

CONTENTS

Overview

- 01 2017 Highlights
- 02 Our Business at a Glance
- 04 Financial and Operating Measures

Markets

- 06 Market Overview
- 09 Petroleum and Chemicals
- 10 Metals and Minerals
- 11 Forest Products
- 12 Coal
- 13 Grain and Fertilizers
- 14 Intermodal
- 15 Automotive

Financials

- 16 Quarterly Consolidated Statements of Income
- 17 Quarterly Consolidated Balance Sheets
- 18 Quarterly Consolidated Statements of Cash Flows
- 20 Quarterly Financial and Statistical Data
- 22 Non-GAPP Measures
- 25 Shareholder and Investor Information

Except where otherwise indicated, all financial information reflected in this document is expressed in Canadian dollars and determined on the basis of United States generally accepted accounting principles (GAAP).

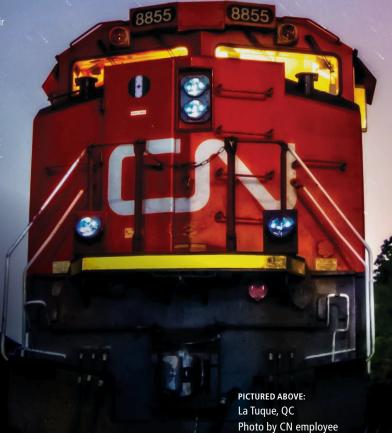
FORWARD-LOOKING STATEMENTS:

As used herein, the terms "CN", the "Company", "we", "our", and "us" refer to Canadian National Railway Company and, as the context requires, its wholly-owned subsidiaries.

Certain statements included in the 2018 CN Investor Fact Book Update constitute "forward-looking statements" within the meaning of the United States Private Securities Litigation Reform Act of 1995 and under Canadian securities laws. By their nature, forward-looking statements involve risks, uncertainties and assumptions. The Company cautions that its assumptions may not materialize and that current economic conditions render such assumptions, although reasonable at the time they were made, subject to greater uncertainty. Forward-looking statements may be identified by the use of terminology such as "believes", "expects", "anticipates", "assumes", "outlook", "plans", "targets", or other similar words.

Forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors which may cause the actual results or performance of the Company to be materially different from the outlook or any future results or performance implied by such statements Accordingly, readers are advised not to place undue reliance on forward-looking statements. Important risk factors that could affect the forward-looking statements include, but are not limited to, the effects of general economic and business conditions; industry competition; inflation, currency and interest rate fluctuations; changes in fuel prices; legislative and/or regulatory developments; compliance with environmental laws and regulations; actions by regulators; increases in maintenance and operating costs; security threats; reliance on technology and related cybersecurity risk; trade restrictions or other changes to international trade arrangements; transportation of hazardous materials; various events which could disrupt operations, including natural events such as severe weather, droughts, fires, floods and earthquakes; climate change; labor negotiations and disruptions; environmental claims; uncertainties of investigations, proceedings or other types of claims and litigation; risks and liabilities arising from derailments; timing and completion of capital programs; and other risks detailed from time to time in reports filed by CN with securities regulators in Canada and the United States. Reference should be made to Management's Discussion and Analysis in CN's annual and interim reports, Annual Information Form and Form 40-F, filed with Canadian and U.S. securities regulators and available on CN's website (www.cn.ca/investors), for a description of major risk factors.

Forward-looking statements reflect information as of the date on which they are made. CN assumes no obligation to update or revise forward-looking statements to reflect future events, changes in circumstances, or changes in beliefs, unless required by applicable securities laws. In the event CN does update any forward-looking statement, no inference should be made that CN will make additional updates with respect to that statement, related matters, or any other forward-looking statement.



Olivier Blackburn.

Photo by CN employee

COVER:

Geikie, AB

Tim Stevens.

2017 Highlights

CREATING VALUE FOR OUR SHAREHOLDERS

TOTAL REVENUES

\$13.0B

DIVIDENDS PER SHARE

\$1.65

1) See pages 22-24 for an explanation of these non-GAAP measures.

OPERATING RATIO

57.4%

DILUTED EARNINGS PER SHARE

\$7.24

FREE CASH FLOW¹⁾

\$2.8B

ADJUSTED DILUTED EARNINGS PER SHARE¹⁾

\$4.99

289%

SHARE PRICE RETURN SINCE JANUARY 2010¹⁾

CN's share price on the TSX (CNR) has increased at a compound annual growth rate (CAGR) of 19% since our initial public offering (IPO) in 1995.

CN'S STOCK PERFORMANCE (2010 - 2017)1) (Index: Closing price on January 29, 2010 = 100) CNR (TSX) 400 CNI (NYSE) 350 S&P 500 300 CAD/USD \$ 250 200 100 50 2011 2012 2012 2013 2014 2015 2016 2017 1) As at December 29, 2017 Source: Bloomberg



Scale

2ND LARGEST INDUSTRIAL COMPANY IN CANADA

CN is the second largest Canadian non-bank company by market capitalization and the fifth largest firm traded on the TSX. CN's market capitalization has increased over 30 times the value of our IPO in 1995.

Our Business at a Glance

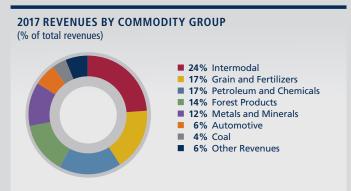
A GREAT AND DIVERSIFIED FRANCHISE

CN is a leading North American transportation and logistics company, and our 19,500-mile network spans Canada and Mid-America, connecting ports on three coasts. Our resource-rich, manufacturing-intensive network, along with our co-production agreements, routing protocols, marketing alliances and interline agreements, provide connections to consumers across North America.

