



Delivering Responsibly

2016 DATA SUPPLEMENT



Data Tables

The following data covered in this report applies to CN and its subsidiaries. CN subsidiaries are listed in the 2016 Annual Information Form on page 2.

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|----------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------|------------|------------|------------|-------------------|
| ENVIRONMENT | | | | | | |
| EMISSIONS | | | | | | |
| Total GHG emissions (Scope 1 and 2) ^(a) | Metric tonnes of CO ₂ e | 5,252,867 | 5,561,870 | 5,728,123 | 5,276,446 | _ |
| Direct GHG emissions (Scope 1) ^(b) | Metric tonnes of CO ₂ e | 5,064,024 | 5,368,257 | 5,534,058 | 5,087,946 | 305-1 |
| Rail locomotives | Metric tonnes of CO ₂ e | 4,405,606 | 4,692,974 | 4,858,403 | 4,457,768 | 305-1 |
| Intermodal trucks | Metric tonnes of CO ₂ e | 140,804 | 136,837 | 137,318 | 110,426 | 305-1 |
| Shipping vessel fleet ^(c) | Metric tonnes of CO ₂ e | 204,067 | 199,721 | 212,573 | 208,740 | 305-1 |
| On Company Service fleet | Metric tonnes of CO ₂ e | 86,273 | 97,464 | 101,828 | 108,193 | 305-1 |
| Intermodal equipment | Metric tonnes of CO ₂ e | 32,810 | 29,091 | 20,987 | 24,038 | 305-1 |
| Miscellaneous fuel emissions | Metric tonnes of CO ₂ e | 194,465 | 212,170 | 202,948 | 178,782 | 305-1 |
| Indirect GHG emissions (Scope 2) – energy ^(d) | Metric tonnes of CO ₂ e | 188,843 | 193,613 | 194,065 | 188,500 | 305-2 |
| Other indirect GHG emissions (Scope 3) ^(e) | Metric tonnes of CO ₂ e | 2,740,942 | 2,578,190 | 1,626,867 | 1,492,053 | 305-3 |
| GHG emissions intensity ^(f) | | | | | | |
| Total GHG emissions (by rail freight revenue) | Metric tonnes of CO ₂ e per thousand dollars of rail freight revenue | 0.46 | 0.47 | 0.50 | 0.53 | 305-4 |
| Total GHG emissions (by employee) | Metric tonnes of CO ₂ e per full-time employee | 235 | 228 | 234 | 223 | 305-4 |
| Impact of service | | | | | | |
| Rail emission intensity ^(g) | Metric tonnes of CO ₂ e per million GTM | 10.40 | 10.62 | 10.83 | 11.11 | - |
| Truck emission intensity | Metric tonnes of CO ₂ e per thousand kilometres travelled | 1.22 | 1.24 | 1.24 | 1.25 | - |
| Shipping vessel emission intensity ^(c) | Metric tonnes of CO ₂ e per million net ton miles | 16.90 | 17.66 | 17.83 | 17.37 | - |
| ENERGY | | | | | | |
| Total direct and indirect energy consumed within the organization ^(h) | Megawatt hours | 19,366,012 | 20,543,278 | 21,094,164 | 19,417,395 | 302-1 |
| Total direct energy consumed | Megawatt hours | 18,809,291 | 19,948,919 | 20,521,735 | 18,862,621 | 302-1 |
| Diesel (used for locomotives) | Megawatt hours | 16,045,338 | 17,097,281 | 17,716,213 | 16,238,721 | 302-1 |
| Diesel (other) | Megawatt hours | 1,892,183 | 1,876,618 | 1,903,937 | 1,707,938 | 302-1 |
| Natural gas | Megawatt hours | 527,157 | 582,988 | 512,393 | 500,843 | 302-1 |
| Other fuels (propane, gasoline, kerosene, stove oil, furnace oil) | Megawatt hours | 344,614 | 392,032 | 389,191 | 415,118 | 302-1 |
| Total indirect energy consumed – electricity | Megawatt hours | 556,720 | 594,360 | 572,429 | 554,775 | 302-1 |

