



## Detailed Environmental Performance

### 1) Greenhouse Gas Emissions

<b>Total Greenhouse Gas Emissions<sup>1,2</sup> (tonnes CO<sub>2</sub>e)</b>	<b>2012</b>	2011	2010	2009	2008
Canadian operations	<b>129,391</b> ✓	119,640 ✓	113,419 ✓	133,702 ✓	139,795
U.S. operations total greenhouse gas emissions (tonnes CO <sub>2</sub> e)	<b>135,145</b> ✓	145,552 ✓	121,323 ✓	119,556 ✓	124,575
<b>TOTAL</b>	<b>264,536</b> ✓	265,192 ✓	234,742 ✓	253,258 ✓	264,370
GHG emission intensity (tonnes CO <sub>2</sub> e/employee) <sup>3</sup>	3.08	3.14	2.92	3.41	3.58
<b>Detailed Emissions Breakdown<sup>2</sup> (tonnes CO<sub>2</sub>e)</b>	<b>2012</b> ✓	2011	2010	2009	2008
Canadian	<b>129,391</b>	119,640	113,419	133,702	139,795
Scope 1	<b>26,252</b>	28,683	23,587	27,322	30,005
Scope 2	<b>80,429</b>	68,170	65,866	89,517	91,601
Scope 3	<b>22,710</b>	22,786	23,966	16,863	18,189
U.S.	<b>135,145</b>	145,552	121,323	119,556	124,575
Scope 1	<b>17,037</b>	18,581	18,877	18,394	18,534
Scope 2	<b>97,248</b>	106,584	87,850	90,977	92,805
Scope 3	<b>20,860</b>	20,387	14,596	10,185	13,236
<b>Detailed Electricity Use Breakdown (kWh)</b>	<b>2012</b>	2011	2010	2009	2008
Canadian	<b>331,056,719</b>	332,836,966	318,125,358	343,996,677	341,893,691
U.S.	<b>269,960,641</b>	261,826,147	227,135,194	238,246,264	235,546,176
<b>TOTAL</b>	<b>601,017,360</b>	594,663,113	545,260,552	582,242,941	577,439,867
Electricity intensity(kWh/employee)	<b>6,994</b>	7,047	6,778	7,830	7,823
<b>Detailed Energy Consumption (GJ)</b>	<b>2012</b>	2011	2010	2009	
North American Totals					
Electricity (GJ)	<b>2,163,663</b>	2,140,787	1,962,938	2,096,075	
Natural Gas (GJ)	<b>578,491</b>	676,577	571,146	632,063	
Steam (GJ)	<b>85,464</b>	89,548	54,978	107,574	
Heating Oil (GJ)	<b>30,136</b>	39,039	36,417	37,100	
Propane (GJ)	<b>12,776</b>	15,312	17,212	16,332	
Wood (GJ)	<b>151</b>	541	453	643	
Diesel (GJ)	<b>1,518</b>	2,048	-	-	
Chilled water (GJ)	<b>94,776</b>	44,074	41,732	50,937	

<sup>1</sup> Click [here](#) for TD's 2012 carbon-neutral statement and assurance statement.

<sup>2</sup> For further details see accompanying [notes](#).

<sup>3</sup> For the year ending October 31, 2010 the Bank has changed the geographic boundary for calculating the GHG intensity (per employee) values from the total number of international employees to the total number of North American employees to better match the source of GHG emissions reported which includes only North America. The 2008 and 2009 intensity data has been restated for comparative purposes. The restatement resulted in a 1% increase in the total intensity and electricity (KWh) values, a 3% decrease in the energy component value, and a 25% increase in the travel component value for both 2008 and 2009.

## 2) Business Travel

### Greenhouse Gas Emissions by Transportation Mode

Detailed Emissions Breakdown (tonnes CO <sub>2</sub> e)	2012	2011	2010
Canada	<b>28,299</b>	<b>28,376</b>	28,699
Air Travel <sup>1</sup>	22,993	22,807	23,630
Automobile Travel <sup>2</sup>	5,139	5,374	4,847
Rail Travel	167	195	222
U.S.	<b>24,591</b>	<b>22,766</b>	18,556
Air Travel <sup>1</sup>	11,516	12,064	8,821
Automobile Travel <sup>2</sup>	13,062	10,661	9,709
Rail Travel	13	42	26
<b>TOTAL North America</b>	<b>52,890</b>	<b>51,143</b>	47,255

<sup>1</sup>Air travel includes commercial air, chartered aircraft and leased aircraft.

<sup>2</sup>Automobile travel includes corporate fleet, car rental and personal vehicles used for employee business travel.

