

*Towards*  
**ZERO WASTE**


# Zero Waste Online Survey

## 2006/07

Laura-Jayne Edgecombe  
Project Coordinator



Department of  
Environment and Conservation

*Our environment, our future* 

# *Towards* **ZEROWASTE**

## Introduction

All 143 WA Local Government council areas were invited to participate in the online 2006/07 Zero Waste survey.

- ▶ 100 % of Metro councils participated in the survey
- ▶ 88% of Non-metro councils participated in the survey

Overall 130 out of 143 (91%) WA councils participated in the survey.



# Towards ZEROWASTE

Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://www.zerowastewa.com.au/zerowasteplans/survey/>

GOOGLE

ZERO WASTE PLANS - ONLINE SURVEY

ZERO WASTE  
*live the vision*

Home Section 1 Section 2 Section 3 Section 4 Section 5 Help & Appendices Glossary

[SURVEY SNAPSHOT](#) [Change Details](#) [Upload Spread Sheet](#) [Export Survey Result](#)

### Login / Register

This is the entry point for all survey participants. If you have already registered, please login OR if you have not already registered, please fill in your details for a login password. You will only need to register once.

REGISTER	LOGIN
<b>Login*</b> <input type="text"/>	<b>Login</b> <input type="text"/>
<b>First name*</b> <input type="text"/>	<b>Password (do not exclude spaces)</b> <input type="password"/>
<b>Last name*</b> <input type="text"/>	<input type="button" value="Login"/>
<b>Position*</b> <input type="text"/>	
<b>Organisation*</b> <input type="text"/>	
<b>Email*</b> <input type="text"/>	
<b>Contact number*</b> <input type="text"/>	
* All fields are required	
<input type="button" value="Register"/>	

# Towards ZEROWASTE

## Survey Content: Section 1 - Demographics

- 1a: Residential
  - ❖ Current population and growth estimates
  - ❖ Age distribution
  - ❖ Number of households - current and projected
  - ❖ Population density, seasonal fluctuations in population
  - ❖ Economic growth rates
- 
- 1b: Town sites
  - ❖ GIS
  - ❖ Current population of town sites
- 1c: Commercial industry growth
  - ❖ Current and projected




*Towards*

# Survey Content: Section 2 –

- ## Waste Characteristics
- 2a: Recycling collection amounts by system
    - ❖ Domestic and commercial individual material types
    - ❖ Tonnes of collected material types separated into collection methods
  
  - 2b: Household hazardous waste
    - ❖ Tonnages collected
    - ❖ Number of collections per year
    - ❖ Annual cost p/a
    - ❖ Location of disposal
  
  - 2c: Collection/Disposal summary for domestic premises
    - ❖ Breakdown of tonnages both collected and to landfill for all service types
    - ❖ Frequency of services and container types used
  
  - 2d: Premises serviced
    - ❖ Services provided, tonnes collected, number of premises serviced and annual costs for:
      - ❖ - Hospitals, Commercial and Educational facilities.
  
  - 2e: Annual cost of domestic services



Department of  
Environment and Conservation

Our environment, our future 

*Towards*

# Survey Content: Section B –


- 3a: Landfill/Transfer Station/Drop Off sites within Local Government area

## Infrastructure

  - ❖ Details of facilities including name, class, GIS, staff, fees, who manages the facility etc.
  - ❖ Details regarding projected lifespan of facility and machinery, operational weighbridge, annual running costs, future plans etc.
  - ❖ Current tonnes processed and maximum capacity throughout.
- 3b: MRF within Local Government area
  - ❖ Details of facilities including name, class, GIS, staff, fees, who manages the facility etc.
  - ❖ Details regarding projected lifespan of facility and machinery, operational weighbridge, annual running costs, future plans etc.
  - ❖ Current tonnes processed and maximum capacity throughout..
- 3c: Resource Recovery operated and/or contracted within LG area
  - ❖ Details of facilities including name, class, GIS, staff, fees etc.
  - ❖ Details regarding projected lifespan of facility, if there is an operational weighbridge, annual running costs, future plans etc.
  - ❖ Current tonnes processed and maximum capacity throughout..



Department of  
Environment and Conservation

Our environment, our future 


*Towards*

# Survey Content: Section 4 –

- 4a: General **Waste Reduction**
  - ❖ What are the benefits for LG to move towards Zero Waste (defined ranking scale against preset answers)
  - ❖ What does the LG see as the barriers (comments box)
  - ❖ Does the LG have an office recycling program?
  - ❖ Does the LG have a sustainable purchasing policy?
- 4b: Education/Reduction programs
  - ❖ Does the LG have programs in place for promotion of recycling services and/or waste reduction.
  - ❖ If yes: - provide brief description of program
  - ❖ - cost to run the program p/a
  - ❖ - benefits the program provides
  - ❖ - barriers to the running of the program



Department of  
Environment and Conservation

Our environment, our future 

Towards


Survey Content:  
ZEROWASTE

## Section 5 – Priority wastes &

- 5a: Priority wastes of waste
  - ❖ Material Type
  - ❖ Nature of problem
  - ❖ Method of dealing with problem and associated annual costs
  - ❖ Tonnes to landfill
  - ❖ Tonnes recycled
- 5b: Illegal disposal of waste
  - ❖ Types of material for both illegal dumping and general litter
  - ❖ Location(s) littering and/or dumping occurs



Department of  
Environment and Conservation

Our environment, our future 

*Towards*

# ZERO WASTE

Results: Demographics

- The main source of demographic information was the Australian Bureau of Statistics Census 2006.

