

# FY 2012 Government Performance and Results Act (GPRA)

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INDIAN HEALTH SERVICE (IHS) GPRA PERFORMANCE RESULTS

# Introduction

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IHS clinical GPRA results are calculated from the Clinical Reporting System (CRS) Class 1 software module installed locally on the Resource and Patient Management System (RPMS), IHS's electronic health record.

The CRS measure logic is located [here](#)

Each clinical measure has two graphs:

- the current national performance result and historical data
- IHS Area graphs comparing the current reporting year to the previous year for each of IHS's twelve Area Offices.

# Area Abbreviations

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| Abbreviation | Area        |
|--------------|-------------|
| ABD          | Aberdeen    |
| ALA          | Alaska      |
| ALB          | Albuquerque |
| BEM          | Bemidji     |
| BIL          | Billings    |
| CAL          | California  |
| NAS          | Nashville   |
| NAV          | Navajo      |
| OKL          | Oklahoma    |
| PHO          | Phoenix     |
| POR          | Portland    |
| TUC          | Tucson      |

# Acronym Definitions

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| Acronym | Definition  |
|---------|---|
| NPIRS   | National Patient Information Registrations System |
| AI/AN   | American Indian/Alaska Native                     |
| A1c     | Hemoglobin A1c                                    |
| BMI     | Body Mass Index                                   |
| BP      | Blood Pressure                                    |
| CHD     | Coronary Heart Disease                            |
| CVD     | Cardiovascular Disease                            |
| DV/IPV  | Domestic Violence/Intimate Partner Violence       |
| HP      | Healthy People                                    |
| IHD     | Ischemic Heart Disease                            |
| LDL     | Low Density Lipoprotein                           |

# GPRA 2012 Results Summary

- 21 GPRA Clinical Measures were reported in FY 2012
  - 18 of 21 clinical measures met their targets in 2012 (86%) compared to 21 of 21 in 2011 (100%)
  - 19 measure results exceeded FY 2011 results
  - 2 measure results decreased in performance from FY 2011

# GPRA 2012 Results Summary

- Measures with significant improvement over FY 2011:
  - Nephropathy Assessment improved by 10.2 percentage points
  - DV/IPV Screening improved by 6.2 percentage points
  - Alcohol Screening (FAS Prevention) improved by 6.0 percentage points
  - Tobacco Cessation improved by 5.8 percentage points

# GPRA 2012 Results Summary

- Measures that decreased in performance from 2011
  - Poor Glycemic Control decreased by 0.7 percentage points
  - Pap (Cervical) Screening decreased by 1.0 percentage points

# GPRA 2012 Results Summary

## Measures that improved over FY 2011 results

| Measure                            | FY 2011 Result | FY 2012 Result | 2012 Target |
|------------------------------------|----------------|----------------|-------------|
| Ideal Glycemic Control             | 31.9%          | 33.2%          | 32.7%       |
| Controlled BP <130/80              | 37.8%          | 38.9%          | 38.7%       |
| LDL (Cholesterol) Assessed         | 68.7%          | 71.0%          | 70.3%       |
| Nephropathy Assessed               | 56.5%          | 66.7%          | 57.8%       |
| Retinopathy Exam                   | 53.5%          | 55.7%          | 54.8%       |
| Dental: General Access             | 26.9%          | 28.8%          | 26.9%       |
| Sealants                           | 276,893        | 295,734        | 276,893     |
| Topical Fluoride - Patients        | 161,461        | 169,083        | 161,461     |
| Influenza 65+                      | 62.0%          | 65.0%          | 63.4%       |
| Pneumovax 65+                      | 85.5%          | 88.5%          | 87.5%       |
| Childhood Iz                       | 75.9%          | 76.8%          | 77.8%       |
| Mammography Screening              | 49.8%          | 51.9%          | 51.7%       |
| Colorectal Cancer Screening        | 41.7%          | 46.1%          | 43.2%       |
| Tobacco Cessation                  | 29.4%          | 35.2%          | 30.0%       |
| Alcohol Screening (FAS Prevention) | 57.8%          | 63.8%          | 58.7%       |
| DV/IPV Screening                   | 55.3%          | 61.5%          | 55.3%       |
| Depression Screening               | 56.5%          | 61.9%          | 56.5%       |
| CVD-Comprehensive Assessment       | 39.8%          | 45.4%          | 40.6%       |
| Prenatal HIV Screening             | 80.0%          | 85.8%          | 81.8%       |



