



# League for Innovation Sustainability Symposium

## San Diego Community College District *Recycling & Environmental Sustainability*

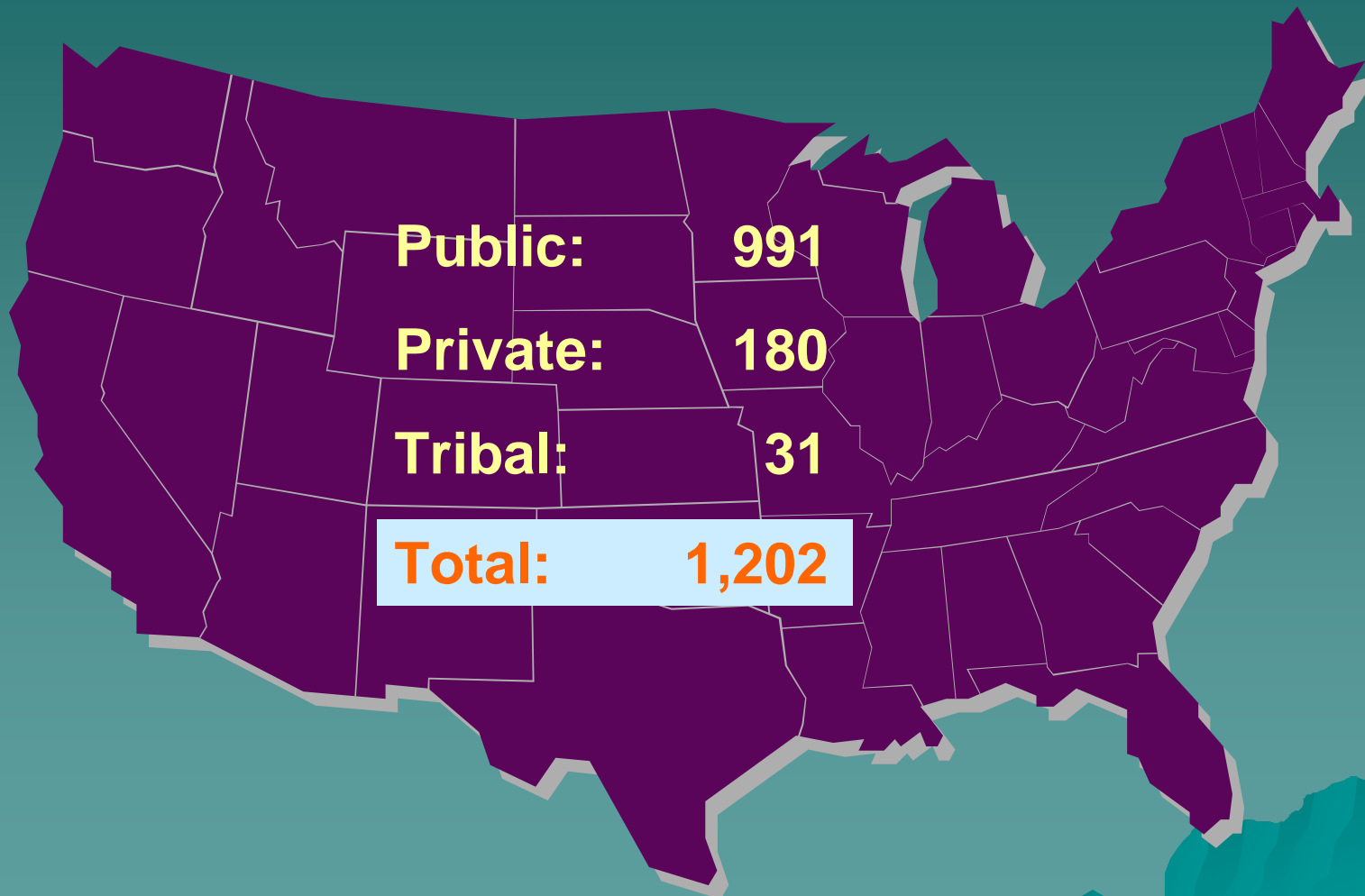
Richard Dittbenner, J.D.

Director, Public Information & Government Relations





# The American Community Colleges

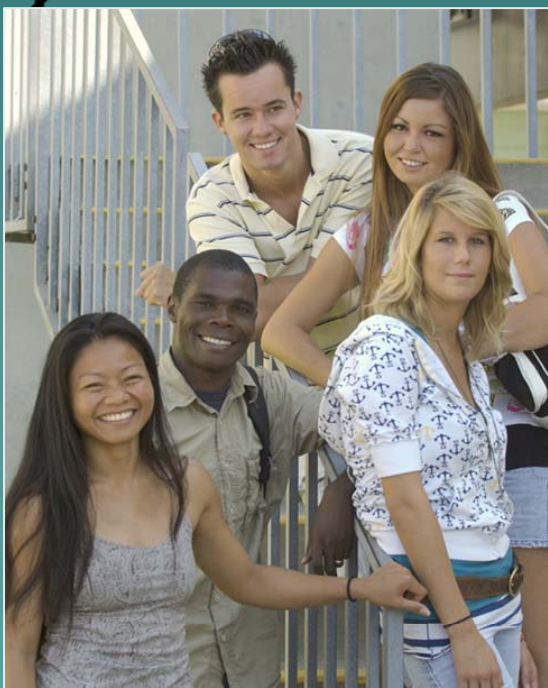




# The American Community Colleges Students

**11.6 Million Students:**

*6.6 million credit · 5 million non-credit*



- 46% of U.S. Undergraduates
- 45% of First-Time Freshmen
- 59% Women, 41% Men
- 60% Part-Time, 40% Full-Time
- Average Age – 29 years



# The California Context

## 1960 Master Plan for Higher Education

A map of California is shown, divided into four distinct colored regions. The northern region is purple, the central region is light purple, the southern region is dark purple, and the southeastern region is teal. Each region is associated with a text box containing the name of a higher education institution.