❖ WA Population =  
1,954,707



Department of  
Environment and Conservation

*Our environment, our future*



Towards

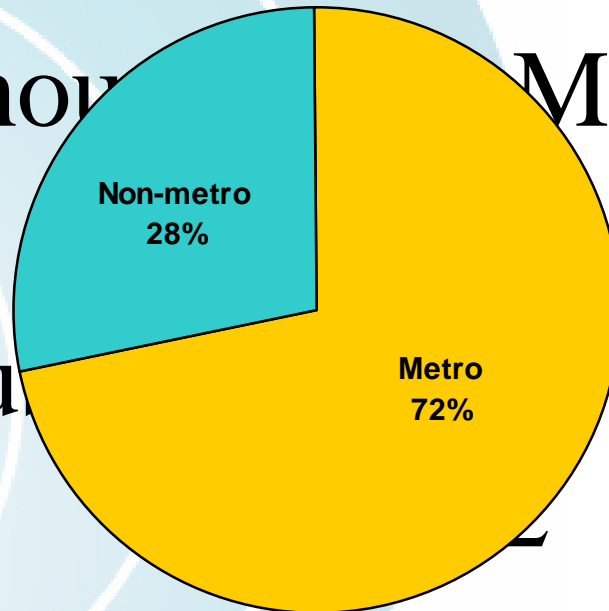
# ZERO WASTE

Results: Demographics


❖ Total Households WA =  
849,844

❖ Total households Metro area =

