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# MEEA

Sheree Dallas Branch  
Division Administrator  
Wisconsin Division of Energy Services

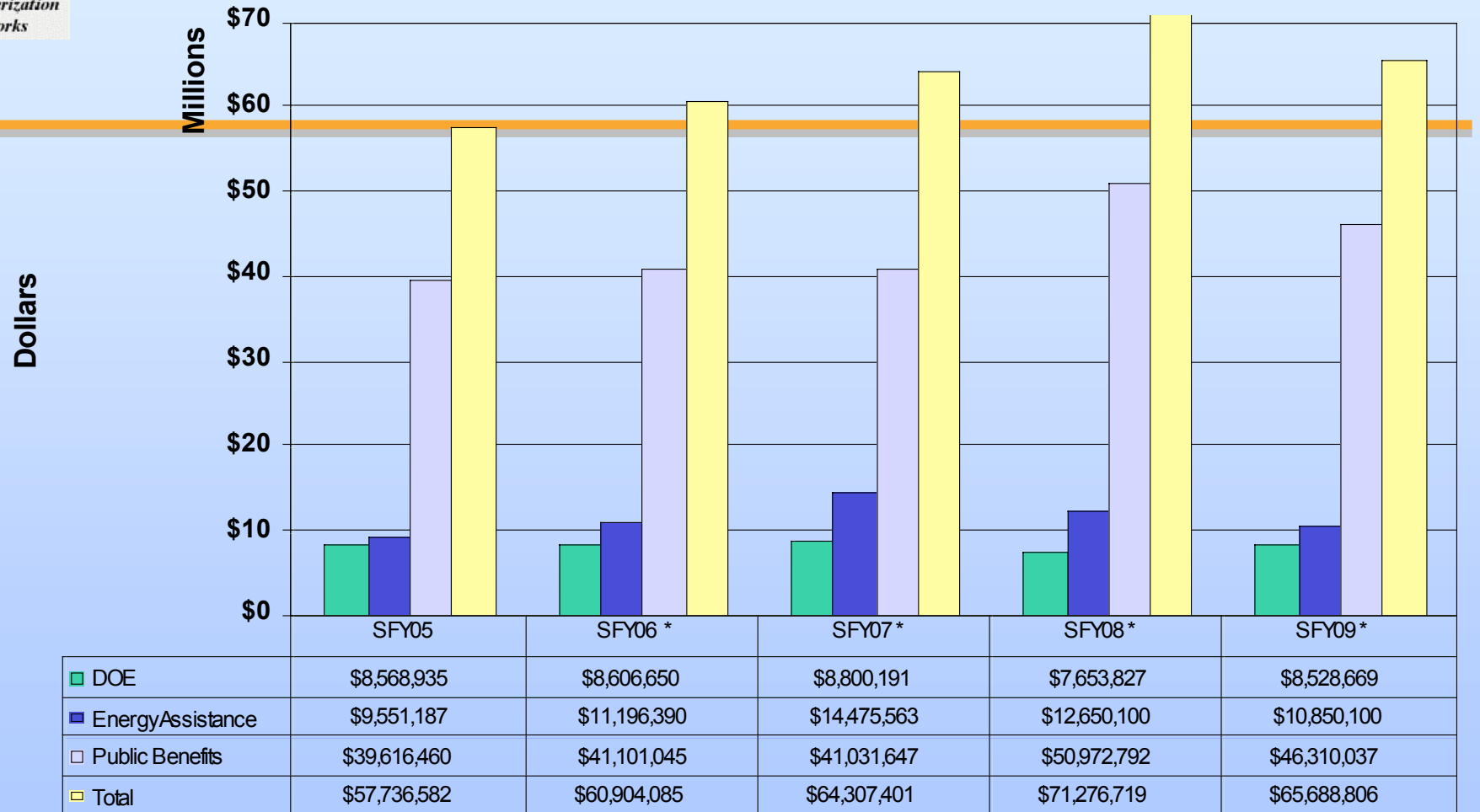