University of California

California State University

California Community Colleges

Independent Institutions



# Mission

## Instruction

- ✦ Basic skills to Honors
- ✦ Transfer Programs
- ✦ A.A. & A.S. Degrees
- ✦ Occupational/Vocational Certificates
- ✦ High School Diploma/G.E.D.
- ✦ English Language Acquisition & Citizenship Training
- ✦ Skills Upgrading/Enrichment
- ✦ Military Education

## Support Services

- ✦ Counseling, Tutoring, Financial Aid

## Co-Curricular

- ✦ Performance Groups, Athletic Teams, Etc.





# 50,000 Students Enroll in Credit Programs





# 50,000 Students Enroll in Continuing / Adult Education



## Educational Cultural Complex

- Centre City Campus
- Skills Center
- Cesar Chavez Campus



## Mid-City Campus

- West City Campus
- North City Campus

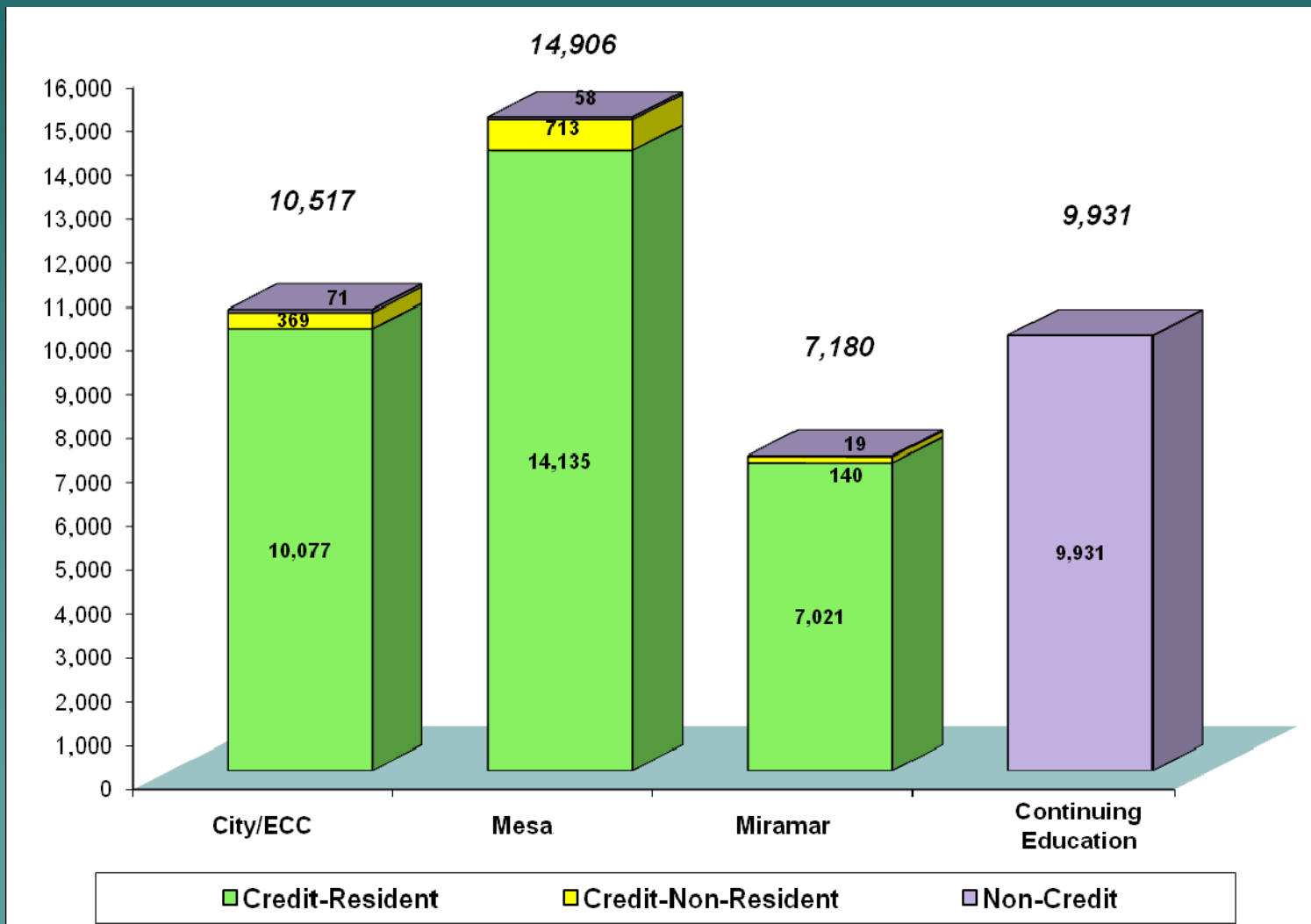


# 40,000-50,000 Service Personnel enroll at military base programs





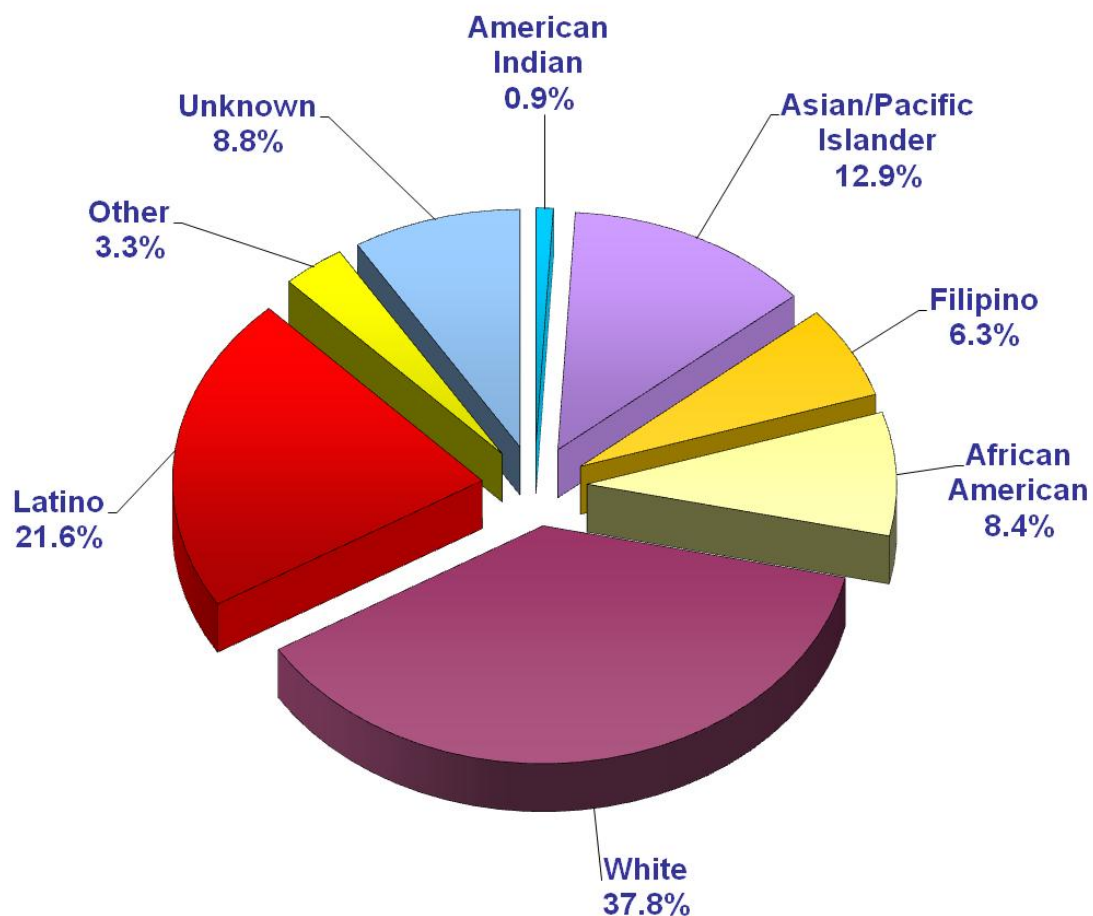
# District Total Enrollment/FTES By College & Continuing Education 2006-2007



Note 1: F-factor is not included. Note 2: Non-credit FTES includes resident and non-resident FTES.