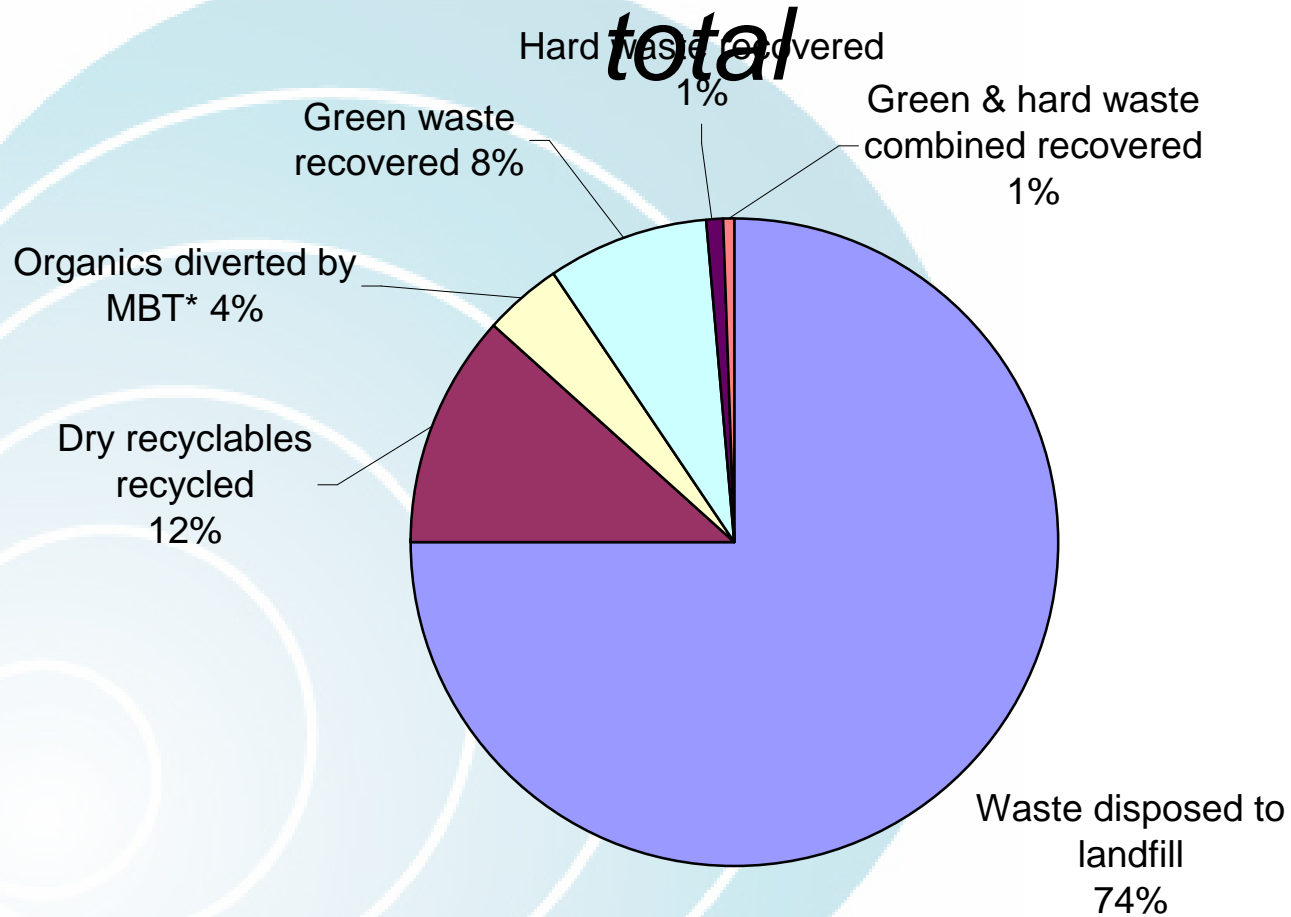
❖ Total households non-metro area =



Department of  
Environment and Conservation

Our environment, our future 

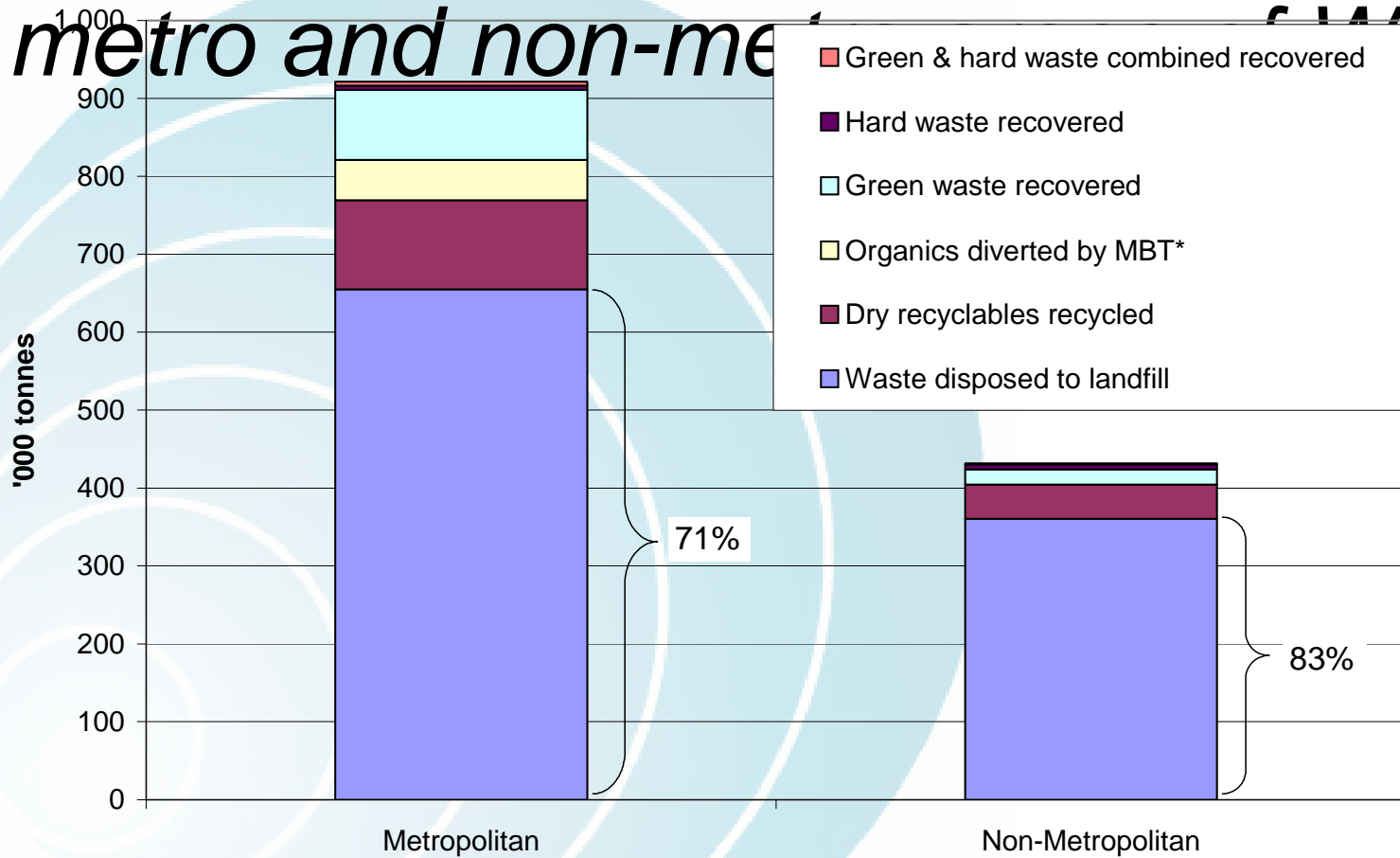
# Towards Results: Waste Characteristics Destination of municipal waste – WA