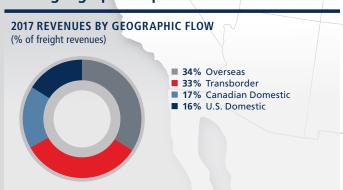
We offer fully integrated rail and other transportation services, including intermodal, trucking, freight forwarding, warehousing and distribution. Serving exporters, importers, retailers and manufacturers, we move raw materials, intermediate goods and finished products to market, fostering the prosperity of the markets we serve.



Balanced and diverse portfolio



Broad geographic exposure





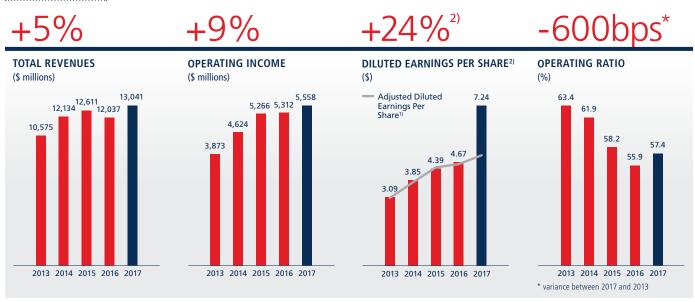
Financial and Operating Measures

Financial measures

	2013	2014	2015	2016	2017
KEY FINANCIAL PERFORMANCE INDICATORS					
Total revenues (\$ millions)	10,575	12,134	12,611	12,037	13,041
Rail freight revenues (\$ millions)	9,951	11,455	11,905	11,326	12,293
Operating income (\$ millions)	3,873	4,624	5,266	5,312	5,558
Net income (\$ millions)	2,612	3,167	3,538	3,640	5,484
Adjusted net income (\$ millions) ¹⁾	2,582	3,095	3,580	3,581	3,778
Diluted earnings per share (\$)	3.09	3.85	4.39	4.67	7.24
Adjusted diluted earnings per share (\$)1)	3.06	3.76	4.44	4.59	4.99
Free cash flow (\$ millions) 1)	1,623	2,220	2,373	2,520	2,778
Gross property additions (\$ millions)	2,017	2,297	2,706	2,752	2,703
Share repurchases (\$ millions)	1,400	1,505	1,750	2,000	2,000
Dividends per share (\$)	0.86	1.00	1.25	1.50	1.65
FINANCIAL POSITION					
Total assets (\$ millions)	29,988	31,687	36,402	37,057	37,629
Total liabilities (\$ millions)	17,035	18,217	21,452	22,216	20,973
Shareholders' equity (\$ millions)	12,953	13,470	14,950	14,841	16,656
FINANCIAL RATIOS					
Operating ratio (%)	63.4	61.9	58.2	55.9	57.4
Adjusted debt-to-adjusted EBITDA multiple (times) 1)	1.72	1.57	1.71	1.75	1.65

¹⁾ See pages 22-24 for an explanation and reconciliation of these non-GAAP measures.

2017 VS. 2013 CAGR



2) In 2017, includes a deferred income tax recovery resulting from the enactment of a lower U.S. federal corporate income tax rate due to the U.S. Tax Cuts and Jobs Act ("U.S. Tax Reform").

Operating measures³⁾

	2013	2014	2015	2016	2017
STATISTICAL OPERATING DATA					
Gross ton miles (GTMs) (billions)	401.4	448.8	442.1	423.4	469.2
Revenue ton miles (RTMs) (billions)	210.1	232.1	224.7	214.3	237.1
Carloads (thousands)	5,190	5,625	5,485	5,205	5,737
Route miles (includes Canada and the U.S.)	20,000	19,600	19,600	19,600	19,500
Employees (end of year)	23,721	25,288	23,066	22,249	23,945
Employees (average for the year)	23,705	24,525	24,406	22,322	23,074
KEY OPERATING MEASURES					
Rail freight revenue per RTM (cents)	4.74	4.93	5.30	5.28	5.18
Rail freight revenue per carload (\$)	1,917	2,036	2,170	2,176	2,143
GTMs per average number of employees (thousands)	16,933	18,298	18,114	18,969	20,335
Operating expenses per GTM (cents)	1.67	1.67	1.66	1.59	1.59
Labor and fringe benefits expense per GTM (cents)	0.54	0.52	0.54	0.50	0.47
Diesel fuel consumed (US gallons in millions)	403.7	440.5	425.0	398.9	441.4
Average fuel price (\$/US gallon)	3.55	3.72	2.68	2.34	2.74
GTMs per US gallon of fuel consumed	994	1,019	1,040	1,061	1,063
OPERATING METRICS					
Car velocity (car miles per day)	205	199	224	236	211
Yard productivity (cars per yard switching hour)	42	44	48	51	51
Locomotive utilization (Trailing GTMs per total horsepower)	205	212	219	230	225
Train productivity (GTMs per train mile)	8,438	8,625	8,739	9,314	9,424
AAR Terminal dwell time (entire railroad, hours)	15.8	16.9	15.0	14.0	16.2
AAR Train velocity (miles per hour)	26.6	25.7	26.3	27.3	25.3
CN ROLLING STOCK					
Diesel locomotives (end of year)	2,029	2,087	2,180	2,268	2,285
Freight cars (end of year)	67,103	68,432	63,913	63,442	65,019

³⁾ Statistical operating data, key operating measures and rolling stock information are unaudited and based on estimated data available at such time and are subject to change as more complete information becomes available. Definitions of these indicators are provided on our website, www.cn.ca/glossary.