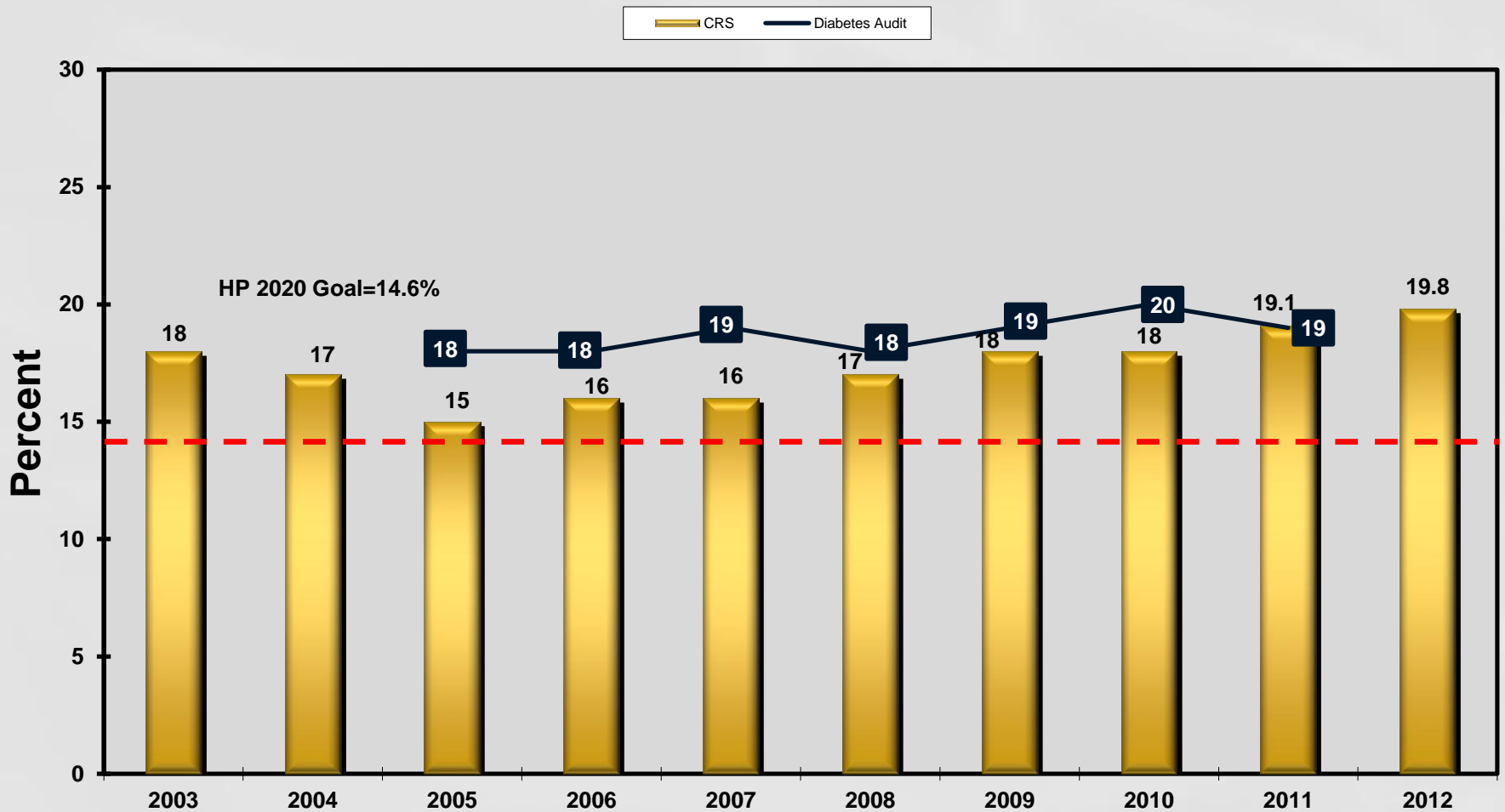
# GPRA 2012 Results Summary

## Measures that decreased in performance from 2011

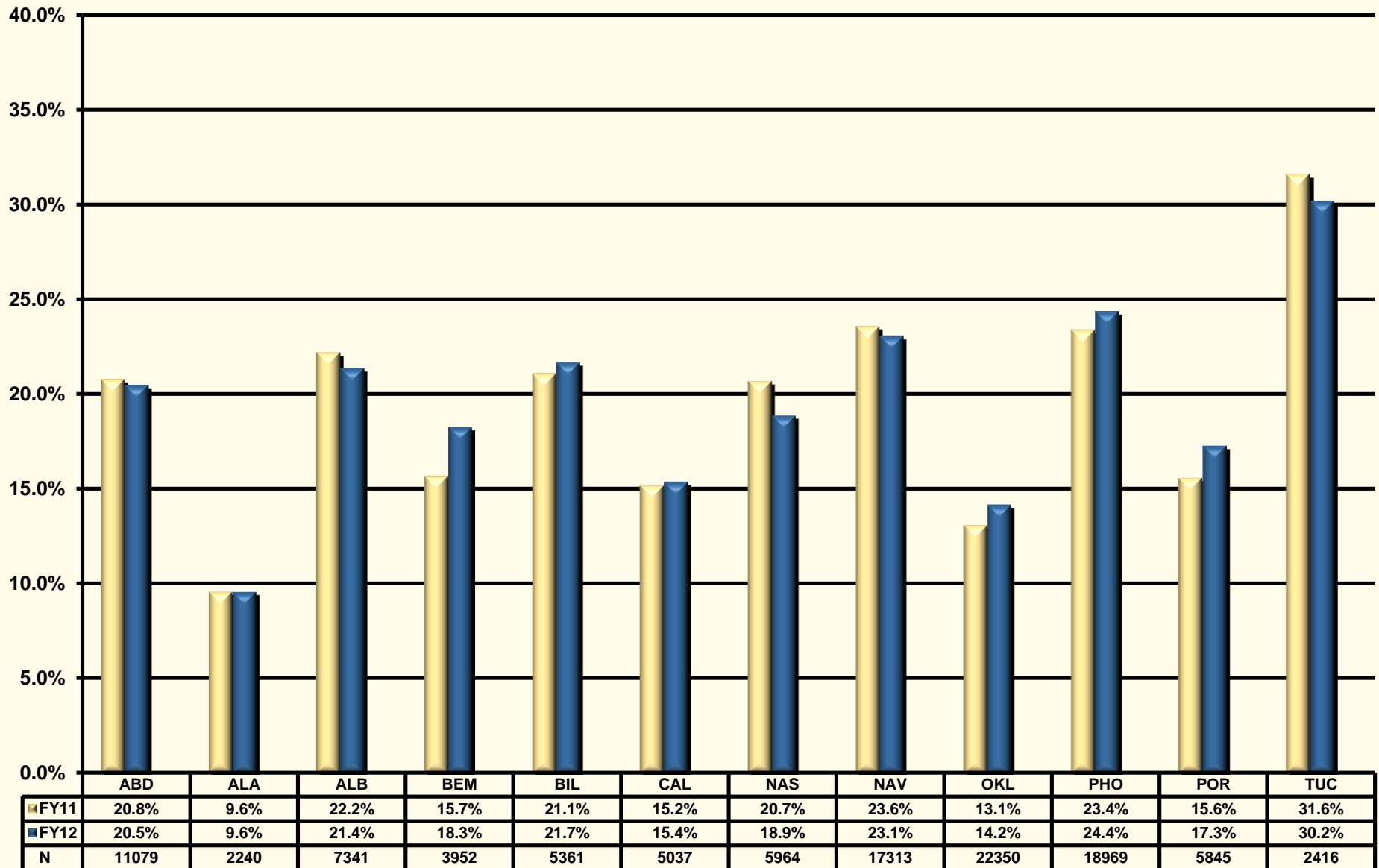
| Measure                  | FY 2011 Result | FY 2012 Result | 2012 Target |
|--------------------------|----------------|----------------|-------------|
| Poor Glycemic Control    | 19.1%          | 19.8%          | 18.6%       |
| (Cervical) Pap Screening | 58.1%          | 57.1%          | 59.5%       |

# Diabetes: Poor Glycemic Control

AI/AN patients with diabetes who have Poor A1c control (>9.5) during the past year.