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|-----------------------------------------------------------------------------|----------------------------------------------------------------|---------|---------|---------|---------|-------------------|
| ENVIRONMENT | | | | | | |
| Total renewable energy consumed ⁽ⁱ⁾ | Megawatt hours | 404,102 | 423,508 | 458,549 | 421,927 | 302-1 |
| Energy intensity ⁽⁾ | Megawatt hours per million CDN dollars of rail freight revenue | 1.71 | 1.73 | 1.84 | 1.95 | 302-3 |
| Fuel efficiency ^(k) | GTMs per US gallon of fuel consumed | 1,061 | 1,040 | 1,019 | 994 | 302-3 |
| Fuel efficiency savings ⁽¹⁾ | \$ million | 19 | 24 | 40 | 10 | - |
| NO _x , SO _x , AND OTHER SIGNIFICANT RAIL EMISSIONS IN | CANADA ^(m) | | | | | |
| Nitrous oxides (NO _x) | Kilo tonnes | 46.32 | 49.40 | 51.10 | 49.66 | 305-7 |
| Sulphur dioxide (SO _x) | Kilo tonnes | 0.02 | 0.02 | 0.02 | 0.02 | 305-7 |
| Particulate matter | Kilo tonnes | 1.00 | 1.07 | 1.11 | 1.13 | 305-7 |
| Hydrocarbons | Kilo tonnes | 2.05 | 2.19 | 2.27 | 2.26 | 305-7 |
| Carbon monoxide | Kilo tonnes | 7.78 | 8.31 | 8.58 | 7.77 | 305-7 |
| NO _x , SO _x , AND OTHER SIGNIFICANT RAIL EMISSIONS IN | THE U.S. ^(m) | | | | | |
| Nitrous oxides (NO _x) | Kilo tonnes | 17.74 | 18.79 | 19.71 | 19.73 | 305-7 |
| Sulphur dioxide (SO _x) | Kilo tonnes | 0.01 | 0.01 | 0.01 | 0.01 | 305-7 |
| Particulate matter | Kilo tonnes | 0.39 | 0.41 | 0.43 | 0.45 | 305-7 |
| Hydrocarbons | Kilo tonnes | 0.80 | 0.85 | 0.89 | 0.92 | 305-7 |
| Carbon monoxide | Kilo tonnes | 2.91 | 3.09 | 3.23 | 3.02 | 305-7 |
| EFFLUENTS AND WASTE | | | | | | |
| Total weight of waste generated ⁽ⁿ⁾ | Metric tonnes | 400,744 | 395,292 | 370,185 | 432,533 | 306-2 |
| Total hazardous waste generated | Metric tonnes | 770 | 927 | 857 | 770 | 306-2 |
| Disposal methods ^(o) | | | | | | |
| Recycled | Metric tonnes | 655 | 609 | 654 | 486 | 306-2 |
| Recovery for energy | Metric tonnes | 88 | 263 | 133 | 145 | 306-2 |
| Incinerated | Metric tonnes | 1 | 15 | 31 | 17 | 306-2 |
| Deep-well injected | Metric tonnes | 0 | 2 | 3 | 2 | 306-2 |
| Sent to landfill | Metric tonnes | 24 | 34 | 36 | 119 | 306-2 |
| Treatment | Metric tonnes | 2 | 4 | 0 | 1 | 306-2 |
| Water discharge | Metric tonnes | 0 | 0 | 0 | 0 | 306-2 |
| Disposed in caverns | Metric tonnes | 0 | 0 | 0 | 0 | 306-2 |
| Waste fuel blended | Metric tonnes | 0 | 0 | 0 | 0 | 306-2 |

