoveries			5.0	.3	5.3
Currency translation and other	.5	.1	3.7	.8	5.1
Balance at December 31	<u>\$ 6.0</u>	<u>\$ 9.4</u>	<u>\$ 92.5</u>	<u>\$ 9.3</u>	<u>\$ 117.2</u>

* Operating lease and other trade receivables.

Information regarding finance receivables evaluated and determined individually and collectively is as follows:

<i>At December 31, 2019</i>	DEALER		CUSTOMER	TOTAL
	WHOLESALE	RETAIL	RETAIL	
Recorded investment for impaired finance receivables evaluated individually		\$ 2.3	\$ 47.6	\$ 49.9
Allowance for impaired finance receivables determined individually			6.5	6.5
Recorded investment for finance receivables evaluated collectively	\$ 2,907.4	1,643.3	7,455.2	12,005.9
Allowance for finance receivables determined collectively	4.3	9.2	88.7	102.2

<i>At December 31, 2018</i>	DEALER		CUSTOMER	TOTAL
	WHOLESALE	RETAIL	RETAIL	
Recorded investment for impaired finance receivables evaluated individually	\$.1	\$ 2.5	\$ 36.7	\$ 39.3
Allowance for impaired finance receivables determined individually	.1		5.8	5.9
Recorded investment for finance receivables evaluated collectively	2,342.2	1,462.1	6,936.4	10,740.7
Allowance for finance receivables determined collectively	6.7	10.0	88.0	104.7

The recorded investment for finance receivables that are on non-accrual status is as follows:

<i>At December 31,</i>	2019	2018
Dealer:		
Wholesale		\$.1
Retail	\$ 2.3	
Customer retail:		
Fleet	40.2	27.5
Owner/operator	7.2	7.9
	<u>\$ 49.7</u>	<u>\$ 35.5</u>

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Impaired Loans: Impaired loans are summarized below. The impaired loans with specific reserve represent the unpaid principal balance. The recorded investment of impaired loans as of December 31, 2019 and 2018 was not significantly different than the unpaid principal balance.

	DEALER		CUSTOMER RETAIL		TOTAL
	WHOLESALE	RETAIL	FLEET	OWNER/ OPERATOR	
<i>At December 31, 2019</i>					
Impaired loans with a specific reserve			\$ 10.9	\$ 3.1	\$ 14.0
Associated allowance			(2.1)	(.6)	(2.7)
			8.8	2.5	11.3
Impaired loans with no specific reserve		\$ 2.3	6.7	.4	9.4
Net carrying amount of impaired loans		\$ 2.3	\$ 15.5	\$ 2.9	\$ 20.7
Average recorded investment	\$ 4.9	\$ 2.4	\$ 16.6	\$ 3.4	\$ 27.3

	DEALER		CUSTOMER RETAIL		TOTAL
	WHOLESALE	RETAIL	FLEET	OWNER/ OPERATOR	
<i>At December 31, 2018</i>					
Impaired loans with a specific reserve	\$.1		\$ 14.5	\$ 3.4	\$ 18.0
Associated allowance	(.1)		(2.3)	(1.0)	(3.4)
			12.2	2.4	14.6
Impaired loans with no specific reserve		\$ 2.5	4.9	.3	7.7
Net carrying amount of impaired loans		\$ 2.5	\$ 17.1	\$ 2.7	\$ 22.3
Average recorded investment	\$.1	\$ 3.2	\$ 29.3	\$ 2.8	\$ 35.4

During the period the loans above were considered impaired, interest income recognized on a cash basis was as follows:

<i>Year Ended December 31,</i>	2019	2018	2017
Dealer:			
Retail	\$.2		
Customer retail:			
Fleet	1.3	\$ 2.0	\$ 1.6
Owner/operator	.2	.2	.1
	\$ 1.7	\$ 2.2	\$ 1.7

Credit Quality: The Company's customers are principally concentrated in the transportation industry in North America, Europe and Australia. The Company's portfolio assets are diversified over a large number of customers and dealers with no single customer or dealer balances representing over 5% of the total portfolio assets. The Company retains as collateral a security interest in the related equipment.

At the inception of each contract, the Company considers the credit risk based on a variety of credit quality factors including prior payment experience, customer financial information, credit-rating agency ratings, loan-to-value ratios and other internal metrics. On an ongoing basis, the Company monitors credit quality based on past due status and collection experience as there is a meaningful correlation between the past due status of customers and the risk of loss.

The Company has three credit quality indicators: performing, watch and at-risk. Performing accounts pay in accordance with the contractual terms and are not considered high-risk. Watch accounts include accounts 31 to 90 days past due and large accounts that are performing but are considered to be high-risk. Watch accounts are not impaired. At-risk accounts are accounts that are impaired, including TDRs, accounts over 90 days past due and other accounts on non-accrual status. The tables below summarize the Company's finance receivables by credit quality indicator and portfolio class.

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	DEALER		CUSTOMER RETAIL		TOTAL
	WHOLESALE	RETAIL	FLEET	OWNER/ OPERATOR	
<i>At December 31, 2019</i>					
Performing	\$ 2,897.3	\$ 1,643.3	\$ 6,251.0	\$ 1,138.0	\$ 11,929.6
Watch	10.1		56.4	9.8	76.3
At-risk		2.3	40.3	7.3	49.9
	\$ 2,907.4	\$ 1,645.6	\$ 6,347.7	\$ 1,155.1	\$ 12,055.8
	DEALER		CUSTOMER RETAIL		
	WHOLESALE	RETAIL	FLEET	OWNER/ OPERATOR	TOTAL
<i>At December 31, 2018</i>					
Performing	\$ 2,329.5	\$ 1,462.1	\$ 5,759.0	\$ 1,099.3	\$ 10,649.9
Watch	12.6		70.0	8.2	90.8
At-risk	.2	2.5	28.5	8.1	39.3
	\$ 2,342.3	\$ 1,464.6	\$ 5,857.5	\$ 1,115.6	\$ 10,780.0

The tables below summarize the Company's finance receivables by aging category. In determining past due status, the Company considers the entire contractual account balance past due when any installment is over 30 days past due. Substantially all customer accounts that were greater than 30 days past due prior to credit modification became current upon modification for aging purposes.

	DEALER		CUSTOMER RETAIL		TOTAL
	WHOLESALE	RETAIL	FLEET	OWNER/ OPERATOR	
<i>At December 31, 2019</i>					
Current and up to 30 days past due	\$ 2,907.4	\$ 1,645.6	\$ 6,297.1	\$ 1,140.7	\$ 11,990.8
31 – 60 days past due			23.0	8.7	31.7
Greater than 60 days past due			27.6	5.7	33.3
	\$ 2,907.4	\$ 1,645.6	\$ 6,347.7	\$ 1,155.1	\$ 12,055.8
	DEALER		CUSTOMER RETAIL		
	WHOLESALE	RETAIL	FLEET	OWNER/ OPERATOR	TOTAL
<i>At December 31, 2018</i>					
Current and up to 30 days past due	\$ 2,342.1	\$ 1,464.6	\$ 5,835.6	\$ 1,103.1	\$ 10,745.4
31 – 60 days past due	.1		11.2	6.7	18.0
Greater than 60 days past due	.1		10.7	5.8	16.6
	\$ 2,342.3	\$ 1,464.6	\$ 5,857.5	\$ 1,115.6	\$ 10,780.0

Troubled Debt Restructurings: The balance of TDRs was \$14.1 and \$20.1 at December 31, 2019 and 2018, respectively. At modification date, the pre-modification and post-modification recorded investment balances for finance receivables modified during the period by portfolio class were as follows:

	2019		2018	
	RECORDED INVESTMENT		RECORDED INVESTMENT	
	PRE-MODIFICATION	POST-MODIFICATION	PRE-MODIFICATION	POST-MODIFICATION
Fleet	\$ 2.2	\$ 2.2	\$ 12.1	\$ 12.1
Owner/operator	.3	.3	1.0	1.0
	\$ 2.5	\$ 2.5	\$ 13.1	\$ 13.1

The effect on the allowance for credit losses from such modifications was not significant at December 31, 2019 and 2018.

TDRs modified during the previous twelve months that subsequently defaulted (i.e., became more than 30 days past due) in the years ended December 31, 2019 and 2018 were nil.

There were no finance receivables modified as TDRs during the previous twelve months that subsequently defaulted and were charged off for the years ended December 31, 2019 and 2018.

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Repossessions: When the Company determines a customer is not likely to meet its contractual commitments, the Company repossesses the vehicles which serve as collateral for the loans, finance leases and equipment under operating leases. The Company records the vehicles as used truck inventory included in Financial Services Other assets on the Consolidated Balance Sheets. The balance of repossessed inventory at December 31, 2019 and 2018 was \$25.6 and \$10.8, respectively. Proceeds from the sales of repossessed assets were \$62.4, \$75.8 and \$58.3 for the years ended December 31, 2019, 2018 and 2017, respectively. These amounts are included in Proceeds from asset disposals in the Consolidated Statements of Cash Flows. Write-downs of repossessed equipment on operating leases are recorded as impairments and included in Financial Services Depreciation and other expenses on the Consolidated Statements of Income.

F. EQUIPMENT ON OPERATING LEASES

A summary of equipment on operating leases for Truck, Parts and Other and for the Financial Services segment is presented below.

<i>At December 31,</i>	TRUCK, PARTS AND OTHER		FINANCIAL SERVICES	
	2019	2018	2019	2018
Equipment on operating leases	\$ 706.3	\$ 948.1	\$ 4,350.0	\$ 4,098.3
Less allowance for depreciation	(160.8)	(161.5)	(1,247.4)	(1,243.3)
	<u>\$ 545.5</u>	<u>\$ 786.6</u>	<u>\$ 3,102.6</u>	<u>\$ 2,855.0</u>

Annual minimum lease payments due on Financial Services operating leases beginning January 1, 2020 are \$646.8, \$472.9, \$281.1, \$126.5, \$40.8 and \$6.9 thereafter.

When the equipment is sold subject to an RVG, the full sales price is received from the customer. A liability is established for the residual value obligation with the remainder of the proceeds recorded as deferred lease revenue. These amounts are summarized below:

<i>At December 31,</i>	TRUCK, PARTS AND OTHER	
	2019	2018
Residual value guarantees	\$ 439.6	\$ 591.1
Deferred lease revenues	147.7	251.3
	<u>\$ 587.3</u>	<u>\$ 842.4</u>

The deferred lease revenue is amortized on a straight-line basis over the RVG contract period. At December 31, 2019, the annual amortization of deferred revenues beginning January 1, 2020 is \$78.6, \$41.7, \$17.6, \$8.9, \$8 and \$.1 thereafter. Annual maturities of the RVGs beginning January 1, 2020 are \$187.3, \$150.8, \$55.9, \$31.2, \$8.3 and \$6.1 thereafter.

G. PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment include the following:

<i>At December 31,</i>	USEFUL LIVES	2019	2018
		\$	\$
Land		271.8	265.4
Buildings and improvements	10 - 40 years	1,382.2	1,329.0
Machinery, equipment and production tooling	3 - 12 years	3,998.2	3,884.5
Construction in progress		741.7	308.8
		<u>6,393.9</u>	<u>5,787.7</u>
Less allowance for depreciation		(3,510.1)	(3,306.8)
		<u>\$ 2,883.8</u>	<u>\$ 2,480.9</u>

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H. ACCOUNTS PAYABLE, ACCRUED EXPENSES AND OTHER

Accounts payable, accrued expenses and other include the following:

<i>At December 31,</i>	2019	2018
<i>Truck, Parts and Other:</i>		
Accounts payable	\$ 1,115.7	\$ 1,304.9
Product support liabilities	508.1	446.7
Accrued expenses	693.4	626.5
Accrued capital expenditures	270.3	98.8
Salaries and wages	271.8	267.7
Other	334.9	283.1
	<u>\$ 3,194.2</u>	<u>\$ 3,027.7</u>

I. PRODUCT SUPPORT LIABILITIES

Changes in product support liabilities are summarized as follows:

<u>WARRANTY RESERVES</u>	2019	2018	2017
Balance at January 1	\$ 380.2	\$ 298.8	\$ 282.1
Cost accruals	386.3	331.9	242.1
Payments	(343.7)	(271.8)	(236.8)
Change in estimates for pre-existing warranties	19.8	25.6	(2.0)
Currency translation and other	(2.6)	(4.3)	13.4
Balance at December 31	<u>\$ 440.0</u>	<u>\$ 380.2</u>	<u>\$ 298.8</u>
<u>DEFERRED REVENUES ON EXTENDED WARRANTIES AND R&M CONTRACTS</u>	2019	2018	2017
Balance at January 1	\$ 699.9	\$ 653.9	\$ 573.5
Deferred revenues	499.1	448.2	371.8
Revenues recognized	(396.4)	(385.0)	(328.2)
Currency translation	(1.2)	(17.2)	36.8
Balance at December 31	<u>\$ 801.4</u>	<u>\$ 699.9</u>	<u>\$ 653.9</u>

The Company expects to recognize approximately \$252.0 of the remaining deferred revenues on extended warranties and R&M contracts in 2020, \$237.6 in 2021, \$160.1 in 2022, \$107.0 in 2023, \$34.2 in 2024 and \$10.5 thereafter.

Product support liabilities are included in the accompanying Consolidated Balance Sheets as follows:

<i>At December 31,</i>	<u>WARRANTY RESERVES</u>		<u>DEFERRED REVENUES</u>	
	2019	2018	2019	2018
<i>Truck, Parts and Other:</i>				
Accounts payable, accrued expenses and other	\$ 270.6	\$ 233.0	\$ 237.5	\$ 213.7
Other liabilities	169.4	147.2	547.6	468.8
<i>Financial Services:</i>				
Deferred taxes and other liabilities			16.3	17.4
	<u>\$ 440.0</u>	<u>\$ 380.2</u>	<u>\$ 801.4</u>	<u>\$ 699.9</u>

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J. BORROWINGS AND CREDIT ARRANGEMENTS

Financial Services borrowings include the following:

<u>At December 31,</u>	2019		2018	
	EFFECTIVE RATE	BORROWINGS	EFFECTIVE RATE	BORROWINGS
Commercial paper	1.5%	\$ 3,797.2	1.9%	\$ 3,256.8
Bank loans	7.1%	313.0	7.2%	284.0
		4,110.2		3,540.8
Term notes	1.9%	7,112.5	1.8%	6,409.7
	1.9%	\$ 11,222.7	2.0%	\$ 9,950.5

Commercial paper and term notes borrowings were \$10,909.7 and \$9,666.5 at December 31, 2019 and 2018, respectively. Unamortized debt issuance costs, unamortized discounts and the net effect of fair value hedges were \$(20.5) and \$(19.3) at December 31, 2019 and 2018, respectively. The effective rate is the weighted average rate as of December 31, 2019 and 2018 and includes the effects of interest-rate contracts.

The annual maturities of the Financial Services borrowings are as follows:

<u>Beginning January 1, 2020</u>	COMMERCIAL PAPER	BANK LOANS	TERM NOTES	TOTAL
2020	\$ 3,800.5	\$ 114.1	\$ 1,716.7	\$ 5,631.3
2021		107.1	2,216.0	2,323.1
2022		66.3	2,191.7	2,258.0
2023		20.2	705.3	725.5
2024		5.3	300.0	305.3
	<u>\$ 3,800.5</u>	<u>\$ 313.0</u>	<u>\$ 7,129.7</u>	<u>\$ 11,243.2</u>

Interest paid on borrowings was \$203.8, \$166.5 and \$127.4 in 2019, 2018 and 2017, respectively.

The primary sources of borrowings in the capital markets are commercial paper and medium-term notes issued in the public markets, and to a lesser extent, bank loans. The medium-term notes are issued by PACCAR Financial Corp. (PFC), PACCAR Financial Europe, PACCAR Financial Mexico and PACCAR Financial Pty. Ltd. (PFPL).

In November 2018, the Company's U.S. finance subsidiary, PFC, filed a shelf registration under the Securities Act of 1933. The total amount of medium-term notes outstanding for PFC as of December 31, 2019 was \$5,550.0. In February 2020, PFC issued \$300.0 of medium-term notes under this registration. The registration expires in November 2021 and does not limit the principal amount of debt securities that may be issued during that period.

As of December 31, 2019, the Company's European finance subsidiary, PACCAR Financial Europe, had €1,350.0 available for issuance under a €2,500.0 medium-term note program listed on the Professional Securities Market of the London Stock Exchange. This program replaced an expiring program in the second quarter of 2019 and is renewable annually through the filing of a new listing.

In April 2016, PACCAR Financial Mexico registered a 10,000.0 pesos medium-term note and commercial paper program with the Comision Nacional Bancaria y de Valores. The registration expires in April 2021 and limits the amount of commercial paper (up to one year) to 5,000.0 pesos. At December 31, 2019, 6,800.0 pesos remained available for issuance.

In August 2018, the Company's Australian subsidiary, PACCAR Financial Pty. Ltd. (PFPL), registered a medium-term note program. The program does not limit the principal amount of debt securities that may be issued under the program. The total amount of medium-term notes outstanding for PFPL as of December 31, 2019 was 300.0 Australian dollars.

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The Company has line of credit arrangements of \$3,579.7, of which \$3,266.7 were unused at December 31, 2019. Included in these arrangements are \$3,000.0 of committed bank facilities, of which \$1,000.0 expires in June 2020, \$1,000.0 expires in June 2023 and \$1,000.0 expires in June 2024. The Company intends to replace these credit facilities on or before expiration with facilities of similar amounts and duration. These credit facilities are maintained primarily to provide backup liquidity for commercial paper borrowings and maturing medium-term notes. There were no borrowings under the committed bank facilities for the year ended December 31, 2019.

K. LEASES

The Company leases certain facilities and equipment. The Company determines whether an arrangement is or contains a lease at inception. The Company accounts for lease and non-lease components separately. The consideration in the contract is allocated to each separate lease and non-lease component of the contract generally based on the relative stand-alone price of the components. The lease component is accounted for in accordance with the lease standard and the non-lease component is accounted for in accordance with other standards. The Company uses its incremental borrowing rate in determining the present value of lease payments unless the rate implicit in the lease is available. The lease term may include options to extend or terminate the lease if it is reasonably certain that the Company will exercise that option. Leases that have a term of 12 months or less at the commencement date (“short-term leases”) are not included in the right-of-use assets and the lease liabilities. Lease expense for the short-term leases are recognized on a straight-line basis over the lease term.

The components of lease expense were as follows:

<i>Year Ended December 31,</i>	<i>2019</i>
Finance lease cost	
Amortization of right-of-use assets	\$.9
Interest on lease liabilities	.1
Operating lease cost	16.9
Short-term lease cost	.7
Variable lease cost	1.8
Total lease cost	\$ 20.4

For the years ended December 31, 2019, 2018 and 2017, total rental expenses for all leases amounted to \$20.4, \$35.7 and \$30.1, respectively.

