

## ***DIRECTV Statement of Greenhouse Gas Emissions for the year ended December 31, 2014***

This statement discloses DIRECTV's greenhouse gas (GHG) emissions for the 2014 reporting year, defined as January 1, 2014 to December 31, 2014. DIRECTV uses 2011 as its GHG inventory base year for Scope 1 and Scope 2 in the United States and Latin America.

<b>Table 1: DIRECTV 2014 Total GHG Emissions Statement (MTCO<sub>2</sub>e)</b>				
<b>Scope</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Scope 1	100,519	101,236	109,722	123,664
Scope 2	98,652	94,584	96,879	101,384
Carbon Offsets	(163)	(183)	(187)	-
<b>Total Scope 1 &amp; 2</b>	<b>199,008</b>	<b>195,637</b>	<b>206,414</b>	<b>225,048</b>
Scope 3	3,806,295	3,950,892	4,035,883	74,151
<b>Total Scope 1, 2 &amp; 3</b>	<b>4,005,303</b>	<b>4,146,529</b>	<b>4,242,297</b>	<b>299,199</b>

### **Notes to Table 1**

- Figures in Table 1 are presented in metric tonnes of carbon dioxide equivalent (MTCO<sub>2</sub>e)
- As explained in its 2011 Statement of Greenhouse Gas Emissions, DIRECTV did not report indirect Scope 3 emissions from the use of its receivers by customers for the 2011 reporting year because full energy consumption testing had not yet been completed at the individual box level for all receivers. Emissions associated with the use of DIRECTV's receivers were estimated for the first time for the 2012 GHG Inventory, which accounts for the large year-on-year increase in Scope 3 emissions from 2011 to 2012.

Table 1(a) displays the regional distribution of DIRECTV's GHG emissions in the United States and Latin America.

<b>Table 1(a): DIRECTV GHG Emissions (MTCO<sub>2</sub>e) by Region</b>								
<b>Scope</b>	<b>United States</b>				<b>Latin American</b>			
	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Scope 1	93,270	97,134	106,060	120,873	7,249	4,102	3,662	2,791
Scope 2	87,382	84,801	88,145	94,728	11,270	9,783	8,734	6,656
Carbon Offsets	(163)	(183)	(187)	-	-	-	-	-
<b>Total Scope 1 &amp; 2</b>	<b>180,489</b>	<b>181,752</b>	<b>194,018</b>	<b>215,601</b>	<b>18,519</b>	<b>13,885</b>	<b>12,396</b>	<b>9,447</b>
Scope 3	3,427,028	3,568,022	3,694,054	71,187	379,267	382,870	341,829	2,964
<b>Total Scope 1, 2 &amp; 3</b>	<b>3,607,517</b>	<b>3,749,774</b>	<b>3,888,072</b>	<b>286,788</b>	<b>397,786</b>	<b>396,755</b>	<b>354,225</b>	<b>12,411</b>



Table 1(b) displays DIRECTV’s annual change in GHG emissions at the regional and aggregate level between 2013 and 2014.

<b>Table 1(b): 2014 vs. 2013 Change in DIRECTV’s GHG Emissions</b>			
<b>Scope</b>	<b>United States</b>	<b>Latin America</b>	<b>Total</b>
Scope 1	-4.0%	76.7%	-0.7%
Scope 2	3.0%	15.2%	4.3%
Carbon Offsets	-10.9%	N/A	-10.9%
<b>Total Scope 1 &amp; 2</b>	<b>-0.7%</b>	<b>33.4%</b>	<b>1.7%</b>
Scope 3	-4.0%	-0.9%	-3.7%
<b>Total Scope 1, 2 &amp; 3</b>	<b>-3.8%</b>	<b>0.3%</b>	<b>-3.4%</b>

**Notes to Table 1(b)**

- The annual changes to our U.S. Scope 1 and Scope 2 emissions are derived from a decrease in Scope 1 fuel consumption. The fuel consumption reductions were partially offset by higher electricity consumption in our facilities and local collection facilities. Scope 3 reductions were achieved primarily by deploying energy efficient, ENERGY STAR qualified receivers to our customers.
- The annual increase in our Latin American emissions is due primarily to the continued customer growth throughout Latin America. We expanded to a new province in Argentina and consumed more fuel and electricity to serve customers in all local markets. In addition, we included emissions estimates for the first time for our more than 450 broadband sites throughout Latin America.

