



PIERCE COUNTY 2013 SUSTAINABILITY INDEX

	2009	2010	2011	2012	2013	Notes
Air Quality						
Pierce County is in compliance with Federal air quality standards	No	No	No	No	No	Fourth improved winter in a row
Employee Sustainability Training (2008-2013 Surveys)						
% of employees who take Sustainability into consideration in their jobs	N/A	78%	84%	87%	94%	7% improvement over 2012*
% of departments who take sustainability into consideration often	37%	44%	52%	60%	70%	10% improvement over 2012
Building Energy Efficiency						
Electricity use	35,140,528 kWh	33,427,858 kWh	32,276,203 kWh	30,246,709 kWh	28,018,055 kWh	23.18% owned building energy reduction since 2009*
Natural gas use	662,227 therms	536,720 therms	484,369 therms	494,973 therms	473,879 therms	5 point increase over 2009
Energy Star Portfolio Rating (75 = Energy Star)	67	69	70	72	73	Saved \$298,541 since 2009
Wastewater Treatment Energy Star Score (50 = Average Score)	51	55	56	61	62	Saved \$1,645,774 since 2009
Money spent on electricity and natural gas (Non Wastewater Plant)	\$2,470,547	\$2,204,390	\$2,120,393	\$2,097,340	\$2,112,832	Saved \$343,085 since 2009
Total Utility Rebates for Energy Efficiency Projects	\$0.00	\$14,951.00	\$68,923.00	\$39,204.00	\$220,007.00	
Green Purchasing and Recycling						
% of office products purchased with recycled content	24.96%	27.64%	33.60%	26.00%	26.70%	Increased by 1.74% since 2009
Money Spent on Office Products	\$1,070,009	\$896,971	\$1,134,819	\$1,100,302	\$952,065	Saved \$148,237 over 2012
Money spent on printer and copier paper	\$213,880	\$194,644	\$197,841	\$169,276	\$148,634	Reduced paper spend by 30.5%*
Pounds per month per employee of recycled material	18.81 pounds	22.5 pounds	26.25 pounds	27.8 pounds	N/A	47.8% increase in recycling*
Transportation						
% of Fleet Hybrid or Electric for general use fleet	15.3%	18.4%	22.5%	25.0%	25.4%	53 Hybrid/Alt/Electric Vehicles
Average miles per gallon for general use fleet (Non-Sheriff)	14.1 mpg	16 mpg	17 mpg	16.9 mpg	17.1 mpg	Sheriff averaged 13.06 MPG
General Use Fleet Total gallons	487,429 gallons	471,861 gallons	439,020 gallons	426,748 gallons	412,748 gallons	15.3% Reduction Since 2009
Unleaded gasoline burned (all fleets and mileage reimbursements)	646,323 gallons	631,448 gallons	599,088 gallons	577,406 gallons	547,916 gallons	15.2 % Reduction Since 2009
Diesel fuel burned (all fleets & ferry)	465,231 gallons	480,339 gallons	505,312 gallons	495,233 gallons	475,020 gallons	2.1% Increase over 2009
Total gallons of unleaded and diesel (all fleets, ferry & reimbursements)	1,111,554 gallons	1,111,787 gallons	1,104,400 gallons	1,072,639 gallons	1,038,398 gallons	6.6% reduction since 2009
Miles reimbursed by county	449,664 miles	413,089 miles	427,660 miles	390,348 miles	380,372 miles	15.4% reduction since 2009
Average Recorded Commute Trip Reduction trips per employee	16.7 Trips	15.5 Trips	18.2 Trips	19.1 Trips	18.6 Trips	58,596 Total Trips
Water Quality and Quantity						
Water Use in Owned Buildings	78499.5 KGal	69386.6 KGal	70173.6 Kgal	75466.6 Kgal	70,293.3 Kgal	10.45% reduction since 2009*
Cost of Water Use	\$209,849.85	\$206,204.59	\$223,093.97	\$229,491.49	\$240,558.60	Cost of water went up 6.5%
Water Quality Grade For Streams Scientific Grade	C	C	C+	C+	C	Water quality went down

Pierce County Employees Have Combined To Save over \$2,500,000 Since 2009

Combined Savings Over Baseline Year 2009	2012 vs. 2013
Fuel Savings @ \$3.50 per gallon: \$416,472	\$119,843
Total Energy Savings Buildings: \$1,645,774*	\$15,492
Water Costs: -\$59,949.25*	\$11,067
Office Supplies Savings: \$195,880	\$148,238
Energy Rebates: \$343,085	\$180,803
Total Four Year Savings: \$2,541,261.75	1 Year Savings: \$422,325

* Met 2015 Sustainability Goal

*Energy and water utility rates have risen significantly since 2009