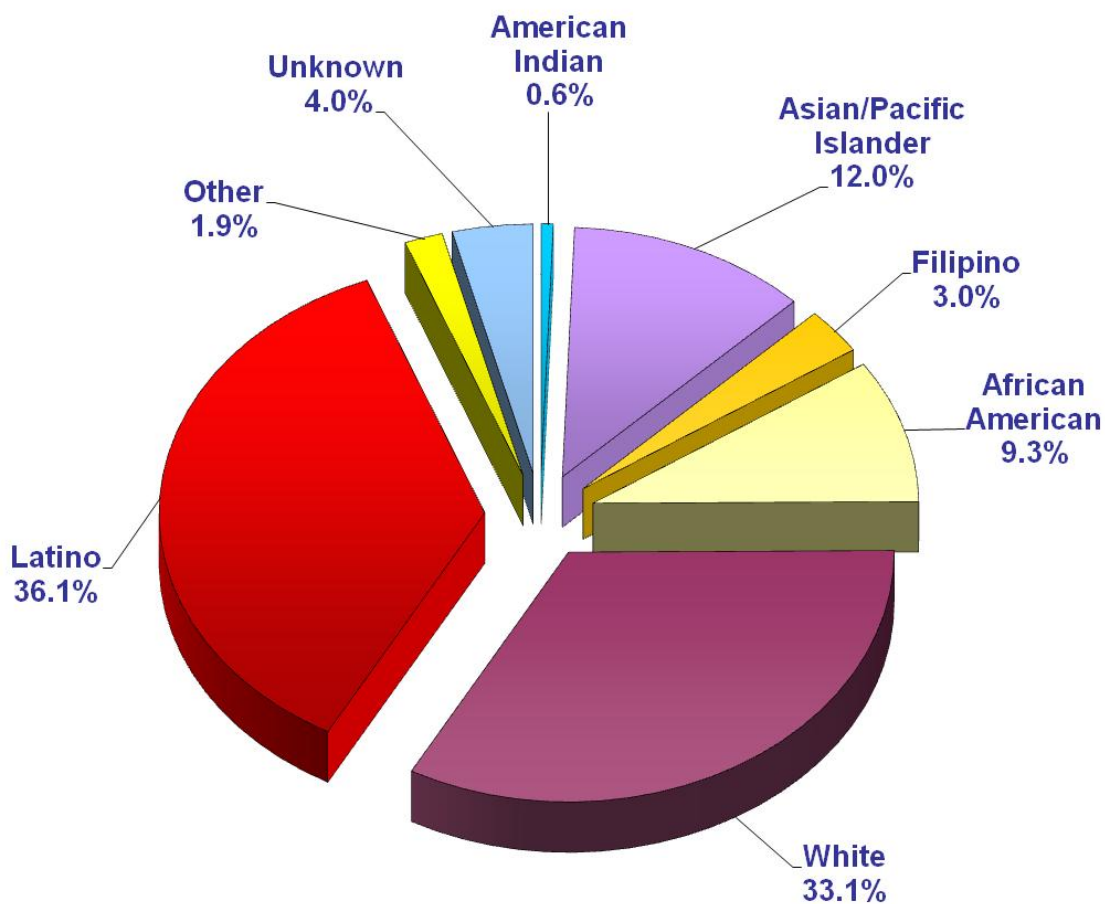


# Ethnicity of College Students 2006 – 2007





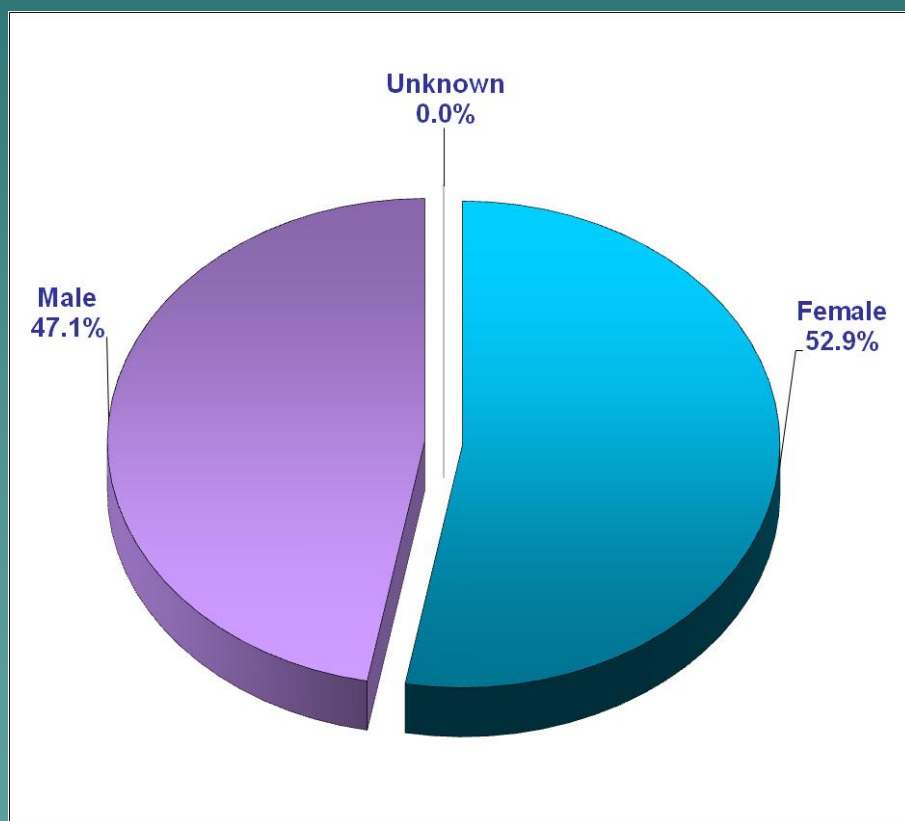
# Ethnicity of Continuing Education Students 2006 – 2007



