



# Bringing Consistency to State Recycling Metrics

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**COG Recycling Committee Meeting**  
May 17, 2018



CHANGING HOW WE THINK ABOUT OUR RESOURCES FOR A BETTER TOMORROW



# State Measurement Program (SMP)



*State  
Measurement  
Program*



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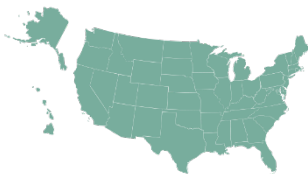


# Goals of SMP

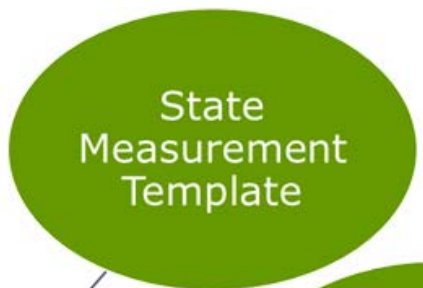
- **Accelerate** managing materials and products on a lifecycle basis
- **Drive** market signals and economic interventions to improve materials management;
- **Improve** data, tools, research and internal/external processes;
- **Expand** the public dialogue on how materials management impacts the environment;
- **Engage** the business community to think across the lifecycle and the value chain; and
- **Promote** the replication of successful recycling, reuse and source reduction ideas and programs.



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State Measurement Program



State Measurement Template



15 questions.  
States submit Quantitative Data on Recycling, Landfill, WTE, and SMM information



SMM Resource Module



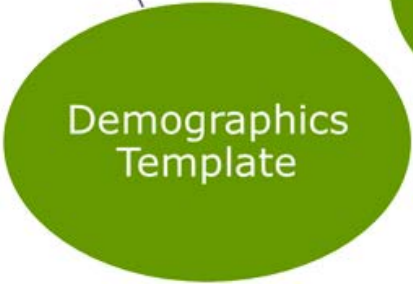
Provides Programmatic/ Qualitative information for all 50 States.



Feedback Form



Provides yearly feedback to the SMP on definitions, data and methodology as well as requests for improvements.



Demographics Template



Population information is pulled from US Census Bureau, however States have the prerogative to change federal numbers with state estimates.