2017 VS. 2013 CAGR





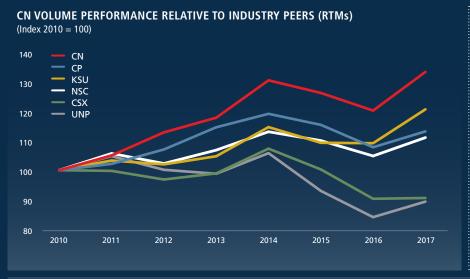
Market Overview

CREATING VALUE FOR OUR CUSTOMERS

CN's freight revenues are derived from seven commodity groups representing a balanced and diversified portfolio of goods. This product diversity positions CN to better weather economic fluctuations and enhances our potential for growth opportunities.

CN's business model is based on continuous improvement and a supply chain mindset that allows us to view service the same way our customers do. This unique approach builds on our foundational strengths and fosters collaboration in every market. For example, CN has service level agreements with all our port terminal operators that focus on improving port dwell times. These agreements are one way to ensure loaded containers move quickly to their end destination. Many of our business segments, like Coal, Grain, Iron Ore and Auto Parts, are fully integrated into every step of their respective supply chains, from true origin to ultimate destination. All of our business units endeavour to work closely with their customers to understand their market cycles, anticipate future demand and ensure alignment to penetrate new markets and increase efficiency.

Delivering on our growth agenda



+32%

INCREASE IN RTMs SINCE 2010

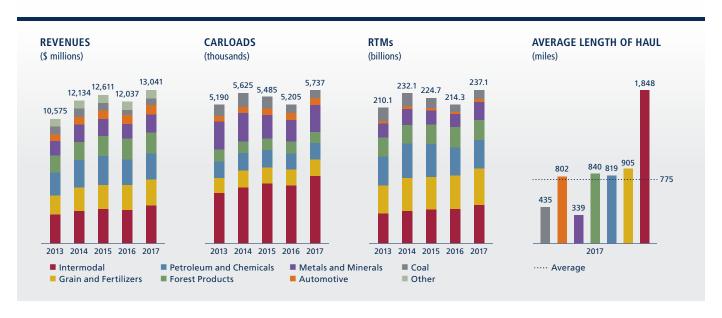
CN's objective is to grow our business faster than the overall North American economy. CN has demonstrated a strong track record of growth, outpacing the economy and our railroad industry peers.

Business Unit Performance

						venues \$ millions					_	Carloads housands
	2013	2014	2015	2016	2017	% Change ¹⁾	2013	2014	2015	2016	2017	% Change ¹⁾
Petroleum and Chemicals	1,952	2,354	2,442	2,174	2,208	2%	611	655	640	599	614	3%
Metals and Minerals	1,240	1,484	1,437	1,218	1,523	25%	1,048	1,063	886	807	995	23%
Forest Products	1,424	1,523	1,728	1,797	1,788	(1%)	446	433	441	440	424	(4%)
Coal	713	740	612	434	535	23%	416	519	438	333	303	(9%)
Grain and Fertilizers	1,638	1,986	2,071	2,098	2,214	6%	572	640	607	602	619	3%
Intermodal	2,429	2,748	2,896	2,846	3,200	12%	1,875	2,086	2,232	2,163	2,514	16%
Automotive	555	620	719	759	825	9%	222	229	241	261	268	3%
Total rail freight	9,951	11,455	11,905	11,326	12,293	9%	5,190	5,625	5,485	5,205	5,737	10%
Other	624	679	706	711	748	5%		·····				•
Total	10,575	12,134	12,611	12,037	13,041	8%		·····				•

						RTMs millions				Average	elength	of haul miles
	2013	2014	2015	2016	2017	% Change ¹⁾	2013	2014	2015	2016	2017	% Change ¹⁾
Petroleum and Chemicals	44,634	53,169	51,103	43,395	44,375	2%	825	907	897	821	819	0%
Metals and Minerals	21,342	24,686	21,828	20,233	27,938	38%	257	291	307	313	339	8%
Forest Products	29,630	29,070	30,097	31,401	30,510	(3%)	784	798	810	836	840	0%
Coal	22,315	21,147	15,956	11,032	14,539	32%	471	354	317	292	435	49%
Grain and Fertilizers	43,180	51,326	50,001	51,485	56,123	9%	764	808	831	865	905	5%
Intermodal	46,291	49,581	52,144	53,056	59,356	12%	1,802	1,777	1,822	1,841	1,848	0%
Automotive	2,741	3,159	3,581	3,725	4,257	14%	642	712	766	730	802	10%
	210,133	232,138	224,710	214,327	237,098	11%	681	692	727	749	775	3%

^{1) %} change from 2016 to 2017.



Petroleum and Chemicals

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



- **45**% Chemicals and Plastics
- 36% Refined Petroleum Products
- 15% Crude and Condensate
- 4% Sulfur

\$2,208M

2017 REVENUES

KEY FACTS

- CN is the only rail carrier servicing three major petrochemical centers in North America: the Alberta Heartland, the U.S. Gulf Coast and Southwestern Ontario
- CN handles over 50% of all Canadian chemicals production
- Petroleum and chemicals shipments move in customer-supplied private cars

COMMODITIES

PETROLEUM PRODUCTS

• Propane, butane, crude oil, gasoline, diesel, fuel oil, lubricants, asphalt, condensate

CHEMICALS AND PLASTICS

 Polyethylene, caustic soda, sulfuric acid, pulp mill chemicals

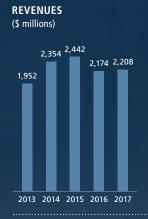
CARLOADS

Molten and dry sulfur

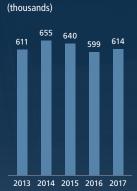
MARKET DRIVERS

- North American industrial production
- North American oil and gas production
- · Chemicals and plastics feedstock prices
- Investment by supply chain partners