Table 1(c) displays DIRECTV’s biogenic CO<sub>2</sub> emissions from the combustion of biomass.

<b>Table 1(c): DIRECTV GHG Emissions from Biomass Combustion (MTCO<sub>2</sub>e)</b>				
<b>Emission Source</b>	<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
Biomass Combustion	1,112	995	888	677

**Notes to Table 1(c)**

- The emissions come from the combustion of E85 Ethanol in DIRECTV’s Latin American operations. Per the GHG Protocol guidance, direct CO<sub>2</sub> emissions from the combustion of biomass shall not be included in Scope 1 but reported separately.

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## ***Notes to the Statement of GHG Emissions for the year ended December 31, 2014***

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### **Note 1: GHG Reporting Policies**

The responses in this Statement of Greenhouse Gas (GHG) Emissions relate to DIRECTV and its subsidiaries (“DIRECTV” or the “Company”). The Company’s GHG emissions include emissions from DIRECTV Holdings LLC, DIRECTV Latin America Holdings, Inc., DIRECTV Sports Network LLC (“DSN”) and all of their respective subsidiaries. DIRECTV owns a minority equity position in SKY Mexico, but the entity falls outside of DIRECTV’s operational control boundary for GHG emissions reporting purposes. Therefore, this response specifically excludes emissions associated with the business operations of SKY Mexico.

DIRECTV is one of the world's leading providers of digital television entertainment services delivering a premium video experience through state-of-the-art technology, unmatched programming and industry leading customer service to nearly 39 million customers in the U.S. and Latin America. In the U.S., DIRECTV offers our 20.2 million customers access to more than 195 HD channels and digital-quality sound, access to exclusive sports programming such as NFL SUNDAY TICKET™, Emmy- award winning technology and higher customer satisfaction than the leading cable companies for 13 years running. DIRECTV Latin America, through our subsidiaries and affiliated companies in Brazil, Argentina, Venezuela, Colombia, and other Latin American countries, leads the pay-TV category in technology, programming and service, delivering an unrivaled digital television experience to 18.9 million customers. DIRECTV sports and entertainment properties include three Regional Sports Networks (based in Denver, Colorado, Pittsburgh, Pennsylvania, and Houston, Texas) as well as a 42 percent interest in Game Show Network.<sup>1</sup> For the most up-to-date information on DIRECTV, please visit [www.directv.com](http://www.directv.com).

DIRECTV has prepared this GHG emissions disclosure for reporting year 2014, defined as January 1, 2014 to December 31, 2014. This aligns with DIRECTV’s fiscal year. DIRECTV uses 2011 as its GHG inventory base year for Scope 1 and Scope 2 emissions in the U.S. and Latin America. DIRECTV has measured its GHG emissions from U.S. operations since 2011. DIRECTV first measured its Scope 1 and Scope 2 emissions from its Latin American operations in 2013. DIRECTV has prepared this Statement of GHG Emissions in accordance with the World Resources Institute/World Business Council for Sustainable Development’s *Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard* (“the GHG Protocol”) guidance regarding emissions disclosure.

For Scope 3 GHG emissions, DIRECTV uses guidance from the World Resources Institute/World Business Council for Sustainable Development’s *Corporate Value Chain (Scope 3) Accounting and Reporting Standard* (“Scope 3 Standard”).

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<sup>1</sup> DSN retains a non-controlling interest in an additional Regional Sports Network based in Seattle, WA.

## Greenhouse Gases

Table 2: Included Greenhouse Gases	
Greenhouse Gas	Emission Sources
Carbon dioxide (CO <sub>2</sub> )	Fossil fuel combustion in boilers, generators, from purchased electricity and from on and off-road mobile sources
Methane (CH <sub>4</sub> )	Byproducts of fossil fuel combustion
Nitrous oxide (N <sub>2</sub> O)	Byproducts of fossil fuel combustion
Hydrofluorocarbons	Refrigerants in heating, ventilation, and air conditioning (HVAC) systems and fugitive losses from vehicles
Hydrochlorofluorocarbons	Refrigerants in HVAC systems
DIRECTV has not identified any sources of emissions from greenhouse gases other than those identified in this table.	