Balance sheet information related to leases was as follows:

<i>At December 31, 2019</i>	<u>OPERATING LEASES</u>	<u>FINANCE LEASES</u>
TRUCK, PARTS AND OTHER:		
Other noncurrent assets	\$ 31.7	\$ 1.1
FINANCIAL SERVICES:		
Other assets	5.2	
Total right-of-use assets	\$ 36.9	\$ 1.1
TRUCK, PARTS AND OTHER:		
Accounts payable, accrued expenses and other	\$ 13.0	\$.7
Other liabilities	19.5	.5
FINANCIAL SERVICES:		
Accounts payable, accrued expenses and other	1.5	
Deferred taxes and other liabilities	3.7	
Total lease liabilities	\$ 37.7	\$ 1.2

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The weighted-average remaining lease term and discount rate are as follows:

<i>At December 31, 2019</i>	OPERATING LEASES	FINANCE LEASES
Weighted-average remaining lease term	3.8 years	2.2 years
Weighted-average discount rate	1.9%	4.0%

Maturities of lease liabilities are as follows:

<i>Beginning January 1, 2020</i>	OPERATING LEASES	FINANCE LEASES
2020	\$ 14.9	\$.8
2021	10.3	.3
2022	7.2	.1
2023	3.0	.1
2024	1.1	
Thereafter	2.5	
Total lease payments	39.0	1.3
Less: interest	(1.3)	(.1)
Total lease liabilities	<u>\$ 37.7</u>	<u>\$ 1.2</u>

Cash flow information related to leases was as follows:

<i>Year Ended December 31,</i>	2019
Cash paid for amounts included in the measurement of lease liabilities	
Operating cash flows from operating leases	\$ 17.0
Operating cash flows from finance leases	.2
Financing cash flows from finance leases	1.0
Right-of-use assets obtained in exchange for lease liabilities	
Operating leases	8.9
Finance leases	.7

L. COMMITMENTS AND CONTINGENCIES

At December 31, 2019, PACCAR had standby letters of credit and surety bonds totaling \$47.8, from third-party financial institutions, in the normal course of business, which guarantee various insurance, financing and other activities. At December 31, 2019, PACCAR's financial services companies, in the normal course of business, had outstanding commitments to fund new loan and lease transactions amounting to \$885.8. The commitments generally expire in 90 days. The Company had other commitments, primarily to purchase production inventory, equipment and energy amounting to \$119.8, \$63.9, \$60.6, \$.8 and nil for 2020, 2021, 2022, 2023 and 2024 and beyond, respectively.

The Company is involved in various stages of investigations and cleanup actions in different countries related to environmental matters. In certain of these matters, the Company has been designated as a "potentially responsible party" by domestic and foreign environmental agencies. The Company has accrued the estimated costs to investigate and complete cleanup actions where it is probable that the Company will incur such costs in the future. Expenditures related to environmental activities for the years ended December 31, 2019, 2018 and 2017 were \$1.3, \$1.2 and \$1.9, respectively.

While the timing and amount of the ultimate costs associated with future environmental cleanup cannot be determined, management expects that these matters will not have a significant effect on the Company's consolidated financial position.

On July 19, 2016, the European Commission (EC) concluded its investigation of all major European truck manufacturers and reached a settlement with DAF. Following the settlement, claims and lawsuits have been filed against the Company, DAF and certain DAF subsidiaries and other truck manufacturers in various European jurisdictions. These claims and lawsuits include a number of collective proceedings, including proposed class actions in the United Kingdom, alleging EC-related claims and seeking unspecified damages. Others may bring EC-related claims and lawsuits against the Company or its subsidiaries. While the Company believes it has meritorious

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defenses, such claims and lawsuits will likely take a significant period of time to resolve. The Company cannot reasonably estimate a range of loss, if any, that may result given the early stage of these claims and lawsuits. An adverse outcome of such proceedings could have a material impact on the Company's results of operations.

PACCAR is also a defendant in various other legal proceedings and, in addition, there are various other contingent liabilities arising in the normal course of business. After consultation with legal counsel, management does not anticipate that disposition of these various other proceedings and contingent liabilities will have a material effect on the consolidated financial statements.

M. EMPLOYEE BENEFITS

Severance Costs: The Company incurred severance expense in 2019, 2018 and 2017 of \$5.8, \$.7 and \$.8, respectively.

Defined Benefit Pension Plans: The Company has several defined benefit pension plans, which cover a majority of its employees. The Company evaluates its actuarial assumptions on an annual basis and considers changes based upon market conditions and other factors.

The expected return on plan assets is determined by using a market-related value of assets, which is calculated based on an average of the previous five years of asset gains and losses.

Generally, accumulated unrecognized actuarial gains and losses are amortized using the 10% corridor approach. The corridor is defined as the greater of either 10% of the projected benefit obligation or the market-related value of plan assets. The amortization amount is the excess beyond the corridor divided by the average remaining estimated service life of participants on a straight-line basis.

The Company funds its pensions in accordance with applicable employee benefit and tax laws. The Company contributed \$35.7 to its pension plans in 2019 and \$88.9 in 2018. The Company expects to contribute in the range of \$80.0 to \$120.0 to its pension plans in 2020, of which \$21.4 is estimated to satisfy minimum funding requirements. Annual benefits expected to be paid beginning January 1, 2020 are \$133.2, \$103.0, \$109.1, \$113.6, \$120.5 and a total of \$683.5 for the five years thereafter.

Plan assets are invested in global equity and debt securities through professional investment managers with the objective to achieve targeted risk adjusted returns and maintain liquidity sufficient to fund current benefit payments. Typically, each defined benefit plan has an investment policy that includes a target for asset mix, including maximum and minimum ranges for allocation percentages by investment category. The actual allocation of assets may vary at times based upon rebalancing policies and other factors. The Company periodically assesses the target asset mix by evaluating external sources of information regarding the long-term historical return, volatilities and expected future returns for each investment category. In addition, the long-term rates of return assumptions for pension accounting are reviewed annually to ensure they are appropriate. Target asset mix and forecast long-term returns by asset category are considered in determining the assumed long-term rates of return, although historical returns realized are given some consideration.

The fair value of mutual funds, common stocks and U.S. treasuries is determined using the market approach and is based on the quoted prices in active markets. These securities are categorized as Level 1. The fair value of debt securities is determined using the market approach and is based on the quoted market prices of the securities or other observable inputs. These securities are categorized as Level 2.

The fair value of commingled trust funds is determined using the market approach and is based on the unadjusted net asset value (NAV) per unit as determined by the sponsor of the fund based on the fair values of underlying investments. These assets are collective investment trusts, and substantially all of these investments have no redemption restrictions or unfunded commitments. Securities measured at NAV per unit as a practical expedient are not classified in the fair value hierarchy.

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The following information details the allocation of plan assets by investment type. See Note Q for definitions of fair value levels.

<i>At December 31, 2019</i>	TARGET	FAIR VALUE HIERARCHY			MEASURED AT NAV	TOTAL
		LEVEL 1	LEVEL 2	TOTAL		
<i>Equities:</i>						
U.S. equities					\$ 860.1	\$ 860.1
Global equities					973.1	973.1
Total equities	50 - 70%				1,833.2	1,833.2
<i>Fixed income:</i>						
U.S. fixed income		\$ 214.0	\$ 260.3	\$ 474.3	\$ 488.3	\$ 962.6
Non-U.S. fixed income			28.1	28.1	322.0	350.1
Total fixed income	30 - 50%	214.0	288.4	502.4	810.3	1,312.7
Cash and other		10.6	68.2	78.8	1.7	80.5
Total plan assets		\$ 224.6	\$ 356.6	\$ 581.2	\$ 2,645.2	\$ 3,226.4

<i>At December 31, 2018</i>	TARGET	FAIR VALUE HIERARCHY			MEASURED AT NAV	TOTAL
		LEVEL 1	LEVEL 2	TOTAL		
<i>Equities:</i>						
U.S. equities					\$ 680.2	\$ 680.2
Global equities					772.6	772.6
Total equities	50 - 70%				1,452.8	1,452.8
<i>Fixed income:</i>						
U.S. fixed income		\$ 223.2	\$ 223.4	\$ 446.6	\$ 419.6	\$ 866.2
Non-U.S. fixed income			21.6	21.6	279.0	300.6
Total fixed income	30 - 50%	223.2	245.0	468.2	698.6	1,166.8
Cash and other		9.0	69.0	78.0	1.6	79.6
Total plan assets		\$ 232.2	\$ 314.0	\$ 546.2	\$ 2,153.0	\$ 2,699.2

The following weighted average assumptions relate to all pension plans of the Company:

<i>At December 31,</i>	2019	2018
Discount rate	2.9%	3.9%
Rate of increase in future compensation levels	3.8%	3.8%
Assumed long-term rate of return on plan assets	6.3%	6.3%

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The components of the change in projected benefit obligation and change in plan assets are as follows:

<i>At December 31,</i>	2019	2018
<i>Change in projected benefit obligation:</i>		
Benefit obligation at January 1	\$ 2,655.4	\$ 2,820.7
Service cost	102.0	108.3
Interest cost	95.6	85.8
Benefits paid	(127.0)	(87.6)
Actuarial loss (gain)	478.0	(232.6)
Currency translation and other	30.0	(39.6)
Participant contributions	.4	.4
Projected benefit obligation at December 31	<u>\$ 3,234.4</u>	<u>\$ 2,655.4</u>

Change in plan assets:

Fair value of plan assets at January 1	\$ 2,699.2	\$ 2,919.6
Employer contributions	35.7	88.9
Actual return on plan assets	588.1	(177.5)
Benefits paid	(127.0)	(87.6)
Currency translation and other	30.0	(44.6)
Participant contributions	.4	.4
Fair value of plan assets at December 31	<u>\$ 3,226.4</u>	<u>\$ 2,699.2</u>
Funded status at December 31	<u>\$ (8.0)</u>	<u>\$ 43.8</u>

At December 31,

Amounts recorded on Balance Sheet:

	2019	2018
Other noncurrent assets	\$ 146.5	\$ 174.7
Accounts payable, accrued expenses and other	39.9	4.9
Other liabilities	114.6	126.0
Accumulated other comprehensive loss:		
Actuarial loss	512.5	471.5
Prior service cost	5.1	6.2
Net initial transition amount	.1	.1

Of the December 31, 2019 amounts in accumulated other comprehensive loss, \$41.7 of unrecognized actuarial loss and \$1.5 of unrecognized prior service cost are expected to be amortized into net pension expense in 2020.

The accumulated benefit obligation for all pension plans of the Company was \$2,806.3 and \$2,356.2 at December 31, 2019 and 2018, respectively.

Information for all plans with an accumulated benefit obligation in excess of plan assets is as follows:

<i>At December 31,</i>	2019	2018
Projected benefit obligation	\$ 170.6	\$ 138.3
Accumulated benefit obligation	150.1	124.0
Fair value of plan assets	23.4	22.0

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The components of pension expense are as follows:

<i>Year Ended December 31,</i>	2019	2018	2017
Service cost	\$ 102.0	\$ 108.3	\$ 92.9
Interest on projected benefit obligation	95.6	85.8	81.1
Expected return on assets	(176.6)	(177.2)	(159.7)
Amortization of prior service costs	1.4	1.4	1.2
Recognized actuarial loss	20.5	35.3	25.4
Net pension expense	<u>\$ 42.9</u>	<u>\$ 53.6</u>	<u>\$ 40.9</u>

The components of net pension expense other than service cost are included in Interest and other (income), net on the Consolidated Statements of Income.

Multi-employer Plans: The Company participates in multi-employer plans in the U.S. and Europe. These are typically under collective bargaining agreements and cover its union-represented employees. The Company's participation in the following multi-employer plans for the years ended December 31 are as follows:

PENSION PLAN	EIN	PENSION PLAN NUMBER	COMPANY CONTRIBUTIONS		
			2019	2018	2017
Metal and Electrical Engineering Industry Pension Fund		135668	\$ 27.8	\$ 27.9	\$ 25.0
Western Metal Industry Pension Plan	91-6033499	001	3.8	2.7	1.4
Other plans			1.2	1.2	.8
			<u>\$ 32.8</u>	<u>\$ 31.8</u>	<u>\$ 27.2</u>

The Company contributions shown in the table above approximate the multi-employer pension expense for each of the years ended December 31, 2019, 2018 and 2017, respectively.

Metal and Electrical Engineering Industry Pension Fund is a multi-employer union plan incorporating all DAF employees in the Netherlands and is covered by a collective bargaining agreement that will expire November 30, 2020. The Company's contributions were less than 5% of the total contributions to the plan for the last two reporting periods ending December 2019. The plan is required by law (the Netherlands Pension Act) to have a coverage ratio in excess of 104.3%. Because the coverage ratio of the plan was 96.9% at December 31, 2019, a funding improvement plan effective through 2028 is in place. The funding improvement plan includes a possible reduction in pension benefits and delays in future benefit increases.

The Western Metal Industry Pension Plan is located in the U.S. and is covered by a collective bargaining agreement that will expire on November 1, 2020. In accordance with the U.S. Pension Protection Act of 2006, the plan continued to be certified as critical (red) status as of December 31, 2019, and a funding improvement plan has been implemented requiring additional contributions through 2022 as long as the plan remains in critical status. Contributions by the Company were 20% and 14% of the total contributions to the plan for the years ended December 31, 2019 and 2018, respectively.

Other plans are principally located in the U.S. and the Company's contributions to these plans for the years ended December 31, 2019 and 2018 were less than 5% of each plan's total contributions. As of December 31, 2019, one of the other plans was under a funding improvement plan.

There were no significant changes for the multi-employer plans in the periods presented that affected comparability between periods.

Defined Contribution Plans: The Company maintains several defined contribution benefit plans whereby it contributes designated amounts on behalf of participant employees. The largest plan is for U.S. salaried employees where the Company matches a percentage of employee contributions up to an annual limit. The match was 5% of eligible pay in 2019, 2018 and 2017. Other plans are located in Australia, Brasil, Canada, the Netherlands, Belgium and Germany. Expenses for these plans were \$48.3, \$45.3 and \$37.9 in 2019, 2018 and 2017, respectively.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

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N. INCOME TAXES

The Company's tax rate is based on income and statutory tax rates in the various jurisdictions in which the Company operates. Tax law requires certain items to be included in the Company's tax returns at different times than the items reflected in the Company's financial statements. As a result, the Company's annual tax rate reflected in its financial statements is different than that reported in its tax returns. Some of these differences are permanent, such as expenses that are not deductible in the Company's tax return, and some differences reverse over time, such as depreciation expense. These temporary differences create deferred tax assets and liabilities. The Company establishes valuation allowances for its deferred tax assets if, based on the available evidence, it is more likely than not that some portion or all of the deferred tax assets will not be realized.

The components of the Company's income before income taxes include the following:

<i>Year Ended December 31,</i>	2019	2018	2017
Domestic	\$ 2,201.1	\$ 1,775.2	\$ 1,347.8
Foreign	898.1	1,035.0	825.5
	<u>\$ 3,099.2</u>	<u>\$ 2,810.2</u>	<u>\$ 2,173.3</u>

The components of the Company's provision for income taxes include the following:

<i>Year Ended December 31,</i>	2019	2018	2017
Current provision:			
Federal	\$ 352.3	\$ 267.1	\$ 397.7
State	96.8	67.5	63.8
Foreign	191.4	263.0	210.5
	<u>640.5</u>	<u>597.6</u>	<u>672.0</u>
Deferred provision (benefit):			
Federal	40.7	22.6	(173.8)
State	(4.3)	1.3	2.3
Foreign	34.4	(6.4)	(2.4)
	<u>70.8</u>	<u>17.5</u>	<u>(173.9)</u>
	<u>\$ 711.3</u>	<u>\$ 615.1</u>	<u>\$ 498.1</u>

Tax benefits recognized for net operating loss carryforwards were \$12.4, \$5.0 and \$4.3 for the years ended 2019, 2018 and 2017, respectively.

A reconciliation of the statutory U.S. federal tax rate to the effective income tax rate is as follows:

	2019	2018	2017
Statutory rate	21.0%	21.0%	35.0%
Effect of:			
Rate change on deferred taxes			(14.0)
Transition tax		(.2)	6.0
State	2.3	2.2	1.8
Federal domestic production deduction			(1.1)
Tax on foreign earnings	.9	1.0	(4.0)
Other, net	(1.2)	(2.1)	(.8)
	<u>23.0%</u>	<u>21.9%</u>	<u>22.9%</u>

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On December 22, 2017, the U.S. enacted new federal income tax legislation, the Tax Cuts and Jobs Act (“the Tax Act”). The Tax Act lowered the U.S. statutory income tax rate from 35% to 21%, imposed a one-time transition tax on the Company’s foreign earnings, which previously had been deferred from U.S. income tax and created a modified territorial system. As a result, the Company recorded \$304.0 of deferred tax benefits, due to the re-measurement of net deferred tax liabilities at the new lower statutory tax rate. In addition, the Company recorded \$130.6 of tax expense on the Company’s foreign earnings, which previously had been deferred from U.S. income tax and no adjustments have been made to the amounts.

Based on the Company’s current operations, the Company does not expect that the repatriation of future foreign earnings will be subject to significant income tax as a result of the U.S. modified territorial system.

At December 31, 2019, the Company had net operating loss carryforwards of \$460.9, of which \$370.7 related to foreign subsidiaries and \$90.2 related to states in the U.S. The related deferred tax asset was \$123.3, for which a \$99.6 valuation allowance has been provided. The carryforward periods range from four years to indefinite, subject to certain limitations under applicable laws. The future tax benefits of net operating loss carryforwards are evaluated on a regular basis, including a review of historical and projected operating results.

The tax effects of temporary differences representing deferred tax assets and liabilities are as follows:

<i>At December 31,</i>	2019	2018
<i>Assets:</i>		
Accrued expenses	\$ 203.5	\$ 179.4
Net operating loss and tax credit carryforwards	132.0	112.1
Postretirement benefit plans	4.9	
Allowance for losses on receivables	31.4	30.7
Goodwill and intangibles	18.7	24.2
Other	103.3	102.0
	493.8	448.4
Valuation allowance	(118.5)	(118.3)
	375.3	330.1
<i>Liabilities:</i>		
Financial Services leasing depreciation	(777.5)	(676.4)
Depreciation and amortization	(159.4)	(145.2)
Postretirement benefit plans		(8.0)
Other	(28.9)	(32.9)
	(965.8)	(862.5)
Net deferred tax liability	\$ (590.5)	\$ (532.4)

The balance sheets classification of the Company’s deferred tax assets and liabilities are as follows:

<i>At December 31,</i>	2019	2018
<i>Truck, Parts and Other:</i>		
Other noncurrent assets, net	\$ 115.4	\$ 97.1
Other liabilities	(5.3)	(2.5)
<i>Financial Services:</i>		
Other assets	36.8	37.7
Deferred taxes and other liabilities	(737.4)	(664.7)
Net deferred tax liability	\$ (590.5)	\$ (532.4)

Cash paid for income taxes was \$586.0, \$607.6 and \$661.4 in 2019, 2018 and 2017, respectively.