Metrics

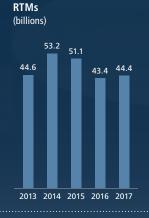








+0.1%







-0.2%

Metals and Minerals

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



\$1,523M

2017 REVENUES

KEY FACTS

- CN serves 10 aluminum smelters, more than any other railroad in North America
- CN is the top mover of aluminum, iron ore and base metal ore in North America

COMMODITIES

METALS AND MINERALS

 Steel, non-ferrous ores and base metals, construction materials, machinery and large loads

ENERGY MATERIALS

Frac sand and pipe

IRON ORE

MARKET DRIVERS

- Manufacturing production (e.g., automobiles, railcars, heavy equipment, aerospace)
- Non-residential construction activity
- Government spending on infrastructure projects
- · Energy development projects
- World demand for ores and metals

Metrics









717 VS. 2013 CAGN

+5.3%

-1.3%

+7.0%

+7.2%

Forest **Products**

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



\$1,788M

2017 REVENUES

KEY FACTS

- Largest rail carrier of forest products in North America
- Over 10% of total CN revenue tied to housing market
- Centrebeam fleet consists of over 11,000 premium cars

COMMODITIES

LUMBER & PANELS

• Lumber, oriented strand board panels, plywood and siding

PULP & PAPER

 Wood pulp, newsprint, printing paper, logs, wood chips, wood pellets, clay

MARKET DRIVERS

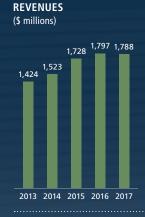
LUMBER & PANELS

• Residential construction and remodeling activity

PULP & PAPER

 Global consumption of paper, tissue and packaging

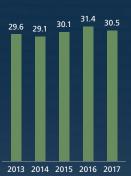
Metrics



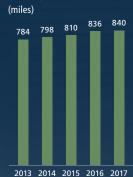
CARLOADS (thousands) 446



RTMs (billions) 29.6 29.1 30.1



AVERAGE LENGTH OF HAUL



2017 vs. 2013 CAGR

+5.9%

+0.8%

+1.7%

Coal

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



- 28% Canadian Coal Export
- 27% U.S. Coal Export
- **26**% Petroleum Coke
- 19% U.S. Coal Domestic

\$535M

2017 REVENUES

KEY FACTS

- Canadian coal consists of both thermal and metallurgical coal
- U.S. coal is 100% thermal coal
- Overall, coal represents 4% of CN revenues

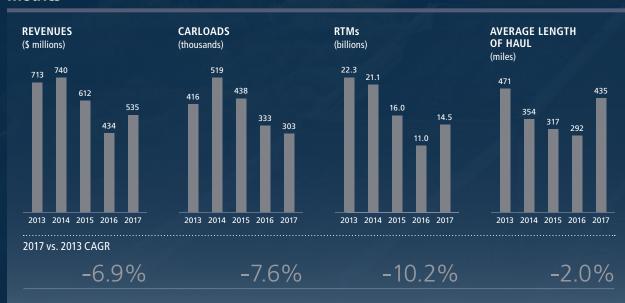
COMMODITIES

- Thermal grades of bituminous coal and metallurgical coal
- · Petroleum coke

MARKET DRIVERS

- Price of natural gas
- Weather
- Environmental regulations
- Global supply/demand conditions

Metrics



Grain and Fertilizers

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



- 39% Canadian Grain Regulated
- 14% Canadian Grain Commercial ■ 20% U.S. Grain – Domestic
- 5% U.S. Grain Exports
- 12% Fertilizers Potash
- 10% Fertilizers Other

\$2,214M

2017 REVENUES

KEY FACTS

- Regulated Canadian grain accounts for roughly over 6% of CN's total revenue
- CN's U.S. grain franchise is concentrated in Illinois, Iowa, Michigan and Wisconsin
- CN competes directly with barges on the Mississippi River in the U.S.

COMMODITIES

GRAIN

 Wheat, oats, barley, peas, corn, ethanol, dried distillers grain, canola seed and canola products, soybeans and soybean products

FERTILIZER

 Potash, ammonia nitrate, urea, phosphate fertilizers

MARKET DRIVERS

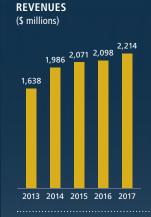
GRAIN

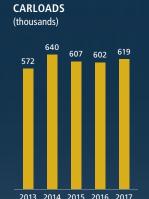
 Weather conditions, seeded and harvested acreage, mix of grain crops and crop yield, size and quality of individual crops, international market conditions

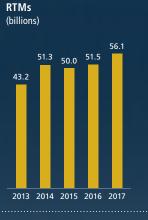
FERTILIZER

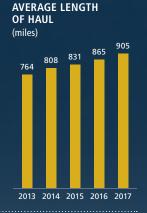
• Input prices, demand, government policies, international competition

Metrics









2017 vs. 2013 CAGR

+7.8%

+2.0%

+6.8%

+4.3%

Markets

Intermodal

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



■ 66% International ■ 34% Domestic

\$3,200M

2017 REVENUES

KEY FACTS

- CNTL is one of Canada's largest trucking companies
- CargoCool® has one of Canada's largest reefer fleets
- Only railroad provider of Mobile Transport Trays (MTT)
- · Dedicated customer service desk

COMMODITIES

INTERNATIONAL

Import and export containerized traffic

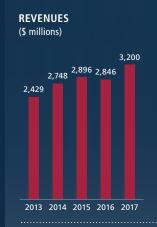
DOMESTIC

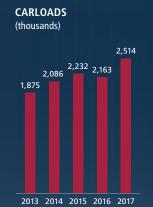
- · Consumer products for large retailers
- Raw materials, manufactured goods and consumer products for wholesale trucking and logistics clients