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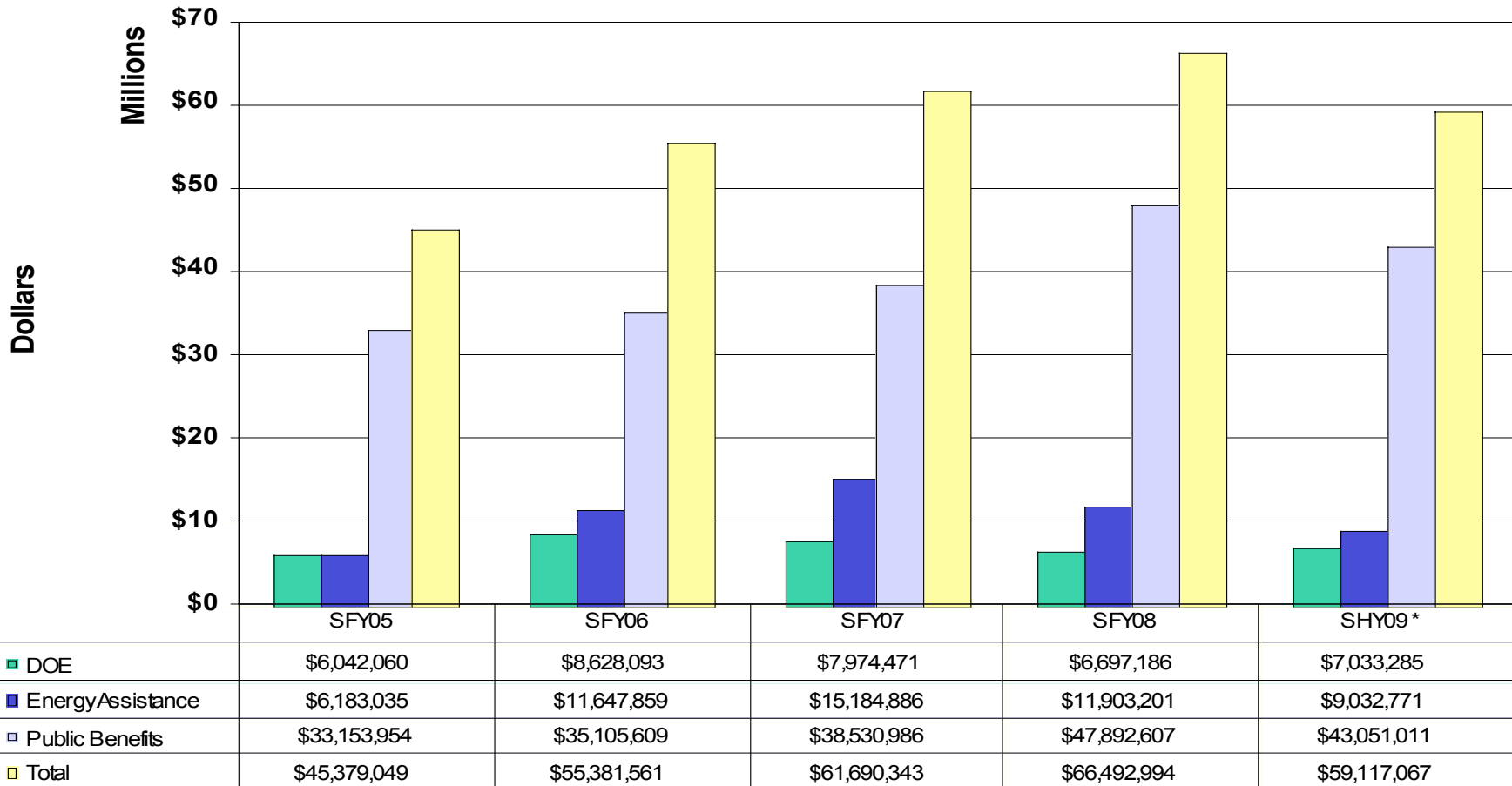
## Wisconsin Weatherization Assistance Program State Grant Allocation Comparison SFY 2005 - 2009



