



# Multnomah County

## Resource Conservation Report 2018

Multnomah County's progress in  
reducing environmental impacts  
over the past eleven years

**John Wasiutynski**

**Tim Lynch**

Office of Sustainability

**Patrick Williams**

**Eric Winn**

Department of County Assets

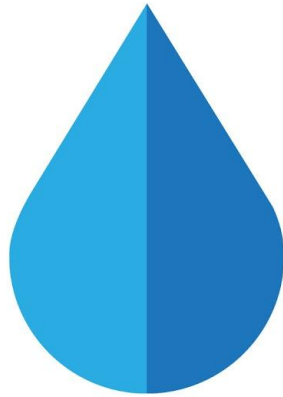
# Multnomah County Resource Conservation Report 2018

---



---

**EMISSIONS**



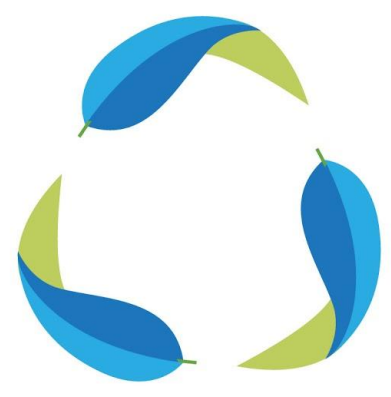
---

**WATER**



---

**ENERGY**

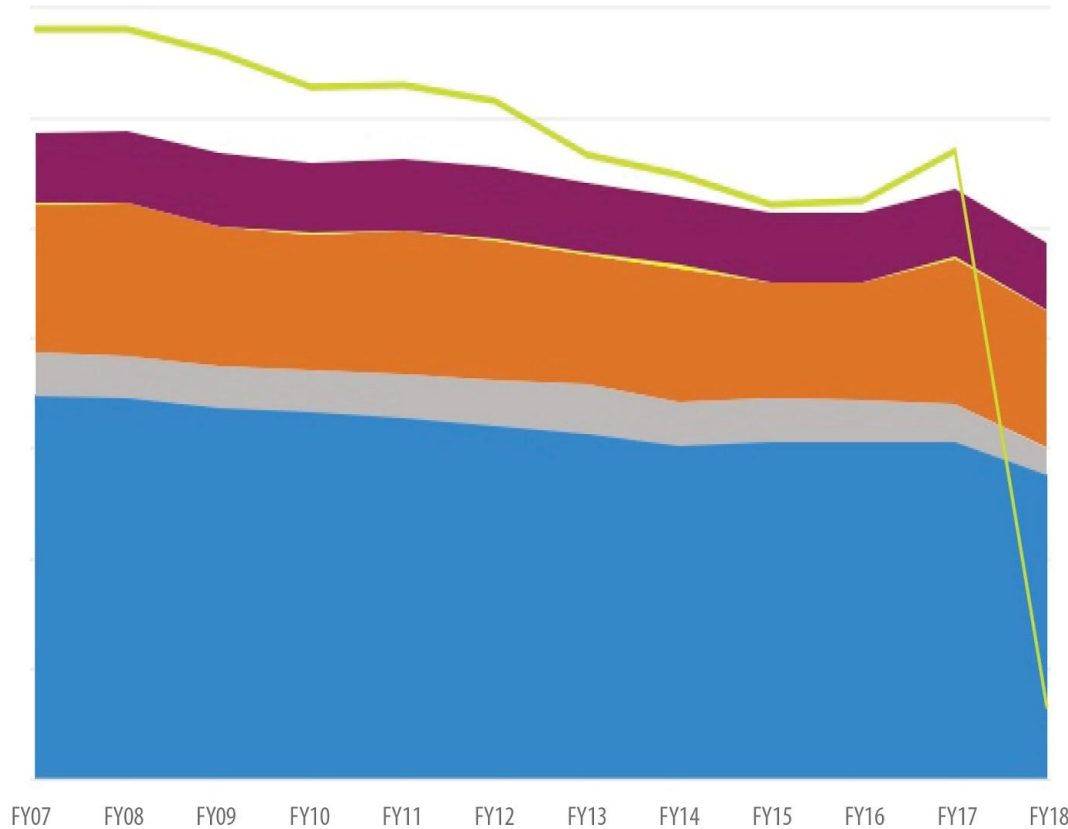


---

**SOLID WASTE  
& RECYCLING**



# Multnomah County Resource Conservation Report 2018



**-61%**

**EMISSIONS**

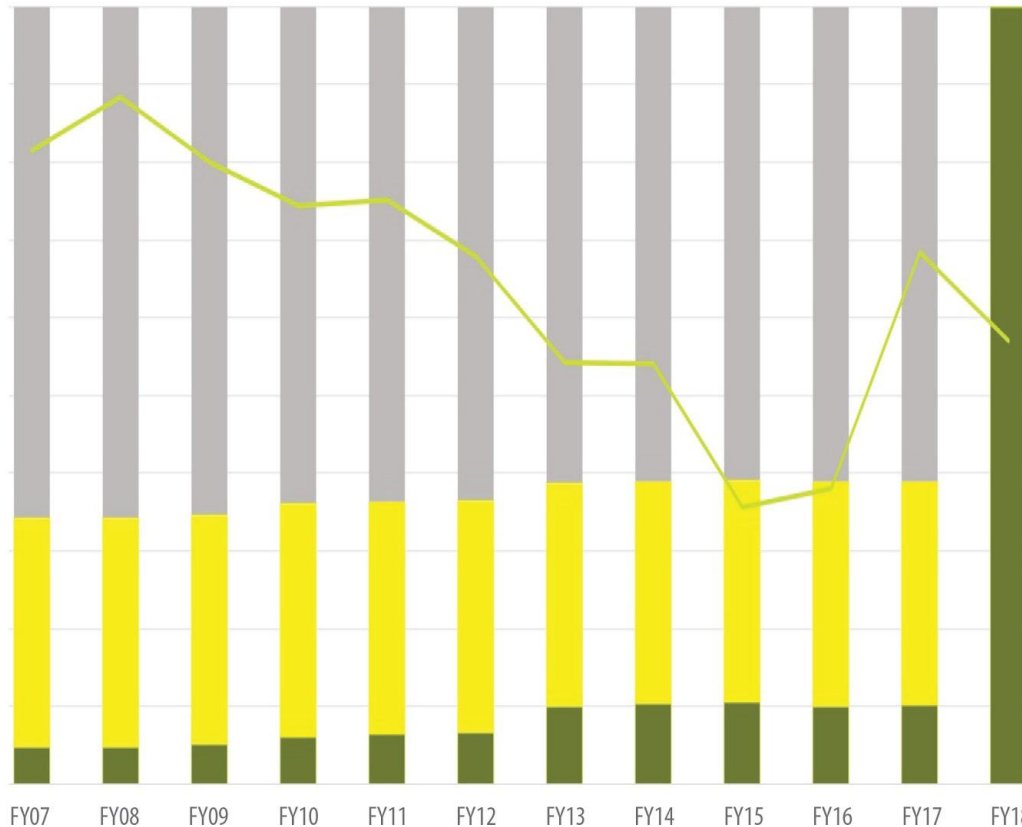


- % GHG Reduction from FY07
- Building Electricity
- Roads & Bridges Electricity
- Natural Gas
- Stationary Fuels
- Fleet Fuel