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|---------------------------------------------------------|----------------------|---------|---------|---------|---------|-------------------|
| ENVIRONMENT | | | | | | |
| Total non-hazardous waste | Metric tonnes | 399,974 | 394,365 | 369,328 | 431,763 | 306-2 |
| Disposal methods ^(o) | | | | | | |
| Recycled | Metric tonnes | 223,202 | 192,622 | 175,180 | 223,046 | 306-2 |
| Recovery for energy | Metric tonnes | 140,485 | 162,249 | 155,098 | 161,859 | 306-2 |
| Incinerated | Metric tonnes | 90 | 43 | 102 | 6 | 306-2 |
| Deep-well injected | Metric tonnes | 244 | 314 | 641 | 614 | 306-2 |
| Sent to landfill | Metric tonnes | 25,886 | 27,352 | 26,286 | 40,649 | 306-2 |
| Treatment | Metric tonnes | 10,067 | 11,785 | 12,021 | 4,624 | 306-2 |
| Water discharge | Metric tonnes | 0 | 0 | 0 | 61 | 306-2 |
| Disposed in caverns | Metric tonnes | 0 | 0 | 0 | 77 | 306-2 |
| Waste fuel blended | Metric tonnes | 0 | 0 | 0 | 827 | 306-2 |
| WATER | | | | | | |
| Water consumption from municipal sources ^(p) | Million cubic metres | 1.7 | 1.7 | 1.7 | 1.6 | 303-1 |
| BIODIVERSITY AND LAND MANAGEMENT | | | | | | |
| Spend on site assessments and remediation | \$ million | 29 | 91 | 19 | 18 | _ |

(a) Our Scope 1 and 2 GHG emissions are consolidated based on an operational control approach.

(b) Our GHG Scope 1 emissions include rail and non-rail emissions. The GHG Protocol was applied. We measured carbon dioxide, methane and nitrous oxides using emission factors and global warming potentials from the Environment Canada National Inventory report and the International Panel on Climate Change Fifth Assessment reports, respectively. 2013 to 2015 were restated to reflect IPCC Fifth Assessment Global Warming Potentials excluding climate-carbon feedbacks.
(c) Shipping vessel emissions were restated to exclude emissions from chartered vessels.

(d) Our GHG Scope 2 emissions comprise electricity emissions only. The GHG Protocol was used to calculate the Scope 2 GHG emissions, covering carbon dioxide, methane and nitrous oxide. We applied North American utility cost per MWh conversion factors and used emission factors from Environment Canada's National Inventory Report and the US EPA eGRID database to convert MWh into tonnes of CO₂e. 2013 to 2015 values were restated to reflect the most recent applicable emission factors.

(e) We have been increasing the robustness of our Scope 3 inventory reporting. In 2015 and 2016, in addition to emissions from diesel fuel production and business travel, we calculated emissions from purchased goods and services, capital goods, waste generated in operations and upstream transportation and distribution. Business travel emissions are provided by corporate travel service providers. Other categories of emissions were calculated using standard emission factors multiplied by activity levels.

(f) Calculations for GHG emission intensity covers Scope 1 and 2 emissions only.

(g) Rail emission intensity is a measure of the tonnes of CO₂e generated by locomotives per million Gross Ton Mile (GTM). 2013 to 2015 intensity numbers were restated to include the impact of biodiesel blending.

(h) Energy consumption relates to fuel and electricity consumed within the Company. Conversions to MWh from volumes of fuel were based on Natural Resource Canada conversion factors, and include renewable fuel volumes (biodiesel). Electricity MWh were estimated from utility invoice data using North American utility cost per MWh conversion factors.

(i) Renewable energy consumed includes biodiesel used in our locomotives, as well as location-based low carbon electricity.

(j) Energy includes total direct and indirect energy, covering locomotive fuel, non-locomotive fuel, electricity, natural gas, and other fuels such as propane, gasoline, kerosene, stove oil, and furnace oil. The energy is used within the organization only.

- (k) Fuel consumed is locomotive diesel fuel only. Our target for 2017 fuel efficiency is 1.5% improvement.
- (1) Annual fuel savings in gallons were estimated based on the fuel efficiency gain in gallons per GTM multiplied by GTMs for that year. Associated cost savings were then estimated by multiplying the fuel gallons saved by the average price of fuel for each year.
- (m) NO_x, SO_x, and other significant rail emissions were calculated using Canadian emission factors published by the Railway Association of Canada (RAC). The most recent 2014 emission factors were used to calculate 2014, 2015 and 2016 emissions.
- (n) Total weight of waste generated includes our rail ties, scrap metal, locomotive lead acid batteries and day-to-day office and yard waste. Waste quantities are provided by our third-party waste disposal contractors. Where data was not available, estimations were made based on extrapolations of the data. Definitions of hazardous and non-hazardous waste are based on provincial and state regulations, which we assess on a case-by-case basis depending on the condition of the waste.
- (o) Waste disposal methods and associated quantities are provided to us by our third-party waste disposal contractor.
- (p) Water consumption was estimated from utility invoices using North American average water costs per cubic metre. Given the nature of our operations, we do not consume significant quantities of water in our business.

