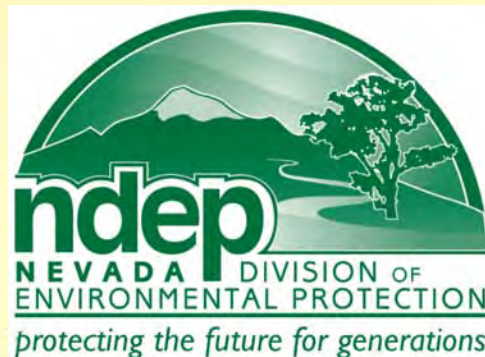


Recycling: State of the State

Presented by:

Nevada Division of Environmental Protection

Chester Sergent



Looking back to the past

- 1991 law, AB320 set a 25% recycling goal to be reached by 1995 for municipalities that adopt a recycling program
- In 2000, statutes encourage public agencies to have recycling services available in all municipalities that adopt recycling programs
- Tire fee funds the solid waste programs including recycling coordination



What is the current state?

- Nevada Revised Statute (NRS) 444A “Programs for Recycling” states:
 - Nevada’s recycling goal is 25%
 - DEP will adopt a Model Plan for recycling or disposal of solid waste (model plans and administrative code)
 - Counties with populations larger than 100,000 are responsible for providing:
 - curbside residential recycling services,
 - Recycling centers where needed,
 - Household Hazardous Waste collection, and
 - Encourage businesses to reduce and recycle

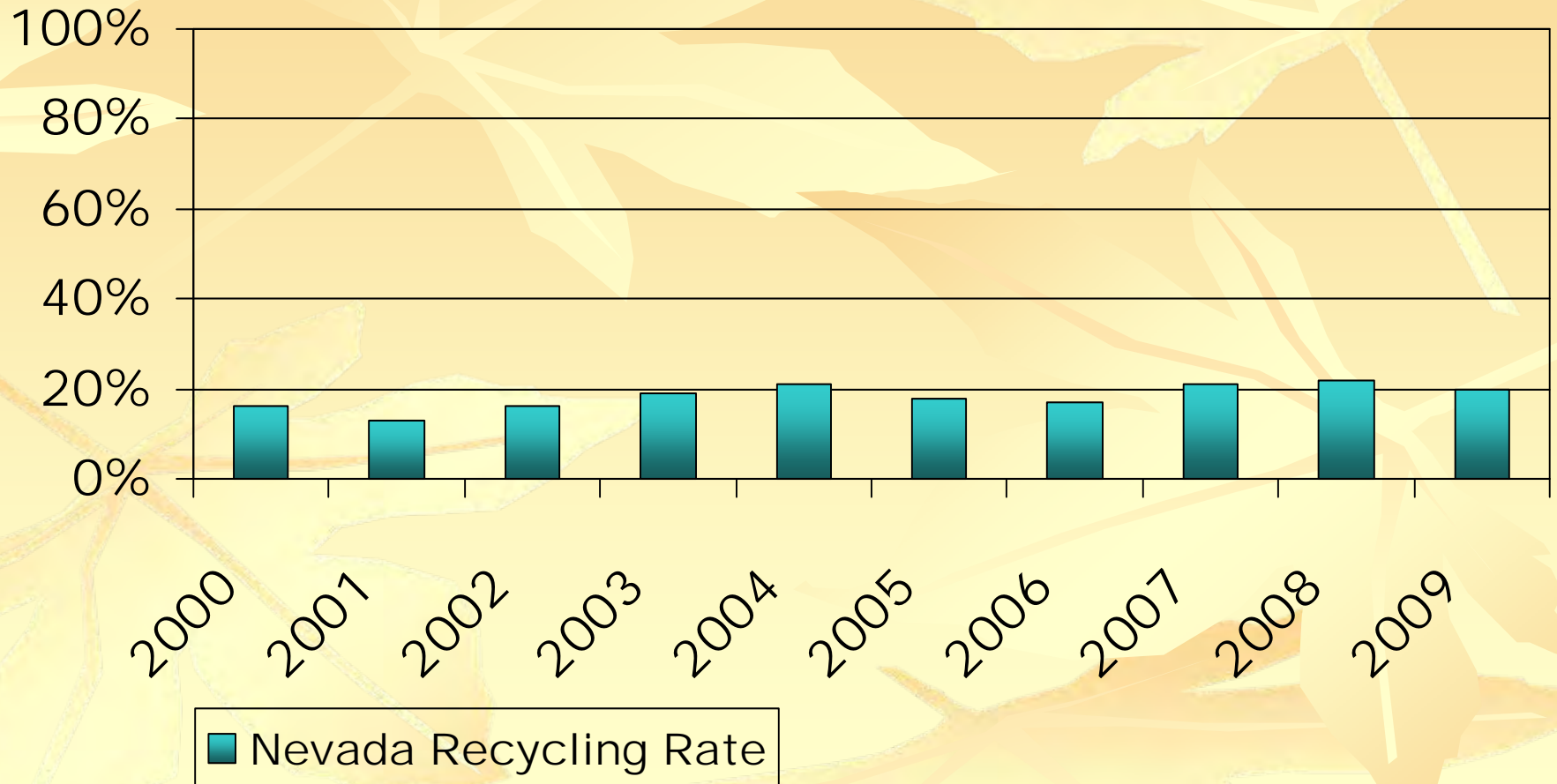
What is the current state?