**GOAL:** By 2030, reduce greenhouse gas emissions from County operations by 53 percent from FY07 levels.



# Multnomah County Resource Conservation Report 2018



**-8%**

**ENERGY**

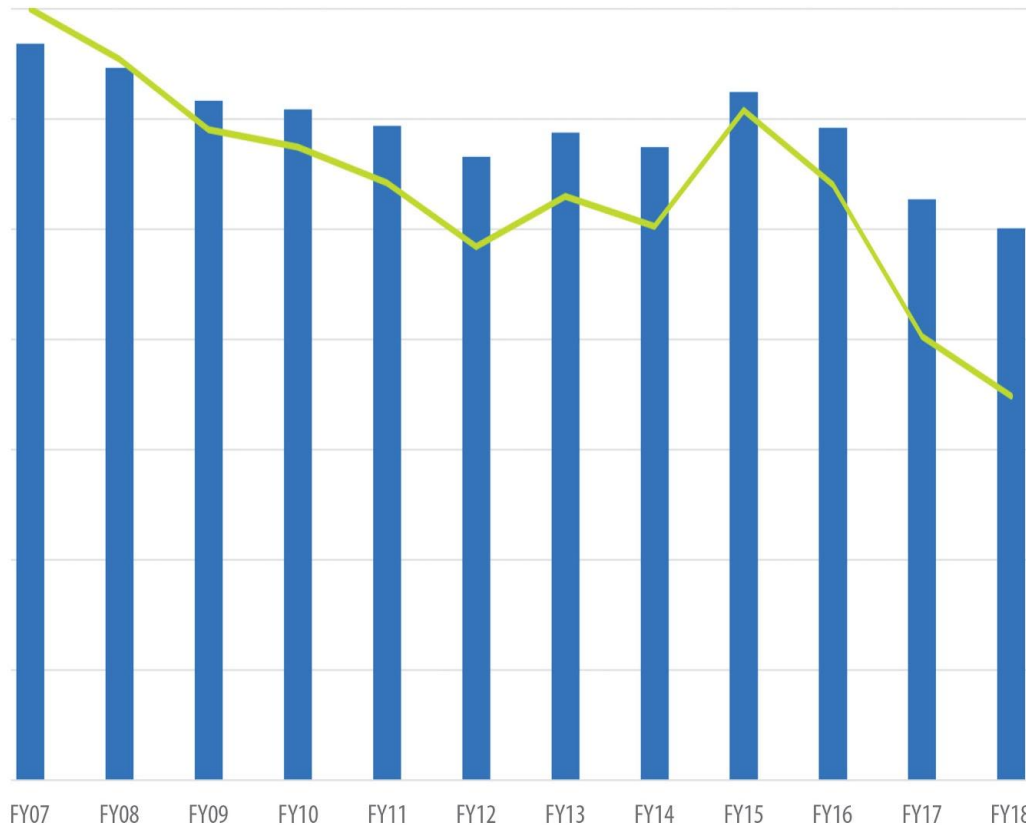


- Energy Use Intensity Trend (kBtu/square foot)
- County Solar Generation & RECs
- % Renewable Electricity from Grid
- % Fossil Fuel Electricity from Grid

**GOAL:** To obtain 100% of electricity used at County facilities from renewable energy sources through a combination of on-site renewable electricity generation, utility-supplied renewables, dedicated off-site renewable resources, and renewable energy credit purchases (REC).