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## Wisconsin Weatherization Assistance Program Local Agency Allocation Comparison SFY 2005 - 2009



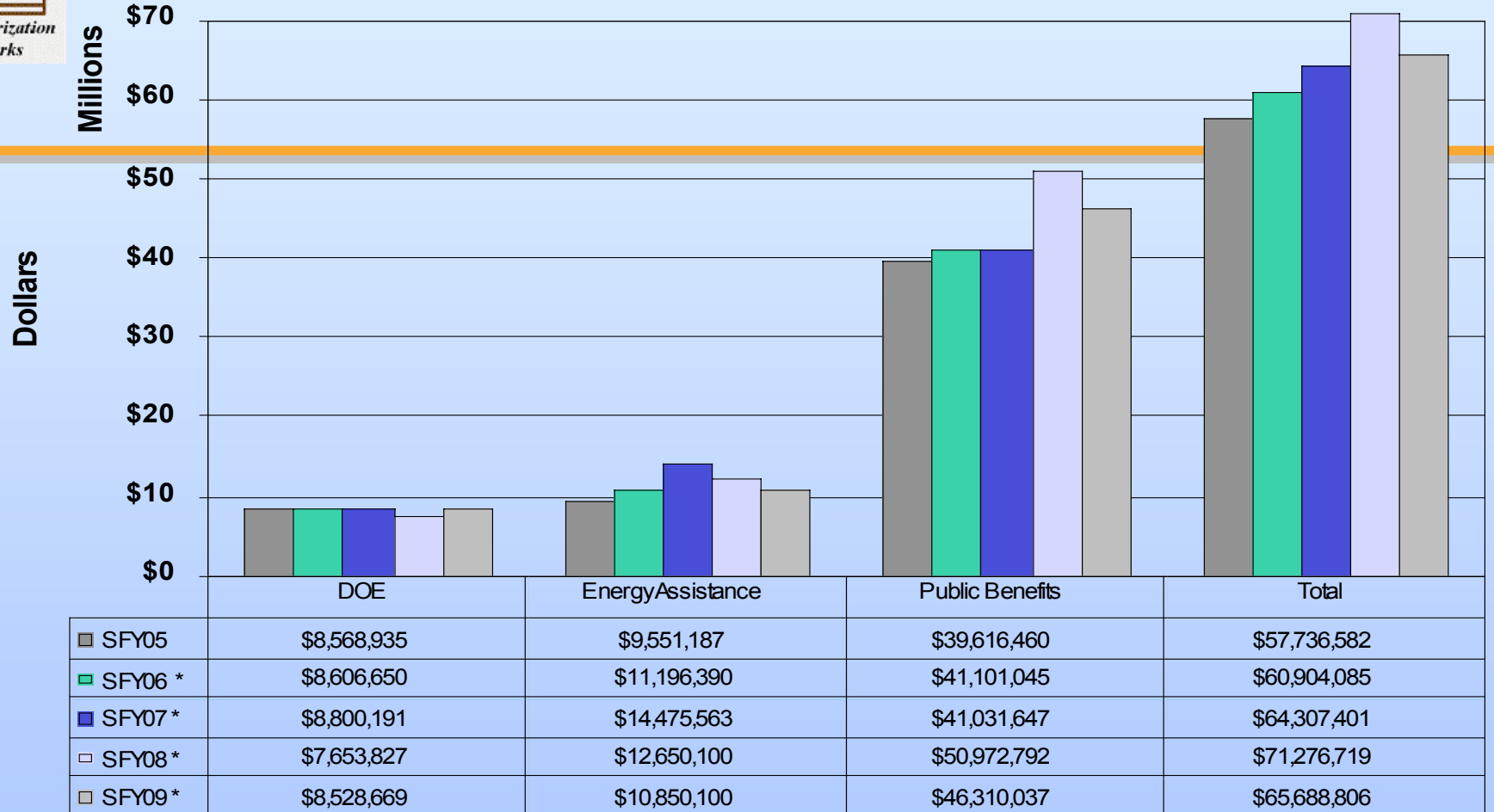
\* Anticipated Expenditures.