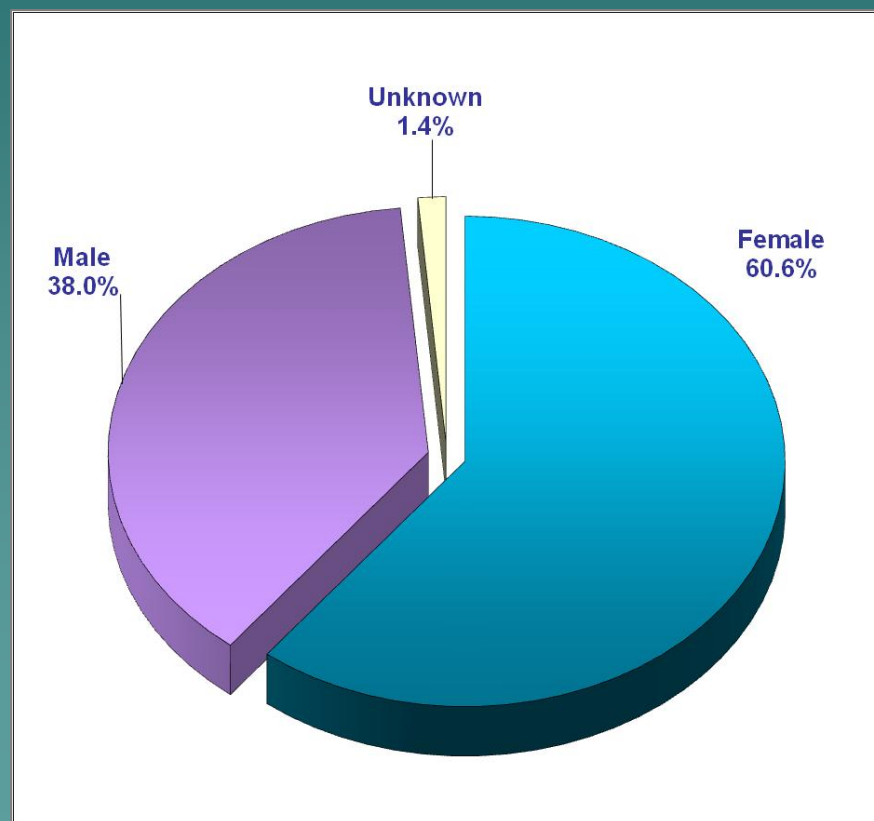


# Gender of College & Continuing Education Students 2006 - 2007

## College Students



## Continuing Education Students





# San Diego County's 20 Largest Employers

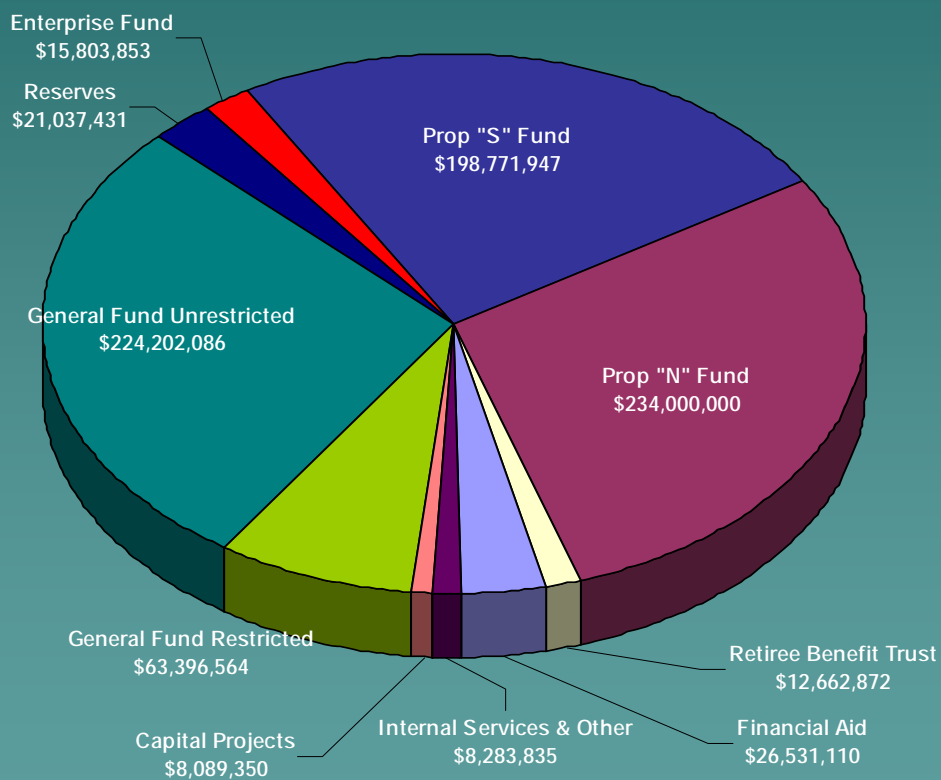
(San Diego Business Journal)

1. State of California
2. Federal Government
3. UC, San Diego
4. County of San Diego
5. SD Unified School District
6. Sharp Healthcare
7. Scripps Health
8. San Diego State University
9. City of San Diego
10. Qualcomm Inc.
11. Kaiser Permanente
12. U.S. Postal Service, San Diego District
- 13. San Diego Community College District**
14. Sempra Energy
15. General Dynamics NASSCO
16. Science Applications International Corp.
17. Northrop Grumman
18. Barona Valley Ranch Resort and Casino
19. Rady Children's Hospital, San Diego
20. University of San Diego



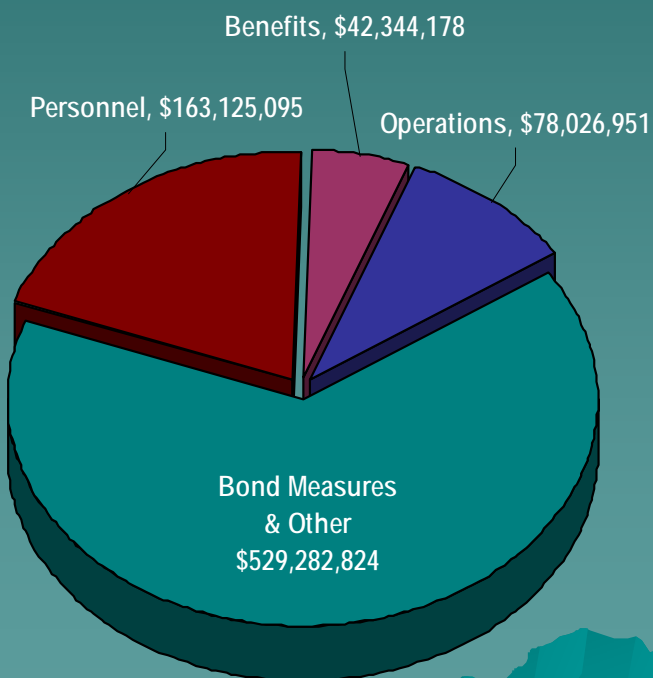
# Budget 2007-2008 (As of 8/15/07)

## Summary of Fund Allocation



**Total: \$812,779,048**

## Summary of Operational Allocation



**Total: \$812,779, 048**



# Bond Measures



◆ Proposition S (2002)

**\$685 Million**

◆ Proposition N (2006)

**\$870 Million**

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Total **\$1.555 Billion**



## Major Projects Underway in 2007-2008

### City College

- “L” Building Remodel
- Property Acquisition
- Campus Infrastructure Design
- Vocational Technology Center
- “P” Building Renovation

### Mesa College

- Temporary Parking/Ball Weather Track Field
- Entrance Road Realignment
- Allied Health Building
- Parking Structure/Police Substation
- Student Services Renovation Design

### Miramar College

- Hourglass Park Field House
- Technology Building
- Arts and Humanities Building

### Continuing Education

- Cesar Chavez Campus Design
- West City Point Loma Campus Facility
- E.C.C. Skills Center Facility
- Property Acquisition for Linda Vista/Clairemont Adult Education Building
- North City Campus Design