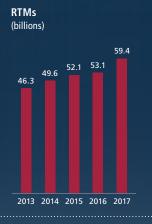
MARKET DRIVERS

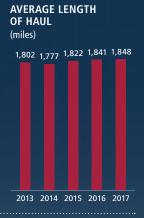
- North American economy and consumer spending
- Global trade patterns
- North American industrial production

Metrics









2017 vs. 2013 CAGR

+71%

+7.6%

+6.4%

+0.6%

Automotive

Business unit overview

2017 COMMODITY BREAKDOWN

(% of revenues)



\$825M

2017 REVENUES

KEY FACTS

- Over 2.4 million finished vehicles handled annually
- 18 automotive compound facilities
- Serving 13 North American vehicle assembly plants
- 5,700 multi-level railcars in CN's fleet

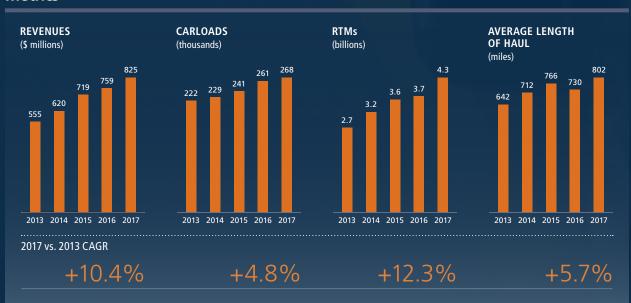
COMMODITIES

- · Finished vehicles
- Auto parts

MARKET DRIVERS

- Automotive production and sales in North America
- Consumer confidence and disposable income
- Average age of vehicles in North America
- · Price of fuel

Metrics



Financials

Quarterly Consolidated Statements of Income

ш	n	21	10	lit	Pr	4

Unaudited										
(\$ millions, unless otherwise indicated)					2045					2047
	Q1	Q2	Q3	Q4	2016 Year	Q1	Q2	Q3	Q4	2017 Year
	<u> </u>		- 40	<u> </u>		<u> </u>			<u> </u>	
REVENUES	2,964	2,842	3,014	3,217	12,037	3,206	3,329	3,221	3,285	13,041
OPERATING EXPENSES										
Labor and fringe benefits	590	469	495	565	2,119	580	527	525	589	2,221
Purchased services and material	408	377	379	428	1,592	440	432	424	473	1,769
Fuel	235	243	261	312	1,051	342	329	312	379	1,362
Depreciation and amortization	307	296	312	310	1,225	323	326	316	316	1,281
Equipment rents	95	92	92	96	375	101	103	107	107	418
Casualty and other	112	72	68	111	363	117	117	78	120	432
Total operating expenses	1,747	1,549	1,607	1,822	6,725	1,903	1,834	1,762	1,984	7,483
Operating income	1,217	1,293	1,407	1,395	5,312	1,303	1,495	1,459	1,301	5,558
Interest expense	(123)	(116)	(118)	(123)	(480)	(122)	(123)	(119)	(117)	(481)
Other income (loss)	5	(1)		91	95	2	1	5	4	12
Income before income taxes	1,099	1,176	1,289	1,363	4,927	1,183	1,373	1,345	1,188	5,089
Income tax recovery (expense)	(307)	(318)	(317)	(345)	(1,287)	(299)	(342)	(387)	1,423	395
Net income	792	858	972	1,018	3,640	884	1,031	958	2,611	5,484
Operating ratio	58.9%	54.5%	53.3%	56.6%	55.9%	59.4%	55.1%	54.7%	60.4%	57.4%
EARNINGS PER SHARE (\$)										
Basic	1.01	1.10	1.26	1.33	4.69	1.16	1.36	1.28	3.50	7.28
Diluted	1.00	1.10	1.25	1.32	4.67	1.16	1.36	1.27	3.48	7.24
WEIGHTED AVERAGE NUMBER OF SHARES (millions)										
Basic	786.1	778.9	772.3	766.7	776.0	761.3	756.1	751.1	746.2	753.6
Diluted	789.0	782.0	775.7	770.1	779.2	764.5	759.7	755.0	750.0	757.3
Dividends declared per share (\$)	0.3750	0.3750	0.3750	0.3750	1.5000	0.4125	0.4125	0.4125	0.4125	1.6500

Quarterly Consolidated Balance Sheets

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(\$ millions)								
				2016				2017
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ASSETS								
Current assets								
Cash and cash equivalents	188	160	215	176	265	131	109	70
Restricted cash and cash equivalents	522	510	500	496	459	461	482	483
Accounts receivable	861	799	863	875	903	899	973	984
Material and supplies	432	451	405	363	412	453	422	424
Other current assets	237	202	186	197	270	213	137	229
Total current assets	2,240	2,122	2,169	2,107	2,309	2,157	2,123	2,190
Properties	31,813	32,120	32,959	33,755	33,686	33,656	33,460	34,189
Pension asset	1,450	1,559	1,651	907	1,061	1,160	1,260	994
Intangible and other assets	300	293	289	288	274	272	261	256
Total assets	35,803	36,094	37,068	37,057	37,330	37,245	37,104	37,629
Current liabilities Accounts payable and other Current portion of long-term debt Total current liabilities	1,571 987 2,558	1,488 1,238 2,726	1,621 671 2,292	1,519 1,489 3,008	1,643 1,563 3,206	1,733 1,815 3,548	1,753 1,723 3,476	1,903 2,080 3,983
Deferred income taxes	8,029	8,166	8,374	8,473	8,586	8,630	8,606	6,953
Other liabilities and deferred credits	597	602	575	593	605	589	568	590
Pension and other postretirement benefits	704	703	691	694	690	685	678	699
Long-term debt	9,141	9,084	10,022	9,448	9,361	8,742	8,691	8,748
SHAREHOLDERS' EQUITY								
Common shares	3,731	3,722	3,734	3,730	3,795	3,785	3,776	3,780
Common shares in Share Trusts	(77)	(77)	(77)	(137)	(113)	(113)	(113)	(168)
Additional paid-in capital	396	365	358	364	209	222	228	242
Accumulated other comprehensive loss	(1,925)	(1,913)	(1,831)	(2,358)	(2,357)	(2,416)	(2,522)	(2,784)
Retained earnings	12,649	12,716	12,930	13,242	13,348	13,573	13,716	15,586
Total shareholders' equity	14,774	14,813	15,114	14,841	14,882	15,051	15,085	16,656
Total liabilities and shareholders' equity	35,803	36,094	37,068	37,057	37,330	37,245	37,104	37,629