- NRS 444A “Programs for Recycling” states:
 - Counties with populations between 40,000 and 100,000 are responsible for providing:
 - Recycling centers, and
 - Household Hazardous Waste collection
 - Counties that adopt a program are required to report their recycling tonnage each year
 - Counties are not required by statute but may adopt and carry out recycling programs as deemed necessary

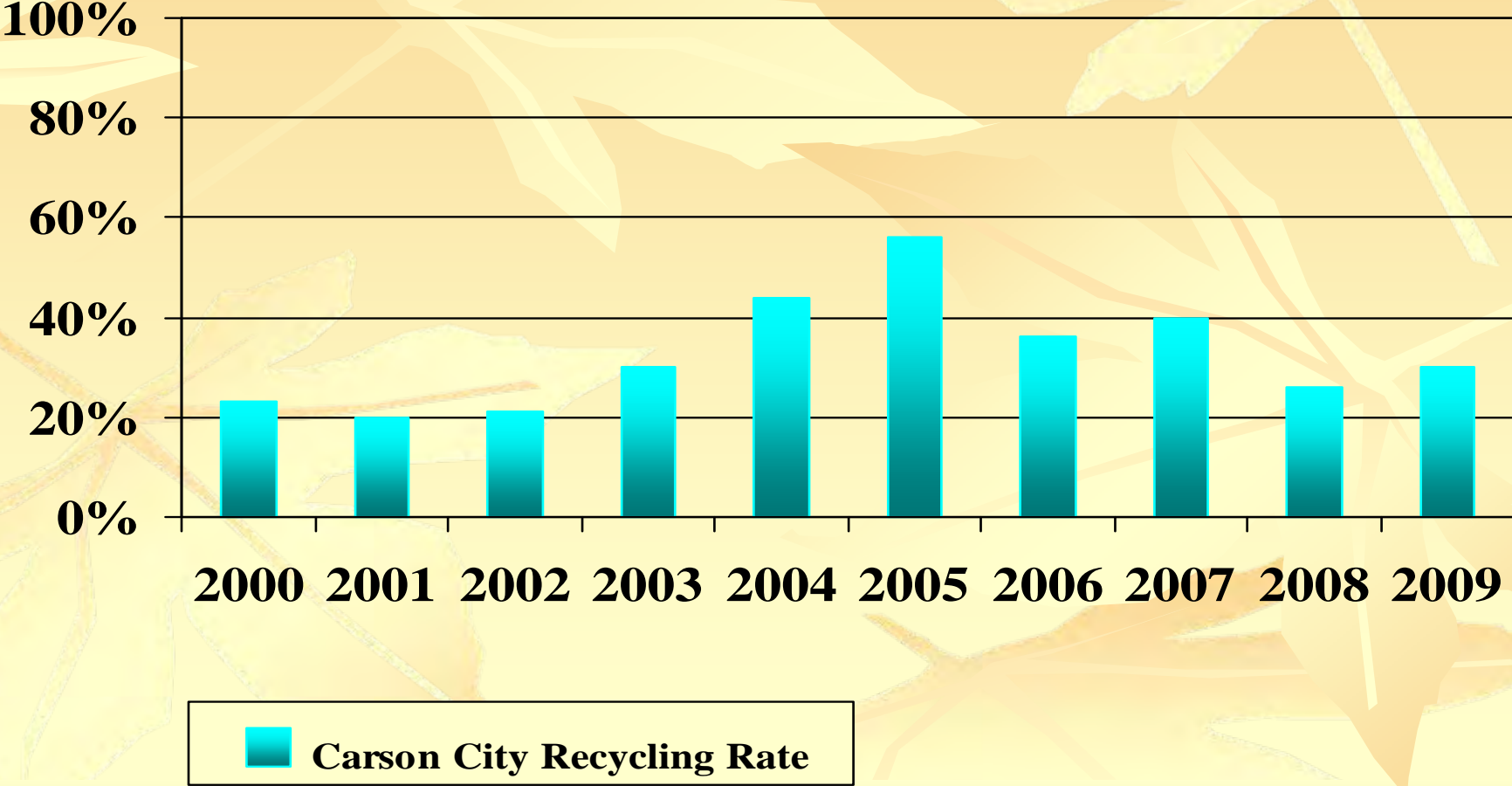
What is the current state?