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A reconciliation of the beginning and ending amounts of unrecognized tax benefits is as follows:

	2019	2018	2017
Balance at January 1	\$ 21.2	\$ 22.9	\$ 17.3
Additions for tax positions related to the current year	6.5	11.2	5.6
Additions for tax positions related to prior years	3.0		
Reductions related to settlements		(5.7)	
Lapse of statute of limitations		(7.2)	
Balance at December 31	<u>\$ 30.7</u>	<u>\$ 21.2</u>	<u>\$ 22.9</u>

The Company had \$30.7, \$21.2 and \$22.9 of unrecognized tax benefits, of which \$28.4, \$18.9 and \$16.8 would impact the effective tax rate, if recognized, as of December 31, 2019, 2018 and 2017, respectively.

The Company recognized \$.8, \$(.1) and \$.2 of expense (income) related to interest in 2019, 2018 and 2017, respectively. Accrued interest expense and penalties were \$1.9, \$1.1 and \$1.1 as of December 31, 2019, 2018 and 2017, respectively. Interest and penalties are classified as income taxes in the Consolidated Statements of Income.

The Company believes it is reasonably possible that approximately \$7.9 of unrecognized tax benefits, resulting primarily from research and development tax credits, will be resolved within the next twelve months. As of December 31, 2019, the United States Internal Revenue Service has completed examinations of the Company's tax returns for all years through 2014. The Company's tax returns for other major jurisdictions remain subject to examination for the years ranging from 2011 through 2019.

O. STOCKHOLDERS' EQUITY

Accumulated Other Comprehensive Income (Loss): The components of AOCI and the changes in AOCI, net of tax, included in the Consolidated Balance Sheets and the Consolidated Statements of Stockholders' Equity, consisted of the following:

	DERIVATIVE CONTRACTS	MARKETABLE DEBT SECURITIES	PENSION PLANS	FOREIGN CURRENCY TRANSLATION	TOTAL
Balance at January 1, 2019	\$ 2.0	\$ (2.3)	\$ (477.8)	\$ (620.4)	\$ (1,098.5)
Recorded into AOCI	(57.0)	8.7	(56.8)	47.2	(57.9)
Reclassified out of AOCI	39.7	(.3)	16.9		56.3
Net other comprehensive (loss) income	(17.3)	8.4	(39.9)	47.2	(1.6)
Balance at December 31, 2019	<u>\$ (15.3)</u>	<u>\$ 6.1</u>	<u>\$ (517.7)</u>	<u>\$ (573.2)</u>	<u>\$ (1,100.1)</u>

	DERIVATIVE CONTRACTS	MARKETABLE DEBT SECURITIES	PENSION PLANS	FOREIGN CURRENCY TRANSLATION	TOTAL
Balance at January 1, 2018	\$ 1.2	\$ (1.8)	\$ (375.6)	\$ (417.4)	\$ (793.6)
Recorded into AOCI	90.9	.1	(86.8)	(213.3)	(209.1)
Reclassified out of AOCI	(90.5)	(.1)	28.0		(62.6)
Net other comprehensive income (loss)	.4		(58.8)	(213.3)	(271.7)
Reclassifications to retained earnings in accordance with ASU 2018-02	.4	(.5)	(43.4)	10.3	(33.2)
Balance at December 31, 2018	<u>\$ 2.0</u>	<u>\$ (2.3)</u>	<u>\$ (477.8)</u>	<u>\$ (620.4)</u>	<u>\$ (1,098.5)</u>

	DERIVATIVE CONTRACTS	MARKETABLE DEBT SECURITIES	PENSION PLANS	FOREIGN CURRENCY TRANSLATION	TOTAL
Balance at January 1, 2017	\$ (4.3)	\$ (.3)	\$ (414.1)	\$ (709.4)	\$ (1,128.1)
Recorded into AOCI	(91.6)	(1.1)	20.4	292.0	219.7
Reclassified out of AOCI	97.1	(.4)	18.1		114.8
Net other comprehensive income (loss)	5.5	(1.5)	38.5	292.0	334.5
Balance at December 31, 2017	<u>\$ 1.2</u>	<u>\$ (1.8)</u>	<u>\$ (375.6)</u>	<u>\$ (417.4)</u>	<u>\$ (793.6)</u>

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

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Reclassifications out of AOCI during the years ended December 31, 2019, 2018 and 2017 were as follows:

AOCI COMPONENTS	LINE ITEM IN THE CONSOLIDATED STATEMENTS OF INCOME	AMOUNT RECLASSIFIED OUT OF AOCI		
		2019	2018	2017
Unrealized losses and (gains) on derivative contracts:				
<i>Truck, Parts and Other</i>				
Foreign-exchange contracts	Net sales and revenues	\$ 21.2	\$ 5.4	\$ 12.1
	Cost of sales and revenues	(4.1)	(6.6)	3.9
	Interest and other (income), net	2.1	(1.6)	1.8
<i>Financial Services</i>				
Interest-rate contracts	Interest and other borrowing expenses	32.5	(118.7)	115.6
	Pre-tax expense increase (reduction)	51.7	(121.5)	133.4
	Tax (benefit) expense	(12.0)	31.0	(36.3)
	After-tax expense increase (reduction)	39.7	(90.5)	97.1
Unrealized gains on marketable debt securities:				
Marketable debt securities	Investment income	(.4)	(.2)	(.6)
	Tax expense	.1	.1	.2
	After-tax income increase	(.3)	(.1)	(.4)
Unrealized losses on pension plans:				
<i>Truck, Parts and Other</i>				
Actuarial loss	Interest and other (income), net	20.5	35.3	25.4
Prior service costs	Interest and other (income), net	1.4	1.4	1.2
	Pre-tax expense increase	21.9	36.7	26.6
	Tax benefit	(5.0)	(8.7)	(8.5)
	After-tax expense increase	16.9	28.0	18.1
Total reclassifications out of AOCI		<u>\$ 56.3</u>	<u>\$ (62.6)</u>	<u>\$ 114.8</u>

Other Capital Stock Changes: The Company purchased and retired treasury shares of 1.7, 5.8 and nil million in 2019, 2018 and 2017, respectively.

P. DERIVATIVE FINANCIAL INSTRUMENTS

As part of its risk management strategy, the Company enters into derivative contracts to hedge against interest rate and foreign currency risk.

Interest-Rate Contracts: The Company enters into various interest-rate contracts, including interest-rate swaps and cross currency interest-rate swaps. Interest-rate swaps involve the exchange of fixed for floating rate or floating for fixed rate interest payments based on the contractual notional amounts in a single currency. Cross currency interest-rate swaps involve the exchange of notional amounts and interest payments in different currencies. The Company is exposed to interest-rate and exchange-rate risk caused by market volatility as a result of its borrowing activities. The objective of these contracts is to mitigate the fluctuations on earnings, cash flows and fair value of borrowings. Net amounts paid or received are reflected as adjustments to interest expense.

At December 31, 2019, the notional amount of the Company's interest-rate contracts was \$3,196.7. Notional maturities for all interest-rate contracts are \$612.2 for 2020, \$1,200.3 for 2021, \$864.4 for 2022, \$286.8 for 2023, \$151.9 for 2024 and \$81.1 thereafter.

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Foreign-Exchange Contracts: The Company enters into foreign-exchange contracts to hedge certain anticipated transactions and assets and liabilities denominated in foreign currencies, particularly the Canadian dollar, the euro, the British pound, the Australian dollar, the Brazilian real and the Mexican peso. The objective is to reduce fluctuations in earnings and cash flows associated with changes in foreign currency exchange rates. The Company enters into foreign-exchange contracts as net investment hedges to reduce the foreign currency exposure from its investments in foreign subsidiaries. At December 31, 2019, the notional amount of the outstanding foreign-exchange contracts was \$1,035.1. Foreign-exchange contracts mature within one year.

The following table presents the balance sheet classification, fair value, gross and pro forma net amounts of derivative financial instruments:

<i>At December 31,</i>	2019		2018	
	ASSETS	LIABILITIES	ASSETS	LIABILITIES
Derivatives designated under hedge accounting:				
<i>Interest-rate contracts:</i>				
Financial Services:				
Other assets	\$ 45.8		\$ 84.5	
Deferred taxes and other liabilities		\$ 31.0		\$ 18.5
<i>Foreign-exchange contracts:</i>				
Truck, Parts and Other:				
Other current assets	10.1		8.9	
Accounts payable, accrued expenses and other		9.2		4.2
	\$ 55.9	\$ 40.2	\$ 93.4	\$ 22.7
Derivatives not designated as hedging instruments:				
<i>Foreign-exchange contracts:</i>				
Truck, Parts and Other:				
Other current assets	\$.4		\$.4	
Accounts payable, accrued expenses and other		\$ 1.8		\$.9
Financial Services:				
Other assets			.9	
Deferred taxes and other liabilities		2.3		1.0
	\$.4	\$ 4.1	\$ 1.3	\$ 1.9
Gross amounts recognized in Balance Sheet	\$ 56.3	\$ 44.3	\$ 94.7	\$ 24.6
Less amounts not offset in financial instruments:				
Truck, Parts and Other:				
Foreign-exchange contracts	(.4)	(.4)	(.9)	(.9)
Financial Services:				
Interest-rate contracts	(8.6)	(8.6)	(3.9)	(3.9)
Pro forma net amount	\$ 47.3	\$ 35.3	\$ 89.9	\$ 19.8

The following table presents the amount of expense (income) from derivative financial instruments recognized in the Consolidated Statements of Income:

<i>Year Ended December 31,</i>	2019	2018	2017
Truck, Parts and Other:			
Cash flow hedges	\$ 19.2	\$ (2.8)	\$ 17.8
Net investment hedge	4.6		
Total	\$ 23.8	\$ (2.8)	\$ 17.8
Financial Services:			
Fair value hedges	1.5	1.8	.8
Cash flow hedges	32.5	(118.7)	115.6
Total	\$ 34.0	\$ (116.9)	\$ 116.4

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Fair Value Hedges

Changes in the fair value of derivatives designated as fair value hedges are recorded in earnings together with the changes in fair value of the hedged item attributable to the risk being hedged. The following table presents the amounts recorded on the Consolidated Balance Sheets related to cumulative basis adjustments for fair value hedges:

<i>At December 31,</i>	2019	2018
Financial Services		
Term notes:		
Carrying amount of hedged liabilities	\$ 90.5	\$ 188.7
Cumulative basis adjustment included in the carrying amount	(0.5)	(1.3)

The above table excludes the cumulative basis adjustments on discounted hedge relationships of \$(1.5) and \$(2.9) as of December 31, 2019 and 2018, respectively.

Cash Flow Hedges

Substantially all of the Company's interest-rate contracts and some foreign-exchange contracts have been designated as cash flow hedges. Changes in the fair value of derivatives designated as cash flow hedges are recorded in AOCI. Amounts in AOCI are reclassified into net income in the same period in which the hedged transaction affects earnings. The maximum length of time over which the Company is hedging its exposure to the variability in future cash flows is 8.5 years.

The following table presents the pre-tax effects of derivative instruments recognized in other comprehensive income (loss) (OCI):

<i>Year Ended December 31,</i>	2019		2018		2017	
	INTEREST- RATE CONTRACTS	FOREIGN- EXCHANGE CONTRACTS	INTEREST- RATE CONTRACTS	FOREIGN- EXCHANGE CONTRACTS	INTEREST- RATE CONTRACTS	FOREIGN- EXCHANGE CONTRACTS
(Loss) gain recognized in OCI:						
Truck, Parts and Other		\$ (31.7)		\$ 4.5		\$ (17.4)
Financial Services	\$ (44.4)		\$ 117.1		\$ (108.1)	
	<u>\$ (44.4)</u>	<u>\$ (31.7)</u>	<u>\$ 117.1</u>	<u>\$ 4.5</u>	<u>\$ (108.1)</u>	<u>\$ (17.4)</u>

The amount of gain recorded in AOCI at December 31, 2019 that is estimated to be reclassified into earnings in the following 12 months if interest rates and exchange rates remain unchanged is approximately \$2.7, net of taxes. The fixed interest earned on finance receivables will offset the amount recognized in interest expense, resulting in a stable interest margin consistent with the Company's risk management strategy.

The amount of gains or losses reclassified out of AOCI into net income based on the probability that the original forecasted transactions would not occur was nil for the years ended December 31, 2019, 2018 and 2017.

Net Investment Hedges

Changes in the fair value of derivatives designated as net investment hedges are recorded in AOCI as an adjustment to the Cumulative Translation Adjustment (CTA). At December 31, 2019, the notional amount of the outstanding net investment hedges was \$348.2. For the year ended December 31, 2019, the pre-tax gain recognized in OCI for the net investment hedges was \$5.3.

Derivatives Not Designated As Hedging Instruments

For other risk management purposes, the Company enters into derivative instruments that do not qualify for hedge accounting. These derivative instruments are used to mitigate the risk of market volatility arising from borrowings and foreign currency denominated transactions. Changes in the fair value of derivatives not designated as hedging instruments are recorded in earnings in the period in which the change occurs.

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The expense (income) recognized in earnings related to derivatives not designated as hedging instruments was as follows:

<i>Year Ended December 31,</i>	2019		2018		2017	
	INTEREST- RATE CONTRACTS	FOREIGN- EXCHANGE CONTRACTS	INTEREST- RATE CONTRACTS	FOREIGN- EXCHANGE CONTRACTS	INTEREST- RATE CONTRACTS	FOREIGN- EXCHANGE CONTRACTS
Truck, Parts and Other:						
Cost of sales and revenues	\$.5	\$	(.3)	\$.3
Interest and other (income), net		5.4		6.9		2.1
Financial Services:						
Interest and other borrowing expenses		(10.1)		(14.9)	\$	(.1) 49.1
Selling, general and administrative		.1		1.7		.5
	\$	(4.1)	\$	(6.6)	\$	(.1) \$ 52.0

Q. FAIR VALUE MEASUREMENTS

Fair value represents the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Inputs to valuation techniques used to measure fair value are either observable or unobservable. These inputs have been categorized into the fair value hierarchy described below.

Level 1 – Valuations are based on quoted prices that the Company has the ability to obtain in actively traded markets for identical assets or liabilities. Since valuations are based on quoted prices that are readily and regularly available in an active market or exchange traded market, valuation of these instruments does not require a significant degree of judgment.

Level 2 – Valuations are based on quoted prices for similar instruments in active markets, quoted prices for identical or similar instruments in markets that are not active, and model-based valuation techniques for which all significant assumptions are observable in the market.

Level 3 – Valuations are based on model-based techniques for which some or all of the assumptions are obtained from indirect market information that is significant to the overall fair value measurement and which require a significant degree of management judgment.

There were no transfers of assets or liabilities between Level 1 and Level 2 of the fair value hierarchy during the year ended December 31, 2019. The Company's policy is to recognize transfers between levels at the end of the reporting period.

The Company uses the following methods and assumptions to measure fair value for assets and liabilities subject to recurring fair value measurements.

Marketable Securities: The Company's marketable debt securities consist of municipal bonds, government obligations, investment-grade corporate obligations, commercial paper, asset-backed securities and term deposits. The fair value of U.S. government obligations is determined using the market approach and is based on quoted prices in active markets and are categorized as Level 1.

The fair value of U.S. government agency obligations, non-U.S. government bonds, municipal bonds, corporate bonds, asset-backed securities, commercial paper and term deposits is determined using the market approach and is primarily based on matrix pricing as a practical expedient which does not rely exclusively on quoted prices for a specific security. Significant inputs used to determine fair value include interest rates, yield curves, credit rating of the security and other observable market information and are categorized as Level 2.

Derivative Financial Instruments: The Company's derivative contracts consist of interest-rate swaps, cross currency swaps and foreign currency exchange contracts. These derivative contracts are traded over the counter and their fair value is determined using industry standard valuation models, which are based on the income approach (i.e., discounted cash flows). The significant observable inputs into the valuation models include interest rates, yield curves, currency exchange rates, credit default swap spreads and forward rates and are categorized as Level 2.

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Assets and Liabilities Subject to Recurring Fair Value Measurement

The Company's assets and liabilities subject to recurring fair value measurements are either Level 1 or Level 2 as follows:

<i>At December 31, 2019</i>	LEVEL 1	LEVEL 2	TOTAL
Assets:			
Marketable debt securities			
U.S. tax-exempt securities		\$ 320.2	\$ 320.2
U.S. corporate securities		165.7	165.7
U.S. government and agency securities	\$ 128.4	.9	129.3
Non-U.S. corporate securities		349.8	349.8
Non-U.S. government securities		72.4	72.4
Other debt securities		124.7	124.7
Total marketable debt securities	\$ 128.4	\$ 1,033.7	\$ 1,162.1
Derivatives			
Cross currency swaps		\$ 43.8	\$ 43.8
Interest-rate swaps		2.0	2.0
Foreign-exchange contracts		10.5	10.5
Total derivative assets		\$ 56.3	\$ 56.3
Liabilities:			
Derivatives			
Cross currency swaps		\$ 13.5	\$ 13.5
Interest-rate swaps		17.5	17.5
Foreign-exchange contracts		13.3	13.3
Total derivative liabilities		\$ 44.3	\$ 44.3
<i>At December 31, 2018</i>	LEVEL 1	LEVEL 2	TOTAL
Assets:			
Marketable debt securities			
U.S. tax-exempt securities		\$ 325.1	\$ 325.1
U.S. corporate securities		147.4	147.4
U.S. government and agency securities	\$ 97.1	1.6	98.7
Non-U.S. corporate securities		271.3	271.3
Non-U.S. government securities		55.9	55.9
Other debt securities		122.0	122.0
Total marketable debt securities	\$ 97.1	\$ 923.3	\$ 1,020.4
Derivatives			
Cross currency swaps		\$ 75.4	\$ 75.4
Interest-rate swaps		9.1	9.1
Foreign-exchange contracts		10.2	10.2
Total derivative assets		\$ 94.7	\$ 94.7
Liabilities:			
Derivatives			
Cross currency swaps		\$ 11.2	\$ 11.2
Interest-rate swaps		7.3	7.3
Foreign-exchange contracts		6.1	6.1
Total derivative liabilities		\$ 24.6	\$ 24.6

Fair Value Disclosure of Other Financial Instruments

For financial instruments that are not recognized at fair value, the Company uses the following methods and assumptions to determine the fair value. These instruments are categorized as Level 2, except cash which is categorized as Level 1 and fixed rate loans which are categorized as Level 3.

