

## Facebook Sustainability Data 2014\*

### Energy Use (kWh)

Data Centers	2011	2012	2013	2014
Prineville, OR	71,000,000	153,000,000	224,000,000	262,000,000
Forest City, NC	6,000,000	98,000,000	225,000,000	322,000,000
Lulea, Sweden	not yet online	5,000,000	53,100,000	105,000,000
West Coast Colocation Facility	227,000,000	185,000,000	58,000,000	38,000,000
East Coast Colocation Facility	205,000,000	237,000,000	226,000,000	229,000,000
Altoona, Iowa	not yet online	not yet online	360,000	30,000,000
<b>Subtotals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Data Center Total	509,000,000	678,000,000	787,000,000	986,000,000
Office Space & Other Facilities	23,000,000	27,000,000	35,000,000	49,000,000
<b>Total Energy Use</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Total energy use	532,000,000	704,000,000	822,000,000	1,035,000,000

### Energy Mix (data center energy)

Source	2011	2012	2013	2014
Clean & Renewable	23%	19%	14%	20%
Coal	27%	34%	34%	34%
Natural Gas	17%	15%	17%	15%
Nuclear	13%	22%	23%	23%
Uncategorized	20%	10%	12%	7%

### Carbon Footprint (metric tonnes CO2e)

Data Centers (Scope 1 & 2)	2011	2012	2013	2014
East Coast Colocation Facility	101,000	117,000	91,000	103,000
West Coast Colocation Facility	44,000	36,000	17,000	11,000
Prineville, OR	48,000	104,000	162,000	187,000
Forest City, NC	3,000	41,000	85,000	119,000
Lulea, Sweden	not yet online	not yet online	70	60
Altoona, Iowa	not yet online	not yet online	not yet online	390
<b>Other Business Activity (Scope 3)</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Corporate Travel	15,000	18,000	23,000	29,000
Hardware Transportation	6,000	11,000	7,000	8,000
Employee Commuting	8,000	10,000	10,000	13,000
Data Center Construction	36,000	35,000	45,000	34,000
<b>Subtotals</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Data Center Total	196,000	298,000	355,000	420,000
Office Space & Other Facilities	13,000	13,000	17,000	24,000
Other Business Activity	65,000	73,000	85,000	84,000
<b>Total Carbon Footprint</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
Total Carbon Footprint	275,000	384,000	458,000	528,000

### Carbon Intensity (metric tonnes CO2e / monthly active person)

Per Facebook User (active monthly)	0.000249	0.000294	0.000311	0.000263
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### Scope Breakdown

	2011	2012	2013	2014
Scope 1	2%	1%	2%	1%
Scope 2	75%	80%	79%	83%
Scope 3	23%	19%	19%	16%

### Water (gallons)

Data Centers	2014
Prineville, OR	15,000,000
Forest City, NC	33,000,000
Lulea, Sweden	4,000,000
West Coast Colocation Facility	12,000,000
East Coast Colocation Facility	63,000,000
Altoona, Iowa	6,000,000
<b>Subtotals</b>	<b>2014</b>
Data Center Total	132,000,000
Office Space & Other Facilities	68,000,000
<b>Total Water Use</b>	<b>2014</b>
Total Water use	200,000,000

\* Numbers are rounded; totals calculated before rounding

## "Regional" vs "Contractual" Scope 2 Impact (metric tonnes CO2e)

Data Centers	2012		2013		2014	
	Regional	Contractual	Regional	Contractual	Regional	Contractual
East Coast Colo	112,000	117,000	107,000	91,000	112,000	103,000
West Coast Colo	55,000	36,000	17,000	17,000	11,000	11,000
Prineville	57,000	103,000	84,000	158,000	100,000	186,000
Forest City	46,000	41,000	106,000	85,000	157,000	118,000
Lulea	160	0	1,600	0	1,000	0
Altoona	0	0	300	0	21,000	0
<b>Total</b>						
Total Data Center Electricity	270,000	297,000	316,000	351,000	402,000	418,000

Since 2012, we have made available two versions of our emissions data from energy used in our data centers: contractual impact and regional impact. We emphasize contractual emissions because we believe they provide a more accurate accounting of our impact but we feel it's important to share both versions in the spirit of transparency. Guidance from the World Resources Institute recommends sharing both sets of numbers. You can learn more about their Scope 2 guidance here: [http://www.ghgprotocol.org/scope\\_2\\_guidance](http://www.ghgprotocol.org/scope_2_guidance)