- NRS 444A “Programs for Recycling” states:
 - The Division will provide a program of public education concerning the disposal of solid waste, recycling, reuse and waste reduction;
 - Reduction of waste and litter,
 - Technical assistance, and
 - Grants for projects concerning solid waste management systems and efficient use of resources – currently no funds.

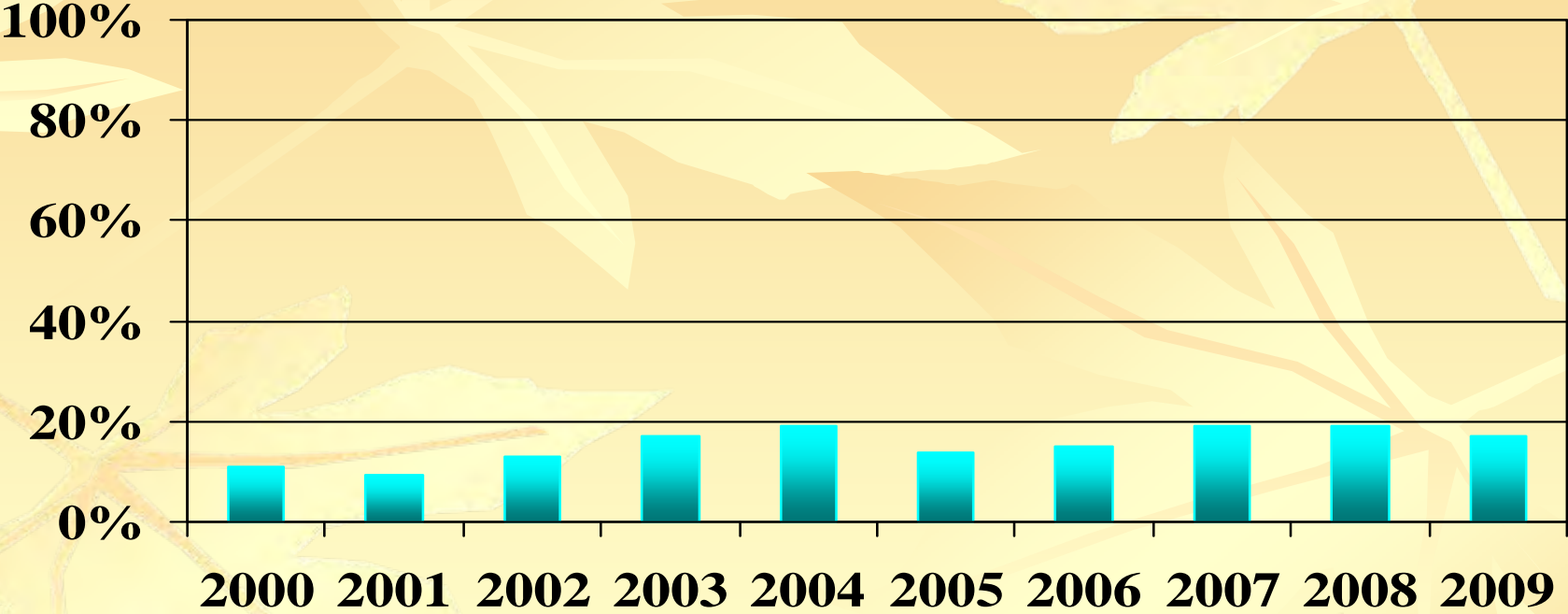
Nevada Recycling Rates: 2000-2009



Recycling Rates for Carson City: 2000-2009

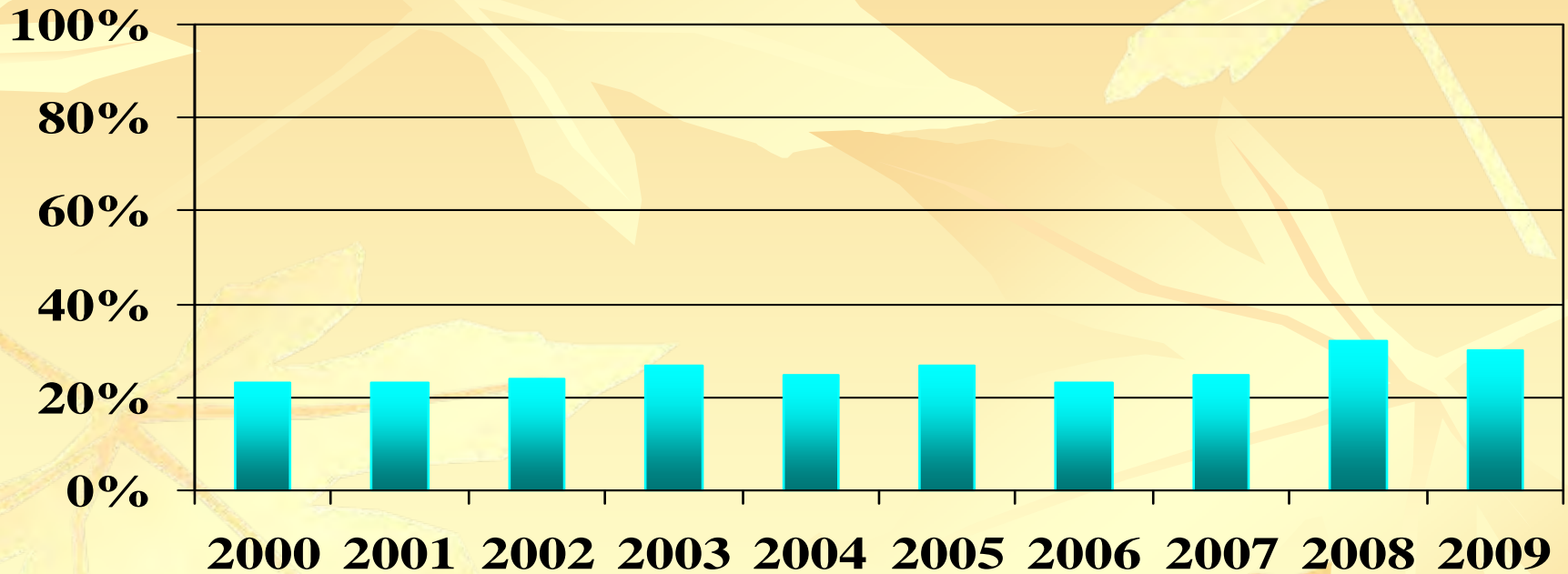



Recycling Rates for Clark County: 2000-2009



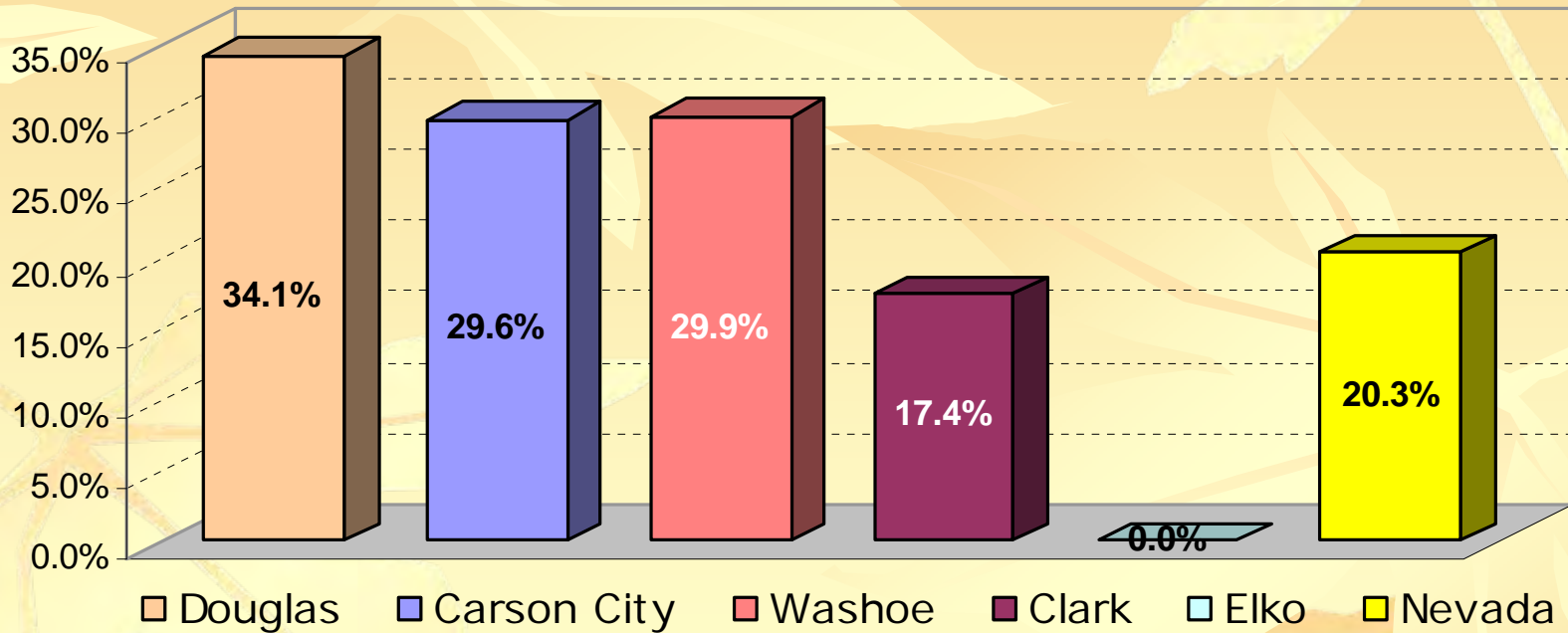
 Overall Clark County Recycling Rate

Recycling Rates for Washoe County: 2000-2009



 Washoe County Recycling Rate