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Cash and Cash Equivalents: Carrying amounts approximate fair value.

Financial Services Net Receivables: For floating-rate loans, wholesale financing, and operating lease and other trade receivables, carrying values approximate fair values. For fixed rate loans, fair values are estimated using the income approach by discounting cash flows to their present value based on assumptions regarding the credit and market risks to approximate current rates for comparable loans. Finance lease receivables and related allowance for credit losses have been excluded from the accompanying table.

Debt: The carrying amounts of financial services commercial paper, variable rate bank loans and variable rate term notes approximate fair value. For fixed rate debt, fair values are estimated using the income approach by discounting cash flows to their present value based on current rates for comparable debt.

The Company's estimate of fair value for fixed rate loans and debt that are not carried at fair value was as follows:

<u>At December 31,</u>	<u>2019</u>		<u>2018</u>	
	<u>CARRYING AMOUNT</u>	<u>FAIR VALUE</u>	<u>CARRYING AMOUNT</u>	<u>FAIR VALUE</u>
<i>Assets:</i>				
Financial Services fixed rate loans	\$ 4,914.4	\$ 4,992.2	\$ 4,265.4	\$ 4,269.5
<i>Liabilities:</i>				
Financial Services fixed rate debt	5,925.9	5,990.7	5,419.2	5,396.4

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions, except per share data)

R. STOCK COMPENSATION PLANS

PACCAR has certain plans under which officers and key employees may be granted options to purchase shares of the Company's authorized but unissued common stock under plans approved by stockholders. Non-employee directors and certain officers may be granted restricted shares of the Company's common stock under plans approved by stockholders. Options outstanding under these plans were granted with exercise prices equal to the fair market value of the Company's common stock at the date of grant. Options expire no later than ten years from the grant date and generally vest after three years. Restricted stock awards generally vest over three years or earlier upon meeting certain age and service requirements.

The Company recognizes compensation cost on these options and restricted stock awards on a straight-line basis over the requisite period the employee is required to render service less estimated forfeitures based on historical experience. The maximum number of shares of the Company's common stock authorized for issuance under these plans is 46.7 million shares, and as of December 31, 2019, the maximum number of shares available for future grants was 12.5 million.

The estimated fair value of each option award is determined on the date of grant using the Black-Scholes-Merton option pricing model that uses assumptions noted in the following table. The risk-free interest rate is based on the U.S. Treasury yield curve in effect at the time of grant. Expected volatility is based on historical volatility. The dividend yield is based on an estimated future dividend yield using projected net income for the next five years, implied dividends and Company stock price. The expected term is based on the period of time that options granted are expected to be outstanding based on historical experience.

	2019	2018	2017
Risk-free interest rate	2.55%	2.64%	1.97%
Expected volatility	23%	23%	23%
Expected dividend yield	4.9%	3.8%	3.1%
Expected term	6 years	6 years	5 years
Weighted average grant date fair value of options per share	\$ 8.26	\$ 10.67	\$ 10.56

The fair value of options granted was \$7.3, \$6.3 and \$6.4 for the years ended December 31, 2019, 2018 and 2017, respectively. The fair value of options vested during the years ended December 31, 2019, 2018 and 2017 was \$5.8, \$5.3 and \$5.2, respectively.

A summary of activity under the Company's stock plans is presented below:

	2019	2018	2017
Intrinsic value of options exercised	\$ 31.9	\$ 13.4	\$ 22.0
Cash received from stock option exercises	60.9	19.7	40.0
Tax benefit related to stock award exercises	3.8	2.4	4.9
Stock-based compensation	15.1	13.2	12.7
Tax benefit related to stock-based compensation	1.9	1.9	4.6

The summary of options as of December 31, 2019 and changes during the year then ended are presented below:

	NUMBER OF SHARES	PER SHARE EXERCISE PRICE*	REMAINING CONTRACTUAL LIFE IN YEARS*	AGGREGATE INTRINSIC VALUE
Options outstanding at January 1	4,090,900	\$ 55.32		
Granted	883,600	65.56		
Exercised	(1,288,800)	47.47		
Cancelled	(197,400)	66.60		
Options outstanding at December 31	3,488,300	\$ 60.18	6.22	\$ 66.0
Vested and expected to vest	3,401,100	\$ 60.01	6.15	\$ 64.9
Exercisable	1,792,800	\$ 53.71	4.28	\$ 45.5

* Weighted Average

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions, except per share data)

The fair value of restricted shares is determined based upon the stock price on the date of grant. The summary of nonvested restricted shares as of December 31, 2019 and changes during the year then ended is presented below:

NONVESTED SHARES	NUMBER OF SHARES	GRANT DATE FAIR VALUE*
Nonvested awards outstanding at January 1	189,500	\$ 63.85
Granted	147,100	64.34
Vested	(186,100)	62.56
Nonvested awards outstanding at December 31	150,500	\$ 65.92

* **Weighted Average**

As of December 31, 2019, there was \$5.8 of total unrecognized compensation cost related to nonvested stock options, which is recognized over a remaining weighted average vesting period of 1.50 years. Unrecognized compensation cost related to nonvested restricted stock awards of \$2.1 is expected to be recognized over a remaining weighted average vesting period of 1.37 years.

The dilutive and antidilutive options are shown separately in the table below:

<i>Year Ended December 31,</i>	2019	2018	2017
Additional shares	621,300	785,100	1,038,400
Antidilutive options	1,489,400	1,176,600	696,400

S. SEGMENT AND RELATED INFORMATION

PACCAR operates in three principal segments: Truck, Parts and Financial Services. The Company evaluates the performance of its Truck and Parts segments based on operating profits, which excludes investment income, other income and expense, and income taxes. The Financial Services segment's performance is evaluated based on income before income taxes. Geographic revenues from external customers are presented based on the country of the customer. The accounting policies of the reportable segments are the same as those applied in the consolidated financial statements as described in Note A.

Truck and Parts: The Truck segment includes the design and manufacture of high-quality, light-, medium- and heavy-duty commercial trucks and the Parts segment includes the distribution of aftermarket parts for trucks and related commercial vehicles, both of which are sold through the same network of independent dealers. These segments derive a large proportion of their revenues and operating profits from operations in North America and Europe. The Truck segment incurs substantial costs to design, manufacture and sell trucks to its customers. The sale of new trucks provides the Parts segment with the basis for parts sales that may continue over the life of the truck, but are generally concentrated in the first five years after truck delivery. To reflect the benefit the Parts segment receives from costs incurred by the Truck segment, certain expenses are allocated from the Truck segment to the Parts segment. The expenses allocated are based on a percentage of the average annual expenses for factory overhead, engineering, research and development and SG&A expenses for the preceding five years. The allocation is based on the ratio of the average parts direct margin dollars (net sales less material and labor costs) to the total truck and parts direct margin dollars for the previous five years. The Company believes such expenses have been allocated on a reasonable basis. Truck segment assets related to the indirect expense allocation are not allocated to the Parts segment.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions)

Financial Services: The Financial Services segment derives its earnings primarily from financing or leasing of PACCAR products and services provided to truck customers and dealers. Revenues are primarily generated from operations in North America and Europe.

In Europe, the Financial Services and Truck segments centralized the marketing of used trucks, including those units sold by the Truck segment subject to an RVG. Beginning in the fourth quarter of 2019, when a customer returns the truck at the end of the RVG contract, the Company's Truck segment records a reduction in an RVG liability and the Company's Financial Services segment records a used truck asset and revenue from the subsequent sale. Certain gains and losses from the sale of these used trucks are shared with the Truck segment. Revenue from the sale of used trucks from the Truck segment in Europe in prior periods are immaterial.

Other: Included in Other is the Company's industrial winch manufacturing business as well as sales, income and expense not attributable to a reportable segment. Other also includes non-service cost components of pension expense and a portion of corporate expenses. Intercompany interest income (expense) on cash advances to the financial services companies is included in Other and was \$.3, \$(.3) and nil for 2019, 2018 and 2017, respectively.

<i>Geographic Area Data</i>	2019	2018	2017
Net sales and revenues:			
United States	\$ 15,119.3	\$ 13,165.7	\$ 10,530.1
Europe	6,104.7	6,071.9	5,354.6
Other	4,375.7	4,258.1	3,571.7
	<u>\$ 25,599.7</u>	<u>\$ 23,495.7</u>	<u>\$ 19,456.4</u>
Property, plant and equipment, net:			
United States	\$ 1,556.4	\$ 1,353.8	\$ 1,238.1
The Netherlands	399.8	397.8	464.5
Belgium	395.7	237.4	259.7
Other	531.9	491.9	502.1
	<u>\$ 2,883.8</u>	<u>\$ 2,480.9</u>	<u>\$ 2,464.4</u>
Equipment on operating leases, net:			
United States	\$ 1,390.1	\$ 1,405.1	\$ 1,530.8
Germany	358.3	361.0	385.1
Mexico	320.5	306.4	316.1
France	315.0	246.8	210.7
Spain	276.1	249.8	207.6
Poland	272.8	237.9	172.8
United Kingdom	113.6	130.3	343.1
Other	601.7	704.3	975.8
	<u>\$ 3,648.1</u>	<u>\$ 3,641.6</u>	<u>\$ 4,142.0</u>

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

December 31, 2019, 2018 and 2017 (currencies in millions)

<i>Business Segment Data</i>	2019	2018	2017
Net sales and revenues:			
Truck	\$ 20,403.5	\$ 18,863.1	\$ 15,543.7
Less intersegment	(414.0)	(676.1)	(768.9)
External customers	19,989.5	18,187.0	14,774.8
Parts	4,073.1	3,896.2	3,380.2
Less intersegment	(48.2)	(57.3)	(53.2)
External customers	4,024.9	3,838.9	3,327.0
Other	105.3	112.7	85.7
	<u>24,119.7</u>	<u>22,138.6</u>	<u>18,187.5</u>
Financial Services	1,480.0	1,357.1	1,268.9
	<u>\$ 25,599.7</u>	<u>\$ 23,495.7</u>	<u>\$ 19,456.4</u>
Income (loss) before income taxes:			
Truck	\$ 1,904.9	\$ 1,672.1	\$ 1,253.8
Parts	830.8	768.6	610.0
Other	(17.7)	2.7	12.5
	<u>2,718.0</u>	<u>2,443.4</u>	<u>1,876.3</u>
Financial Services	298.9	305.9	261.7
Investment income	82.3	60.9	35.3
	<u>\$ 3,099.2</u>	<u>\$ 2,810.2</u>	<u>\$ 2,173.3</u>
Depreciation and amortization:			
Truck	\$ 381.9	\$ 406.2	\$ 468.2
Parts	10.2	9.2	8.1
Other	20.3	18.4	18.1
	<u>412.4</u>	<u>433.8</u>	<u>494.4</u>
Financial Services	664.9	620.3	613.1
	<u>\$ 1,077.3</u>	<u>\$ 1,054.1</u>	<u>\$ 1,107.5</u>
Expenditures for long-lived assets:			
Truck	\$ 664.9	\$ 778.5	\$ 769.7
Parts	46.2	29.4	23.4
Other	51.0	38.8	54.0
	<u>762.1</u>	<u>846.7</u>	<u>847.1</u>
Financial Services	1,378.6	1,085.1	1,008.0
	<u>\$ 2,140.7</u>	<u>\$ 1,931.8</u>	<u>\$ 1,855.1</u>
Segment assets:			
Truck	\$ 5,609.0	\$ 5,347.3	\$ 5,159.7
Parts	1,172.1	1,090.9	950.7
Other	339.2	345.0	505.6
Cash and marketable securities	5,169.4	4,299.6	3,621.9
	<u>12,289.7</u>	<u>11,082.8</u>	<u>10,237.9</u>
Financial Services	16,071.4	14,399.6	13,202.3
	<u>\$ 28,361.1</u>	<u>\$ 25,482.4</u>	<u>\$ 23,440.2</u>

**MANAGEMENT’S REPORT ON INTERNAL CONTROL OVER
FINANCIAL REPORTING**

The management of PACCAR Inc (the Company) is responsible for establishing and maintaining adequate internal control over financial reporting. Internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles.

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

Management assessed the Company’s internal control over financial reporting as of December 31, 2019, based on criteria for effective internal control over financial reporting described in Internal Control–Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework). Based on this assessment, management concluded that the Company maintained effective internal control over financial reporting as of December 31, 2019.

Ernst & Young LLP, the Independent Registered Public Accounting Firm that audited the financial statements included in this Annual Report, has issued an attestation report on the Company’s internal control over financial reporting. The attestation report is included on page 74.

R. Preston Feight
Chief Executive Officer

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Stockholders and the Board of Directors of PACCAR Inc

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of PACCAR Inc (the Company) as of December 31, 2019 and 2018, the related consolidated statements of income, comprehensive income, stockholders' equity and cash flows for each of the three years in the period ended December 31, 2019, and the related notes (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements present fairly, in all material respects, the financial position of the Company at December 31, 2019 and 2018, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2019, in conformity with U.S. generally accepted accounting principles.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2019, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) and our report dated February 19, 2020, expressed an unqualified opinion thereon.

Basis for Opinion

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

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

Critical Audit Matter

The critical audit matter communicated below is a matter arising from the current period audit of the financial statements that was communicated or required to be communicated to the audit committee and that: (1) relates to accounts or disclosures that are material to the financial statements and (2) involved our especially challenging, subjective or complex judgments. The communication of the critical audit matter does not alter in any way our opinion on the consolidated financial statements, taken as a whole, and we are not, by communicating the critical audit matter below, providing a separate opinion on the critical audit matter or on the accounts or disclosures to which it relates.

Product Warranty

Description of the Matter The Company's liability for product warranty totaled \$440 million at December 31, 2019. As discussed in Note A of the consolidated financial statements, the Company's liability for product warranty is estimated and recorded at the time products are sold based on historical and current data and reasonable expectations for the future regarding the frequency and cost of warranty claims, net of recoveries. The Company periodically assesses the adequacy of its recorded liabilities and adjusts them as appropriate to reflect actual experience.

Auditing the Company's liability for product warranty is complex due to the significant measurement uncertainty associated with the estimate and the application of significant management judgment, including the inputs used to estimate the number of and cost of future warranty claims. In addition, management formulates an estimate of recoveries from suppliers.

How We Addressed the Matter in Our Audit To evaluate the liability for product warranty, our audit procedures included, among others, testing the completeness and accuracy of the underlying claims, supplier recovery data and evaluating the methodologies and assumptions used in the warranty accrual calculation. We also assessed the historical accuracy of management's estimates through a hindsight analysis. We evaluated and tested the design and operating effectiveness of internal controls over the warranty reserve process, including management's assessment of the assumptions and data underlying the reserve.

/s/ Ernst & Young LLP

We have served as the Company's auditor since 1945

Seattle, Washington
February 19, 2020

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Stockholders and the Board of Directors of PACCAR Inc

Opinion on Internal Control Over Financial Reporting

We have audited PACCAR Inc's internal control over financial reporting as of December 31, 2019, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). In our opinion, PACCAR Inc (the Company) maintained, in all material respects, effective internal control over financial reporting as of December 31, 2019, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated balance sheets of the Company as of December 31, 2019 and 2018, the related consolidated statements of income, comprehensive income, stockholders' equity and cash flows for each of the three years in the period ended December 31, 2019, and the related notes and our report dated February 19, 2020, expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control Over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

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

/s/ Ernst & Young LLP

Seattle, Washington
February 19, 2020

QUARTERLY RESULTS (UNAUDITED)

	QUARTER			
	FIRST	SECOND	THIRD	FOURTH
	<i>(millions except per share data)</i>			
2019				
Truck, Parts and Other:				
Net sales and revenues	\$ 6,138.1	\$ 6,266.5	\$ 6,004.2	\$ 5,710.9
Cost of sales and revenues	5,217.1	5,341.7	5,106.8	4,890.0
Research and development	78.3	82.5	82.2	83.6
Financial Services:				
Revenues	349.5	361.4	362.8	406.3
Interest and other borrowing expenses	53.4	60.0	59.6	57.5
Depreciation and other expenses	177.4	183.6	195.3	241.9
Net Income	629.0	619.7	607.9	531.3
Net Income Per Share:				
Basic	\$ 1.81	\$ 1.79	\$ 1.75	\$ 1.53
Diluted	1.81	1.78	1.75	1.53
2018				
Truck, Parts and Other:				
Net sales and revenues	\$ 5,321.8	\$ 5,467.2	\$ 5,416.9	\$ 5,932.7
Cost of sales and revenues	4,535.5	4,647.3	4,653.6	5,088.6
Research and development	76.0	76.7	72.9	80.5
Financial Services:				
Revenues	332.2	338.0	339.9	347.0
Interest and other borrowing expenses	41.3	45.7	49.0	50.9
Depreciation and other expenses	186.4	185.5	178.5	177.6
Net Income	512.1	559.6	545.3	578.1
Net Income Per Share:				
Basic	\$ 1.45	\$ 1.59	\$ 1.55	\$ 1.66
Diluted	1.45	1.59	1.55	1.65

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE.

The registrant has not had any disagreements with its independent auditors on accounting or financial disclosure matters.

ITEM 9A. CONTROLS AND PROCEDURES.

Disclosure Controls and Procedures.

The Company's management, with the participation of the Principal Executive Officer and Principal Financial Officer, conducted an evaluation of the effectiveness of the Company's disclosure controls and procedures (as defined in Exchange Act Rule 13a-15(e)) as of the end of the period covered by this report. Based on that evaluation, the Principal Executive Officer and Principal Financial Officer concluded that the Company's disclosure controls and procedures were effective as of the end of the period covered by this report.

Management's Report on Internal Control over Financial Reporting.

Management's Report on Internal Control over Financial Reporting on page 72 and Report of Independent Registered Public Accounting Firm on the Company's internal control over financial reporting on page 74 for the year ended December 31, 2019, are included in this Form 10-K.

There have been no changes in the Company's internal controls over financial reporting during the fourth quarter of 2019 that have materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

ITEM 9B. OTHER INFORMATION.

Not applicable.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE.

Item 401(a), (d), and (e) of Regulation S-K:

The following information is included in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference:

Identification of directors, family relationships, and business experience is included under the caption “ITEM 1: ELECTION OF DIRECTORS.”