## GHG Reporting Scope and Boundary

DIRECTV's Statement of GHG Emissions includes Scope 1 and Scope 2 emissions, as well as emissions offsets derived from Green-e Energy Certified Renewable Energy Certificates (RECs), identified within our organizational boundary. For 2014 reporting, the organizational boundary includes the operations of DIRECTV Holdings LLC and DIRECTV Sports Network (United States) and DIRECTV Latin America Holdings, Inc. (Latin America), excluding SKY Mexico. DIRECTV Latin America is comprised of: PanAmericana, which provides services in Argentina, Chile, Colombia, Ecuador, Peru, Puerto Rico, Venezuela, and certain other countries in the region, and Sky Brasil Servicos Ltda., or Sky Brasil, a 93% owned subsidiary.

These emission sources are as follows:

1. DIRECTV's Scope 1 emissions are those that are directly released due to DIRECTV's activities. This includes combustion of diesel fuel, gasoline, jet fuel, natural gas, LPG, ethanol, and propane as well as refrigerant and fire retardant releases. Per the *GHG Protocol* we account for the biogenic emissions from ethanol combustion separately from DIRECTV's other Scope 1 emissions.
2. DIRECTV's Scope 2 emissions are those that are indirectly released due to DIRECTV's activities. This includes purchased electricity.
3. DIRECTV's emissions offsets are derived from its purchase of Green-e Certified Renewable Energy Certificates (RECs) in the United States, which ensure that a specific amount of our electricity consumption is contractually associated with electricity generation from a renewable energy generating facility. The Green-e program is managed by the Center for Resource Solutions, which offers certification and verification of renewable energy and greenhouse gas mitigation products. The RECs purchased during 2014 correspond to 10% of the annual electricity consumption of a DIRECTV broadcast facility in New Hampshire. In accordance with Green-e Energy certification requirements, the RECs purchased by DIRECTV include all GHG reduction benefits associated with the renewable energy generation that produced the RECs, including CO<sub>2</sub> reduction benefits.



We report GHG emissions for U.S. and Latin American operations and facilities that are under our operational control. DIRECTV had operational control of 737 facilities<sup>2</sup> and over 6,800 vehicles during 2014. Further, we report emissions from broadband infrastructure in DTVLA and from broadcast equipment, such as Local Collection Facilities (LCFs) in the US, which we service and remotely operate but that are physically located within leased spaces outside of our controlled facilities. In addition to Scope 1 and Scope 2 emissions reporting, DIRECTV also includes Scope 3 indirect emissions that are outside of DIRECTV's operational control.

For the 2014 reporting year, these Scope 3 emission sources include:

1. In the United States and Latin America:
  - a. Emissions associated with customer use of leased and owned receivers; and
  - b. Emissions associated with employee business travel (rental vehicles and air travel).
2. In the United States only:
  - a. Emissions associated with the upstream third party transportation of DIRECTV's materials; and
  - b. Emissions associated with the consumption of electricity by information technology hardware hosted in third party data centers, reported for the first time in 2014.

### **Exclusions**

DIRECTV excluded consideration of GHG emissions associated with the operations of SKY Mexico for all years presented. DIRECTV owns a minority equity position in SKY Mexico, but the entity falls outside of DIRECTV's operational control boundary for GHG emissions reporting purposes.

DIRECTV excluded GHG emissions associated with ROOT Sports Southwest, formerly known as Comcast SportsNet Houston (see Acquisition and Divestment section, below), which it acquired in the fourth quarter of 2014. The timing of the acquisition late in 2014 meant that DIRECTV's knowledge of the sport network's operational footprint was insufficient to collect valid energy consumption data or to arrive at reasonable estimates for GHG emissions in 2014. We excluded Scope 3 emissions considerations for leased and owned assets used by customers in Latin America to receive broadband service from DTVLA's broadband business for all years presented.

### **Acquisitions and Divestments**

DIRECTV received judicial approval to purchase Comcast SportsNet Houston (Comcast SportsNet Houston renamed ROOT Sports Southwest under DIRECTV ownership) on October 30, 2014. The network debuted on DIRECTV's platform on November 17, 2014.

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<sup>2</sup> This count does not include storage units, land, third party call centers, or third party data centers.



## Emission Factors

The carbon dioxide equivalent emissions associated with the activities that DIRECTV noted above were determined on the basis of measured or estimated energy and fuel consumption, multiplied by publicly-available carbon dioxide equivalent emission factors obtained from third parties.