# Towards ZERO WASTE

## Results: Waste Characteristics

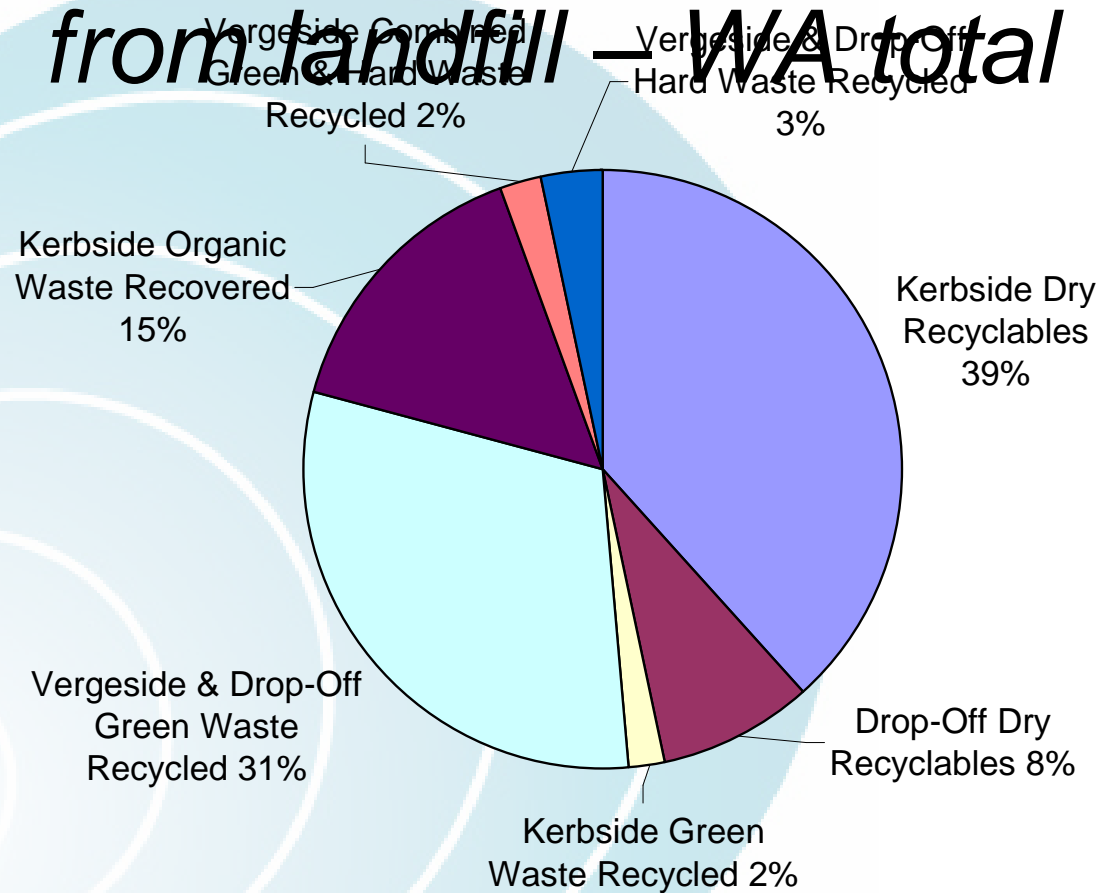
### Destination of municipal waste in metro and non-metro