Financials

Quarterly Consolidated Statements of Cash Flows

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(\$ millions)										
					2016					2017
	Q1	Q2	Q3	Q4	Year	Q1	Q2	Q3	Q4	Year
OPERATING ACTIVITIES										
Net income	792	858	972	1,018	3,640	884	1,031	958	2,611	5,484
Adjustments to reconcile net income to net cash provided by operating activities:	•			-						
Depreciation and amortization	307	296	312	310	1,225	323	326	316	316	1,281
Deferred income taxes	155	171	138	240	704	145	134	129	(1,603)	(1,195)
Gain on disposal of property	_	_	_	(76)	(76)	_	_	_	_	-
Changes in operating assets and liabilities:	•				•	•		•		
Accounts receivable	(27)	66	(47)	5	(3)	(31)	(6)	(91)	3	(125)
Material and supplies	(86)	(6)	46	44	(2)	(50)	(44)	26	(2)	(70)
Accounts payable and other	(8)	(73)	106	(76)	(51)	139	102	59	118	418
Other current assets	(6)	24	23	(20)	21	(71)	4	48	(61)	(80)
Pensions and other, net	(62)	(65)	(62)	(67)	(256)	(83)	(42)	(39)	(33)	(197)
Net cash provided by operating activities	1,065	1,271	1,488	1,378	5,202	1,256	1,505	1,406	1,349	5,516
INVESTING ACTIVITIES										
Property additions	(469)	(670)	(890)	(666)	(2,695)	(396)	(675)	(724)	(878)	(2,673)
Disposal of property	_	_	_	85	85	-	-	-	_	-
Other, net	(12)	(16)	(24)	(20)	(72)	(12)	(19)	(20)	(14)	(65)
Net cash used in investing activities	(481)	(686)	(914)	(601)	(2,682)	(408)	(694)	(744)	(892)	(2,738)

Unaudited

(\$ millions)					2016					2017
	Q1	Q2	Q3	Q4	Year	Q1	Q2	Q3	Q4	Year
FINANCING ACTIVITIES										
Issuance of debt	677	_	832	_	1.509	_	_	493	423	916
Repayment of debt	(111)	(387)	(18)	(439)	(955)	(10)	(29)	(25)	(777)	(841)
Net issuance (repayment) of										
commercial paper	(300)	622	(586)	401	137	89	(112)	(260)	662	379
Settlement of foreign exchange forward	•					•		•		
contracts on long-term debt	(1)	(23)	9	(6)	(21)	(3)	7	(34)	15	(15)
Issuance of common shares for stock										
options exercised	11	4	31	15	61	13	13	12	20	58
Withholding taxes remitted on the net										
settlement of equity settled awards	(25)	(11)	(4)	(4)	(44)	(52)		(3)	(2)	(57)
Repurchase of common shares	(512)	(532)	(502)	(446)	(1,992)	(499)	(505)	(539)	(473)	(2,016)
Purchase of common shares for										
settlement of equity settled awards	_	(10)	(4)	(1)	(15)	(19)	(1)	(2)	(3)	(25)
Purchase of common shares by Share Trusts				(60)	(60)	_			(55)	(55)
Dividends paid	(293)	(291)	(288)	(287)	(1,159)	(313)	(310)	(309)	(307)	(1,239)
Net cash used in financing activities	(554)	(628)	(530)	(827)	(2,539)	(794)	(937)	(667)	(497)	(2,895)
Effect of foreign exchange fluctuations on US dollar-denominated cash, cash equivalents, restricted cash, and restricted cash equivalents	4	3	1	7	15	(2)	(6)	4	2	(2)
Net increase (decrease) in cash,										
cash equivalents, restricted cash,									f	
and restricted cash equivalents	34	(40)	45	(43)	(4)	52	(132)	(1)	(38)	(119)
Cash, cash equivalents, restricted cash, and restricted cash equivalents, beginning of period	676	710	670	715	676	672	724	592	591	672
Cash, cash equivalents, restricted cash,	070	710	070	/13	0/0	072	724	392	291	0/2
and restricted cash equivalents,										
end of period	710	670	715	672	672	724	592	591	553	553
Cash and cash equivalents,					-					
end of period	188	160	215	176	176	265	131	109	70	70
Restricted cash and cash equivalents,	••••									
end of period	522	510	500	496	496	459	461	482	483	483
Cash, cash equivalents, restricted cash, and restricted cash equivalents,	•							•		
end of period	710	670	715	672	672	724	592	591	553	553
SUPPLEMENTAL CASH FLOW INFORMATION										
Interest paid	(117)	(119)	(121)	(113)	(470)	(134)	(110)	(129)	(104)	(477)
Income taxes paid	(236)	(162)	(168)	(87)	(653)	(164)	(169)	(165)	(214)	(712)