Table 3: Emission Factors		
Emissions Source	Emission Source Type	Emission Factor Employed
Scope 1	Natural gas Gasoline Diesel fuel Jet fuel Propane Refrigerants	<ul style="list-style-type: none"> <li>The Climate Registry's General Reporting Protocol (Version 1.1, May 2008 and Version 2.0, March 2013). (Note: These factors align with the factors used by the U.S. Environmental Protection Agency (EPA) and were last updated in April 2014)</li> <li>The GHG Protocol's Emission Factors from Cross-Sector Tools</li> </ul>
Scope 2	Purchased electricity	<ul style="list-style-type: none"> <li>2014 data: eGRID2012 version 1.0 (based on Year 2010 eGRID Subregion Emissions data)</li> <li>2013 data: eGRID2012 version 1.0 (based on Year 2010 eGRID Subregion Emissions data)</li> <li>2012 data: eGRID2012 version 9th edition 1.0 (based on Year 2009 eGRID Subregion Emissions data)</li> <li>2011 data: eGRID2010 version 9th edition 1.1 (based on Year 2007 eGRID Subregion Emissions data)</li> <li>International Energy Agency (IEA) Statistics, CO2 Emissions from Fuel Combustion Highlights, 2013 Edition</li> </ul>
Scope 3	Receivers (owned and leased) Third party transportation Employee business travel	<ul style="list-style-type: none"> <li>2014 data: eGRID2012 9th edition version 1.0 (based on Year 2010 eGRID State Emissions data)</li> <li>2013 data: eGRID2012 9th edition version 1.0 (based on Year 2010 eGRID State Emissions data)</li> <li>2012 data: eGRID2012 9th edition version 1.0 (based on Year 2009 eGRID State Emissions data)</li> <li>International Energy Agency (IEA) Statistics, CO2 Emissions from Fuel Combustion Highlights, 2013 Edition</li> <li>The GHG Protocol's Emission Factors from Cross-Sector Tools</li> <li>Oak Ridge National Laboratory's Transportation Energy Data Book</li> <li>UK Department of Environment, Food, and Rural Affairs' Guidelines to Defra/DECC's Greenhouse Gas Conversion Factors for Company Reporting</li> <li>The GHG Protocol's Table of All Emission Factors</li> </ul>

## Methodology Used to Determine Emissions

For Scope 1 and Scope 2 emissions, DIRECTV uses primary data such as electricity consumption or fuel use and relevant emission factors to determine our GHG emissions. DIRECTV collects this primary data from a variety of sources including, but not limited to:

- Utility records
- Fuel receipts
- Purchase orders
- HVAC maintenance records

- Contractual REC purchases

DIRECTV maintains Scope 1 and Scope 2 data in a variety of systems such as accounts payable records and fuel vendor databases. DIRECTV has actual use data for sources representing over 84% of our Scope 1 and Scope 2 emissions; we prepared estimates for the remaining data, including:

- Calculating electricity and natural gas use estimates for missing monthly data:
  - For new DIRECTV facilities in 2014, our estimated calculations use square footage, proxy facility type (corporate, customer service, dispatch center, etc.) and proxy regions (Midwest/Southeast, Northwest, etc.) to estimate electricity and natural gas use. We calculate the proxy facility type electricity use by using known electricity and natural gas use and square footage for all facilities of that proxy type to determine facility energy intensity, measured in kilowatt-hours per square foot or therms per square foot.
  - For existing DIRECTV facilities with some available electricity data, we estimated missing monthly records using available data for other months for the same facility. For existing facilities with some existing natural gas data, we estimated missing monthly records using available data for other months for the same facility. Most of these missing monthly records were attributable to fourth quarter 2014 electricity and natural gas consumption that was not yet available in our utility invoice record keeping system.
  - For existing facilities with no existing electricity data, we used each facility's 2013 estimated electricity consumption as a proxy for 2014 consumption. We applied this same methodology to estimate natural gas consumption for facilities with no natural gas data.
  - For existing facilities without available data in Latin America, we used each facility's estimated 2013 kWh consumption as a proxy for 2014 consumption. We did not estimate natural gas usage for Latin American facilities because it is not a commonly used fuel in this region.
  - To estimate monthly electricity consumption for our more than 450 broadband network locations in Latin America, we used estimates provided by the broadband management teams in Brazil and Argentina.
- Mobile fuel use:
  - For the US fleet, we estimated one month (December) of missing fleet propane fuel consumption by averaging the previous 11 months of available data.
  - In Latin America, where mobile fuel data was unavailable, we used 2013 fleet fuel consumption as a proxy for 2014 usage.
- Estimating refrigerant leakage: For 10 large US facilities (offices and call centers) where we do not have refrigerant leakage information, we have estimated the leakage based on the same estimation we performed for our 2011 GHG inventory, which we estimated using chiller type and loss estimates from our Inverness, Colorado office facility as a proxy for our other facilities. We estimated refrigerant usage in our mobile fleet by using average vehicle count and refrigerant leak rates from representative vehicles types. For three broadcast facilities in Latin America where actual refrigerant consumption data was unavailable, we used the Castle Rock Broadcast Center (the highest refrigerant consuming DIRECTV facility in 2014) as a proxy and allocated its refrigerant usage to our Latin American broadcast centers on a pro rata basis using the relative annual kilowatt hour consumption of the facilities.
- Forklift propane usage: We maintain 43 propane forklifts in the United States for which we have no propane usage records. We estimated the usage based on an online upper-bound estimate for forklifts and applied this usage estimate to all 43 forklifts.



