



Annual Progress Report 2014
City of Richmond Office of Sustainability

Indicator	Metric	Target	2013		2008		Percent Change 2008-2013	Source of Information
Population			214,114		202,867		5.54%	US Census Bureau American Communities Survey
Households			83,775		80,000		4.72%	US Census Bureau American Communities Survey
Economic Development								
Percent of green jobs	Jobs in Bureau of Labor Statistics' Standard Occupational Codes	Upward Trend	26.44%		28.59%		-7.53%	Virginia Economic Development Partnership
Access to Healthy Food	Residents with access to a Grocery Store within 1 mile, or other healthy food option* w/in 1/4 mi	Upward Trend	170,420	79.59%	n/a	n/a		Google, Business Listings, City GIS, American Communities Survey
<i>Other Healthy Food Option*</i>			52,769	24.65%	n/a	n/a		*other healthy food option defined as Farmer's Market, Community Garden, Neighborhood Grocery, or Healthy Corner Store. Neighborhood Grocery is a store that sells local/healthy food options but is not a full service grocery store; Healthy Corner Store is a participant in Tricycle Gardens' initiative.
<i>Grocery Store but no Other Healthy Food Option</i>			117,635	54.94%	n/a	n/a		
<i>Other Healthy Food Option but No Grocery Store</i>			9,270	4.33%	n/a	n/a		
<i>both</i>			43,499	20.32%	n/a	n/a		
<i>neither</i>		Downward Trend	43,694	20.41%	n/a	n/a		
Energy								
			2013		2008		Percent Change 2008-2013	
Renewable Energy,watts	Cumulative watts of net metered solar and wind energy installations	Upward Trend	1271070.00		4,000		31677%	Division of Mines, Minerals and Energy
Energy Use, mWh	kWh consumed by community per sector	Downward Trend	3,253,503		3,396,341		-4.21%	
<i>residential usage, per customer kWh</i>			11,074		11,031		0.39%	
<i>commercial usage per customer kWh</i>			109,347		116,872		-6.44%	
<i>Industrial usage per customer kWh</i>			6,784,247		8,479,016		-19.99%	
<i>governmental usage per customer kWh</i>			239,980		234,335		2.41%	
Environment								
			2013		2008		Percent Change 2008-2013	
Unhealthy Air Quality Days	Orange Air Quality Days = Air Quality Index (AQI)>120	Downward Trend	1		14		-93%	Virginia Department of Environmental Quality
Unhealthy Air Quality Days	Red Air Quality Days = Air Quality Index (AQI)>150	Downward Trend	0		3			Virginia Department of Environmental Quality
Recycling rate	Recycling as a percentage of all solid waste	Upward Trend	4.7%		3.4%		39.52%	
Recycling	Tons of recycling collected by CVWMA within the City of Richmond	Upward Trend	7,972		6,904		15.47%	Central Virginia Waste Management Authority
	<i>average pounds / household</i>		190		173		10.27%	
Solid Waste - Tons	Tons of waste sent to Waste Transfer Center from Richmond region	Downward Trend	161,796		198,219		-18.38%	Waste Management
	<i>pounds/household</i>		3,863		4,955		-22.05%	
Acres treated by permitted BMPs		Upward Trend	514.1		427		20.40%	DPU - MS4 report, Attachment C SCM Database
Open Space & Land Use								
			2013		2008		Percent Change 2008-2013	
Access to Open Space	residents living within 1mi of city owned park/open space in Richmond GIS layer (playground, mini park, community center, open space, neighborhood park, regional park, cemetery, park facility, school playground, sports complex, linear park, or standalone pool)	Upward Trend	172043 WITH, 42056 W/O	80.36%	n/a	n/a		city owned park/open space in Richmond GIS layer (playground, mini park, community center, open space, neighborhood park, regional park, cemetery, park facility, school playground, sports complex, linear park, or standalone pool)
Housing Cost Burden	Households paying more than 30% of income for housing	Downward Trend	45.3%		45.1%		0.20%	Housingvirginia.org - 2012 data most recent available
Urban Tree Canopy	Number of Trees planted by City of Richmond Dept of Urban Forestry	Upward Trend	2250		441		410.20%	City of Richmond Urban Forestry Dept
Transportation								
			2013		2008		Percent Change 2008-2013	
Alternative Transportation Mode Share	% of trips by mode share citywide	Upward Trend	31.43%		31.12%		1.00%	US Census Bureau American Communities Survey
<i>all workers</i>			98,677		91,908		7.36%	
<i>carpooled</i>			11,102		10,371		7.05%	
<i>public trans</i>			5,289		8,454		-37.44%	
<i>walked</i>			6,108		3,547		72.20%	
<i>bicycle or other</i>			4,645		2,357		97.07%	
<i>worked at home</i>			3,868		3,869		-0.03%	
Daily Vehicle Miles Travelled		Downward Trend	4,733,627		5,044,852		-6.17%	VDOT
Climate Action								
GHG emissions - Community CO2E (Tonnes)		Downward Trend	3,188,954	Sector %	3,377,616	Sector %	-5.59%	City of Richmond GHG Report
<i>Residential</i>			742,712	23.29%	748,875	22.17%	-0.82%	
<i>Commercial</i>			1,216,813	38.16%	1,246,131	36.89%	-2.35%	Includes Governmental
<i>Industrial</i>			387,912	12.16%	471,055	13.95%	-17.65%	
<i>Transportation</i>			805,031	25.24%	866,166	25.64%	-7.06%	
<i>Waste</i>			35,123	1.10%	43,030	1.27%	-18.38%	
<i>Wastewater</i>			1,363	0.04%	2,359	0.07%	-42.22%	
GHG emissions - Gov't CO2E (Tonnes)		Downward Trend	145,849	Sector %	159,472	Sector %	-8.54%	City of Richmond GHG Report
<i>Buildings/Facilities</i>			39,225	26.89%	41,462	26.00%	-5.40%	
<i>Street & Traffic Lights</i>			14,075	9.65%	18,723	11.74%	-24.83%	
<i>Water</i>			24,673	16.92%	26,071	16.35%	-5.36%	
<i>Wastewater</i>			23,705	16.25%	16,903	10.60%	40.24%	
<i>Solid Waste -Scope 3</i>			15,565	10.67%	19,599	12.29%	-20.58%	
<i>Fleet</i>			17,163	11.77%	22,490	14.10%	-23.69%	
<i>Employee Commute</i>			11,097	7.61%	13,745	8.62%	-19.27%	
<i>Refrigerants/Fire Suppressants</i>			346	0.24%	479	0.30%	-27.77%	