# Towards ZEROWASTE

## Results: Waste Characteristics

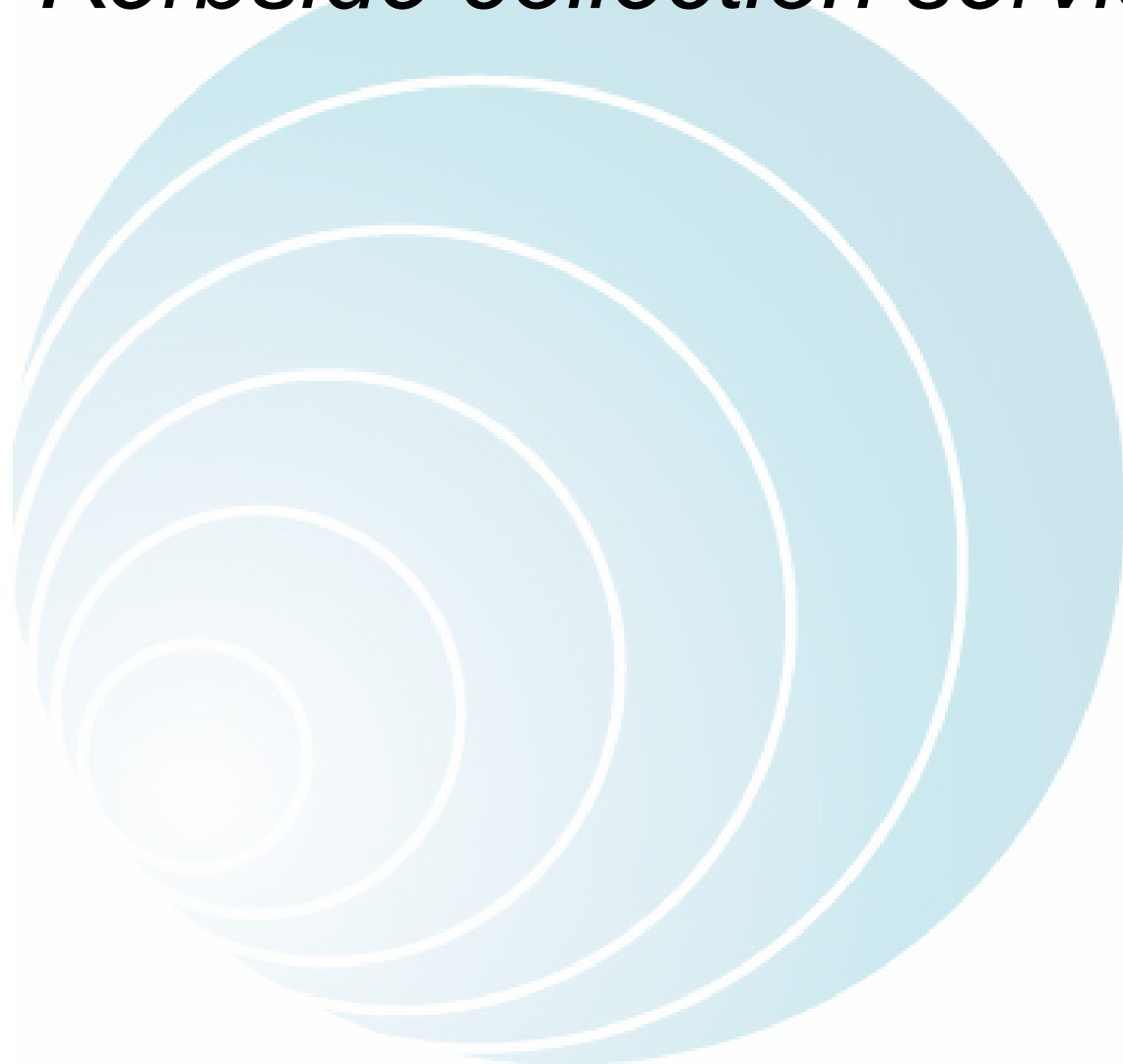
### Source of municipal waste diverted from landfill – WA total