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## Wisconsin Weatherization Assistance Program State Grant Allocation Comparison SFY 2005 - 2009



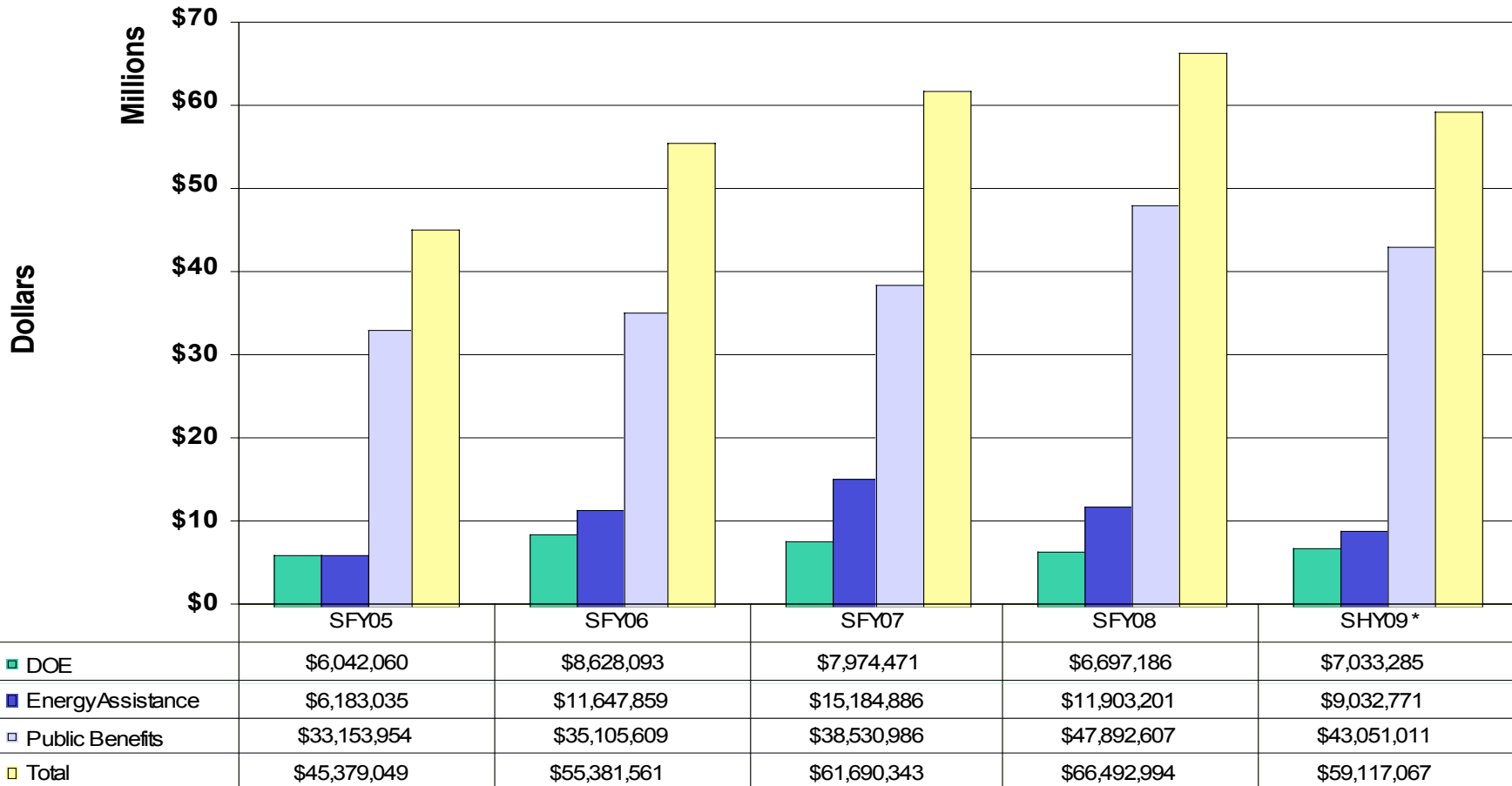
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## Wisconsin Weatherization Assistance Program Local Agency Allocation Comparison SFY 2005 - 2009