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|-------------------------------------------------------------------------------|-------------------------|------|------|-------|-------|-------------------|
| SAFETY | | | | | | |
| JOINT MANAGEMENT: WORKER HEALTH AND SAFETY (H&S) COMMITTEES ^(a) | | | | | | |
| Number of joint union-management H&S committees | Number | 103 | 107 | 106 | 106 | 403-1 |
| % of workforce represented in joint union-management H&S committees | % | 96 | 95 | 95 | 95 | 403-1 |
| OCCUPATIONAL H&S INCIDENTS (EMPLOYEES) ^(b) | | | | | | |
| Injury frequency rate – Federal Railroad Administration (FRA) | Ratio | 1.70 | 1.63 | 1.81 | 1.69 | 403-2 |
| Canada | Ratio | 1.54 | 1.49 | 1.70 | 1.59 | 403-2 |
| U.S. | Ratio | 2.05 | 1.97 | 2.09 | 1.93 | 403-2 |
| Female | Ratio | 0.97 | 1.21 | 1.13 | 0.90 | 403-2 |
| Male | Ratio | 1.78 | 1.68 | 1.88 | 1.77 | 403-2 |
| Lost-time injury frequency rate – FRA | Ratio | 1.19 | 1.21 | 1.29 | 1.20 | 403-2 |
| Canada | Ratio | 0.95 | 0.98 | 1.09 | 0.96 | 403-2 |
| U.S. | Ratio | 1.74 | 1.77 | 1.75 | 1.77 | 403-2 |
| Female | Ratio | 0.97 | 1.03 | 0.63 | 0.48 | 403-2 |
| Male | Ratio | 1.25 | 1.23 | 1.35 | 1.28 | 403-2 |
| ACCIDENTS | | | | | | |
| Accidents – FRA | Per million train miles | 1.42 | 2.06 | 2.73 | 2.11 | 403-2 |
| Accidents – Transportation Safety Board of Canada (TSB) ^(c) | Per million train miles | 7.81 | 8.69 | 10.67 | 10.97 | 403-2 |
| Crossing accidents | Number | 194 | 193 | 225 | 207 | 403-2 |
| Trespassing accidents | Number | 59 | 52 | 56 | 57 | 403-2 |
| FATALITIES – ON-DUTY EMPLOYEES | | | | | | |
| Canada | Number | 1 | 1 | 2 | 2 | 403-2 |
| U.S. | Number | 0 | 1 | 0 | 0 | 403-2 |
| Female | Number | 0 | 0 | 0 | 0 | 403-2 |
| Male | Number | 1 | 2 | 2 | 2 | 403-2 |

(a) The joint union-management health and safety committee exists at the local level across the system.

(b) As a North American railroad, our occupational health and safety metrics are established based on industry guidelines set by the Federal Railroad Administration (FRA) and the Transportation Safety Board (TSB) of Canada. We track the FRA injury and accident rates and the TSB accident rate covering our operations in North America. The FRA injury rates per country and gender are based on an estimate using demographic data calculations. The FRA injury rate is the number of reportable injuries per 200,000 hours worked. According to the FRA, a reportable injury rate must be occupational or work-related; be a new case, and not a new episode of an already existing medical condition; and result in one of the following situations: death, day(s) away from work, day(s) on modified/alternate duties, medical treatment and/or loss of consciousness. In 2016, 80% of our reportable injuries represented: sprain or strain (41%), cut/laceration/abrasion (13%), painful body part (11%), bruise or contusion (8%), and fractures (6%). The remaining 20% is represented by over 18 different injury types.