Financials

Quarterly Financial and Statistical Data

Unaudited

					2016					2017
	Q1	Q2	Q3	Q4	Year	Q1	Q2	Q3	Q4	Year
REVENUES (\$ millions)										
Petroleum and chemicals	578	492	532	572	2,174	584	549	532	543	2,208
Metals and minerals	310	292	303	313	1,218	361	389	396	377	1,523
Forest products	462	439	449	447	1,797	447	464	440	437	1,788
Coal	93	95	110	136	434	129	126	135	145	535
Grain and fertilizers	522	432	497	647	2,098	607	530	492	585	2,214
Intermodal	693	697	736	720	2,846	742	815	827	816	3,200
Automotive	187	199	186	187	759	205	238	194	188	825
Total rail freight revenues	2,845	2,646	2,813	3,022	11,326	3,075	3,111	3,016	3,091	12,293
Other revenues	119	196	201	195	711	131	218	205	194	748
Total revenues	2,964	2,842	3,014	3,217	12,037	3,206	3,329	3,221	3,285	13,041
STATISTICAL OPERATING DATA										
Gross ton miles (GTMs) (millions)	103,468	99,999	105,535	114,424	423,426	116,235	117,195	118,171	117,599	469,200
Revenue ton miles (RTMs) (millions)	52,256	49,717	53,448	58,906	214,327	59,776	58,789	59,056	59,477	237,098
Carloads (thousands)	1,255	1,249	1,332	1,369	5,205	1,368	1,424	1,484	1,461	5,737
Route miles (includes Canada and the U.S.)	19,600	19,600	19,600	19,600	19,600	19,600	19,500	19,500	19,500	19,500
Employees (end of period)	22,636	22,162	22,166	22,249	22,249	22,549	23,089	23,428	23,945	23,945
Employees (average for the period)	22,694	22,230	22,134	22,231	22,322	22,396	22,858	23,183	23,859	23,074

Unaudited

					2016					2017
	Q1	Q2	Q3	Q4	Year	Q1	Q2	Q3	Q4	Year
KEY OPERATING MEASURES										
Rail freight revenue per RTM (cents)	5.44	5.32	5.26	5.13	5.28	5.14	5.29	5.11	5.20	5.18
Rail freight revenue per carload (\$)	2,267	2,118	2,112	2,207	2,176	2,248	2,185	2,032	2,116	2,143
GTMs per average number of employees (thousands)	4,559	4,498	4,768	5,147	18,969	5,190	5,127	5,097	4,929	20,335
Operating expenses per GTM (cents)	1.69	1.55	1.52	1.59	1.59	1.64	1.56	1.49	1.69	1.59
Labor and fringe benefits expense per GTM (cents)	0.57	0.47	0.47	0.49	0.50	0.50	0.45	0.44	0.50	0.47
Diesel fuel consumed (US gallons in millions)	103.7	93.6	94.3	107.3	398.9	113.2	108.9	107.1	112.2	441.4
Average fuel price (\$/US gallon)	2.07	2.30	2.43	2.58	2.34	2.76	2.65	2.56	2.98	2.74
GTMs per US gallon of fuel consumed	998	1,068	1,119	1,066	1,061	1,027	1,076	1,103	1,048	1,063
SAFETY INDICATORS 1)										
Injury frequency rate (per 200,000 person hours)	1.66	1.48	1.91	1.75	1.70	1.89	1.54	1.72	2.16	1.83
Accident rate (per million train miles)	1.11	1.57	1.31	1.71	1.42	1.54	1.61	2.03	2.18	1.83

¹⁾ Based on Federal Railroad Administration (FRA) reporting criteria.

Statistical operating data, key operating measures and safety indicators are unaudited and based on estimated data available at such time and are subject to change as more complete information becomes available. As such, certain of the comparative data have been restated. Definitions of these indicators are provided on our website, www.cn.ca/glossary.

Non-GAAP Measures

This document makes reference to non-GAAP measures that do not have any standardized meaning prescribed by GAAP and therefore, may not be comparable to similar measures presented by other companies. From management's perspective, these non-GAAP measures are useful measures of performance and provide investors with supplementary information to assess the Company's results of operations and liquidity. These non-GAAP measures should not be considered in isolation or as a substitute for financial measures prepared in accordance with GAAP.

Adjusted performance measures

Management believes that adjusted net income and adjusted earnings per share are useful measures of performance that can facilitate period-to-period comparisons, as they exclude items that do not necessarily arise as part of CN's day-to-day operations and could distort the analysis of trends in business performance. Management uses these

measures, which exclude certain income and expense items in its results that management believes are not reflective of CN's underlying business operations, to set performance goals and as a means to measure CN's performance. The exclusion of items in adjusted net income and adjusted earnings per share does not, however, imply that these items are necessarily non-recurring.

The following table provides a reconciliation of net income and earnings per share, as reported for the periods specified, to the adjusted performance measures presented herein:

Unaudited

(\$ millions, except per share data)					
Year ended December 31	2013	2014	2015	2016	2017
Net income as reported	2,612	3,167	3,538	3,640	5,484
Adjustments:		***************************************	•••••	***************************************	
Other income	(69)	(80)	_	(76)	_
Income tax expense (recovery)	39	8	42	17	(1,706)
Adjusted net income	2,582	3,095	3,580	3,581	3,778
Basic earnings per share as reported	3.10	3.86	4.42	4.69	7.28
Impact of adjustments, per share	(0.03)	(0.09)	0.05	(0.08)	(2.26)
Adjusted basic earnings per share	3.07	3.77	4.47	4.61	5.02
Diluted earnings per share as reported	3.09	3.85	4.39	4.67	7.24
Impact of adjustments, per share	(0.03)	(0.09)	0.05	(0.08)	(2.25)
Adjusted diluted earnings per share	3.06	3.76	4.44	4.59	4.99

For the year ended December 31, 2013, the Company reported adjusted net income of \$2,582 million, or \$3.06 per diluted share. The adjusted figures for the year ended December 31, 2013 exclude a first quarter gain on disposal of a segment of the Oakville subdivision, together with the rail fixtures and certain

passenger agreements, of \$40 million, or \$36 million after-tax (\$0.04 per diluted share) and a second quarter gain on exchange of perpetual railroad operating easements including the track and roadway assets on specific rail lines, of \$29 million, or \$18 million after-tax (\$0.02 per diluted share).