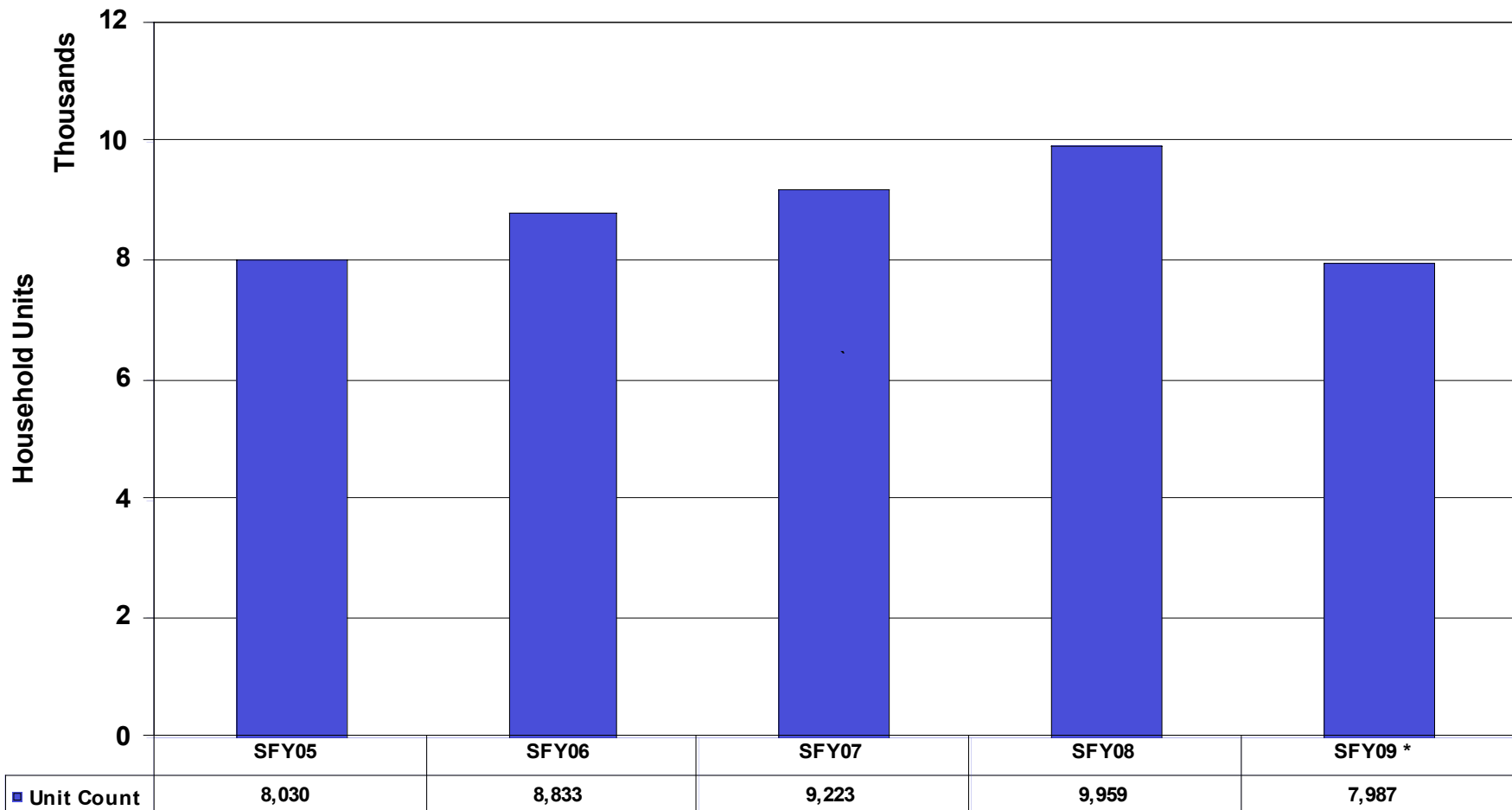
\* Anticipated Expenditures.