*Towards*

# Results: Waste Characteristics

*Kerbside collection services - Waste*

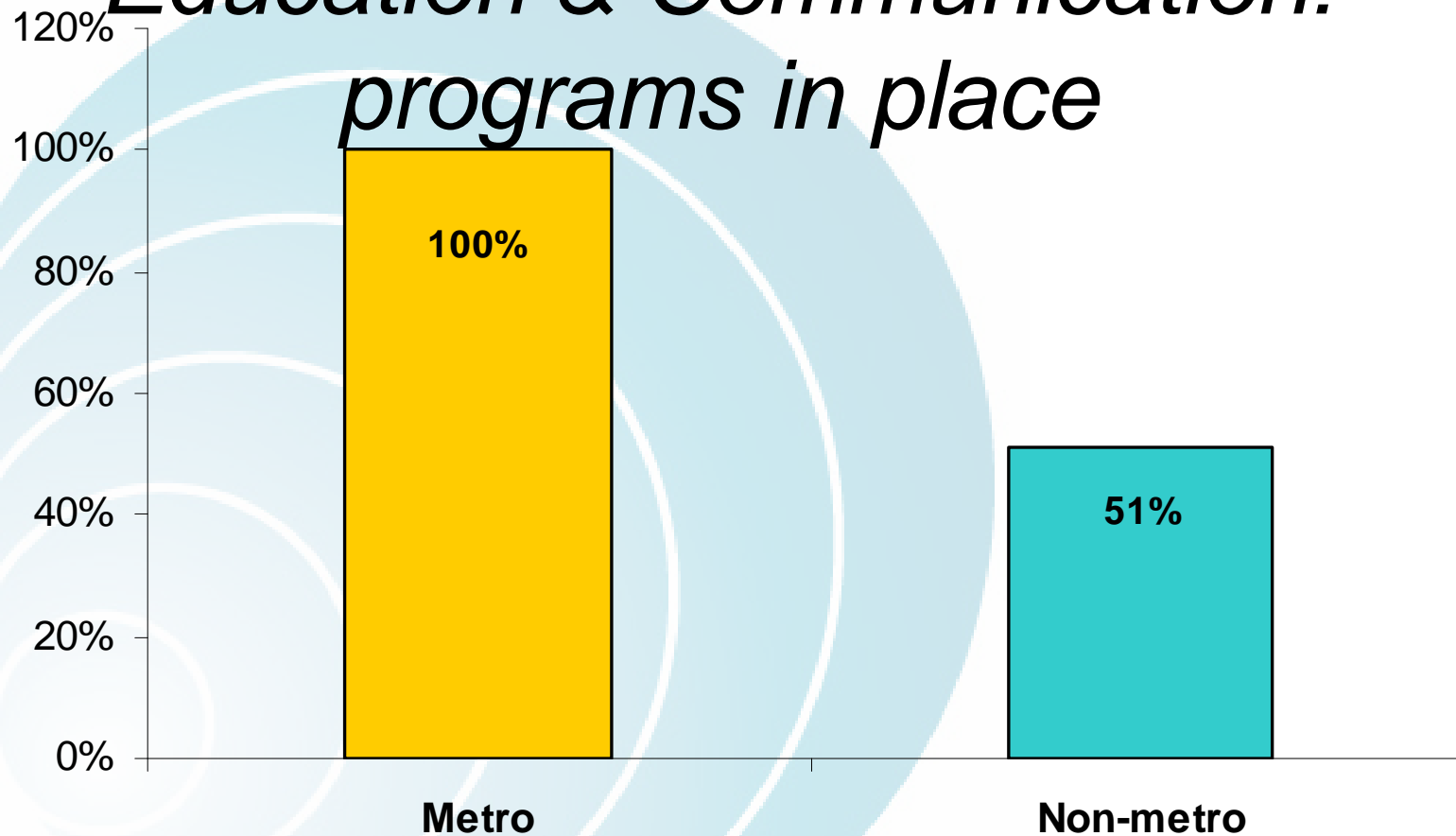


Department of  
Environment and Conservation


*Our environment, our future* 

# Towards Results: Waste & Recycling Services **ZERO WASTE**

*Education & Communication:  
programs in place*

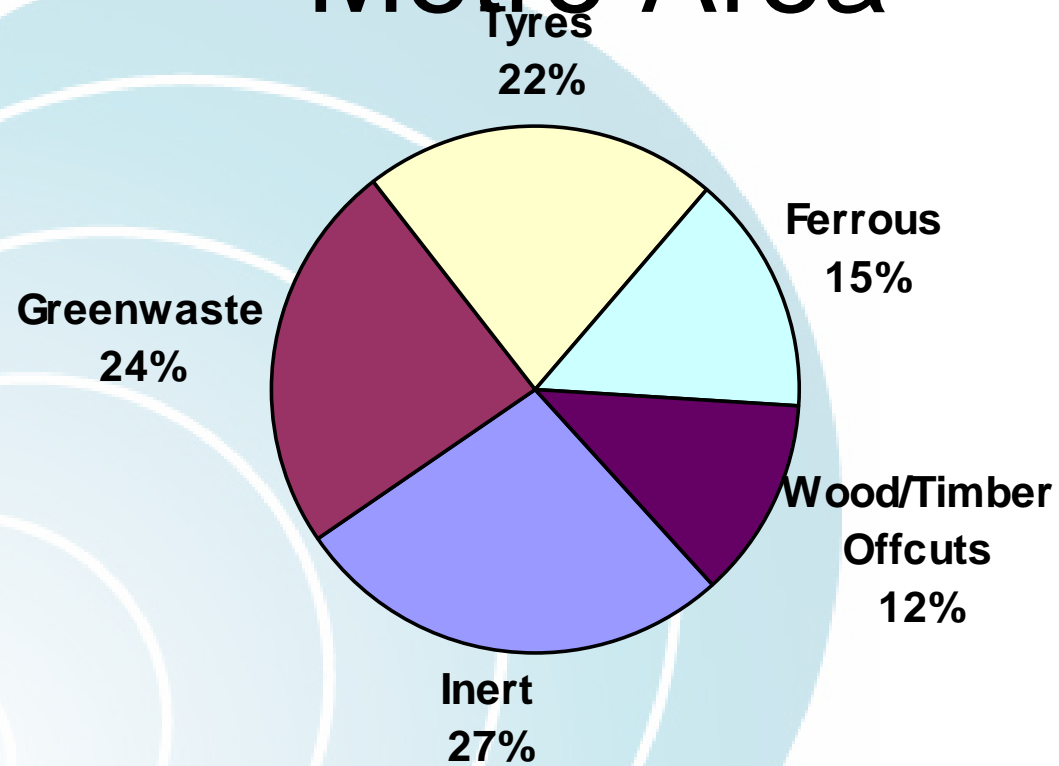