(c) In 2014, the TSB made a regulatory change in terms of reporting criteria. This change took place on July 1, 2014. The 2013 ratio has been restated due to this change.

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|------------------------------------------------------------------|------------------------------------|--------|--------|---------|---------|-------------------|
| PEOPLE | medodiement | 2010 | LUIS | 2011 | 2015 | Disclosure |
| TOTAL EMPLOYEES | | | | | | |
| Total number of full-time employees (end of year) ^(a) | Total number | 22,249 | 23,172 | 25,530 | 23,721 | 102-7 |
| CN employees ^(b) | Total number | 21,173 | 21,971 | 24,131 | 22,698 | 102-7 |
| CN employees with fixed-term contract | Total number | 66 | 82 | 86 | 75 | 102-8 |
| CN wholly-owned subsidiary employees | Total number | 1,010 | 1,119 | 1,313 | 948 | 102-8 |
| Total number of part-time employees ^(c) | Total number | 0 | 0 | 0 | 0 | 102-8 |
| EMPLOYEES BY REGION AND GENDER | | | | | | |
| Canada | Total number | 14,692 | 15,303 | 16,957 | 15,953 | 102-8 |
| U.S. | Total number | 6,481 | 6,668 | 7,174 | 6,745 | 102-8 |
| Female | Total number | 1,904 | 1,939 | 2,110 | 1,989 | 102-8 |
| Male | Total number | 19,269 | 20,032 | 22,021 | 20,709 | 102-8 |
| EMPLOYEES BY CONTRACT ^(c) | | | | | | |
| Permanent contract | Total number | 21,107 | 21,889 | 24,045 | 22,623 | 102-8 |
| Female | Total number | 1,876 | 1,903 | 2,072 | 1,961 | 102-8 |
| Male | Total number | 19,231 | 19,986 | 21,973 | 20,662 | 102-8 |
| Fixed-term contract | Total number | 66 | 82 | 86 | 75 | 102-8 |
| Female | Total number | 28 | 36 | 38 | 28 | 102-8 |
| Male | Total number | 38 | 46 | 48 | 47 | 102-8 |
| COLLECTIVE BARGAINING AGREEMENTS | | | | | | |
| % of employees covered by collective bargaining agreements | % of total employees | 79% | 79% | 81% | 80% | 102-41 |
| NEW EMPLOYEE HIRES | | | | | | |
| Application pool (via CN website) | Total number | 80,893 | 98,898 | 185,370 | 161,022 | - |
| Total new employee hires | Total number | 735 | 1,511 | 3,786 | 2,525 | 401-1 |
| New employee hire rate | % of total employees | 3% | 7% | 15% | 11% | 401-1 |
| Age group | | | | | | |
| New employee hires below 30 years old | Total number of new employee hires | 352 | 671 | 1,998 | 1,271 | 401-1 |
| % of new employee hires below 30 years old | % of total new employee hires | 48% | 44% | 53% | 50% | 401-1 |
| New employee hires 30-50 years old | Total number of new employee hires | 349 | 763 | 1,676 | 1,154 | 401-1 |
| % of new employee hires 30-50 years old | % of total new employee hires | 47% | 50% | 44% | 46% | 401-1 |
| New employee hires above 50 years old | Total number of new employee hires | 34 | 77 | 112 | 100 | 401-1 |
| % of new employee hires above 50 years old | % of total new employee hires | 5% | 5% | 3% | 4% | 401-1 |