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## Wisconsin Weatherization Assistance Program Household Unit Production SFY 2005 - 2009



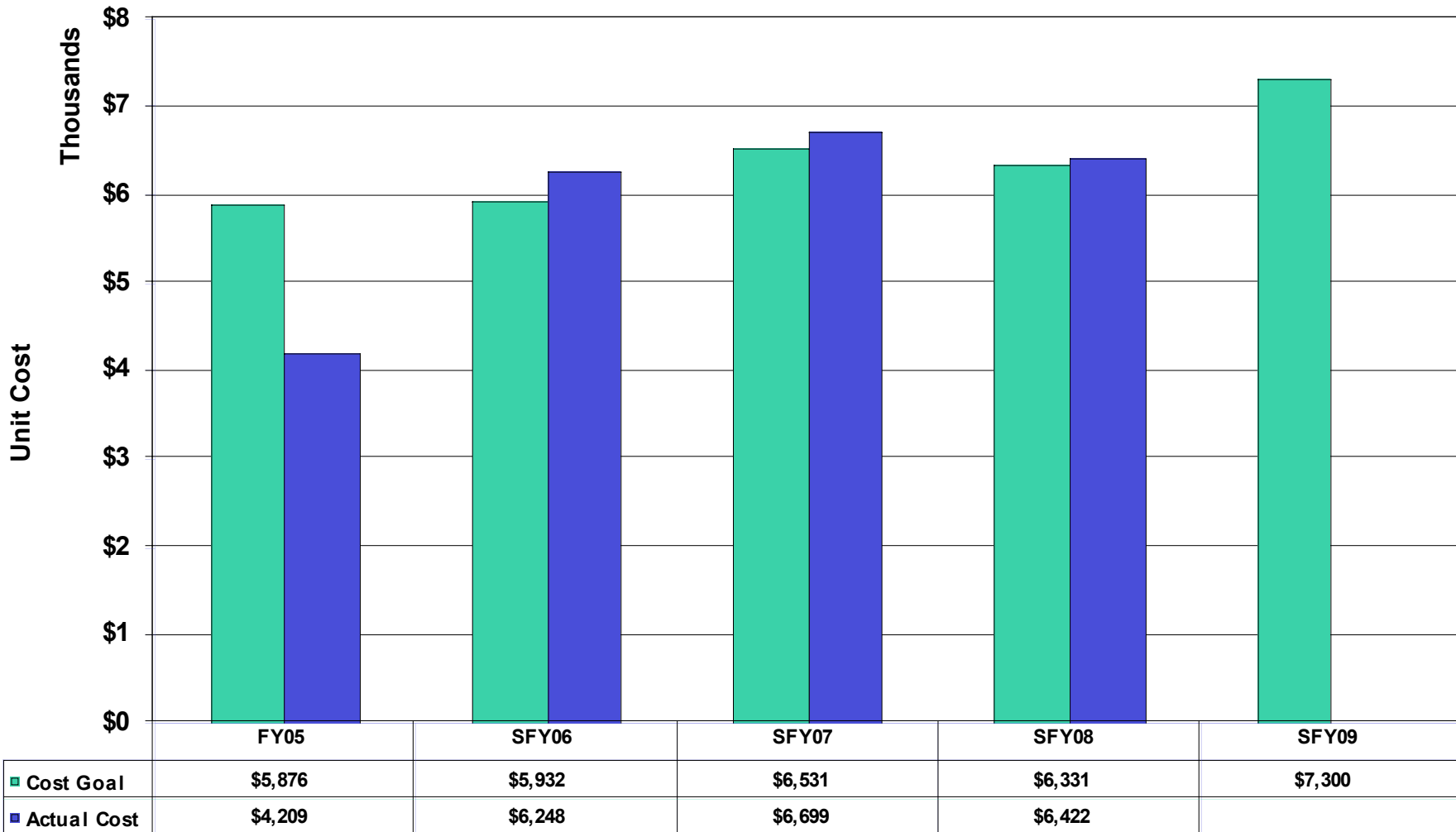
\* Anticipated unit goals.