- REC purchases: In the United States, DIRECTV was under a contract for the purchase of RECs equivalent to 10% of the monthly electricity consumption (measured in kilowatt-hours) of one of our facilities in New England. The specific number of RECs that we purchase and retire against our U.S. Scope 2 emissions will vary annually based on the amount of electricity consumed.

DIRECTV estimates Scope 3 emissions as follows:

- Receivers (United States and Latin America):
  - DIRECTV determines the type and count of all of our active receivers by state (in the United States) and by country (in Latin America). Using our records of typical energy consumption (TEC) for both ENERGY STAR and non-ENERGY STAR-qualified receivers, we estimate the electricity consumption associated with all of our active receivers by state (in the United States) and by country (in Latin America). DIRECTV has tested the TEC for more than 92% of all active receivers across the U.S. and Latin America. To estimate emissions, we multiply the active receiver TEC by the state level emissions factor (provided by eGRID2012 for U.S. calculations) or by the country level emissions factor (provided by IEA's *CO<sub>2</sub> Emissions from Fuel Combustion Highlights, 2013 Edition*) for Latin American calculations. Finally, we allocate the total emissions to an ownership or leased product category based on the percentage breakdown of active leased versus owned receivers in each country.
- Employee business travel:
  - Air travel (United States and Latin America): Our third party travel vendor provides records of all flight segments our employees traveled, the length of that segment, and the number of our employees who traveled on that segment during 2014. Using this information, the vendor determined total passenger-distance per segment, which DIRECTV then multiplied by an emission factor that accounts for the distance of the flight segment. Where business travel data was missing, DIRECTV estimated flight distances based on the average of data from all other available months.
  - Rental cars (United States-based employees only): Our third party rental car vendors provided records of the miles our employees traveled by vehicle class (economy, full-size, etc.). Using their records of fuel economy, the vendors estimated the gasoline used by each vehicle class. DIRECTV did not estimate rental car emissions in Latin America because data was not available for all years presented.
- Upstream Leased Assets:
  - We are reporting this category for the first time. DIRECTV received kilowatt consumption figures for the hardware we use in data center space that we lease from a third party. We used those kW figures and the known time periods to derive an estimate for kWh consumption. We then multiplied this kWh figure by the appropriate emissions factor associated with the location of the leased data center space.
- Third-party transportation (United States only):
  - Third party ground transportation: We utilize a third party delivery service to ship packages to and from end customers which is paid for by DIRECTV. This vendor utilizes a proprietary system to estimate the emissions associated with our shipments (using shipment weight, zone, and mode) on a pounds of CO<sub>2</sub> per pound shipped basis.
  - Ocean transportation: We utilize a third party logistics firm to handle ocean logistics. This vendor utilizes a proprietary system to estimate the emissions associated with our shipments (using shipment weight, vessel information, and shipping distances) on a kilogram CO<sub>2</sub> per shipment basis.

- Warehousing: We utilize a third party logistics firm to maintain our U.S. distribution centers. This vendor provided electricity consumption for DIRECTV's distribution centers and we calculated emissions using eGRID2012 electricity emission factors.
- Third party freight handling: We utilize a third party logistics firm to move our products within the U.S. This vendor provides us information on shipment mode, weight, and distance and we estimate emissions by determining either fuel use or ton-miles and applying emission factors based on the selected category.
- DIRECTV has begun the process to be able to report on emissions associated with third party transportation in Latin America. We were unable to obtain enough data to report in this area for the 2014 reporting.