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|-------------------------------------------|-----------------------------------------------|-------|-----------------------------------------|---------------------------------------|-------|-------------------|
| PEOPLE | incusarement | 2010 | 2015 | 2011 | 2015 | Disclosure |
| Gender | | | | | | |
| Female | Total number of new employee hires | 130 | 145 | 281 | 169 | 401-1 |
| % of new employee hires – female | % of total new employee hires | 18% | 10% | 7% | 7% | 401-1 |
| Male | Total number of new employee hires | 605 | 1,366 | 3,505 | 2,356 | 401-1 |
| % of new employee hires – male | % of total new employee hires | 82% | 90% | 93% | 93% | 401-1 |
| Region | ······································ | | ••••••••••••••••••••••••••••••••••••••• | · · · · · · · · · · · · · · · · · · · | ••••• | |
| Canada | Total number of new employee hires | 552 | 1,032 | 2,741 | 1,961 | 401-1 |
| % of new employee hires in Canada | % of total new employee hires | 75% | 68% | 72% | 78% | 401-1 |
| U.S. | Total number of new employee hires | 183 | 479 | 1,045 | 564 | 401-1 |
| % of new employee hires in the U.S. | % of total new employee hires | 25% | 32% | 28% | 22% | 401-1 |
| EMPLOYEE TURNOVER ^(d) | | | | | | |
| Total employee turnover number | Total number | 1,903 | 2,211 | 2,458 | 2,295 | 401-1 |
| % of total employee turnover rate | % of total employee turnover number | 9.0% | 10.1% | 10.2% | 10.1% | 401-1 |
| Total voluntary employee turnover number | Total number | 623 | 706 | 852 | 775 | 401-1 |
| % of voluntary employee turnover rate | % of total employee voluntary turnover number | 2.9% | 3.2% | 3.5% | 3.4% | 401-1 |
| % of employee pride | % of new hires proud to be at CN | 93 | 92 | 96 | 95 | - |
| Age group | | | | | | |
| Employee turnover below 30 years old | Total number | 309 | 448 | 497 | 429 | 401-1 |
| % of employee turnover below 30 years old | % of total employee turnover number | 1.5% | 2.0% | 2.1% | 1.9% | 401-1 |
| Employee turnover 30-50 years old | Total number | 589 | 699 | 794 | 673 | 401-1 |
| % of employee turnover 30-50 years old | % of total employee turnover number | 2.8% | 3.2% | 3.3% | 3.0% | 401-1 |
| Employee turnover above 50 years old | Total number | 1,005 | 1,064 | 1,167 | 1,193 | 401-1 |
| % of employee turnover above 50 years old | % of total employee turnover number | 4.7% | 4.8% | 4.8% | 5.3% | 401-1 |
| Gender | | | | | | |
| Employee turnover – women | Total number | 165 | 203 | 187 | 165 | 401-1 |
| % of employee turnover – women | % of total employee turnover number | 0.8% | 0.9% | 0.8% | 0.7% | 401-1 |
| Employee turnover – men | Total number | 1,738 | 2,008 | 2,271 | 2,130 | 401-1 |
| % of employee turnover – men | % of total employee turnover number | 8.2% | 9.1% | 9.4% | 9.4% | 401-1 |
| Region | | | | | | |
| Employee turnover – Canada | Total number | 1,401 | 1,650 | 1,882 | 1,739 | 401-1 |
| % of employee turnover in Canada | % of total employee turnover number | 6.6% | 7.5% | 7.8% | 7.7% | 401-1 |
| Employee turnover – U.S. | Total number | 502 | 561 | 576 | 556 | 401-1 |
| % of employee turnover in the U.S. | % of total employee turnover number | 2.4% | 2.6% | 2.4% | 2.4% | 401-1 |