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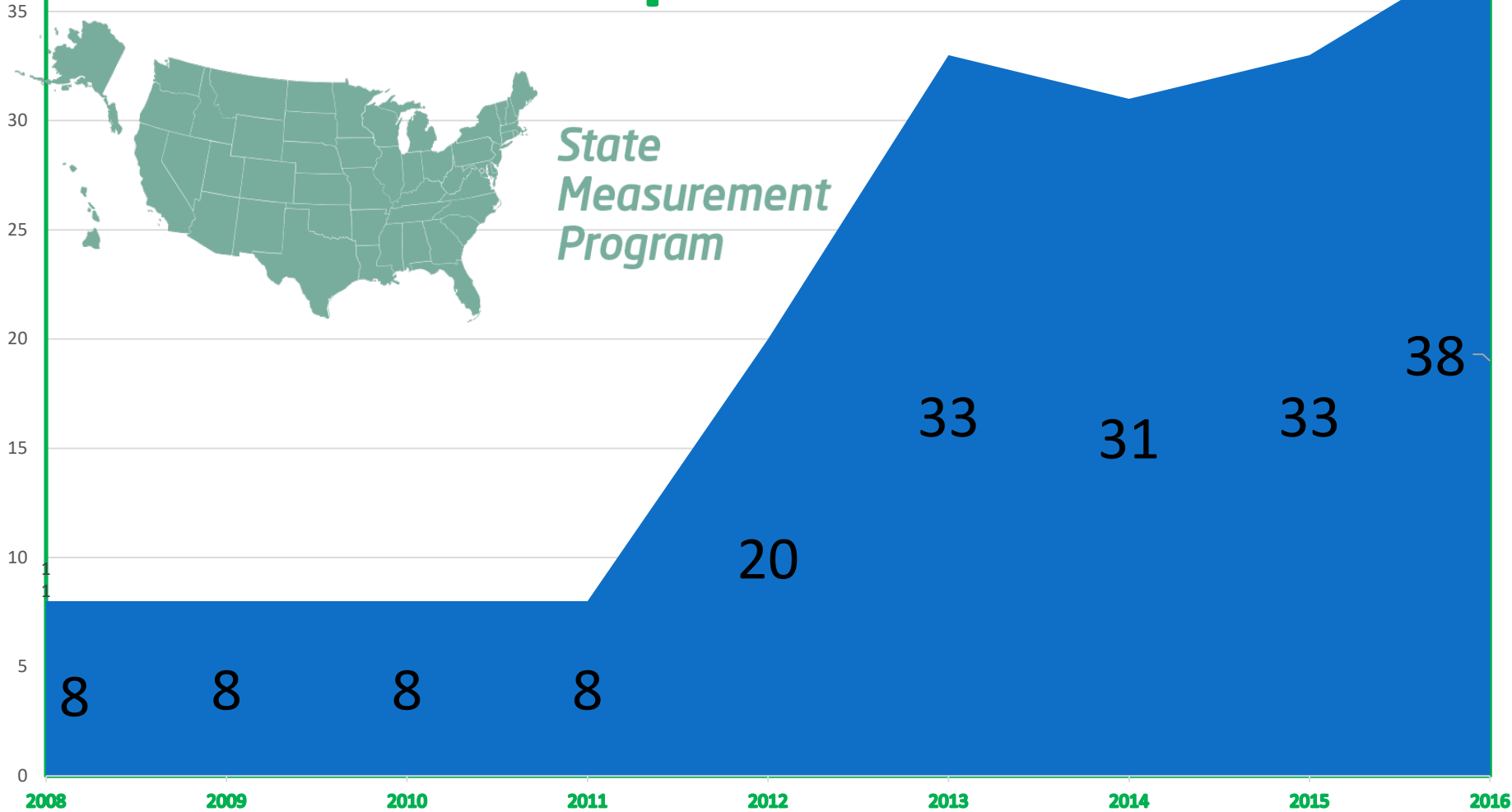


# History of SMP



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# SMP Participation 2008-2016



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# 2016 SMP Summary

Disposed	Recycled	Composted
236 million tons with million tons MSW	86 million tons	18 million tons
(36 states) 256 million people	(28 states+ DC) 227 million people	(26 states + DC) 168 million people