**Note 2: Scope 1 and Scope 2 Emissions by Greenhouse Gas Type**

Table 4: Emissions by Greenhouse Gas				
Greenhouse Gas Type	Metric Tonnes		MTCO <sub>2</sub> e	
	2014	2013	2014	2013
Carbon Dioxide (CO <sub>2</sub> )	195,536	191,388	195,536	191,388
Methane (CH <sub>4</sub> )	4.8	4.7	101	100
Nitrous Oxide (N <sub>2</sub> O)	2.1	2.6	650	811
Hydrofluorocarbons (HFCs)	2.3	2.7	2,884	3,521
Hydrochlorofluorocarbons (HCFCs)	0.5	2.3	-	-
<b>Total Scope 1 and Scope 2 Emissions</b>	<b>195,546</b>	<b>191,400</b>	<b>199,171</b>	<b>195,820</b>
Voluntary offsets for Scope 2	(163)	(183)	(163)	(183)
<b>Net Scope 1 and Scope 2 Emissions</b>	<b>195,383</b>	<b>191,217</b>	<b>199,008</b>	<b>195,637</b>

**Notes to Table 4**

- MTCO<sub>2</sub>e = metric tonnes of carbon dioxide equivalent
- HCFC-22 is not included in The Climate Registry's *General Reporting Protocol* because it is monitored as an ozone-depleting substance per the Montreal Protocol.
- Type of voluntary Scope 2 offset is a REC.

**Note 3: Scope 3 Emissions by Source**

<b>Table 5: Total Scope 3 Emissions by Source (Metric Tonnes MTCO<sub>2e</sub>)</b>					
<b>Scope 3 Source</b>		<b>2014</b>	<b>2013</b>	<b>2012</b>	<b>2011</b>
<b>Upstream</b>	1. Purchased Goods & Services	NR	NR	NR	NR
	2. Capital Goods	NR	NR	NR	NR
	3. Fuel- and Energy-Related Activities (not incl. Scope 1&2)	NR	NR	NR	NR
	4. Transportation & Distribution	<b>55,133</b>	<b>54,413</b>	<b>54,422</b>	<b>60,687</b>
	Ocean	15,898	13,680	14,947	17,091
	Ground	32,889	37,288	37,449	41,146
	Air	2,790	51	4	45
	Facilities	3,556	3,394	2,022	2,405
	5. Waste Generated in Operations	NR	NR	NR	NR
	6. Business Travel	<b>17,133</b>	<b>16,883</b>	<b>15,269</b>	<b>13,464</b>
Business travel – Air	16,361	16,144	14,550	12,880	
Business travel - Car Rental	772	739	719	584	
7. Employee Commuting	NR	NR	NR	NR	
8. Leased Assets	<b>3,147</b>	NR	NR	NR	
	3,147				
<b>Downstream</b>	9. Transportation & Distribution	NR	NR	NR	NR
	10. Processing of Sold Products	NR	NR	NR	NR
	11. Use of Sold Products	<b>370,918</b>	<b>484,995</b>	<b>532,298</b>	NR
	Owned receivers	370,918	484,995	532,298	NR
	12. End-of-Life Treatment of Sold Products	NR	NR	NR	NR
	13. Leased Assets	<b>3,359,964</b>	<b>3,394,601</b>	<b>3,433,895</b>	NR
	Leased receivers	3,359,964	3,394,601	3,433,895	NR
	14. Franchises	NR	NR	NR	NR
15. Investments	NR	NR	NR	NR	
<b>Total Scope 3 Emissions (MTCO<sub>2e</sub>)</b>		<b>3,806,295</b>	<b>3,950,892</b>	<b>4,035,883</b>	<b>74,151</b>

**Notes to Table 5**

- An “NR” response indicates that the category is either not relevant for DIRECTV or not reported by DIRECTV in the year noted.
- DIRECTV’s Scope 3 figures do not include Latin American emissions associated with upstream transportation and distribution or rental car business travel because data for these categories was not available for analysis in 2014. We will continue to identify, collect, and calculate additional information in the future.
- Upstream Leased Assets include only the emissions associated with the use of information technology hardware in a third party-hosted data center.