Item 401(b) of Regulation S-K:

Executive Officers of the registrant as of February 19, 2020:

Name and Age	Present Position and Other Position(s) Held During Last Five Years
Mark C. Pigott (66)	Executive Chairman of the Board of Directors since April 2014; Chairman and Chief Executive Officer from 1997 to April 2014. Mr. Pigott is the brother of John M. Pigott, a director of the Company.
R. Preston Feight (52)	Chief Executive Officer since July 2019; Executive Vice President September 2018 to June 2019; Vice President of PACCAR and President of DAF Trucks N.V. from April 2016 to August 2018; Vice President and General Manager, Kenworth from January 2015 to April 2016.
Harrie C.A.M. Schippers (57)	President and Chief Financial Officer since January 2018; Executive Vice President and Chief Financial Officer from February 2017 to December 2017; Senior Vice President from April 2016 to February 2017; Vice President of PACCAR and President of DAF Trucks N.V. from April 2010 to April 2016.
Gary L. Moore (64)	Executive Vice President since January 2016; Senior Vice President from January 2015 to December 2015.
Michael T. Barkley (64)	Senior Vice President and Controller since January 2016; Vice President and Controller from January 2007 to December 2015.
T. Kyle Quinn (58)	Senior Vice President and Chief Technology Officer since April 2018; Senior Vice President and General Manager, Peterbilt from January 2017 to March 2018; Senior Vice President from January 2016 to January 2017; Senior Vice President and Chief Information Officer from January 2014 to December 2015.
Darrin C. Siver (53)	Senior Vice President since January 2017; Vice President and General Manager, Peterbilt from June 2013 to December 2016.
Kevin D. Baney (49)	Vice President of PACCAR and General Manager of Kenworth Truck Company since August 2019; Assistant General Manager – Sales and Marketing, Kenworth from January 2017 to July 2019; Kenworth Chief Engineer from March 2012 to December 2016.
David J. Danforth (59)	Vice President of PACCAR and General Manager, PACCAR Parts since 2014.
Marco A. Davila (61)	Vice President since March 2015; General Manager, DAF Caminhões Brasil Indústria Ltda. from June 2011 to February 2015.
C. Michael Dozier (54)	Senior Vice President since January 2020; Vice President of PACCAR from August 2019 to December 2019; Vice President of PACCAR and General Manager, Kenworth from April 2016 to July 2019; Managing Director, PACCAR Australia from April 2013 to March 2016.
Douglas S. Grandstaff (59)	Vice President and General Counsel since November 2017; Vice President and General Counsel , Professional Instrumentation at Fortive Corporation from July 2016 to October 2017; Vice President and General Counsel, Test and Measurement at Danaher Corporation from November 2011 to June 2016.
Todd R. Hubbard (57)	Vice President, Global Financial Services since February 2019; President, PACCAR Financial Corp. from April 2011 to January 2019.
Jack K. LeVier (60)	Vice President, Human Resources since June 2007.
A. Lily Ley (54)	Vice President and Chief Information Officer since January 2017; General Manager and Chief Information Officer from January 2016 to December 2016; Assistant General Manager - Global Applications, Information Technology Division (ITD) from January 2015 to December 2015.
Jason P. Skoog (48)	Vice President of PACCAR and General Manager of Peterbilt since April 2018; Assistant General Manager – Operations, Kenworth from January 2017 to March 2018; Assistant General Manager – Sales and Marketing, Kenworth from January 2015 to December 2016.
Harry M.B. Wolters (49)	Vice President of PACCAR and President of DAF Trucks N.V. since September 2018; European Sales Director, DAF Trucks, from October 2017 to August 2018; Operations Director, DAF Trucks from October 2014 to September 2017.

Officers are elected annually but may be appointed or removed on interim dates.

Item 405 of Regulation S-K:

The information required by this item is included in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference.

Item 406 of Regulation S-K:

The Company has adopted a Code of Ethics applicable to the registrant's senior financial officers including the Chief Executive Officer and Chief Financial Officer. The Company, in accordance with Item 406 of Regulation S-K, has posted this Code of Ethics on its website at www.paccar.com. The Company intends to disclose on its website any amendments to, or waivers from, its Code of Ethics that are required to be publicly disclosed pursuant to the rules of the Securities and Exchange Commission. The information on the Company's website is not incorporated by reference into this report.

Item 407(d)(4) and 407(d)(5) of Regulation S-K:

The following information is included in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference:

- Identification of the audit committee is included under the caption "THE AUDIT COMMITTEE."
- Identification of audit committee financial experts is included under the caption "AUDIT COMMITTEE REPORT."

ITEM 11. EXECUTIVE COMPENSATION.

The following information is included in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference:

- Compensation of Directors is included under the caption "COMPENSATION OF DIRECTORS."
- Compensation of Executive Officers and Related Matters is included under the caption "COMPENSATION OF EXECUTIVE OFFICERS."
- Compensation Committee Report is under the caption "COMPENSATION COMMITTEE REPORT."

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS.

Stock ownership information is included under the captions "STOCK OWNERSHIP OF CERTAIN BENEFICIAL OWNERS" and "STOCK OWNERSHIP OF DIRECTORS AND EXECUTIVE OFFICERS" in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference.

Information regarding equity compensation plans required by Regulation S-K Item 201(d) is provided in Item 5 of this Form 10-K.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE.

No transactions with management and others as defined by Item 404 of Regulation S-K occurred in 2019.

Information concerning director independence is included under the caption "BOARD GOVERNANCE" in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES.

Principal accounting fees and services information is included under the caption "INDEPENDENT AUDITORS" in the proxy statement for the annual stockholders meeting of April 21, 2020 and is incorporated herein by reference.

PART IV

ITEM 15. EXHIBITS, FINANCIAL STATEMENT SCHEDULES.

(a) (1) Listing of financial statements

The following consolidated financial statements of PACCAR Inc are included in Item 8:

Consolidated Statements of Income
— Years Ended December 31, 2019, 2018 and 2017

Consolidated Statements of Comprehensive Income
— Years Ended December 31, 2019, 2018 and 2017

Consolidated Balance Sheets
— December 31, 2019 and 2018

Consolidated Statements of Cash Flows
— Years Ended December 31, 2019, 2018 and 2017

Consolidated Statements of Stockholders' Equity
— Years Ended December 31, 2019, 2018 and 2017

Notes to Consolidated Financial Statements
— December 31, 2019, 2018 and 2017

(2) Listing of financial statement schedules

All schedules are omitted because the required matter or conditions are not present or because the information required by the schedules is submitted as part of the consolidated financial statements and notes thereto.

(3) Listing of Exhibits (in order of assigned index numbers):

Exhibit Number	Exhibit Description	Form	Date of First Filing	Exhibit Number	File Number
(3) (i)	Articles of Incorporation: Amended and Restated Certificate of Incorporation of PACCAR Inc	8-K	May 4, 2018	3(i)	001-14817
(ii)	Bylaws: Sixth Amended and Restated Bylaws of PACCAR Inc	8-K	December 7, 2018	3(ii)	001-14817
(4)	Instruments defining the rights of security holders, including indentures**:				
(a)	Indenture for Senior Debt Securities dated as of November 20, 2009 between PACCAR Financial Corp. and The Bank of New York Mellon Trust Company, N.A.	S-3	November 20, 2009	4.1	333-163273
(b)	Forms of Medium-Term Note, Series N (PACCAR Financial Corp.)	S-3	November 7, 2012	4.2 and 4.3	333-184808
(c)	Forms of Medium-Term Note, Series O (PACCAR Financial Corp.)	S-3	November 5, 2015	4.2 and 4.3	333-207838
(d)	Forms of Medium-Term Note, Series P (PACCAR Financial Corp.)	S-3	November 2, 2018	4.2 and 4.3	333-228141
(e)	Terms and Conditions of the Notes applicable to the €1,500,000,000 Euro Medium Term Note Programme of PACCAR Financial Europe B.V. set forth in the Base Prospectus dated May 9, 2014	10-Q	November 6, 2014	4(h)	001-14817

Exhibit Number	Exhibit Description	Form	Date of First Filing	Exhibit Number	File Number
(f)	Terms and Conditions of the Notes applicable to the €2,500,000,000 Euro Medium Term Note Programme of PACCAR Financial Europe B.V. set forth in the Listing Particulars dated May 9, 2016	10-K	February 21, 2017	4(i)	001-14817
(g)	Terms and Conditions of the Notes applicable to the €2,500,000,000 Medium Term Note Programme of PACCAR Financial Europe B.V. set forth in the Listing Particulars dated May 10, 2017	10-Q	August 4, 2017	4(h)	001-14817
(h)	Terms and Conditions of the Notes applicable to the €2,500,000,000 Medium Term Note Programme of PACCAR Financial Europe B.V. set forth in the Listing Particulars dated May 9, 2018	10-Q	August 3, 2018	4(h)	001-14817
(i)	Terms and Conditions of the Notes applicable to the €2,500,000,000 Medium Term Note Programme of PACCAR Financial Europe B.V. set forth in the Listing Particulars dated July 4, 2019	10-Q	October 30, 2019	4(i)	001-14817
(j)	Description of the Registrant's Securities Registered Pursuant to Section 12 of the Securities Exchange Act of 1934*				
**	Pursuant to the Instructions to Exhibits, certain instruments defining the rights of holders of long-term debt securities of the Company and its wholly owned subsidiaries are not filed because the total amount of securities authorized under any such instrument does not exceed 10 percent of the Company's total assets. The Company will file copies of such instruments upon request of the Commission.				
(10)	Material Contracts:				
(a)	PACCAR Inc Amended and Restated Supplemental Retirement Plan	10-K	February 27, 2009	10(a)	001-14817
(b)	Amended and Restated Deferred Compensation Plan	10-Q	May 10, 2012	10(b)	001-14817
(c)	Deferred Incentive Compensation Plan (Amended and Restated as of December 31, 2004)	10-K	February 27, 2006	10(b)	001-14817
(d)	Second Amended and Restated PACCAR Inc Restricted Stock and Deferred Compensation Plan for Non-Employee Directors	DEF14 A	March 14, 2014	Appendix A	001-14817
(e)	PACCAR Inc Restricted Stock and Deferred Compensation Plan for Non-Employee Directors, Form of Deferred Restricted Stock Unit Agreement for Non-Employee Directors	8-K	December 10, 2007	99.3	001-14817
(f)	Amendment to Compensatory Arrangement with Non-Employee Directors	10-K	February 26, 2015	10(g)	001-14817
(g)	PACCAR Inc Senior Executive Yearly Incentive Compensation Plan*				
(h)	PACCAR Inc Long Term Incentive Plan*				
(i)	Amendment One to PACCAR Inc Long Term Incentive Plan, Nonstatutory Stock Option Agreement and Form of Option Grant Agreement	10-Q	August 7, 2013	10(k)	001-14817
(j)	PACCAR Inc Long Term Incentive Plan, 2014 Form of Nonstatutory Stock Option Agreement	10-Q	August 7, 2013	10(l)	001-14817
(k)	PACCAR Inc Long Term Incentive Plan, 2016 Form of Restricted Stock Award Agreement	10-Q	August 6, 2015	10(q)	001-14817
(l)	PACCAR Inc Long Term Incentive Plan, 2018 Form of Restricted Stock Award Agreement	10-K	February 21, 2019	10(m)	001-14817
(m)	PACCAR Inc Long Term Incentive Plan, Form of Restricted Stock Unit Agreement	10-K	February 21, 2019	10(n)	001-14817

<u>Exhibit Number</u>	<u>Exhibit Description</u>	<u>Form</u>	<u>Date of First Filing</u>	<u>Exhibit Number</u>	<u>File Number</u>
(n)	PACCAR Inc Savings Investment Plan, Amendment and Restatement effective September 1, 2016	10-Q	November 4, 2016	10(q)	001-14817
(o)	Memorandum of Understanding, dated as of May 11, 2007, by and among PACCAR Engine Company, the State of Mississippi and certain state and local supporting governmental entities	8-K	May 16, 2007	10.1	001-14817
(p)	Letter Waiver Dated as of July 22, 2008 amending the Memorandum of Understanding, dated as of May 11, 2007, by and among PACCAR Engine Company, the State of Mississippi and certain state and local supporting governmental entities	10-Q	October 27, 2008	10(o)	001-14817
(q)	Second Amendment to Memorandum of Understanding dated as of September 26, 2013, by and among PACCAR Engine Company, the Mississippi Development Authority and the Mississippi Major Economic Impact Authority	10-Q	November 7, 2013	10(u)	001-14817
(r)	Third Amendment to Memorandum of Understanding dated as of November 12, 2019, by and among PACCAR Engine Company, the Mississippi Development Authority and the Mississippi Major Economic Impact Authority*				
(s)	Second Amended and Restated PACCAR Inc Restricted Stock and Deferred Compensation Plan for Non-Employee Directors, Form of Amended Deferred Restricted Stock Unit Grant Agreement	10-K	February 26, 2015	10(t)	001-14817
(t)	Second Amended and Restated PACCAR Inc Restricted Stock and Deferred Compensation Plan for Non-Employee Directors, Form of Amended Restricted Stock Grant Agreement	10-K	February 26, 2015	10(u)	001-14817
(21)	Subsidiaries of the registrant*				
(23)	Consent of the independent registered public accounting firm*				
(24)	Power of attorney – Powers of attorney of certain directors*				
(31)	Rule 13a-14(a)/15d-14(a) Certifications:				
(a)	Certification of Principal Executive Officer*				
(b)	Certification of Principal Financial Officer*				
(32)	Section 1350 Certifications:				
	Certification pursuant to rule 13a-14(b) and section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. section 1350)*				
(101.INS)	Inline XBRL Instance Document – the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.*				
(101.SCH)	Inline XBRL Taxonomy Extension Schema Document*				
(101.CAL)	Inline XBRL Taxonomy Extension Calculation Linkbase Document*				
(101.DEF)	Inline XBRL Taxonomy Extension Definition Linkbase Document*				
(101.LAB)	Inline XBRL Taxonomy Extension Label Linkbase Document*				
(101.PRE)	Inline XBRL Taxonomy Extension Presentation Linkbase Document*				
(104)	Cover Page Interactive Data File (formatted as inline XBRL and contained in Exhibit 101)*				

* filed herewith

- (b) Exhibits (Exhibits filed with the Securities and Exchange Commission are not included herein. Copies of exhibits will be furnished to stockholders at a cost of 25¢ per page upon written request addressed to Corporate Secretary, PACCAR Inc, P.O. Box 1518, Bellevue, Washington 98009).
- (c) Financial Statement Schedules – All schedules are omitted because the required matter or conditions are not present or because the information required by the schedules is submitted as part of the consolidated financial statements and notes thereto.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

PACCAR Inc
Registrant

Date: February 19, 2020

/s/ R. Preston Feight
R. Preston Feight
Chief Executive Officer

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities indicated.

<u>Signature</u>	<u>Title</u>
<u>/s/ R. P. Feight</u> R. P. Feight	Chief Executive Officer and Director (Principal Executive Officer)
<u>/s/ H. C. A. M. Schippers</u> H. C. A. M. Schippers	President and Chief Financial Officer (Principal Financial Officer)
<u>/s/ M. T. Barkley</u> M. T. Barkley	Senior Vice President and Controller (Principal Accounting Officer)
<u>/s/ M. C. Pigott</u> M. C. Pigott	Executive Chairman and Director
<u>*s/ A. J. Carnwath</u> A. J. Carnwath	Director
<u>*s/ F. L. Feder</u> F. L. Feder	Director
<u>*s/ B. E. Ford</u> B. E. Ford	Director
<u>*s/ K. S. Hachigian</u> K. S. Hachigian	Director
<u>*s/ R. C. McGeary</u> R. C. McGeary	Director
<u>*s/ J. M. Pigott</u> J. M. Pigott	Director
<u>*s/ M. A. Schulz</u> M. A. Schulz	Director
<u>*s/ G. M. E. Spierkel</u> G. M. E. Spierkel	Director
<u>*s/ C. R. Williamson</u> C. R. Williamson	Director
*By <u>/s/ M. C. Pigott</u> M. C. Pigott Attorney-in-Fact	

**DESCRIPTION OF THE REGISTRANT'S SECURITIES
REGISTERED PURSUANT TO SECTION 12 OF THE
SECURITIES EXCHANGE ACT OF 1934**

PACCAR Inc (the "Corporation") has one class of securities registered under Section 12 of the Securities Exchange Act of 1934, as amended: its Common Stock.

Description of Common Stock

The following description of PACCAR's Common Stock is a summary and does not purport to be complete. It is subject to and qualified in its entirety by reference to PACCAR's Amended and Restated Certificate of Incorporation (the "Certificate of Incorporation") and Sixth Amended and Restated Bylaws (the "Bylaws"), each of which is incorporated by reference as an exhibit to the Annual Report on Form 10-K of which this Exhibit 4(j) is a part. For additional information, you should read the Certificate of Incorporation, the Bylaws and the applicable provisions of the Delaware General Corporation Law.

Authorized Capital Shares

The Corporation is authorized to issue 1,201,000,000 shares of capital stock for all classes, consisting of 1,200,000,000 shares of common stock, \$1.00 par value per share ("Common Stock") and 1,000,000 shares of preferred stock, no par value ("Preferred Stock"). The outstanding shares of Common Stock are fully paid and nonassessable.

Voting Rights

Holders of Common Stock are entitled to one vote per share on all matters voted on by the stockholders, including the election of directors. The Common Stock does not have cumulative voting rights.

Dividend Rights

Subject to the rights of holders of outstanding shares of Preferred Stock, if any, the holders of Common Stock are entitled to receive dividends, if any, as may be declared from time to time by the Board of Directors in its discretion out of funds legally available for the payment of dividends.

Liquidation Rights

Subject to any preferential rights of outstanding shares of Preferred Stock, holders of Common Stock will share ratably in all assets legally available for distribution to the Corporation's stockholders in the event of dissolution.

Other Rights and Preferences

The Common Stock has no sinking fund or redemption provisions or preemptive, conversion or exchange rights.

Certain Anti-Takeover Effects of Delaware Law

The Corporation is subject to Section 203 of the Delaware General Corporation Law ("Section 203"). In general, Section 203 prohibits a publicly held Delaware corporation from engaging in various "business combination" transactions with any interested stockholder for a period of three years following the date of the transactions in which the person became an interested stockholder, unless:

- the business combination or the transaction which resulted in the stockholder becoming an interested stockholder is approved by the board of directors prior to the date the interested stockholder obtained such status;
- upon consummation of the transaction which resulted in the stockholder becoming an interested stockholder, the interested stockholder owned at least 85% of the voting stock of the corporation outstanding at the time the transaction commenced excluding for purposes of determining the voting stock outstanding (but not the outstanding voting stock owned by the interested stockholder) those shares owned (1) by persons who are directors and also officers and (2) employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or
- on or subsequent to such date the business combination is approved by the board of directors and authorized at an annual or special meeting of stockholders by the affirmative vote of at least 66 and 2/3% of the outstanding voting stock which is not owned by the interested stockholder.