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|------------------------------------------------|------------------------------------------------|---------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-------------------|
| PEOPLE | | | | | | |
| ABSENTEEISM RATES ^(e) | | | | | | |
| Female | % of absentee hours on actual hours of service | 2.43 | 2.26 | 2.27 | 2.58 | 403-2 |
| Male | % of absentee hours on actual hours of service | 1.51 | 1.23 | 1.38 | 1.56 | 403-2 |
| Canada | % of absentee hours on actual hours of service | 1.86 | 1.51 | 1.52 | 1.64 | 403-2 |
| U.S. | % of absentee hours on actual hours of service | 1.05 | 0.87 | 1.26 | 1.57 | 403-2 |
| TRAINING AND EDUCATION | | | | | | |
| Total hours of training ^(f) | Total number of hours | 711,396 | 1,256,962 | 1,627,391 | 1,469,980 | - |
| Average training hours | | | | ••••• | | |
| Employee | Average hours | 33.6 | 57.2 | 67.4 | 64.7 | 404-1 |
| Female | Average hours | 21.2 | 35.4 | 43.1 | 29.1 | 404-1 |
| Male | Average hours | 34.8 | 59.3 | 69.8 | 68.3 | 404-1 |
| Management | Average hours | 36.9 | 42.6 | 42.9 | 51.1 | 404-1 |
| Unionized | Average hours | 32.7 | 61.2 | 73.3 | 68.2 | 404-1 |
| REGULAR PERFORMANCE AND CAREER DEVELOPMENT REV | TEW | | | | | |
| % of total management receiving reviews | % of management | 96 | 98 | 98 | 100 | 404-3 |
| DIVERSITY AND EQUAL OPPORTUNITY | | | | | | |
| Females | % of total employees | 9% | 9% | 9% | 9% | 405-1 |
| Diversity in Canada ⁽⁹⁾ | % of total employees | 15% | 14% | 13% | 12% | 405-1 |
| Diversity in the U.S. ^(h) | % of total employees | 17% | 17% | 17% | 17% | 405-1 |
| Age group | ······· | | ••••••••••••••••••••••••••••••••••••••• | • | • | |
| % over 50 years old | % of total employees | 30% | 33% | 30% | 34% | 405-1 |
| % 30-50 years old | % of total employees | 55% | 51% | 48% | 47% | 405-1 |
| % below 30 years old | % of total employees | 15% | 16% | 22% | 19% | 405-1 |
| Governance bodies | | | | • | • | |
| Board of Directors | Total number | 11 | 11 | 11 | 13 | 405-1 |
| % of females | % of total Board | 27% | 27% | 27% | 23% | 405-1 |
| % over 50 years old | % of total Board | 100% | 100% | 100% | 100% | 405-1 |
| Employee categories | | • | ••••••••••••••••••••••••••••••••••••••• | ••••••••••••••••••••••••••••••••••••••• | ••••••••••••••••••••••••••••••••••••••• | |
| Senior management | Total number of senior management | 193 | 199 | 200 | 203 | 405-1 |
| % of females | % of senior management | 15% | 15% | 15% | 15% | 405-1 |
| % over 50 years old | % of senior management | 60% | 68% | 60% | 50% | 405-1 |
| % 30-50 years old | % of senior management | 40% | 32% | 41% | 50% | 405-1 |
| % diversity in Canada ^(g) | % of senior management | 6% | 6% | 5% | 6% | 405-1 |
| % diversity in the U.S. ^(h) | % of senior management | 7% | 8% | 8% | 8% | 405-1 |

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|-----------------------------------------|--------------------------------|--------|--------|--------|--------|-------------------|
| PEOPLE | | | | | | |
| Management | Total number of management | 4,351 | 4,477 | 4,452 | 4,417 | 405-1 |
| % of females | % of management | 24% | 23% | 23% | 23% | 405-1 |
| % over 50 years old | % of management | 31% | 35% | 35% | 36% | 405-1 |
| % 30-50 years old | % of management | 62% | 58% | 55% | 54% | 405-1 |
| % below 30 years old | % of management | 7% | 7% | 10% | 9% | 405-1 |
| % diversity in Canada ^(g) | % of management | 18% | 17% | 15% | 15% | 405-1 |
| % diversity in the U.S. ^(h) | % of management | 17% | 16% | 16% | 15% | 405-1 |
| Non-management | Total number of non-management | 16,629 | 17,295 | 19,479 | 18,078 | 405-1 |
| % of females | % of non-management | 5% | 5% | 5% | 5% | 405-1 |
| % over 50 years old | % of non-management | 30% | 32% | 29% | 33% | 405-1 |
| % 30-50 years old | % of non-management | 52% | 49% | 46% | 45% | 405-1 |
| % below 30 years old | % of non-management | 18% | 19% | 25% | 22% | 405-1 |
| % diversity in Canada ^(g) | % of non-management | 14% | 13% | 13% | 12% | 405-1 |
| % diversity in the U.S. ^(h) | % of non-management | 17% | 18% | 17% | 17% | 405-1 |
| EQUAL REMUNERATION FOR WOMEN AND MEN(i) | | | | | | |
| Senior management | Ratio of women to men | 0.904 | 0.901 | 0.952 | 0.986 | 405-2 |
| Management | Ratio of women to men | 0.952 | 0.956 | 0.968 | 0.975 | 405-2 |
| Non-management | Ratio of women to men | 0.824 | 0.787 | 0.803 | 0.824 | 405-2 |

(a) The total number of employees (year end) for each year is from the CN Annual Report of the equivalent year.