**Table 6: Notes on Scope 3 Emissions Evaluation Status and Methodology**

	Sources of Scope 3 emissions	Evaluation Status and Methodology	% Emissions Calculated Using Primary Data
Upstream	1. Purchased Goods & Services	Relevant, not yet calculated	N/A
	2. Capital Goods	Relevant, not yet calculated	N/A
	3. Fuel- and Energy-Related Activities (not included in Scope 1 or 2)	Relevant, not yet calculated	N/A
	4. Transportation & Distribution	Relevant, calculated: Includes the upstream emissions of fuel consumption consumed by third party ocean, air, and ground transportation vendors to deliver DIRECTV's products from the manufacturer to DIRECTV's warehouses and then from these warehouses to DIRECTV's owned and operated warehouses.	100%
	5. Waste Generated in Operations	Relevant, not yet calculated	N/A
	6. Business Travel	Relevant, calculated: Includes emissions associated with employee business travel (air and road, excluding routine daily commuting) and derived from data including distance of flight, type/class of vehicle, miles traveled by vehicle type/class, and average fuel economy by vehicle type/class.	100%
	7. Employee Commuting	Relevant, not yet calculated	N/A
	8. Leased Assets	Relevant, calculated: Includes upstream use of electricity in leased data center space.	100%
Downstream	9. Transportation & Distribution	Not relevant, by GHG Protocol definition DIRECTV's emissions from third party transportation and distribution qualify as upstream.	N/A
	10. Processing of Sold Products	Not relevant, explanation provided: DIRECTV does not offer intermediate sold products.	N/A
	11. Use of Sold Products	Relevant, calculated: Includes emissions associated with end-use customers' use of DIRECTV's receivers and other DIRECTV products that are owned by customers.	100%
	12. End-of-Life Treatment of Sold Products	Relevant, not yet calculated	N/A
	13. Leased Assets	Relevant, calculated: Includes emissions associated with end-use customers' use of receivers and DIRECTV products that are leased by customers.	100%
	14. Franchises	Not relevant, DIRECTV does not operate franchises.	N/A
	15. Investments	Relevant, not yet calculated	N/A

**Notes to Table 6:**

- DIRECTV defines primary data as data that either comes from a primary source or data that is estimated from available primary data within the reporting year.
- DIRECTV's Scope 3 figures do not include Latin American emissions associated with upstream transportation and distribution or rental car business travel because data for these categories was not available for analysis in 2014. We will continue to identify, collect, and calculate additional information in the future.
- Upstream Leased Assets include only the emissions associated with the use of information technology hardware in a third party-hosted data center.

## INDEPENDENT ACCOUNTANTS' REVIEW REPORT

To the Board of Directors

**DIRECTV**

**El Segundo, California**

We have reviewed the accompanying Statement of Greenhouse Gas Emissions ("Statement of GHG Emissions") of DIRECTV and its subsidiaries (the "Company") for the years ended December 31, 2014, 2013, 2012, and 2011. The Company's management is responsible for the Statement of GHG Emissions.

We conducted our review in accordance with attestation standards established by the American Institute of Certified Public Accountants. A review consists principally of obtaining an understanding of the nature of the Company's greenhouse gas emissions, applying analytical procedures, considering environmental assumptions, methods, and findings, and making inquiries of and evaluating responses from persons responsible for environmental and operational matters. It is substantially less in scope than an examination, the objective of which is the expression of an opinion on the presentation. Accordingly, we do not express such an opinion. A review of the Statement of GHG Emissions is not intended to provide assurance on the Company's compliance with laws or regulations.

As described in Note 3, (Table 5), environmental and energy use data are subject to measurement uncertainties resulting from limitations inherent in the nature and the methods used for determining such data. The selection of different but acceptable measurement techniques can result in materially different measurements. The precision of different measurement techniques may also vary.

Based on our review, nothing came to our attention that caused us to believe that the Statement of GHG Emissions of the Company for the years ended December 31, 2014, December 31, 2013, December 31, 2012 and December 31, 2011 is not presented, in all material respects, in conformity with the Greenhouse Gas Protocol Corporate Accounting and Reporting Standard and the Corporate Value Chain (Scope 3) Accounting and Reporting Standard published by the World Business Council for Sustainable Development and the World Resources Institute.

February 12, 2015

*Deloitte & Touche LLP*