A “business combination” is defined to include mergers, asset sales, and other transactions resulting in financial benefit to a stockholder. In general, an “interested stockholder” is a person who, together with affiliates and associates, owns (or within three years, did own) 15% or more of a corporation’s voting stock. The statute could prohibit or delay mergers or other takeover or change in control attempts with respect to the Corporation and, accordingly, may discourage attempts to acquire the Corporation even though such a transaction may offer the Corporation’s stockholders the opportunity to sell their stock at a price above the prevailing market price.

Certain Anti-Takeover Provisions of the Certificate of Incorporation and Bylaws

Certain provisions of the Certificate of Incorporation and Bylaws could have the effect of delaying, deterring or preventing another party from acquiring or seeking to acquire control of the Corporation. For example, the Certificate of Incorporation and Bylaws include provisions that:

- authorize the board of directors, without vote or other action by stockholders, to cause the issuance of preferred stock in one or more series from time to time and, with respect to each series, to establish the number of shares constituting that series and to fix the rights and other terms of that series, which may include, without limitation, voting rights, dividend rights and preferences, liquidation rights and preferences and rights to convert the preferred stock of such series into other securities or property;
- provide that, subject to the rights of any series of preferred stock that may be outstanding, vacancies on the board of directors or newly created directorships resulting from an increase in the number of directors may be filled only by a majority of the remaining directors then in office, even though less than a quorum;
- provide that the number of directors on the board of directors shall be determined by the board of directors;

- establish advance notice procedures and other requirements for stockholders to submit nominations of candidates for election to the board of directors and other proposals to be brought before a stockholders meeting;
- require that actions to be taken by stockholders must be taken at an annual or special meeting of stockholders and not by written consent;
- provide that, subject to the rights of any series of preferred stock that may be outstanding and except as may be required by law, special meetings of stockholders may be called only pursuant to a resolution approved by a majority of the entire board of directors;
- require an affirmative vote of holders of two-thirds (2/3) of the outstanding shares of stock entitled to vote for the following actions: amendment of the Certificate of Incorporation; adoption of an agreement of merger or consolidation; sale, lease or exchange of all or substantially all of the Corporation's property and assets; dissolution of the Corporation; and approval of a stockholder action to make, alter or repeal the Bylaws; and
- provide that if, after the record date for the 1986 stockholders' meeting, any stockholder becomes the beneficial owner of twenty percent (20%) or more of the outstanding shares of stock of the Corporation (a "Suitor"), then in any merger, consolidation, sale or other disposition of all or substantially all of the Corporation's property and assets (each called "a Business Combination"), (1) the cash, or fair market value of other consideration, to be received per share by stockholders of the Corporation in any Business Combination in which the Suitor has a direct or indirect material interest (other than solely as a stockholder of the Corporation), shall not be less than the highest per share price (including brokerage commissions and/or soliciting dealers' fees) paid by the Suitor in acquiring any of its holdings of the Corporation's common stock; and (2) the Suitor shall not have received any loans, advances, guarantees, pledges or other financial assistance or tax benefits provided by the Corporation. The term Suitor includes any party with which the Suitor has a direct or indirect agreement, understanding or arrangement for the purpose of acquiring, holding or voting stock of the Corporation.

Listing

The common Stock is traded on The Nasdaq Stock Market LLC under the trading symbol "PCAR."

PACCAR^{Inc}
**SENIOR EXECUTIVE YEARLY
INCENTIVE COMPENSATION PLAN**

1. PURPOSE

The Plan was approved by the Company's stockholders in 1997, 2002, 2006, 2011 and 2016. The purpose of the Plan is to promote the success of the Company and the creation of shareholder value by (a) encouraging senior executives to focus maximum effort on achieving high-quality performance objectives, Company profitability, and continued Company growth, and (b) encouraging the attraction and retention of senior executives with exceptional qualifications.

2. ELIGIBILITY

The Company's chief executive officer and such other senior executives as are designated by the Committee shall be eligible to participate in the Plan.

3. ADMINISTRATION

The Plan shall be administered by the Committee. The Committee shall have the authority to interpret the Plan and make all other decisions relating to the administration of the Plan. The Committee may adopt such rules or guidelines as it deems appropriate to administer the Plan. The Committee's determinations under the Plan shall be final and binding on all persons.

4. AWARD DETERMINATION

Incentive awards paid under the Plan will be based solely on the attainment of specified performance goals established by the Committee during the first 90 days of the Plan Year; provided, however, that the Committee may establish or amend goals after the first 90 days for new hires or to reflect significant changes in a participant's responsibilities. Performance goals will be based on objective criteria specifically defined by the Committee on a Company, business unit or peer group comparison basis, which may include or exclude specified items of an unusual or non-recurring nature and are based on one or more of the following: net income, return on assets, return on net assets, return on sales, return on capital, return on equity, return on revenue, sales growth, market share, cash flow, cost reduction, total shareholder return, economic value added, cash flow return on investment and cash value added. The Committee may also establish performance goals based on subjective and/or objective criteria relating to leadership or strategic

objectives at the Company or business unit level, which may include or exclude specified items of an unusual or non-recurring nature. Performance goals may include a minimum, maximum and target level of performance with the size of individual awards, if any, based on the level attained. Actual goal attainment will be certified in writing by the Committee before payout.

The Committee, in its sole discretion, may reduce or eliminate any award otherwise earned based on an assessment of individual performance, but in no event may any such reduction result in an increase of the award payable to any other participant. The Committee shall determine the amount of any such reduction by taking into account such factors as it deems relevant including, without limitation: (a) performance against other financial or strategic objectives; (b) its subjective assessment of the executive's overall performance for the year; and (c) prevailing levels of total compensation among similar companies.

The maximum amount that may be paid to any eligible participant in any year under the Plan is \$4,500,000.

5. CHANGE IN CONTROL

If a Change of Control occurs, each participant will be entitled to the maximum prorated award based on the number of full or partial months completed prior to the Change in Control during the Plan Year in which the Change in Control occurs.

6. TERMINATION OF EMPLOYMENT

Participants who retire, resign or are terminated before the end of the Plan Year are not eligible for an award for the Plan Year. In the event of death or disability, payout will be prorated based on actual goal achievement and salary received for the portion of the year worked.

7. EMPLOYMENT RIGHTS

Neither the Plan, nor the payment of an award, nor any other action taken pursuant to the Plan, shall constitute or be evidence of any agreement or understanding, express or implied, that the Company or a Subsidiary will employ any individual for any period of time, in any position or at any particular rate of compensation.

8. EFFECT OF MATERIAL RESTATEMENTS

The Board, in its sole discretion may recover all or part of an award under the Plan if it determines that all of the following have occurred:

- (i) any award under the Plan has been received by a Section 16 Officer or former Section 16 Officer of the Company;
- (ii) the Section 16 Officer engaged in fraud that caused or substantially contributed to material restatement of the Company's financial statements; and
- (iii) the award was based in whole or in part based on financial results that were subsequently subject to the material restatement.

9. AMENDMENT OR TERMINATION OF THE PLAN

The Board may alter, amend or terminate the Plan at any time. An amendment of the Plan shall be subject to the approval of the Company's stockholders only to the extent required by applicable laws, regulations or rules. No awards shall be granted under the Plan after the termination thereof.

10. EFFECTIVE DATE

The Plan shall be effective as of January 1, 2020.

11. DEFINITIONS

- (a) "*Board*" means the Board of Directors of the Company, as constituted from time to time.
- (b) "*Change in Control*" for purposes of this Plan has the meaning proscribed in the Long Term Incentive Plan.
- (c) "*Committee*" means the Compensation Committee of the Board.
- (d) "*Company*" means PACCAR Inc, a Delaware corporation.
- (e) "*Exchange Act*" means the Securities Exchange Act of 1934, as amended.
- (f) "*Long Term Incentive Plan*" means the PACCAR Inc Long Term Incentive Plan first adopted by the Board on February 11, 1991 and amended from time-to-time thereafter.
- (g) "*Plan*" means this amended and restated PACCAR Inc Senior Executive Yearly Incentive Compensation Plan, as it may be amended from time to time.

- (h) *“Plan Year”* means a calendar year.
- (i) *“Section 16 Officer”* means an executive officer as defined in section 16 of the Exchange Act.
- (j) *“Subsidiary”* means an entity in which the Company directly or indirectly owns a majority of all classes of outstanding equity.



LONG TERM INCENTIVE PLAN

ARTICLE 1. INTRODUCTION.

The Plan was first adopted by the Board on February 11, 1991 and approved by the Company's stockholders on April 30, 1991. Amendments to the Plan were approved by the stockholders in 1997, 2002, 2006, 2011, and 2016. The Plan was further amended on December 9, 2019 (the "2019 Amendment") by action of the Board. All past Awards granted or made under the Plan that are intended to constitute "performance-based compensation" within the meaning of Code Section 162(m) shall continue to be administered in accordance with their terms and without regard to the 2019 Amendment. The purpose of the Plan is to promote the long term success of the Company and the creation of stockholder value by (a) encouraging Key Employees to focus on critical long range objectives, (b) encouraging the attraction and retention of Key Employees with exceptional qualifications, and (c) linking Key Employees directly to stockholder interests through increased stock ownership. The Plan seeks to achieve this purpose by providing for Awards in the form of Restricted Shares, Stock Units, Options (which may constitute incentive stock options or nonstatutory stock options), stock appreciation rights, or cash. The Plan shall be governed by and construed in accordance with the laws of the State of Washington.

ARTICLE 2. ADMINISTRATION.

The Plan shall be administered by the Committee. The Committee shall (a) select the Key Employees who are to receive Awards under the Plan, (b) determine the type, number, vesting requirements, and other conditions of such Awards (or amendments thereto), (c) interpret the Plan, and (d) make all other decisions relating to the operation of the Plan. The Committee may adopt such rules or guidelines as it deems appropriate to implement the Plan. The Committee's determinations under the Plan shall be final and binding on all persons.

ARTICLE 3. SHARES AVAILABLE FOR GRANTS.

Any Common Shares issued pursuant to the Plan may be authorized but unissued shares or treasury shares. The aggregate number of Restricted Shares, Stock Units, SARs, and Options awarded under the Plan shall not exceed 45,562,500, subject to adjustment pursuant to Article 10. If any Restricted Shares, Stock Units, or Options are forfeited or if any Options terminate for any other reason before being exercised, then the Common Shares covered by such Restricted Shares, Stock Units or Options shall again become available for Awards under the Plan. However, if Options are surrendered upon the exercise of related SARs, then such Options shall not be restored to the pool available for Awards. Any cash-settled dividend equivalents under the Plan shall not be applied against the number of Restricted Shares, Stock Units, or Options available for Awards, while any

dividend equivalents that are converted into stock-settled Stock Units shall be applied against such number.

ARTICLE 4. ELIGIBILITY.

Only Key Employees shall be eligible for designation as Participants. A Key Employee who owns more than 10% of the total combined voting power of all classes of outstanding stock of the Company or any of its Subsidiaries shall not be eligible for the grant of an ISO unless the requirements set forth in Section 422(c)(5) of the Code are satisfied.

ARTICLE 5. OPTIONS.

- 5.1 Stock Option Agreement. Each grant of an Option under the Plan shall be evidenced by a Stock Option Agreement between the Optionee and the Company. Such Option shall be subject to all applicable terms of the Plan and may be subject to any other terms that are not inconsistent with the Plan. The Stock Option Agreement shall specify whether the Option is an ISO or a NSO. The provisions of the various Stock Option Agreements entered into under the Plan need not be identical.
- 5.2 Transferability. No Option granted under the Plan shall be transferable by the Optionee other than by will, or by a beneficiary designation executed by the Optionee and delivered to the Company, or by the laws of descent and distribution unless the Committee provides otherwise in a nonstatutory stock option agreement. An Option may be exercised during the lifetime of the Optionee only by him or her or by his or her guardian or legal representative unless the Committee provides otherwise in a nonstatutory Stock Option Agreement. No Option or interest therein may be assigned, pledged, or hypothecated by the Optionee during his or her lifetime, whether by operation of law or otherwise, or be made subject to execution, attachment or similar process.
- 5.3 Number of Shares. Each Stock Option Agreement shall specify the number of Common Shares subject to the Option, provided that the maximum number of Common Shares awarded to any Participant in any year shall be 1,265,625 (subject to adjustment in accordance with Article 10). The Stock Option Agreement shall provide for the adjustment of such number including the maximum number in accordance with Article 10.
- 5.4 Exercise Price. Each Stock Option Agreement shall specify the Exercise Price. The Exercise Price under an Option shall not be less than the closing price of a Common Share on the date of grant. Subject to adjustment pursuant to Article 10, the Exercise Price of outstanding Options fixed by the Committee shall not be modified.
- 5.5 Exercisability and Term. Stock options and any SARs granted will vest three (3) years from the January 1 of the year in which the options are granted and may be exercised up to ten (10) years after the date of grant subject to the terms of vesting and exercise set forth in the Stock Option Agreement. Each

Stock Option Agreement shall specify the date when all or any installment of the Option is to become exercisable. A Stock Option Agreement may provide for the accelerated exercise of the Option in the event of the Optionee's death, disability or retirement and may provide for expiration of the Option prior to the end of its term in the event of the termination of the Optionee's service. NSOs may also be awarded in combination with Restricted Shares or Stock Units, and such an Award may provide that the NSOs will not be exercisable unless the related Restricted Shares or Stock Units are forfeited.

- 5.6 Effect of Change in Control. The Committee may determine, at the time of granting an Option or thereafter, that such Option (and any SARs included therein) shall become fully exercisable as to all Common Shares subject to such Option if a Change in Control occurs. If the Committee finds that there is a reasonable possibility that, within the next six months, a Change in Control will occur with respect to the Company, then the Committee may determine that all outstanding Options (and any SARs included therein) shall become fully exercisable as to all Common Shares subject to such Options.

ARTICLE 6. PAYMENT FOR OPTION SHARES.

- 6.1 General Rule. The entire Exercise Price of Common Shares issued upon exercise of Options shall be payable in cash at the time when such Common Shares are purchased, except as follows:
- (i) In the case of an ISO granted under the Plan, payment shall be made only pursuant to the express provisions of the applicable Stock Option Agreement. The Stock Option Agreement may specify that payment may be made in any form(s) described in this Article 6.
 - (ii) In the case of an NSO, the Committee may at any time accept payment in any form(s) described in this Article 6.
- 6.2 Surrender of Stock. To the extent that this Section 6.2 is applicable, payment for all or any part of the Exercise Price may be made with Common Shares which have already been owned by the Optionee. Such Common Shares shall be valued at their Fair Market Value on the date when the new Common Shares are purchased under the Plan.
- 6.3 Exercise/Sale. To the extent that this Section 6.3 is applicable, payment may be made by the delivery (in a manner prescribed by the Company) of an irrevocable direction to a securities broker to sell Common Shares and to deliver all or part of the sales proceeds to the Company in payment of all or part of the Exercise Price and any withholding taxes.
- 6.4 Exercise/Pledge. To the extent that this Section 6.4 is applicable, payment may be made by the delivery (in a manner prescribed by the Company) of an irrevocable direction to pledge Common Shares to a securities broker or lender, as security for a loan, and to deliver all or part of the loan proceeds

to the Company in payment of all or part of the Exercise Price and any withholding taxes.

- 6.5 Promissory Note. To the extent that this Section 6.5 is applicable, payment for all or any part of the Exercise Price may be made with a full-recourse promissory note; provided that the par value of newly issued Common Shares must be paid in lawful money of the U.S. at the time when such Common Shares are purchased.
- 6.6 Other Forms of Payment. To the extent that this Section 6.6 is applicable, payment may be made in any other manner that is consistent with applicable laws, regulations, and rules.

ARTICLE 7. STOCK APPRECIATION RIGHTS.

- 7.1 Grant of SARs. Each Option granted under the Plan may include a SAR. The maximum number of SARs that may be awarded to any Participant in any year shall be 1,265,625 (subject to adjustment in accordance with Article 10). Such SAR shall entitle the Optionee (or any person having the right to exercise the Option after the Optionee's death) to surrender to the Company, unexercised, all or any part of that portion of the Option which then is exercisable and to receive from the Company Common Shares or cash, or a combination of Common Shares and cash, as the Committee shall determine. If a SAR is exercised, the number of Common Shares remaining subject to the related Option shall be reduced accordingly, and vice versa. The amount of cash and/or the Fair Market Value of Common Shares received upon exercise of a SAR shall, in the aggregate, be equal to the amount by which the Fair Market Value (on the date of surrender) of the Common Shares subject to the surrendered portion of the Option exceeds the Exercise Price. In no event shall any SAR be exercised if such Fair Market Value does not exceed the Exercise Price. A SAR may be included in an ISO only at the time of grant but may be included in a NSO at the time of grant or at any subsequent time.
- 7.2 Exercise of SARs. A SAR may be exercised to the extent that the Option in which it is included is exercisable, subject to any restrictions imposed by Rule 16b-3 under the Exchange Act (as amended from time to time). If, on the date when an Option expires, the Exercise Price under such Option is less than the Fair Market Value on such date but any portion of such Option has not been exercised or surrendered, then any SAR included in such Option shall automatically be deemed to be exercised as of such date with respect to such portion. An Option granted under the Plan may provide that it will be exercisable as a SAR only in the event of a Change in Control.

ARTICLE 8. RESTRICTED SHARES AND STOCK UNITS.

- 8.1 Time, Amount, and Form of Awards. Awards under the Plan may be granted in the form of Restricted Shares, in the form of Stock Units, or in any combination of both. Restricted Shares or Stock Units may also be awarded in combination with NSOs, and such an Award may provide that the

Restricted Shares or Stock Units will be forfeited in the event that the related NSOs are exercised. The maximum number of Restricted Shares and/or Stock Units awarded to any Participant in any year shall be 450,000 (subject to adjustment in accordance with Article 10).

- 8.2 Performance Based Awards. The Committee will establish a performance goal or goals (“Performance Goal”) for each Award not later than the 90th day of the Award Year to which the Award relates; provided, however, that the Committee may establish or amend goals after the first 90 days for new hires or to reflect significant changes in a participant’s responsibilities. The period for each Performance Goal will commence on January 1 and end on December 31 of such year (the “Performance Period”). Performance Goals for this purpose will be based on objective criteria specifically defined by the Committee on a Company, business unit or peer group comparison basis, which may include or exclude specified items of an unusual or nonrecurring nature and are based on one or more of the following: earnings per share, net income, return on assets, return on sales, return on capital, return on equity, return on revenue, cash flow, cost reduction, total shareholder return, economic value added, cash flow return on investment, and cash value added. The Committee may also establish performance goals based on subjective and/or objective criteria relating to leadership or strategic objectives at the Company or business unit level, which may include or exclude specified items of an unusual or non-recurring nature.