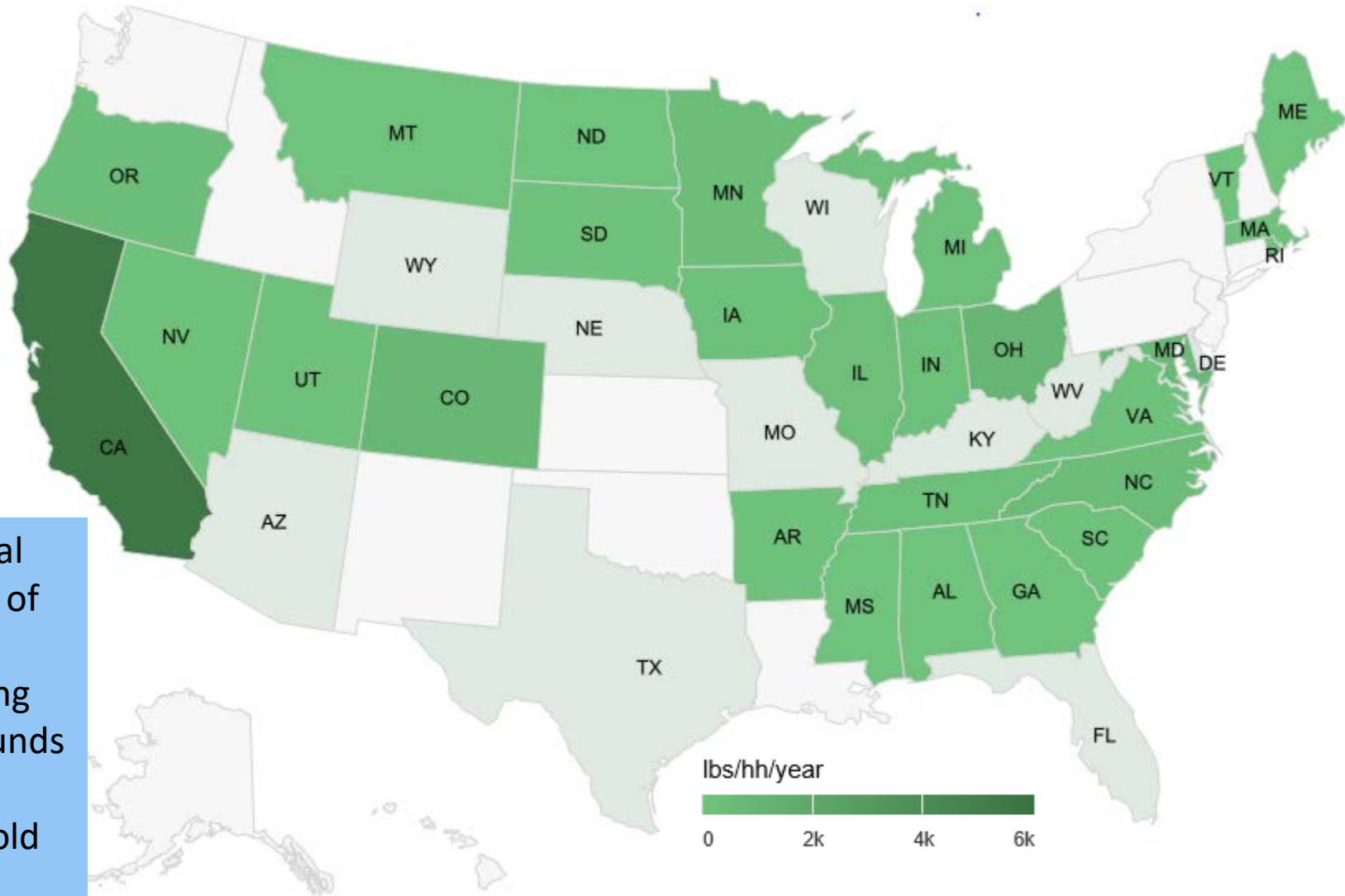


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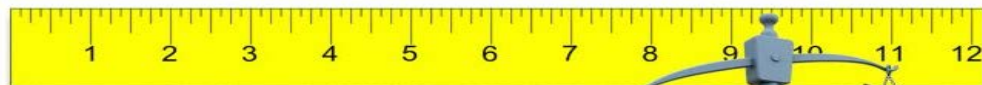


# SMP 2016 Recycled pounds per household per year



National  
average of  
those  
reporting  
2,192 pounds  
per  
household

# Measurement Matters



## Summit

Feb 27-March 1, 2018  
Chattanooga, TN



- **Focus Areas:** Improving the measurement of materials management at the local, state, & national levels.

- **Key Takeaways:**

Critical Areas for Improvement include:

- Consistent definitions and methodologies.
- Expand data to track materials flow
- Specific attention to collection & processing efficiencies
- Lifecycle/multi-environmental impact data and analysis
- New/expanded goals and metrics

Rethink

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# Measuring Recycling

## Recycling System Performance Measures

- Capacity (Collection, Processing, & Reutilization)
- Utilization of Capacity (Participation Rate & Capture Rate)
- Contamination (Collection & Final Bale)
- Processing Efficiency & Effectiveness (Yield, Loss, Residual)
- Economics (Market Value, Collection & Processing Costs)



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# Thank you!

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