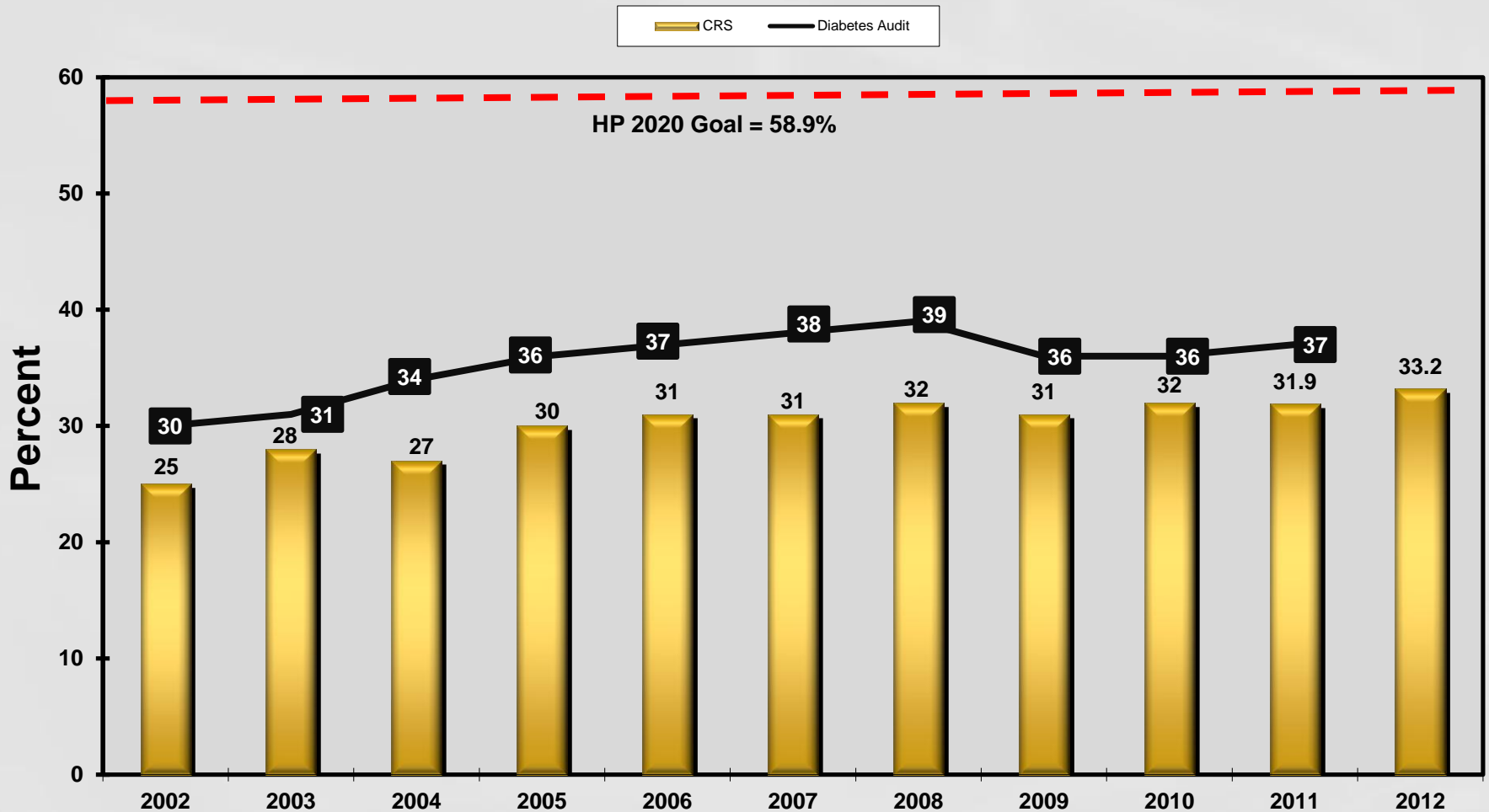


# Diabetes: Poor Glycemic Control

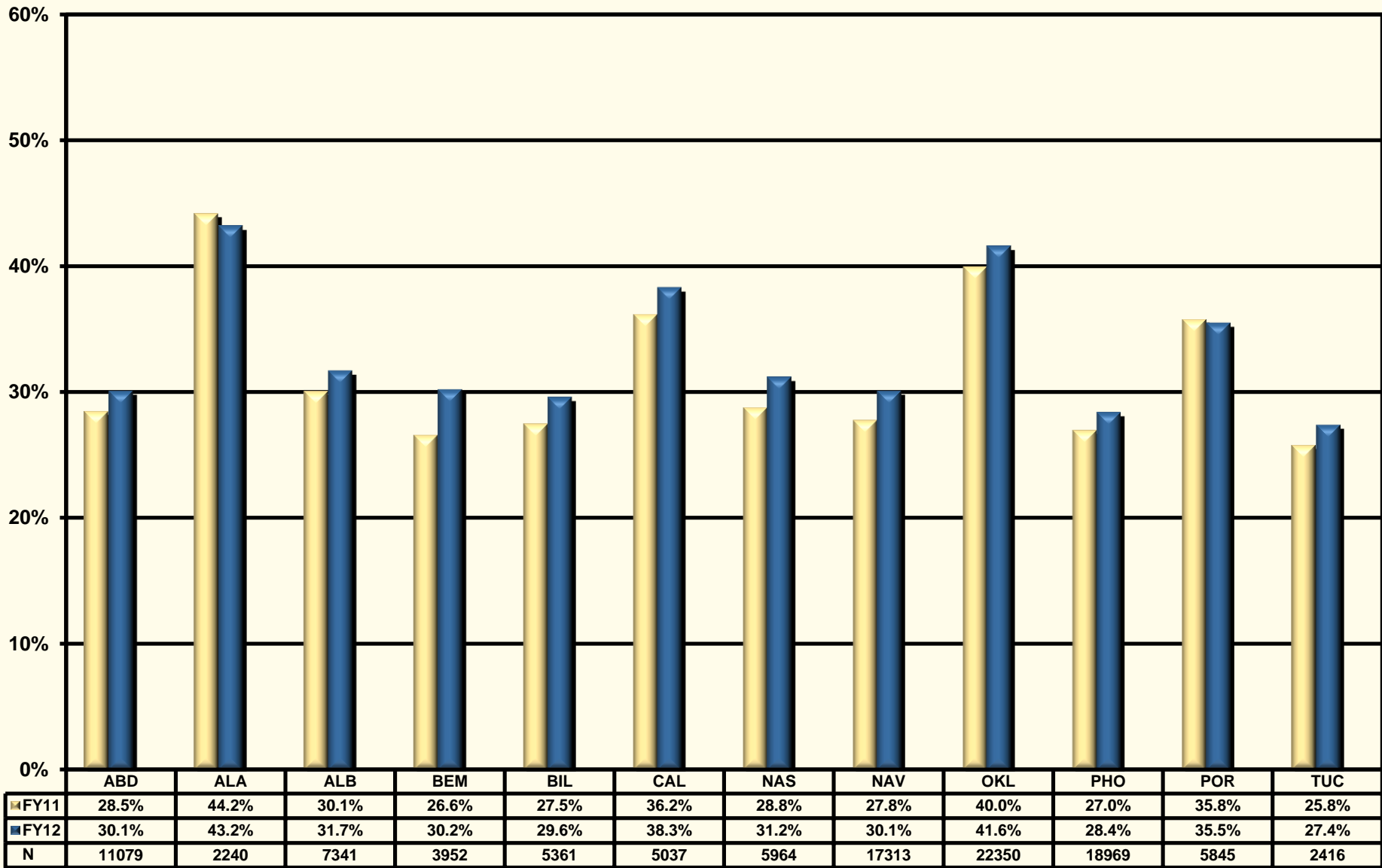


# Diabetes: Ideal Glycemic Control

AI/AN patients with diabetes who have maintained Ideal A1c control (<7) during the past year.