The adjusted figures also exclude a second quarter income tax expense of \$5 million (\$0.01 per diluted share) and a third quarter income tax expense of \$19 million (\$0.02 per diluted share), both resulting from the enactment of higher provincial corporate income tax rates.

For the year ended December 31, 2014, the Company reported adjusted net income of \$3,095 million, or \$3.76 per diluted share, which excludes a gain on disposal of the Deux-Montagnes subdivision, including the Mont-Royal tunnel, together with the rail fixtures, of \$80 million, or \$72 million after-tax (\$0.09 per diluted share) in the first quarter.

For the year ended December 31, 2015, the Company reported adjusted net income of \$3,580 million, or \$4.44 per diluted share, which excludes a deferred income tax expense of \$42 million (\$0.05 per diluted share) in the second quarter, resulting from the enactment of a higher provincial corporate income tax rate.

For the year ended December 31, 2016, the Company reported adjusted net income of \$3,581 million, or \$4.59 per diluted share, which excludes a gain on disposal of track leading into Montreal's

Central Station, together with the rail fixtures, of \$76 million, or \$66 million after-tax (\$0.09 per diluted share) in the fourth quarter, and a deferred income tax expense of \$7 million (\$0.01 per diluted share) in the second quarter, resulting from the enactment of a higher provincial corporate income tax rate.

For the year ended December 31, 2017, the Company reported adjusted net income of \$3,778 million, or \$4.99 per diluted share, which excludes a net deferred income tax recovery of \$1,706 million (\$2.25 per diluted share) consisting of the following:

• in the fourth quarter, a deferred income tax recovery of \$1,764 million (\$2.33 per diluted share) resulting from the enactment of the U.S.

Tax Reform and a deferred income tax expense of \$50 million (\$0.07 per diluted share) resulting from the enactment of higher provincial corporate income tax rates;

- in the third quarter, a deferred income tax expense of \$31 million (\$0.04 per diluted share) resulting from the enactment of a higher state corporate income tax rate;
- in the second quarter, a deferred income tax recovery of \$18 million (\$0.02 per diluted share) resulting from the enactment of a lower provincial corporate income tax rate; and
- in the first quarter, a deferred income tax recovery of \$5 million (\$0.01 per diluted share) resulting from the enactment of a lower provincial corporate income tax rate.

Free cash flow

Management believes that free cash flow is a useful measure of liquidity as it demonstrates the Company's ability to generate cash for debt obligations and for discretionary uses such as payment of dividends, share repurchases, and strategic opportunities. The Company defines its free cash flow measure as the difference between net cash provided by operating activities and net cash used in investing activities; adjusted for the impact of major acquisitions, if any. The following table provides a reconciliation of net cash provided by operating activities, as reported for the periods specified, to free cash flow:

Unaudited

(\$ millions)					
Year ended December 31	2013	2014	2015	2016	2017
Net cash provided by operating activities	3,548	4,381	5,140	5,202	5,516
Net cash used in investing activities	(1,925)	(2,161)	(2,767)	(2,682)	(2,738)
Free cash flow	1,623	2,220	2,373	2,520	2,778

Non-GAAP Measures (cont.)

Adjusted debt-to-adjusted EBITDA multiple

Management believes that the adjusted debt-to-adjusted earnings before interest, income taxes, depreciation and amortization (EBITDA) multiple is a useful credit measure

because it reflects the Company's ability to service its debt and other long term obligations. The Company calculates the adjusted debt-to-adjusted EBITDA multiple as adjusted debt divided by adjusted EBITDA.

The following table provides a reconciliation of debt and net income to the adjusted measures presented below, which have been used to calculate the adjusted debt-to-adjusted EBITDA multiple:

Unaudited

(\$ millions, unless otherwise indicated)					
As at and for the year ended December 31	2013	2014	2015	2016	2017
Debt	7,802	8,372	10,427	10,937	10,828
Adjustment: Present value of operating lease commitments 1)	570	607	607	533	478
Adjusted debt	8,372	8,979	11,034	11,470	11,306
Net income	2,612	3,167	3,538	3,640	5,484
Interest expense	357	371	439	480	481
Income tax expense (recovery)	977	1,193	1,336	1,287	(395)
Depreciation and amortization	980	1,050	1,158	1,225	1,281
EBITDA	4,926	5,781	6,471	6,632	6,851
Adjustments:	•	***************************************			
Other income	(73)	(107)	(47)	(95)	(12)
Deemed interest on operating leases	28	28	29	24	22
Adjusted EBITDA	4,881	5,702	6,453	6,561	6,861
Adjusted debt-to-adjusted EBITDA multiple (times)	1.72	1.57	1.71	1.75	1.65

¹⁾ The operating lease commitments have been discounted using the Company's implicit interest rate for each of the periods presented.

Shareholder and Investor Information

Transfer agent and registrar

Computershare Trust Company of Canada

Offices in:

Montreal, QC; Toronto, ON; Calgary, AB; Vancouver, BC

Telephone: 1-800-564-6253 www.investorcentre.com/service

Co-transfer agent and co-registrar

Computershare Trust Company, N.A. Attn: Stock Transfer Department

Overnight mail delivery: 250 Royall Street Canton, MA 02021

Regular mail delivery: P.O. Box 43078

Providence, RI 02940-3078

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