(b) The breakdown of employee data covers CN employees only. The breakdown of employee data is not available for employees with fixed-term contracts or for CN wholly-owned subsidiaries.

(c) As defined by national laws.

(d) Employee turnover is the number of employees who leave the organization voluntarily or due to dismissal, retirement, or death in service.

(e) The absenteeism rate is the number of casual actual absentee hours of our unionized employees expressed as a percentage of the actual number of hours an employee was available to work during a given year (hours of service). Hours of service are reduced for any prolonged absences, lost-time days, etc. The absenteeism rate does not include any known prolonged absences (i.e., sick leave, extended injury leaves) or absences related to holidays, study, maternity or paternity leave, and compassionate leave.

(f) The decrease of training hours in 2016 is due to a lower level of hiring.

(q) The diversity % for Canada includes the following designated groups: visible minorities, persons with disabilities and Aboriginals.

(h) The diversity % for the U.S. includes the group called Minority.

(i) The ratio is based on basic salary in North America. Significant location represents our operations in Canada and the U.S.

| Data | Measurement | 2016 | 2015 | 2014 | 2013 | GRI Disclosure |
|-------------------------------------------------------------------------------------------|-------------|--------|--------|--------|--------|-------------------|
| COMMUNITY AND ECONOMY | | | | | | |
| ECONOMIC PERFORMANCE | | | | | | |
| Direct economic value generated (revenue) | \$ million | 12,037 | 12,611 | 12,134 | 10,575 | 201-1 |
| Economic value distributed | \$ million | 8,555 | 9,084 | 9,068 | 8,338 | 201-1 |
| Operating costs | \$ million | 6,725 | 7,345 | 7,510 | 6,702 | 201-1 |
| Labour and fringe benefits | \$ million | 2,119 | 2,406 | 2,319 | 2,182 | 201-1 |
| Purchased services, materials and fuel | \$ million | 2,643 | 3,014 | 3,444 | 2,970 | 201-1 |
| Other ^(a) | \$ million | 1,963 | 1,925 | 1,747 | 1,550 | 201-1 |
| Payments to providers of capital – dividends | \$ million | 1,159 | 996 | 818 | 724 | 201-1 |
| Payments to governments | \$ million | 653 | 725 | 722 | 890 | 201-1 |
| Payments to Canadian tax authorities | \$ million | 728 | 620 | 427 | 610 | 201-1 |
| Payments to U.S. tax authorities | \$ million | (75) | 105 | 295 | 280 | 201-1 |
| Community investment | \$ million | 18.2 | 18.2 | 18.3 | 21.9 | 201-1 |
| Economic value retained | \$ million | 3,482 | 3,527 | 3,066 | 2,237 | 201-1 |
| Critical suppliers ^(b) | Number | 62 | 68 | 69 | 150 | - |
| Critical suppliers screened on environmental, social and governance issues ^(c) | % | 69% | 29% | 57% | 74% | 308-1 414-1 |

(a) Other expenses include depreciation and amortization, equipment rents, and casualty and other.
(b) Critical supplier is defined as critical component supplier, non-substitutable supplier, or supplier with greater than \$5M of spending per year.
(c) The percentage represents the number of our critical suppliers that have been screened on environmental, social and governance issues. It includes new suppliers that fall into the critical supplier category.

We welcome comments, questions and feedback on this report. Please contact:

Chantale Després CN Sustainability Director chantale.despres@cn.ca

Canadian National Railway Company 935 de La Gauchetière Street West Montreal, Quebec H3B 2M9

P.O. Box 8100 Montreal, Quebec H3C 3N4

1-888-888-5909

PICTURED (COVER): Moose Lake, BC Photo by CN employee, Tim Stevens

STAY CONNECTED WITH CN:









www.cn.ca