### District-wide

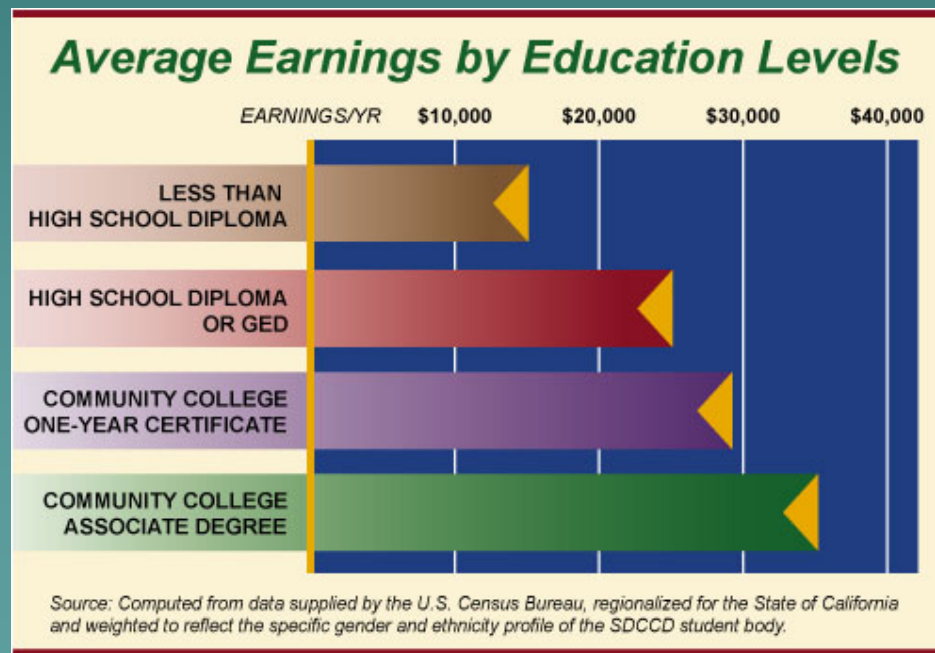
- Recycling & Sustainability Initiatives





## Economic Impact Upon Community & Region

- Every State Dollar = \$3.50 local return
- SDCCD - \$4.3 billion of all earnings in region
- SDCCD - of \$200 million payroll, \$179 million is spent (89%) locally.





# Recycling & Environmental Sustainability Program

- ◆ Academic Senates and Classified Senates vote to support resolutions for the implementation of a Recycling and Environmental Sustainability Program in the Spring of 2007.
- ◆ United Student Council votes to support the Senate resolutions.
- ◆ District Governance Council and Chancellor's Cabinet commit to the District's becoming a community leader in the education of students, staff, administrators and faculty regarding environmental issues.





# Waste Diversion

SDCCD has diverted significantly more of its waste stream than required by legislation.

- ◆ City College 70.6%
- ◆ Mesa College 57.8%
- ◆ Miramar College 61.2%
- ◆ Continuing Education 62.5%
- ◆ District Office/DSC 63.3%

*(Percentages are shown on a weight basis.)*





# Single Stream Recycling

- ◆ The District has entered into a contract with Waste Management USA to allow for single stream recycling so that all recyclable materials can be deposited in a single receptacle.
- ◆ Additional single stream disposal containers will be purchased each year until one has been placed adjacent to each waste receptacle in exterior common spaces.





# Environmental Sustainability

- ◆ **District Policy 7800** — Provides students, faculty and staff with working and learning environments that are healthy; thermally, visually, and acoustically comfortable; energy-efficient; water-efficient; easy to maintain and operate; safe and secure; and sited in an environmentally responsible manner.
- ◆ **District Procedure 7800.1** — Establishes performance goals related to LEED (Leadership in Energy and Environmental Design) certification and in diverting 75 percent of all construction and demolition debris for all new buildings.