## 3) Waste

Waste	2012	2011	2010
Paper Waste			
Paper waste diverted from landfills - - Boise® Closed Loop System™ (metric tonnes)	<b>1,500</b>	1,500	-
Electronic Waste:			
% e-waste diverted from landfill	<b>100</b>	100	-
% refurbished	<b>95</b>	90	-
% broken down for recycling	<b>5</b>	10	-

## 4) Water

Water Consumption (2011)	Consumption (m <sup>3</sup> )	Consumption (U.S. gallons)	% of Portfolio
Canada	377,971	99,849,432	46%
U.S.	1,091,099	288,237,673	71%
<b>Total</b>	<b>1,469,070</b>	<b>388,087,105</b>	<b>56%</b>

Note: Represents 56% of the bank's retail and corporate locations. In 2013 we will continue to work with our landlords to obtain water data.

## 5) Paper

Paper by Type	2012 <sup>1,3</sup>	2011 <sup>2,3</sup>	2010 <sup>2,3,4</sup>
Statements and envelopes (metric tonnes)	4,795	4,729	4,883
Commercial Print (metric tonnes)	4,235	4,079	4,280
Office Paper (metric tonnes)	3,099	3,242	3,193
Forms (metric tonnes)	1,592	1,740	1,919
Total paper (metric tonnes)	13,721	13,790	14,275
<b>Recycled content</b>			
% post consumer recycled content – office paper	30%	30%	30%
% post-consumer recycled content – statements and envelopes	7%	–	–
% post consumer recycled content – commercial print	34%	–	–
% post consumer recycled content – forms	1%	–	–
Total % post consumer recycled content	20%	–	–
<b>Certified Sustainable:</b>			
% Certified (FSC/SFI) - office paper	100%	100%	100%
% Certified (FSC/SFI) - statements and envelopes	63%	–	–
% Certified (FSC/SFI) - commercial print	83%	–	–
% Certified (FSC/SFI) - forms	52%	–	–
Total % Certified (FSC/SFI)	76%	–	–
<b>Intensity:</b>			
Office paper (sheets) per employee	8,034	8,357	8,557

<sup>1</sup> Excludes MBNA which was acquired by TDBG in December 2012 as the data is not available and cannot be reasonably estimated.

<sup>2</sup> Excludes TD Auto Finance which was acquired by TDBG in April 2011 as the data is not available and cannot be reasonably estimated.

<sup>3</sup> The paper data that was known and available to management was used in determining the paper use; however, the Bank was not able to substantiate all paper that may have been purchased through alternative suppliers or printers.

<sup>4</sup> The paper data for the year ending October 31, 2010 has been restated as a result of refining our data collection processes to improve the completeness and accuracy of data collected from our vendors. The restatement resulted in a 5% decrease in the metric tonnes of total paper, a 5% decrease in the metric tonnes of commercial print, 71% increase in the metric tonnes of forms and a 20% decrease in the statements and envelopes for 2010.

### Definitions of Paper

**Paper:** TD's paper purchases include statements and envelopes, commercial print, office paper and forms that are purchased through formal material contracts and/or vendors.

- 1) **Office paper** - copy paper that goes into multi-functional devices for printing and copying purposes.
- 2) **Commercial print** - paper used for external mass communications and marketing (e.g. annual reports, prospectuses, brochures, posters, start kit/information folders).
- 3) **Statements and envelopes** - paper used for Bank-used reports, customer statements, and all envelopes.
- 4) **Forms** - mass produced standard paper instruments used on an enterprise-wide basis for information transfer by clients, suppliers, and bank employees (e.g. passbooks, letterheads, cheques, applications, customer or transactional change forms, signature cards, receipts, business cards, and other general banking forms).

## 6) Green IT

<b>Green IT</b>	<b>2012</b>	<b>2011</b>
Metrics		
Energy savings from server virtualization, storage virtualization and PC power management (kWh)	<b>26,900,000</b>	34,700,000
Electricity GHG Savings from server virtualization and storage virtualization (metric tonnes CO <sub>2</sub> e)	<b>3,121</b>	4,000
Video Conferencing/Face- to Face meeting reduction (Km)	<b>2,649,231</b>	1,326,154
Travel distance avoided GHG Savings (metric tonnes (CO <sub>2</sub> e)	<b>344</b>	172

## 7) Green Buildings

### Details on LEED Projects by Building Type and Country

	<b>U.S Retail</b>		<b>U.S. Corporate</b>		<b>Canadian Retail</b>		<b>Canadian Corporate</b>	
<b>2011</b>	<b>Locations</b>	<b>Sq. Feet</b>	<b>Locations</b>	<b>Sq. Feet</b>	<b>Locations</b>	<b>Sq. Feet</b>	<b>Locations</b>	<b>Sq. Feet</b>
Platinum	2	22,600	1	59,941	-	-	-	-
Gold	3	10,719	2	287,060	-	-	-	-
Silver	1	2,542	-	-	1	5,000	-	-
Certified	-	-	1	30,359	3	17,589	2	115,934
<b>2012</b>								
Platinum	9	34,689	-	-	1	5,487	-	-
Gold	41	158,464	-	-	-	-	-	-
Silver	3	10,345	-	-	-	-	-	-
Certified	-	-	-	-	1	5,000	-	-