The Committee, in its sole discretion, may reduce or eliminate any Award otherwise earned based on an assessment of individual performance, but in no event may any such reduction result in an increase of the Award payable to any other Participant. The Committee shall determine the amount of any such reduction by taking into account such factors as it deems relevant including, without limitation: (a) performance against other financial or strategic objectives; (b) its subjective assessment of the executive’s overall performance for the year; and (c) prevailing levels of total compensation among similar companies.

- 8.3 Evaluation and Vesting Conditions. Within 60 days after the end of the Performance Period, the Committee will certify in writing whether the Performance Goal has been achieved.

For each Award of Restricted Shares or Stock Units, one-fourth shall vest on the first day of the month following the date of such certification, and an additional one-fourth on each succeeding first of January, so as to be 100% vested on the third January 1 following the certification. Such Award may provide for accelerated vesting in the event of the Participant's death, disability, or retirement. The Committee may determine, at any time, that such Award shall become fully vested if a Change in Control occurs.

- 8.4 Form and Time of Settlement of Stock Units. Settlement of vested Stock Units may be made in the form of cash, in the form of Common Shares, or in any combination of both. Methods of converting Stock Units into cash may include (without limitation) a method based on the average Fair Market

Value of Common Shares over a series of trading days. Vested Stock Units may be settled in a lump sum or in installments. The distribution may occur or commence when all vesting conditions applicable to the Stock Units have been satisfied or have lapsed, or it may be deferred to any later date consistent with the requirements of Section 409A of the Code if subject to Section 409A of the Code. The amount of a deferred distribution may be increased by an interest factor or by dividend equivalents. Until an Award of Stock Units is settled, the number of such Stock Units shall be subject to adjustment pursuant to Article 10.

- 8.5 Death of Recipient. Any Stock Units Award that becomes payable after the recipient's death shall be distributed to the recipient's beneficiary or beneficiaries. Each recipient of a Stock Units Award under the Plan shall designate one or more beneficiaries for this purpose by filing the prescribed form with the Company. A beneficiary designation may be changed by filing the prescribed form with the Company at any time before the Award recipient's death. If no beneficiary was designated or if no designated beneficiary survives the Award recipient, then any Stock Units Award that becomes payable after the recipient's death shall be distributed to the recipient's estate.
- 8.6 Creditors' Rights. A holder of Stock Units shall have no rights other than those of a general creditor of the Company. Stock Units represent an unfunded and unsecured obligation of the Company, subject to the terms and conditions of the applicable Stock Award Agreement.

ARTICLE 9. VOTING AND DIVIDEND RIGHTS.

- 9.1 Restricted Shares. The holders of Restricted Shares awarded under the Plan shall have the same voting, dividend, and other rights as the Company's other stockholders. Cash dividends on Restricted Shares reinvested in additional Restricted Shares and any stock dividends paid on Restricted Shares shall be subject to the same conditions and restrictions as the Award with respect to which the dividends were paid. Such additional Restricted Shares attributable to cash dividends that are reinvested shall reduce the number of Common Shares available under Article 3.
- 9.2 Stock Units. The holders of Stock Units shall have no voting rights. Prior to settlement or forfeiture, any Stock Unit awarded under the Plan shall carry with it a right to dividend equivalents. Such right entitles the holder to be credited with an amount equal to all cash dividends paid on one Common Share while the Stock Unit is outstanding. Dividend equivalents may be converted into additional Stock Units. Settlement of dividend equivalents may be made in the form of cash, in the form of Common Shares, or in a combination of both. Prior to distribution, any dividend equivalents which are not paid shall be subject to the same conditions and restrictions as the Stock Units to which they attach.

ARTICLE 10. PROTECTION AGAINST DILUTION.

- 10.1 Adjustments. In the event of a subdivision of the outstanding Common Shares, a declaration of a dividend payable in Common Shares, a declaration of a dividend payable in a form other than Common Shares in an amount that has a material effect on the price of Common Shares, a combination or consolidation of the outstanding Common Shares (by reclassification or otherwise) into a lesser number of Common Shares, a recapitalization, a divestiture spin-off or a similar occurrence, the Committee shall make appropriate and proportionate adjustments in one or more of (a) the number, kind and/or class of shares available for future Awards under Article 3, (b) the number, kind and/or class of shares covered by an outstanding Award, (c) the Exercise Price under each outstanding Option and SAR, or (d) the per person per year limitations on Awards under the Plan. Except as provided in this Article 10, a Participant shall have no rights by reason of any issue by the Company of stock of any class or securities convertible into stock of any class, any subdivision or consolidation of shares of stock of any class, the payment of any stock dividend or any other increase or decrease in the number of shares of stock of any class.
- 10.2 Reorganizations. In the event that the Company is a party to a merger or other reorganization, outstanding Options, Restricted Shares, and Stock Units shall be subject to the agreement of merger or reorganization. Such agreement may provide, without limitation, for the assumption of outstanding Awards by the surviving corporation or its parent, for their continuation by the Company (if the Company is a surviving corporation), for accelerated vesting, or for settlement in cash.

ARTICLE 11. LONG TERM PERFORMANCE CASH AWARDS.

- 11.1 The Committee may grant long term performance cash awards to any Participant in its sole discretion. Payment of cash awards will be based on the attainment of specified performance goals over a designated performance period in excess of one year. Performance goals for this purpose will be based on objective criteria specifically defined by the Committee on a Company, business unit or peer group comparison basis, which may include or exclude specified items of an unusual or nonrecurring nature and are based on one or more of the following: earnings per share, net income, return on assets, return on sales, return on capital, return on equity, return on revenue, cash flow, cost reduction, total shareholder return, economic value added, cash flow return on investment, and cash value added. The Committee may also establish performance goals based on subjective and/or objective criteria relating to leadership or strategic objectives at the Company or business unit level, which may include or exclude specified items of an unusual or non-recurring nature.
- 11.2 The Committee, in its sole discretion, may reduce or eliminate any award otherwise earned based on an assessment of individual performance, but in no event may any such reduction result in an increase of the award payable to any other Participant. The Committee shall determine the amount of any such reduction by taking into account such factors as it deems relevant including, without limitation: (a) performance against other financial or

strategic objectives; (b) its subjective assessment of the executive's overall performance for the year; and (c) prevailing levels of total compensation among similar companies. The maximum amount that may be paid to any eligible Participant in any year with respect to a long term performance cash award is \$7,000,000.

- 11.3 If a Change of Control occurs, each Participant will be entitled to the maximum prorated award based on the number of full or partial months completed prior to the Change of Control during the performance period in which the Change of Control occurs. Each Participant shall be entitled to be paid the sums in his deferred income and/or stock account on the earliest date permitted by law.
- 11.4 The Company may grant long term performance awards under other plans or programs consistent with the limitations described in Article 11. Such awards and all stock units credited under the Company's Deferred Incentive Compensation Plan and Deferred Compensation Plan may be settled in the form of Common Shares issued under this Plan. Such Common Shares shall be treated for all purposes under the Plan like Common Shares issued in settlement of Stock Units and shall reduce the number of Common Shares available under Article 3.
- 11.5 The Committee may permit the deferral of any award and may permit payment on deferrals to be made in cash or shares of Common Stock subject to rules and procedures it may establish which shall comply with Section 409A of the Code for deferrals subject to Section 409A of the Code. These rules may include provisions for crediting dividend equivalents on deferred stock unit accounts and crediting interest on deferred cash accounts.

ARTICLE 12. LIMITATION ON RIGHTS.

- 12.1 Employment Rights. Neither the Plan nor any Award granted under the Plan shall be deemed to give any individual a right to remain an employee of the Company or a Subsidiary. The Company and its Subsidiaries reserve the right to terminate the service of any employee at any time, with or without cause, subject only to a written employment agreement (if any).
- 12.2 Stockholders' Rights. A Participant shall have no dividend rights, voting rights, or other rights as a stockholder with respect to any Common Shares covered by his or her Award prior to the issuance of the stock, except as expressly provided in Section 9.1. No adjustment shall be made for cash dividends or other rights for which the record date is prior to the date when such certificate is issued, except as expressly provided in Articles 8, 9, and 10.
- 12.3 Regulatory Requirements. Any other provision of the Plan notwithstanding, the obligation of the Company to issue Common Shares under the Plan shall be subject to all applicable laws, rules and regulations, and such approval by any regulatory body as may be required. The Company reserves the right to

restrict, in whole or in part, the delivery of Common Shares pursuant to any Award prior to the satisfaction of all legal requirements relating to the issuance of such Common Shares, to their registration, qualification or listing, or to an exemption from registration, qualification or listing.

12.4 Repricing, Exchange, or Cash-Out Prohibited. Except as permitted in Article 10 above:

- (i) no reduction in the Exercise Price of any Award is permitted;
- (ii) no previously granted Award may be exchanged for another Award with a lower Exercise Price; and
- (iii) no previously granted Award whose Exercise Price is higher than the Fair Market Value of Company stock may be cancelled in exchange for cash or another Award.

ARTICLE 13. WITHHOLDING TAXES.

13.1 General. To the extent required by applicable federal, state, local, or foreign law, the recipient of any payment or distribution under the Plan shall make arrangements satisfactory to the Company for the satisfaction of any withholding tax obligations that arise by reason of the receipt or vesting of such payment or distribution. The Company shall not be required to issue any Common Shares or make any cash payment under the Plan until such obligations are satisfied.

13.2 Share Withholding. The Committee may permit the recipient of any payment or distribution under the Plan to satisfy his or her minimum tax withholding obligations by having the Company withhold a portion of any Common Shares that otherwise would be issued to him or her or by surrendering a portion of any Common Shares that previously were issued to him or her. Such Common Shares shall be valued at their Fair Market Value on the date when taxes otherwise would be withheld in cash. Any payment of taxes by assigning Common Shares to the Company may be subject to restrictions, including any restrictions required by rules of the Securities and Exchange Commission.

ARTICLE 14. ASSIGNMENT OR TRANSFER OF AWARDS.

Except as provided in Article 13 and Section 5.2, any Award granted under the Plan shall not be anticipated, assigned, attached, garnished, optioned, transferred, or made subject to any creditor's process, whether voluntarily, involuntarily, or by operation of law. Any act in violation of this Article 14 shall be void. However, this Article 14 shall not preclude a Participant from designating a beneficiary who will receive any undistributed Awards in the event of the Participant's death, nor shall it preclude a transfer by will or by the laws of descent and distribution. In addition, neither this Article 14 nor any other provision of the Plan shall preclude a Participant from transferring or assigning Restricted Shares or Stock Units to (a) the trustee of a trust that is revocable by such Participant

alone, both at the time of the transfer or assignment and at all times thereafter prior to such Participant's death, or (b) the trustee of any other trust to the extent approved in advance by the Committee in writing. A transfer or assignment of Restricted Shares or Stock Units from such trustee to any person other than such Participant shall be permitted only to the extent approved in advance by the Committee in writing, and Restricted Shares or Stock Units held by such trustee shall be subject to all of the conditions and restrictions set forth in the Plan and in the applicable Stock Award Agreement, as if such trustee were a party to such Agreement.

ARTICLE 15. EFFECT OF MATERIAL RESTATEMENTS

The Board, in its sole discretion may recover all or part of an award under the Plan if it determines that all of the following have occurred:

- (i) Any Award under the Plan has been received by a Section 16 Officer or former Section 16 Officer of the Company;
- (ii) The Section 16 Officer engaged in fraud that caused or substantially contributed to material restatement of the Company's financial statements; and
- (iii) The Award was based in whole or in part on financial results that were subsequently subject to the material restatement.

ARTICLE 16. FUTURE OF THE PLAN.

16.1 Term of the Plan. The Plan shall remain in effect until it is terminated under Section 16.2, except that no ISOs shall be granted after December 6, 2020.

16.2 Amendment or Termination. The Board may, at any time and for any reason, amend or terminate the Plan. An amendment of the Plan shall be subject to the approval of the Company's stockholders only to the extent required by applicable laws, regulations, or rules. No Awards shall be granted under the Plan after the termination thereof. The termination of the Plan, or any amendment thereof, shall not affect any Award previously granted under the Plan.

ARTICLE 17. DEFINITIONS.

- 17.1 "Award" means any award of an Option (with or without a related SAR), a Restricted Share, a Stock Unit or a long term performance cash award under the Plan.
- 17.2 "Award Year" means a fiscal year with respect to which an Award may be granted.
- 17.3 "Board" means the Company's Board of Directors.
- 17.4 "Change in Control" means the occurrence of any of the following events unless otherwise defined in any Stock Award Agreement or Stock Option

Agreement. The change in control requirements identified in regulations implementing Section 409A(e)(2) of the Code will prevail over any conflicting provisions of subsections (i) to (iv) below for those nonqualified deferred compensation plans governed by Section 409A of the Code:

- (i) The acquisition by any individual, entity or group (within the meaning of Sections 13(d)(3) or 14(d)(2) of the Exchange Act) (a "Person") of beneficial ownership (within the meaning of Rule 13d-3 promulgated under the Exchange Act) of 15% or more of either (i) the then outstanding Common Shares (the "Outstanding Company Common Stock") or (ii) the combined voting power of the then outstanding voting securities of the Company entitled to vote generally in the election of directors (the "Outstanding Company Voting Securities"); provided, however, that the following acquisitions shall not constitute a Change in Control: (i) any acquisition directly from the Company, (ii) any acquisition by the Company, (iii) any acquisition by an employee benefit plan (or related trust) sponsored or maintained by the Company or any corporation controlled by the Company, (iv) any acquisition by the natural children and grandchildren of Paul Pigott and Theiline McCone Pigott (the "Immediate Pigott Family"), any trust or foundation to which any of the foregoing has transferred or may transfer securities of the Company, the trusts at Bank America Corporation or its successor, holding outstanding Common Shares for descendants of Paul Pigott and Theiline McCone Pigott, any trust established for the primary benefit of any member of the Immediate Pigott Family or any of their respective heirs or legatees, any trust of which any member of the Immediate Pigott Family serves as a trustee (or any affiliate or associate (within the meaning of Rule 12b-2 promulgated under the Exchange Act) of any of the foregoing) (the "Exempted Interests"), or (e) any acquisition by any corporation pursuant to a transaction described in clauses (A), (B) and (C) of subsection (iii) below;
- (ii) Individuals who, as of the date this Plan is approved by the Company's stockholders, constitute the Board (the "Incumbent Board") cease for any reason to constitute at least a majority of the Board; provided, however, that any individual becoming a director subsequent to the date hereof whose nomination for election by the Company's stockholders was approved by a vote of at least a majority of the directors then comprising the Incumbent Board shall be considered as though such individual were a member of the Incumbent Board, but excluding, for this purpose, any such individual whose initial assumption of office occurs as a result of an actual or threatened election contest with respect to the election or removal of directors or other actual or threatened solicitation of proxies or consents by or on behalf of a Person other than the Board;
- (iii) The consummation of a reorganization, merger, share exchange, or consolidation (a "Business Combination"), in each case unless, following such Business Combination, (A) all or substantially all of the individuals and entities who were the beneficial owners, respectively, of the Outstanding Company Common Stock and Outstanding Company Voting Securities immediately prior to such Business Combination beneficially

own, directly or indirectly, more than 85% of, respectively, the then outstanding Common Shares and the combined voting power of the then outstanding voting securities entitled to vote generally in the election of directors, as the case may be, of the corporation resulting from such Business Combination (including, without limitation, a corporation which as a result of such transaction owns the Company through one or more subsidiaries) in substantially the same proportions as their ownership, immediately prior to such Business Combination, of the Outstanding Company Common Stock and Outstanding Company Voting Securities, as the case may be, (B) no Person (excluding (1) any employee benefit plan (or related trust) of the Company or such corporation resulting from such Business Combination or (2) the Exempted Interests) beneficially owns, directly or indirectly, 15% or more of, respectively, the then outstanding shares of common stock of the corporation resulting from such Business Combination or the combined voting power of the then outstanding voting securities of such corporation except to the extent that such ownership existed prior to the Business Combination and (C) at least a majority of the members of the board of directors of the corporation resulting from such Business Combination were members of the Incumbent Board at the time of the execution of the initial agreement, or of the action of the Board, providing for such Business Combination; or

- (iv) The consummation of (A) a complete liquidation or dissolution of the Company or (B) the sale or other disposition of all or substantially all of the Company's assets, other than to a corporation with respect to which, following such sale or other disposition, (1) more than 85% of, respectively, the then outstanding shares of common stock of such corporation and the combined voting power of the then outstanding voting securities of such corporation entitled to vote generally in the election of directors is then beneficially owned, directly or indirectly, by all or substantially all of the individuals and entities who were the beneficial owners, respectively, of the Outstanding Company Common Stock and Outstanding Company Voting Securities immediately prior to such sale or other disposition in substantially the same proportion as their ownership, immediately prior to such sale or other disposition, of the Outstanding Company Common Stock and Outstanding Company Voting Securities, as the case may be, (2) less than 15% of, respectively, the then outstanding shares of common stock of such corporation and the combined voting power of the then outstanding voting securities of such corporation entitled to vote generally in the election of directors is then beneficially owned, directly or indirectly, by any Person (excluding (x) any employee benefit plan (or related trust) of the Company or such corporation or (y) the Exempted Interests), except to the extent that such Person owned 15% or more of the Outstanding Company Common Stock or Outstanding Company Voting Securities prior to the sale or disposition, and (3) at least a majority of the members of the board of directors of such corporation were members of the Incumbent Board at the time of the execution of the initial agreement, or of the action of the Board, providing for such sale or

other disposition of assets of the Company or were elected, appointed or nominated by the Board.

- 17.5 "Code" means the Internal Revenue Code of 1986, as amended.
- 17.6 "Committee" means the Compensation Committee of the Board.
- 17.7 "Common Share" means one share of the common stock of the Company.
- 17.8 "Company" means PACCAR Inc, a Delaware corporation.
- 17.9 "Exchange Act" means the Securities Exchange Act of 1934, as amended.
- 17.10 "Exercise Price" means the amount for which one Common Share may be purchased upon exercise of an Option, as specified in the applicable Stock Option Agreement.
- 17.11 "Fair Market Value" shall mean the closing price of a Common Share on the trading day immediately preceding the date in question.
- 17.12 "ISO" means an incentive stock option described in Section 422(b) of the Code.
- 17.13 "Key Employee" means a key common law employee of the Company or of a Subsidiary, as determined by the Committee.
- 17.14 "NSO" means an employee stock option not described in sections 422 through 424 of the Code.
- 17.15 "Option" means an ISO or NSO granted under the Plan and entitling the holder to purchase one Common Share.
- 17.16 "Optionee" means an individual or estate who holds an Option.
- 17.17 "Participant" means an individual or estate who holds an Award.
- 17.18 "Plan" means this PACCAR Inc Long Term Incentive Plan, as it may be amended from time to time.
- 17.19 "Restricted Share" means a Common Share awarded under the Plan.
- 17.20 "SAR" means a stock appreciation right granted under the Plan.
- 17.21 "Section 16 Officer" means an executive officer as defined in section 16 of the Exchange Act.
- 17.22 "Stock Award Agreement" means the agreement between the Company and the recipient of a Restricted Share or Stock Unit which contains the terms, conditions, and restrictions pertaining to such Restricted Share or Stock Unit.