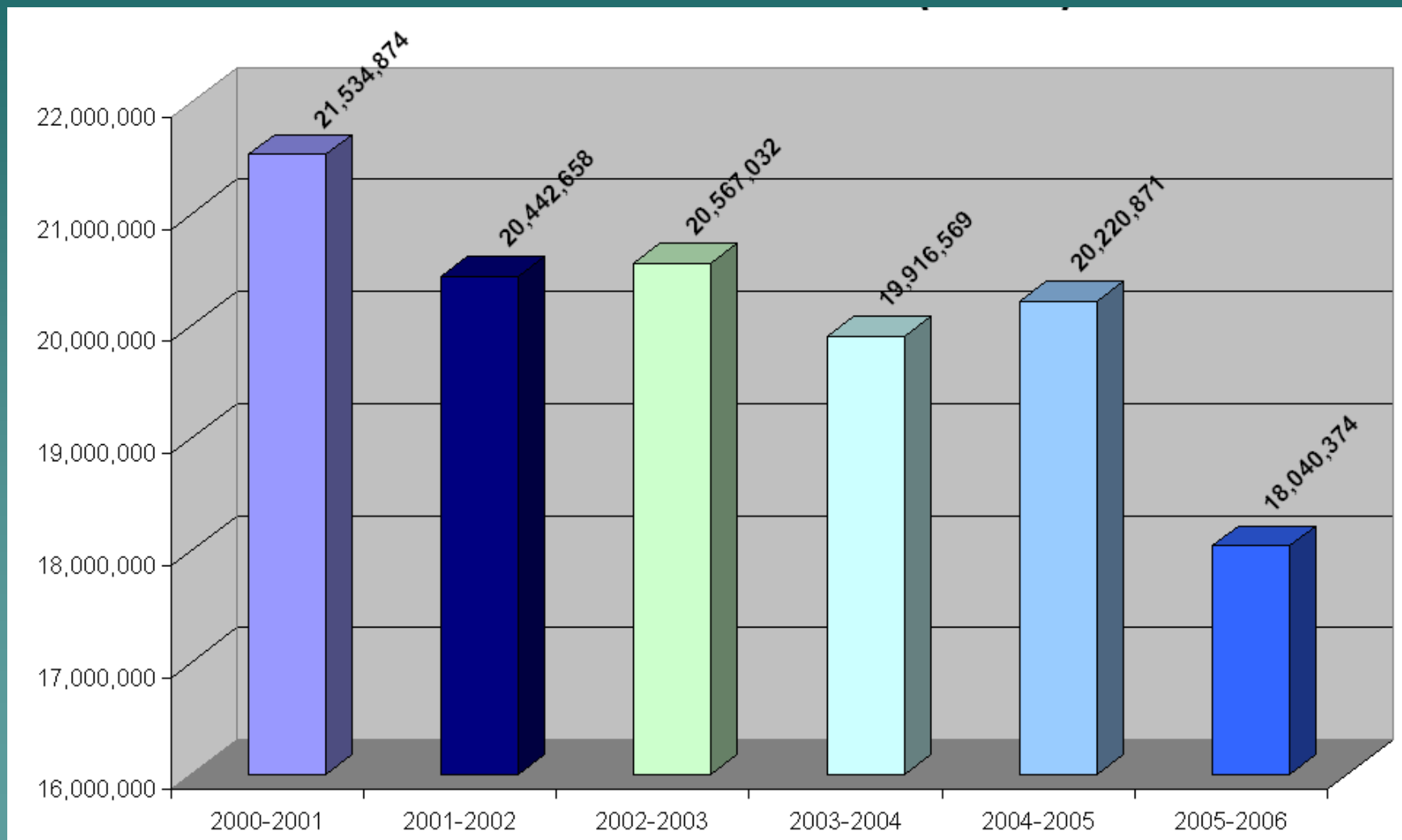
## Electric Usage

- ◆ Despite adding 283,574 square feet of building space, the District's use of electricity has remained constant or decreased.
- ◆ Significant decline in 2005-2006 is due to adding a micro turbine at Mesa College and a generator at Miramar College.
- ◆ SDCCD is currently pursuing a program with SDG&E to install lighting controls in all new buildings to allow