# Multnomah County Resource Conservation Report 2018



**-23%**

**WATER**

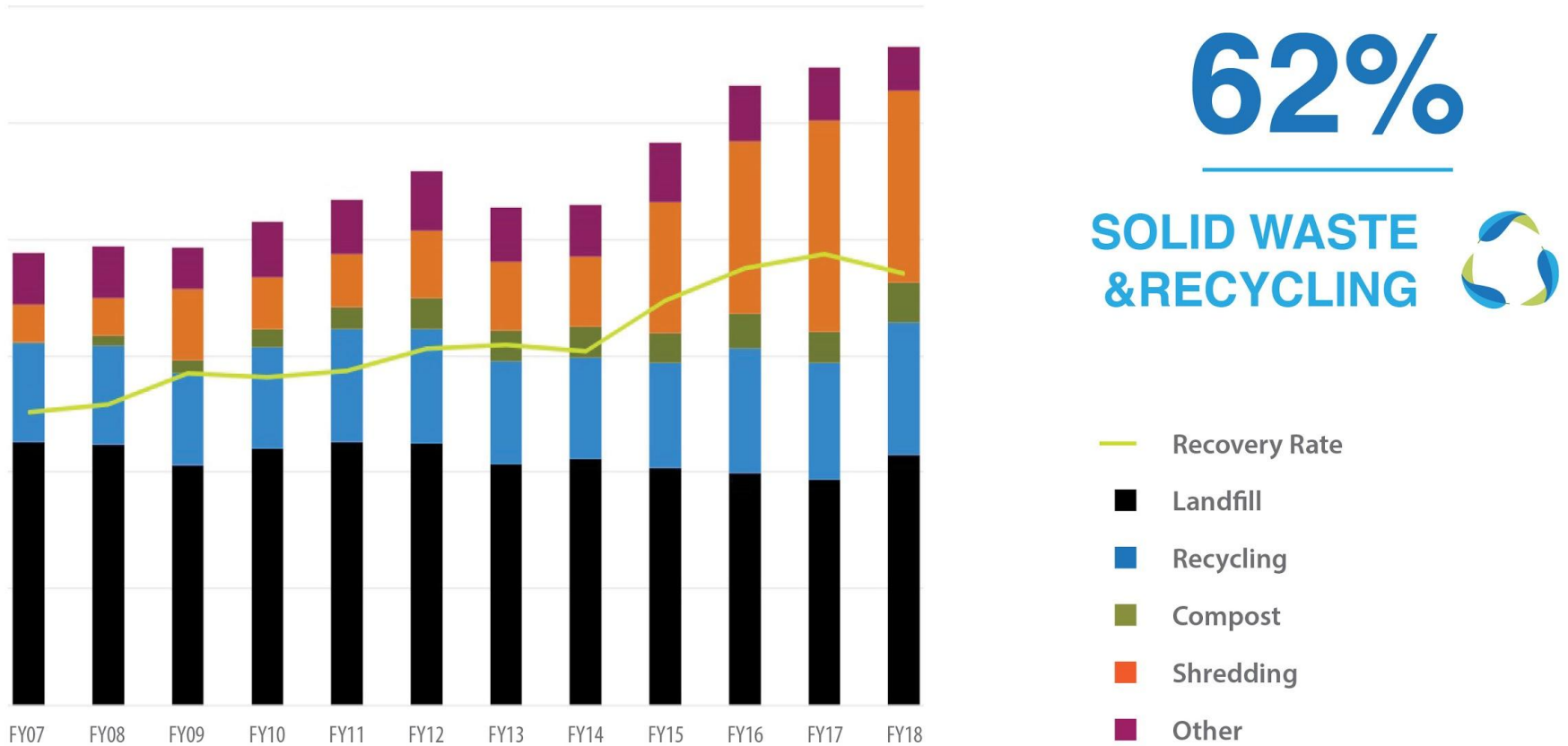


- Water Use Intensity  
CCF / square foot)
- Water Consumption

**GOAL:** Multnomah County has not established a water savings goal, however, reducing potable water use over time is critical for saving money and increasing resilience.



# Multnomah County Resource Conservation Report 2018



**GOAL:** To reduce total waste 12.5 percent below FY09-10 levels and recover 65 percent of all waste generated by County employees.





# **COST AVOIDANCE**

[ in FY18 ]

**Over \$1 million**

avoided utility expenses

**Over \$2 million**

in social and environmental benefits



# Multnomah County Resource Conservation Report 2018

---

## WHAT'S NEXT



RENEWABLES GENERATION



NEW BUILDINGS



WATER FIXTURES UPGRADES



EMPLOYEE ENGAGEMENT



FUEL REDUCTION



EFFICIENCY UPGRADES