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# Wisconsin Weatherization Assistance Program

## \*Average Household Unit Cost 2005-2009



\* Average Household Unit Cost Goal includes all funds including T&TA and Special Projects.



# Weatherization Plan 2008-2009

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- ◆ Intake and Referral
- ◆ Building Analysis
- ◆ Weatherization Measures- ECM's
- ◆ Health and Safety
- ◆ Reporting and Payment
- ◆ Inspection and Quality Assurance
- ◆ Training and Technical Assistance



# Intake and referral

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- ◆ WHEAP priority based on High-Energy consumption, income level, special household
- ◆ 20% of units served at agency's discretion
- ◆ Reweathering with Public Benefits set to pre 2000





# Building analysis

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- ◆ Whole House approach
- ◆ Measure list and NEAT Audit
- ◆ Testing and Diagnosis
- ◆ Photo documentation



# Energy Conservation Measures's

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- ◆ Shell
- ◆ Mechanical
- ◆ Base load



# Health & Safety

**“Don’t harm the occupants, don’t damage the structure”**

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- ◆ Deferrals

A good deferral approach eventually brings the house into the program

- ◆ Occupant safety

- ◆ Crew safety

- ◆ Structural integrity





# Health and Safety

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- ◆ Remedy must be tied to weatherization measure
- ◆ Fix what is there rather than replace
- ◆ Limit costs-Neat audit must be applied if H&S costs are over \$1,000
- ◆ Pay for H&S with Energy Savings





# Reporting and payment

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- ◆ Payment is tied to accurate data entry
- ◆ Invoices are generated from the WisWAP database
- ◆ Units must be inspected in order to be closed and eligible for invoicing



# Inspection and Quality Assurance

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- ◆ Primary purpose is performance feedback
- ◆ Monitoring letters emphasize good work, report is a management tool for improvement
- ◆ Inspections identify training needs
- ◆ Separate Technical and Administrative guidance





# New initiatives

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- ◆ Large Multifamily Pilot
- ◆ Weatherization job-training Pilot
- ◆ Baseload Pilot
- ◆ Automatic benefit renewal for fixed income clients
- ◆ Energy Assistance marketing



# Weatherization energy savings

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- ◆ Weatherization **saves energy and dollars in 10,000 Wisconsin homes annually.**
- ◆ **Reduction in energy bills for low-income clients ranges from 20%-32%**
- ◆ (It depends on how wasteful the house is before weatherization)





# KWH & THERM Savings

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- ◆ Therm pre WX 1634, post 1301=333
- ◆ KWH pre WX 8783, post 7660=1123
  
- ◆ Pre and post weatherization values are taken from a PA Consulting "Weatherization Assistance Program Pilot Evaluation" and represent average savings for approximately 900 houses.



# Net benefits

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- ◆ Derives from the following:
  - attic insulation (34%)
  - htg. sys. repl. (29%)
  - wall insulation (17%)
  - infiltration red. (10%)
  - other measures (10%)





# The hard part about wrestling with a bobcat is letting go

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