for a 50 percent reduction in lighting electrical consumption.





# Electric Usage





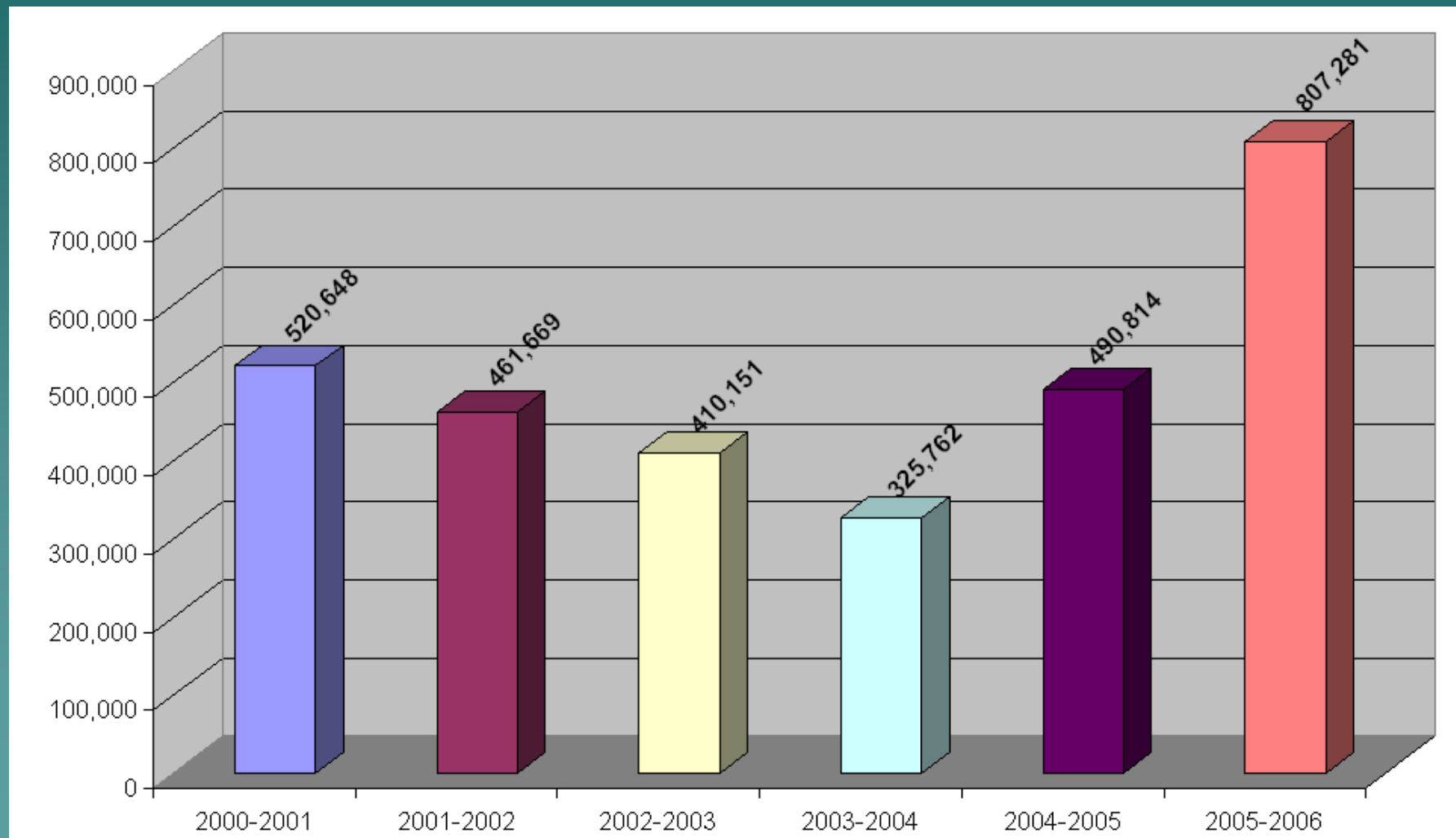
# Natural Gas Usage

- ◆ Natural gas usage decreased steadily until 2004-2005 when an increase occurred as a result of the generator installation at Miramar College.
- ◆ The increase in gas usage is offset by the decrease in electrical consumption, saving the District \$200,000 annually.