Department of  
Environment and Conservation


Our environment, our future 

*Towards*

# Results: **ZERO WASTE** – Metro Area

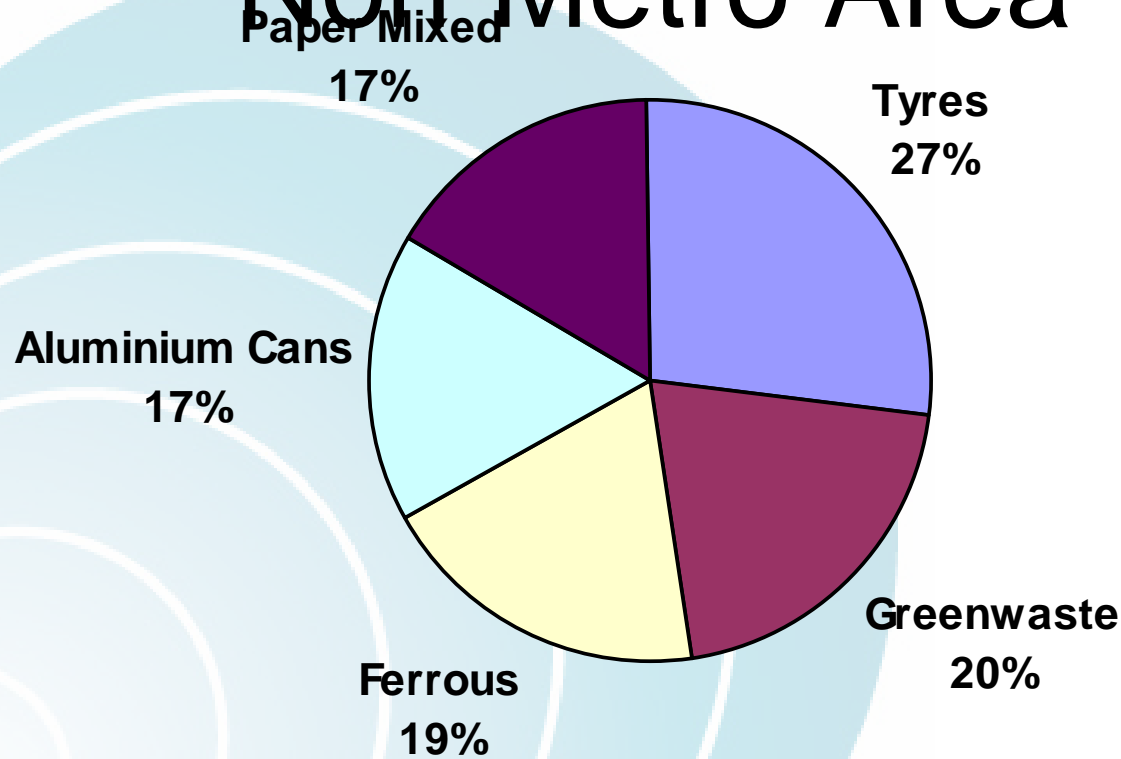


Department of  
Environment and Conservation


Our environment, our future 

*Towards*

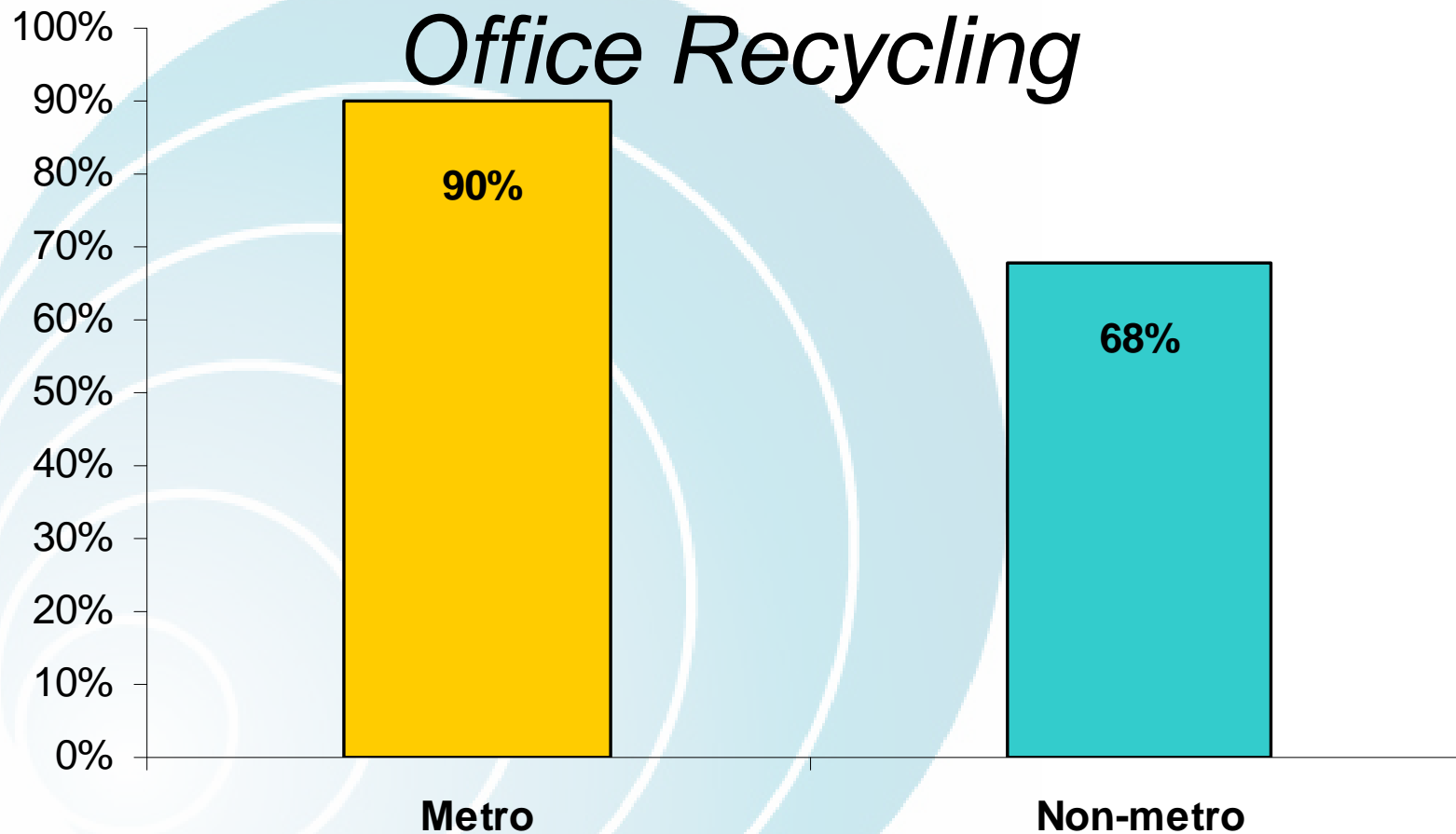
# Results: Illegal Waste Disposal – Non-Metro Area