17.23 "Stock Option Agreement" means the agreement between the Company and an Optionee which contains the terms, conditions, and restrictions pertaining to his or her Option.

17.24 "Stock Unit" means a bookkeeping entry representing the equivalent of one Common Share awarded under the Plan.

17.25 "Subsidiary" means an entity in which the Company directly or indirectly owns a majority of all classes of outstanding equity.

ARTICLE 18. EXECUTION.

To record the amendment and restatement of the Plan by the Board, the Company has caused its duly authorized officer to affix the corporate name and seal hereto.

**THIRD AMENDMENT TO
MEMORANDUM OF UNDERSTANDING**

This Third Amendment to Memorandum of Understanding (this "Third Amendment") is entered into by and among the Mississippi Development Authority ("MDA"), the Mississippi Major Economic Impact Authority ("MMEIA"), and PACCAR Engine Company ("PACCAR"), a Mississippi corporation, and its permitted successors and assigns.

WHEREAS, PACCAR, the MDA, the MMEIA, the Mississippi Department of Environmental Quality, the Mississippi Department of Employment Security, Lowndes County, Mississippi ("Lowndes County"), the Lowndes County Industrial Development Authority (the "LCIDA"), Oktibbeha County, Mississippi, and East Mississippi Community College are each parties to that certain Memorandum of Understanding, dated as of May 11, 2007 (the "Original MOU");

WHEREAS, in accordance with Section 13.08 thereof, the Original MOU was first amended by that certain Letter Waiver, dated as of July 22, 2008 (the "First Amendment"), executed and accepted by the MDA, the MMEIA, Lowndes County, the LCIDA, and PACCAR, pursuant to which PACCAR agreed to waive certain obligations of the MDA and the MMEIA set forth in the Original MOU;

WHEREAS, in response to a material and unanticipated downturn in global economic conditions in 2007 that adversely affected the market for engines produced by PACCAR, PACCAR, the MDA and the MMEIA entered into discussions about reasonable extensions of the deadlines prescribed in the Original MOU for PACCAR's satisfaction of its Investment Commitment and Jobs Commitment (as such terms are defined in the Original MOU);

WHEREAS, as a result of such material and unanticipated adverse change in market conditions, the MDA; the MMEIA and PACCAR entered into that certain Second Amendment to Memorandum of Understanding, dated on or about September 26, 2013 (the "Second Amendment"), which instrument such parties intended to (i) provide for a reasonable extension of the deadline for satisfaction by PACCAR of the Jobs Commitment, and (ii) clarify that PACCAR satisfied its Investment Commitment by entering into binding contractual commitments prior to the original deadline and performing under such contractual commitments;

WHEREAS, the Second Amendment modified Section 2.01(c) of the Original MOU by extending PACCAR's Jobs Commitment deadline until December 31, 2015; however, due to simple oversight in the preparation of the Second Amendment, it failed to include the intended provision needed to modify Section 2.01(b) with respect to PACCAR's satisfaction of the Investment Commitment;

WHEREAS, in preparing the Second Amendment, the parties thereto also inadvertently failed to clarify certain ambiguous language in Section 6.04 and the Enabling Legislation in connection with the Rebate Program;

WHEREAS, in order to correct the above-referenced inadvertent omissions from the Second Amendment and to clarify the above-referenced ambiguous language, the parties hereto desire to further amend the Original MOU, as amended by the First Amendment and the Second Amendment (as amended, the "Existing MOU"), in accordance with the terms set forth in this Third Amendment.

NOW, THEREFORE, for and in consideration of the premises and the mutual covenants, promises and agreements herein contained, and other good and valuable consideration, the parties hereto hereby agree as follows:

ARTICLE I. RECITALS

The parties hereto hereby agree that the foregoing Recitals are true and correct, and are hereby incorporated in and made a part of this Third Amendment.

ARTICLE II. DEFINITIONS

Capitalized terms used herein and not otherwise defined have the meanings set forth in the Existing MOU.

ARTICLE III. CLARIFICATION OF INVESTMENT COMMITMENT

Effective as of September 26, 2013, Section 2.01(b) of the Existing MOU is hereby deleted in its entirety and replaced with the following:

“(b) to make, by either expending funds and/or entering into binding contractual commitments to expend such funds, an initial capital investment in the Project from private sources of not less than Three Hundred Million Dollars (\$300,000,000.00), no later than December 31, 2010 (the “Investment Commitment”); and”

ARTICLE IV. CLARIFICATIONS REGARDING REBATE PROGRAM

(a) Beginning of the Project. The parties hereto clarify and agree that, with respect to PACCAR, the “beginning of the project” (as such term is used in the definition of “Qualified business or industry” in the Enabling Legislation) occurred on December 1, 2010.

(b) Application for Incentive Payments. The parties hereto clarify and agree that PACCAR applied for incentive payments under the Rebate Program on February 24, 2010, and that such application has been approved by the MDA.

(c) Rebate Commencement Date. The parties hereto clarify and agree that the Rebate Commencement Date was February 24, 2016.

(d) Notification to the Department of Revenue. The parties hereto agree that the MDA or MMEIA notified the Mississippi Department of Revenue (formerly, the State Tax Commission) of its approval of PACCAR’s application for incentive rebate payments on or before December 31, 2018.

ARTICLE V. RATIFICATION.

Except as specifically amended hereby, all terms and conditions of the Existing MOU are ratified and confirmed. By the terms of the Existing MOU, the only parties required to execute this Third Amendment are the MDA, the MMEIA and PACCAR.

ARTICLE VI. MISCELLANEOUS.

(a) Severability/Conflicts. If any clause, provision or section of this Third Amendment shall be to any extent adjudged, ruled or otherwise held to be invalid or unenforceable by any court of competent jurisdiction the remaining terms and provisions of this Third Amendment shall not be affected thereby, but each term and provision of this Third Amendment shall be valid and be enforced to the fullest extent permitted by law.

(b) Counterparts. This Third Amendment may be executed in one or more counterparts, each of which shall constitute an original, but all of which taken together shall be one and the same instrument. This Third Amendment may also be executed by facsimile or electronic transmission and each facsimile or electronically transmitted signature hereto shall be deemed for all purposes to be an original signatory page.

(c) Binding Effect. All agreements, terms, provisions and conditions in this Third Amendment shall extend and inure to the benefit of, and be binding upon, the parties hereto and their respective successors and assigns of the parties hereto.

(d) Headings/Construction. The captions and headings of this Third Amendment are for convenience only, and are not to be construed as a part of this Amendment, and shall not be construed as defining or limiting in any way the scope or intent of the provisions hereof. Whenever herein the singular number is used, the same shall include the plural and words of any gender shall include each other gender.

[signature pages follow]

IN WITNESS WHEREOF, the parties hereto have executed this Third Amendment on the date(s) of acknowledgment of their respective signatures, to be effective as of the latest date signed by all parties hereto.

MISSISSIPPI DEVELOPMENT AUTHORITY

Date: November 12, 2019

By: /s/ Glenn L. McCullough, Jr.
Glenn L. McCullough, Jr.
Executive Director

IN WITNESS WHEREOF, the parties hereto have executed this Third Amendment on the date(s) of acknowledgment of their respective signatures, to be effective as of the latest date signed by all parties hereto.

MISSISSIPPI MAJOR ECONOMIC IMPACT AUTHORITY

Date: November 12, 2019

By: /s/ Glenn L. McCullough, Jr.
Glenn L. McCullough, Jr.
Executive Director

IN WITNESS WHEREOF, the parties hereto have executed this Third Amendment on the date(s) of acknowledgment of their respective signatures, to be effective as of the latest date signed by all parties hereto.

PACCAR ENGINE COMPANY

a Mississippi corporation

Date: November 12, 2019

By: /s/ Darrin C. Siver
Darrin C. Siver
Vice President

SUBSIDIARIES OF THE REGISTRANT (a)

Name	State or Country of Incorporation	Names Under Which Company Or Subsidiaries Do Business
PACCAR of Canada Ltd.	Canada	PACCAR of Canada Ltd. Canadian Kenworth Co. Peterbilt of Canada PACCAR Parts of Canada
PACCAR Australia Pty. Ltd.	Australia	PACCAR Australia Pty. Ltd. Kenworth Trucks PACCAR Parts DAF Trucks Australia
PACCAR Financial Pty. Ltd. (b)	Australia	PACCAR Financial Pty. Ltd.
PACCAR Mexico, S.A. de C.V.	Mexico	PACCAR Mexico, S.A. de C.V.
Kenworth Mexicana, S.A. de C.V. (c)	Mexico	Kenworth Mexicana, S.A. de C.V. Kenmex
PACCAR Capital Mexico, S.A. de C.V. (c)	Mexico	PACCAR Capital Mexico, S.A. de C.V.
PACCAR Parts Mexico, S.A. de C.V. (c)	Mexico	PACCAR Parts Mexico, S.A. de C.V.
PacLease Mexicana, S.A. de C.V. (c)	Mexico	PacLease Mexicana, S.A. de C.V. PacLease
PACCAR Financial Mexico, S.A. de C.V. (d)	Mexico	PACCAR Financial Mexico, S.A. de C.V.
DAF Caminhões Brasil Indústria Ltda. (e)	Brasil	DAF Brasil
DAF Trucks N.V. (e)	Netherlands	DAF Trucks N.V. PACCAR Parts Europe
DAF Trucks Vlaanderen N.V. (f)	Belgium	DAF Trucks Vlaanderen N.V.
DAF Trucks Limited (U.K.) (f)	United Kingdom	DAF Trucks Limited (U.K.)
DAF Trucks Deutschland GmbH (f)	Germany	DAF Trucks Deutschland GmbH
DAF Trucks France, S.A.R.L. (f)	France	DAF Trucks France, S.A.R.L.
DAF Trucks Norge AS (f)	Norway	DAF Trucks Norge AS
DAF Vehiculos Industriales S.A.U. (f)	Spain	DAF Vehiculos Industriales S.A.U.
DAF Veicoli Industriali S.P.A. (f)	Italy	DAF Veicoli Industriali S.P.A.
DAF Trucks Polska SP.Z.O.O. (f)	Poland	DAF Trucks Polska SP.Z.O.O.
PACCAR Trucks U.K. Ltd. (e)	England and Wales	PACCAR Trucks U.K. Ltd.
PACCAR Parts U.K. Limited (g)	England and Wales	PACCAR Parts U.K. Limited
Leyland Trucks Limited (h)	England and Wales	Leyland Trucks Limited
PACCAR Engine Company	Mississippi	PACCAR Engine Company
PACCAR Machinery Corporation	Delaware	PACCAR Machinery Corporation
PACCAR Winch Inc.	Delaware	PACCAR Winch
PACCAR Financial Corp.	Washington	PACCAR Financial Corp. PACCAR Leasing Company

SUBSIDIARIES OF THE REGISTRANT (a)

Name	State or Country of Incorporation	Names Under Which Company Or Subsidiaries Do Business
PACCAR Financial Services Ltd. (i)	Canada	PACCAR Financial Services Ltd. PACCAR Leasing of Canada a division of PACCAR Financial Services Ltd.
PACCAR Financial Ltd. (j)	Canada	PACCAR Financial Ltd.
PACCAR Sales North America, Inc.	Delaware	PACCAR Sales North America, Inc.
PACCAR Holding B.V. (k)	Netherlands	PACCAR Holding B.V.
PACCAR Financial Europe B.V. (e)	Netherlands	PACCAR Financial Europe B.V.
PACCAR Financial Holdings Europe B.V. (l)	Netherlands	PACCAR Financial Holdings Europe B.V.
PACCAR Financial Belux BVBA (m)	Belgium	PACCAR Financial Belux BVBA
PACCAR Financial Deutschland GmbH (m)	Germany	PACCAR Financial Deutschland GmbH
PACCAR Leasing GmbH (m)	Germany	PACCAR Leasing Europe
PACCAR Financial Espana S.L.U. (m)	Spain	PACCAR Financial Espana S.L.U.
PACCAR Financial France S.A.S. (m)	France	PACCAR Financial France S.A.S.
PACCAR Financial Italia S.r.l. (m)	Italy	PACCAR Financial Italia S.r.l.
PACCAR Financial PLC (m)	United Kingdom	PACCAR Financial PLC
PACCAR Financial Nederland B.V. (m)	Netherlands	PACCAR Financial Nederland B.V.
PACCAR Financial Services Europe B.V. (m)	Netherlands	PACCAR Financial Services Europe B.V.
PACCAR Participações Ltda. (l))	Brasil	PACCAR Participações Ltda.)
Banco PACCAR S.A. (n) (fka: PACCAR Representações S.A.)	Brasil	Banco PACCAR S.A. (fka: PACCAR Representações S.A.)
PACCAR Holdings Panamá, S.A. (k)	Panama	PACCAR Holdings Panamá, S.A.
PACCAR Colombia S.A.S. (k)	Columbia	PACCAR Colombia S.A.S.

- (a) The names of some subsidiaries have been omitted. Considered in the aggregate, omitted subsidiaries would not constitute a significant subsidiary. Unless otherwise noted, each subsidiary listed below is a wholly-owned direct subsidiary of PACCAR Inc.
- (b) A wholly owned subsidiary of PACCAR Australia Pty. Ltd.
- (c) A wholly owned subsidiary of PACCAR Mexico, S.A. de C.V.
- (d) A wholly owned subsidiary of Truck Acceptance LLC, which is a wholly owned subsidiary of PACCAR Capital Mexico, S.A. de C.V.
- (e) A wholly owned subsidiary of PACCAR Holding B.V.
- (f) A wholly owned subsidiary of DAF Trucks N.V.
- (g) A wholly owned subsidiary of PACCAR Trucks U.K. Ltd.
- (h) A wholly owned subsidiary of PACCAR Parts U.K. Limited
- (i) A wholly owned subsidiary of PACCAR of Canada Ltd.
- (j) A wholly owned subsidiary of PACCAR Financial Services Ltd.
- (k) A wholly owned subsidiary of PACCAR Sales North America, Inc.
- (l) A wholly owned subsidiary of PACCAR Financial Europe B.V.
- (m) A wholly owned subsidiary of PACCAR Financial Holdings Europe B.V.
- (n) A wholly owned subsidiary of PACCAR Participações Ltda.

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the following Registration Statements:

- A. the Registration Statement (Form S-8 No. 333-190467) pertaining to the PACCAR Inc Savings Investment Plan,
- B. the Registration Statement (Form S-8 No. 333-139544) pertaining to the PACCAR Inc Savings Investment Plan,
- C. the Registration Statement (Form S-8 No. 333-120238) pertaining to the PACCAR Inc Restricted Stock and Deferred Compensation Plan for Non-Employee Directors,
- D. the Registration Statement (Form S-8 No. 333-103706) pertaining to the Long Term Incentive Plan of PACCAR Inc,
- E. the Registration Statement (Form S-8 No. 333-52230) pertaining to the PACCAR Inc Savings Investment Plan,
- F. the Registration Statement (Form S-8 No. 333-36712) pertaining to the PACCAR Inc Restricted Stock and Deferred Compensation Plan for Non-Employee Directors,
- G. the Registration Statement (Form S-8 No. 333-39161) pertaining to the 1991 Long Term Incentive Plan of PACCAR Inc, and
- H. the Registration Statement (Form S-8 No. 33-47763) pertaining to the 1991 Long Term Incentive Plan of PACCAR Inc;

of our reports dated February 19, 2020, with respect to the consolidated financial statements of PACCAR Inc, and the effectiveness of internal control over financial reporting of PACCAR Inc included in this Annual Report (Form 10-K) of PACCAR Inc for the year ended December 31, 2019.

/s/ Ernst & Young LLP

Seattle, Washington
February 19, 2020

POWER OF ATTORNEY

We, the undersigned directors of PACCAR Inc (the “Company”), a Delaware corporation, hereby severally constitute and appoint M. C. Pigott our true and lawful attorney-in-fact, to sign for us, in our names and in our capacity as directors, an Annual Report on Form 10-K on behalf of the Company for the year ending December 31, 2019 and any amendments thereto, and to file the same with the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended.

IN WITNESS WHEREOF, each of the undersigned has executed this power of attorney as of this 10th day of December, 2019.

/s/ A. J. Carnwath

A. J. Carnwath
Director, PACCAR Inc

/s/ R. C. McGeary

R. C. McGeary
Director, PACCAR Inc

/s/ F. L. Feder

F. L. Feder
Director, PACCAR Inc

/s/ J. M. Pigott

J. M. Pigott
Director, PACCAR Inc

/s/ R. P. Feight

R. P. Feight
Director, PACCAR Inc

/s/ M. A. Schulz

M. A. Schulz
Director, PACCAR Inc

/s/ B. E. Ford

B. E. Ford
Director, PACCAR Inc

/s/ G. M. E. Spierkel

G. M. E. Spierkel
Director, PACCAR Inc

/s/ K. S. Hachigian

K. S. Hachigian
Director, PACCAR Inc

/s/ C. R. Williamson

C. R. Williamson
Director, PACCAR Inc

CERTIFICATION

I, R. Preston Feight, certify that:

1. I have reviewed this annual report on Form 10-K of PACCAR Inc;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

Date February 19, 2020

/s/ R. Preston Feight

R. Preston Feight

Chief Executive Officer

(Principal Executive Officer)

CERTIFICATION

I, Harrie C.A.M. Schippers, certify that:

1. I have reviewed this annual report on Form 10-K of PACCAR Inc;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal controls over financial reporting.

Date February 19, 2020

/s/ Harrie C.A.M. Schippers
Harrie C.A.M. Schippers
President and Chief Financial Officer
(Principal Financial Officer)

**CERTIFICATION PURSUANT TO SECTION 906
OF THE SARBANES-OXLEY ACT OF 2002 (18 U.S.C. SECTION 1350)**

In connection with the Annual Report of PACCAR Inc (the “Company”) on Form 10-K for the year ended December 31, 2019 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), the undersigned certify, pursuant to section 906 of the Sarbanes-Oxley Act of 2002 (18 U.S.C. section 1350), that to the best of our knowledge and belief:

- (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date February 19, 2020

By /s/ R. Preston Feight
R. Preston Feight
Chief Executive Officer
PACCAR Inc
(Principal Executive Officer)

By /s/ Harrie C.A.M. Schippers
Harrie C.A.M. Schippers
President and Chief Financial Officer
PACCAR Inc
(Principal Financial Officer)

A signed original of this written statement required by Section 906 has been provided to the Company and will be retained by the Company and furnished to the Securities and Exchange Commission or its staff upon request.