# Natural Gas Usage (Therms)





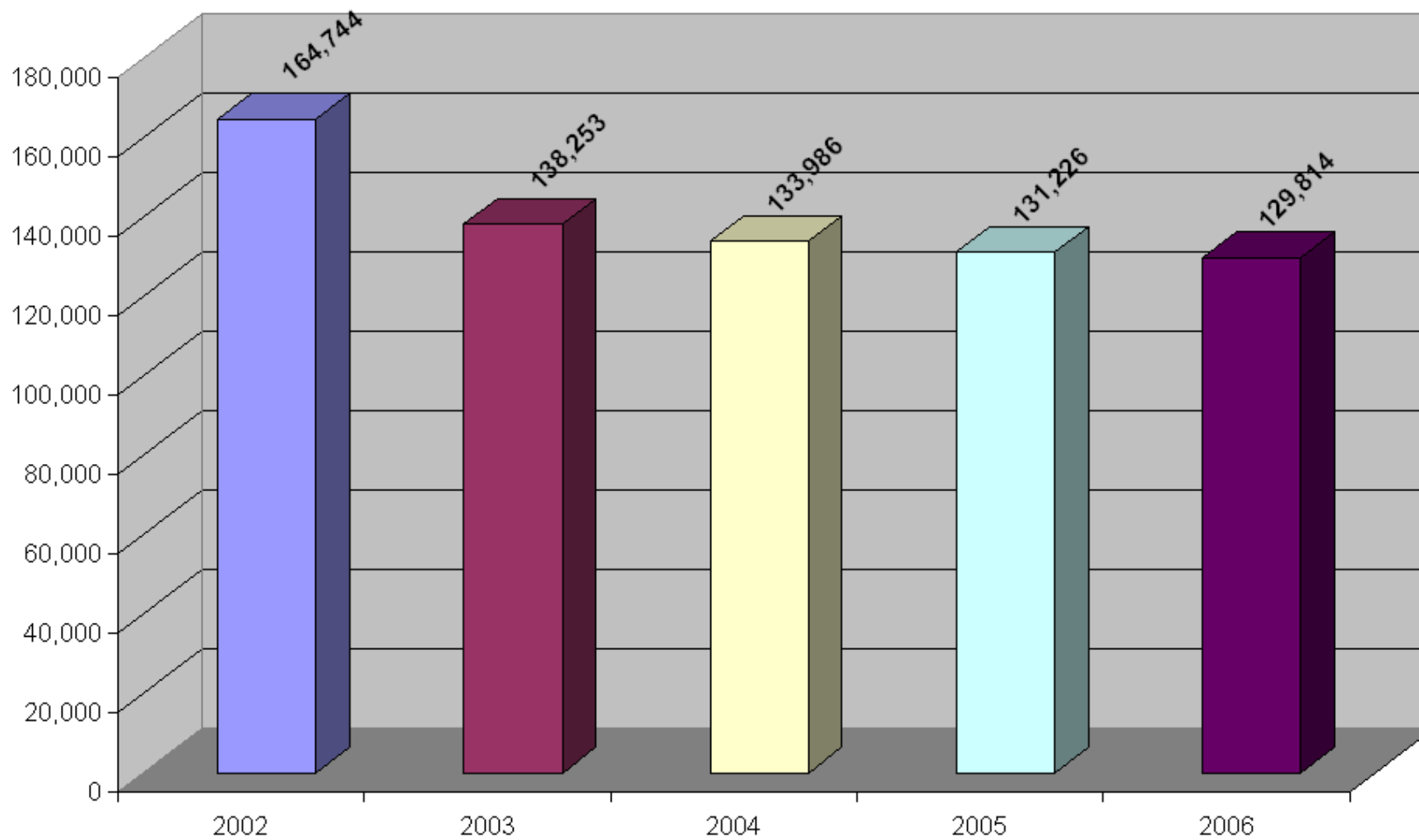
## Water Usage

- ◆ Water usage has declined every year despite adding 283,574 square feet of building space and 137,153 square feet of landscape space.
- ◆ District has installed 59 waterless urinals and 100 low flow faucets.
- ◆ District is pursuing a 50 percent reduction in water used for irrigation by installing Cal Sense Irrigation Systems at City, Mesa, Miramar, and ECC as a result of grants from the San Diego County Water Authority and the Metropolitan Water District of Southern California.





# Water Usage (HCF)





# Implementation Plan

- ◆ Conduct collaborative meetings with interested stakeholders to review and propose modifications to existing District policies and procedures relating to recycling and environmental sustainability.
- ◆ Establish an oversight structure with governance bodies to monitor and review progress. Provide periodic reports to administrative and governance leaders as well as Board of Trustees.
- ◆ With engagement of all stakeholders, work with college and continuing education leadership to develop an educational awareness program for students, staff and faculty.





# Implementation Plan

- ◆ Continue to pursue LEED certification for all Proposition S and Proposition N projects.
- ◆ Continue to expand the energy management system through upgrades of current systems and through inclusion on all Proposition S and Proposition N projects.
- ◆ Present annual progress reports to the Board of Trustees with respect to recycling and environmental sustainability efforts.