Department of  
Environment and Conservation

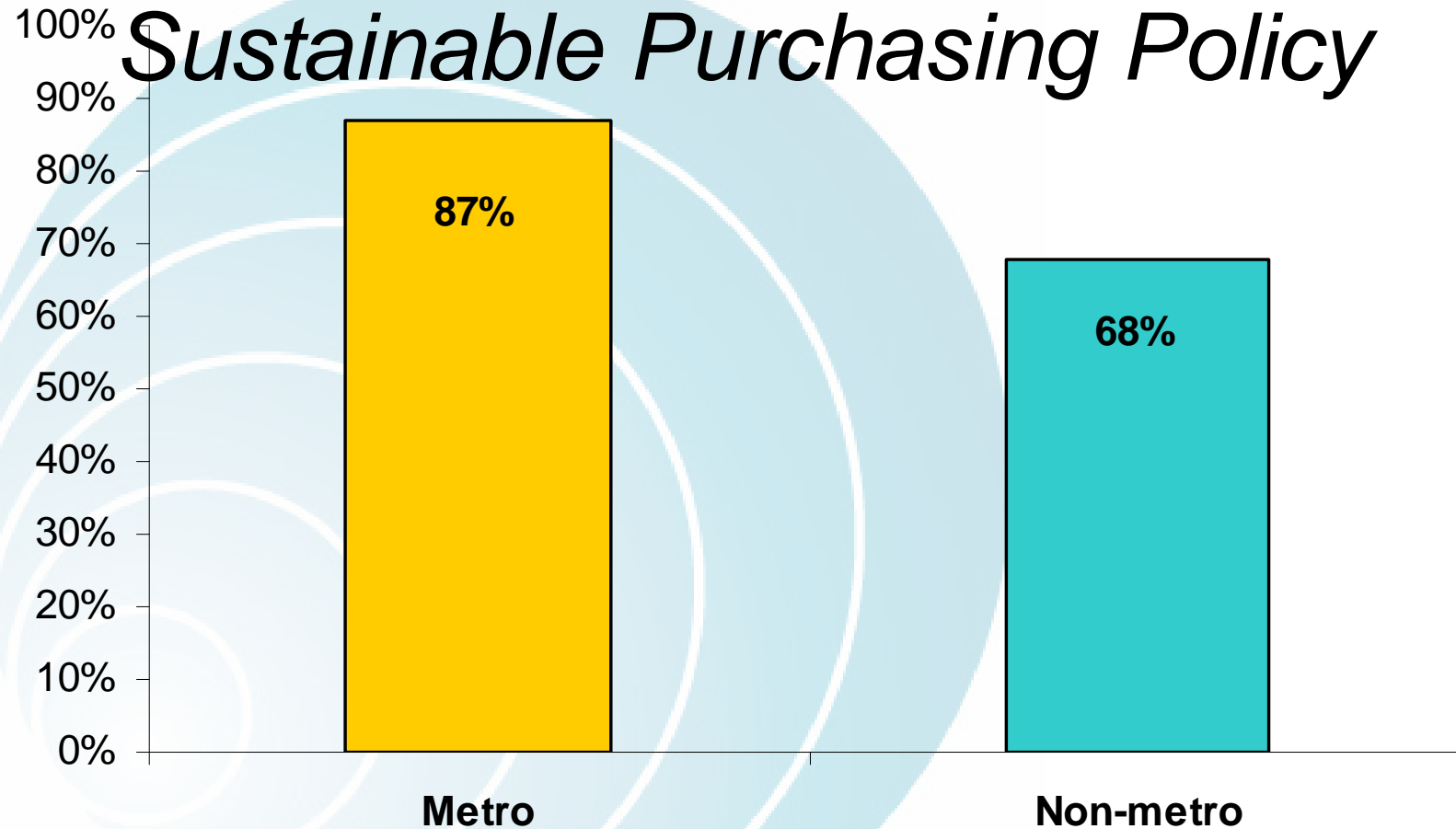
Our environment, our future 

*Towards*  
Results: Local Government  
**ZERO WASTE**  
Initiatives



Towards  
Results: Local Government  
**ZERO WASTE**  
Initiatives

*Sustainable Purchasing Policy*



*Towards*  
**ZEROWASTE**

• **QUESTIONS?**

• **COMMENTS?**



Department of  
Environment and Conservation

*Our environment, our future* 