2009 County Recycling Rates



2009 MSW Commodities Breakdown

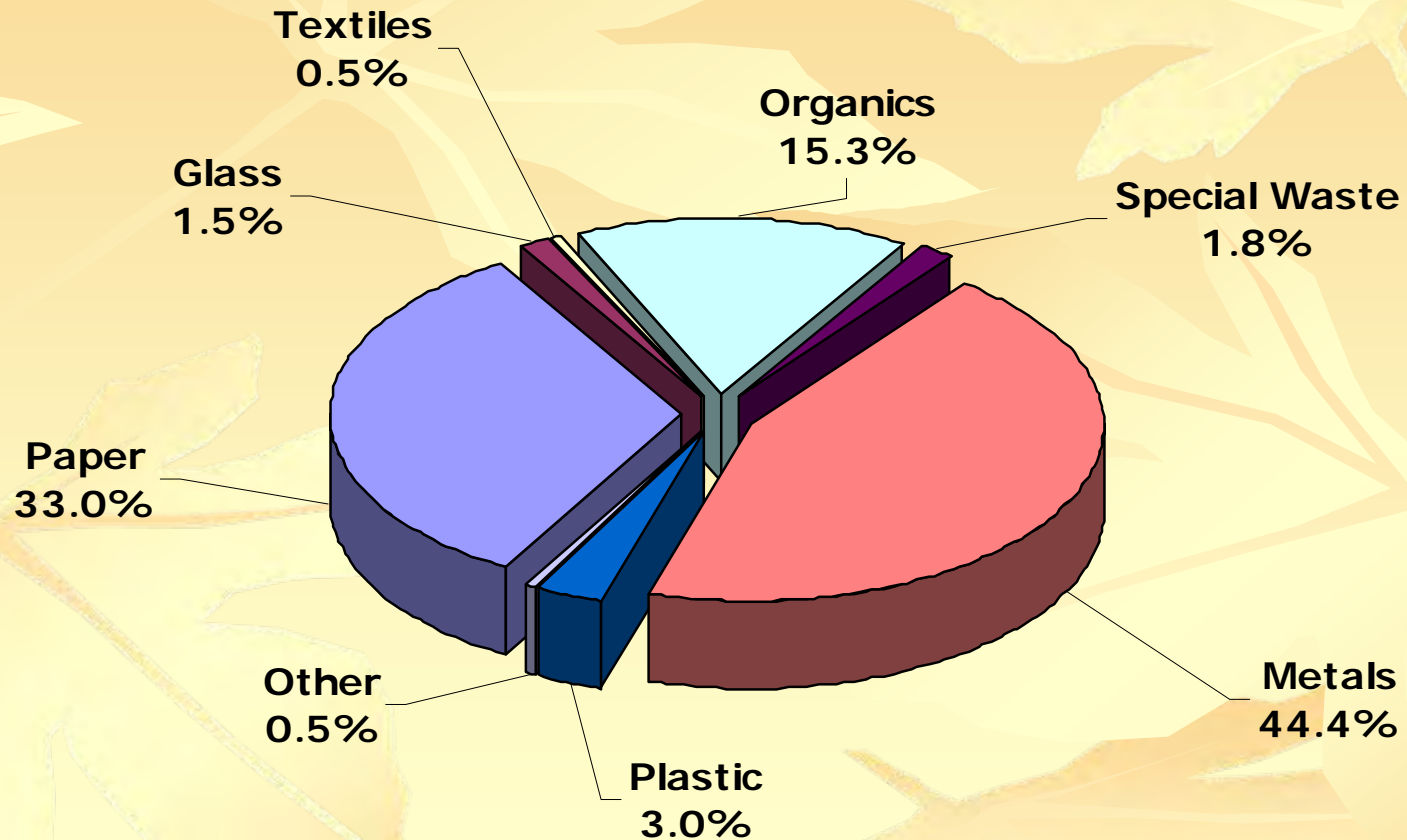


Chart represents each commodities % of the 694,116 tons of MSW recycled statewide in 2009

2009 MSW Commodities Breakdown

Commodity Type	Annual Tonnage
Paper	228,895.16
Metals	308,610.26
Plastic	20,929.20
Glass	10,737.56
Organics	106,167.13
Special Waste	12,427.85
Textiles	3,177.32
Other	3,671.07
Total Tonnage	694,615.55

What is NDEP's role?

- Develop an educational program, provide local assistance and support for the public on waste reduction practices
- Encourage local recyclers to work together to increase recycling.



What are we doing?

- Presenting a statewide recycling curriculum to teachers and students
- Offering CCSD PDE credit to teachers when they attend the NDEP Recycling Curriculum Workshop
- Presenting recycling programs to local businesses, hospitality industry, schools, non-profits

What are we doing?

- Participating in Earth Day/America Recycles day events
- Improving our new web site:
www.nevadarecycles.gov
- Offering a toll free recycling hotline –
(~300 calls each month)



What is everyone else doing?

- Dozens of hotels across the state are recycling food scraps, cardboard, aluminum cans, and paper
- Over 75 public and private organizations around Nevada have committed to building green and are acquiring Leadership in Energy and Environmental Design (LEED) building accreditation from the US Green Building Council

What is everyone else doing?

- Washoe and Clark County have conducted single-stream recycling pilot projects.
- Pilot projects confirm that participation and collected volumes increased significantly.
- Both the City of Reno and Henderson are in the initial stages of implementing single-stream recycling programs.

What is everyone else doing?

- Douglas County and Incline Village have Blue Bag recycling programs available
- Recently across Nevada, several E-Waste initiatives (Computer Corps and Disabilities Resources) have begun an effort to collect computer equipment and reduce its potential impact in local landfills
- Carson City released an RFP for a waste to energy facility

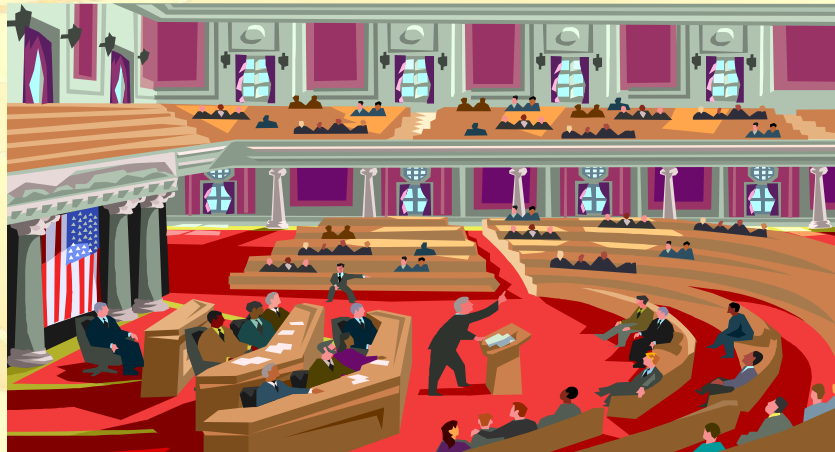
Recent Legislation

- **SB 137:** AN ACT relating to recycling; providing for the placement of recycling containers at certain apartment complexes, condominiums and Nevada System of Higher Education facilities.



Recent Legislation

- **AB 426:** Requires NDEP to conduct an E-Waste study statewide
- **SB 186:** Gives health districts permitting authority to approve the operation of waste tire management facilities



What is Our Vision for the Future?

- Reaching our recycling goal of 25% and surpassing it
- Becoming an exemplary model of a voluntary recycling program



What is Our Vision for the Future?

- Developing a local, thriving, closed loop recycling market with end users from both public and private sectors
- A successful recycling curriculum distributed to all school districts in the state



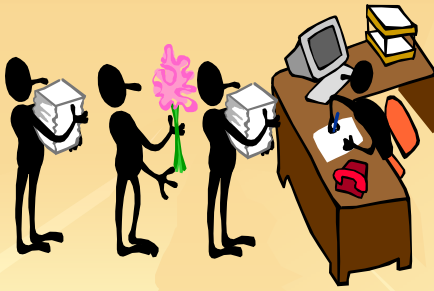
What Can We Do?

- *Reduce Consumption*
- *Reuse*
- *Compost*
- *Recycle (the last resort)*
- *Purchase recycled and reusable products*
- Contact elected officials and let them know that you want more opportunities to recycle.



What Can We Do at Home?

- If provided in your community, participate in curbside recycling programs.
- If no curbside service you can take your recyclables to a recycling center or transfer station close to where you live.
- There is a 30 page recycling guide in the yellow pages with information on recycling and drop-off locations in Northern Nevada.



What can you do at work?

- Evaluate what your company is doing to reduce waste and improve recycling within the company's culture.
- Consider leveraging what you are already doing to reduce and recycle waste to create more business opportunities.
- Become involved in national initiatives to reduce waste.

Household Hazardous Waste (HHW)



Accepted Items:*

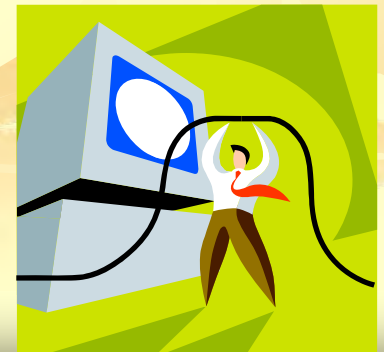
- Paint thinners, solvents, paint removers, gasoline, diesel fuel, lighter fluid, waste oil, batteries, televisions, computers, pesticides, fertilizers, drain and oven cleaners, adhesives, pool chemicals, aerosol cans, prescription and non-prescription drugs

* What is accepted will vary from one community to the next so call your local waste hauler or public works department

- Visit www.nevadarecycles.gov

How to Deal with E-Waste

- Some Northern Nevada options:
 - Reuse/Recycle
 - In the Reno area – New2U Computers, Goodwill
 - In Carson City – Computer Corp, Goodwill
 - Recycle
 - Retail Stores – Best Buy, Office Depot, Staples
 - Manufacturer takeback programs
 - Asset management companies – Redemtech, Sims, etc.
- Visit www.nevadarecycles.gov



Contact Information

Chester Sergent

Northern Nevada Recycling Coordinator

775-687-9466

csergent@ndep.nv.gov

Kathryn Fergus

Southern Nevada Recycling Coordinator

702-486-2850 ext. 251

kfergus@ndep.nv.gov