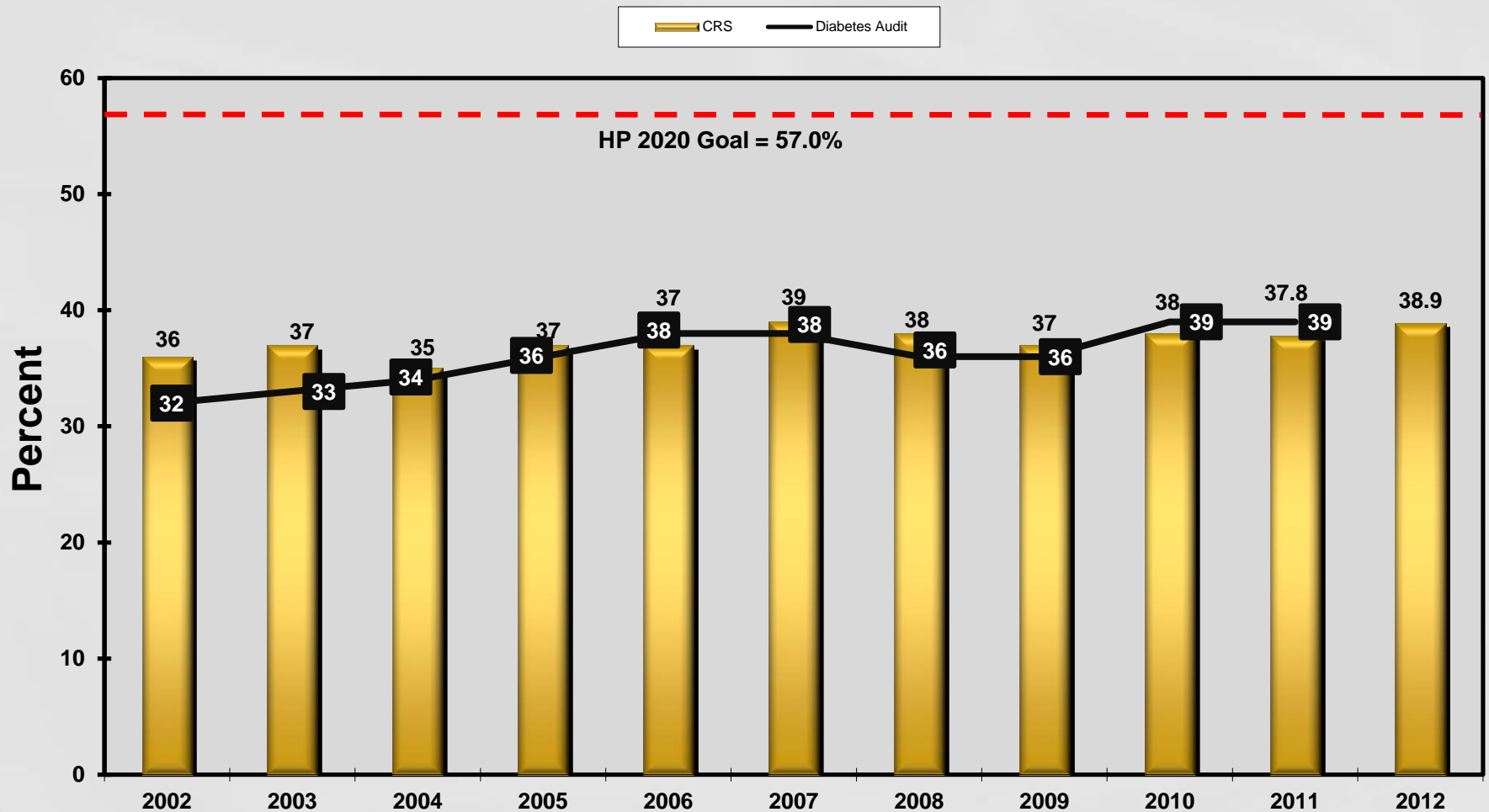


# Diabetes: Ideal Glycemic Control

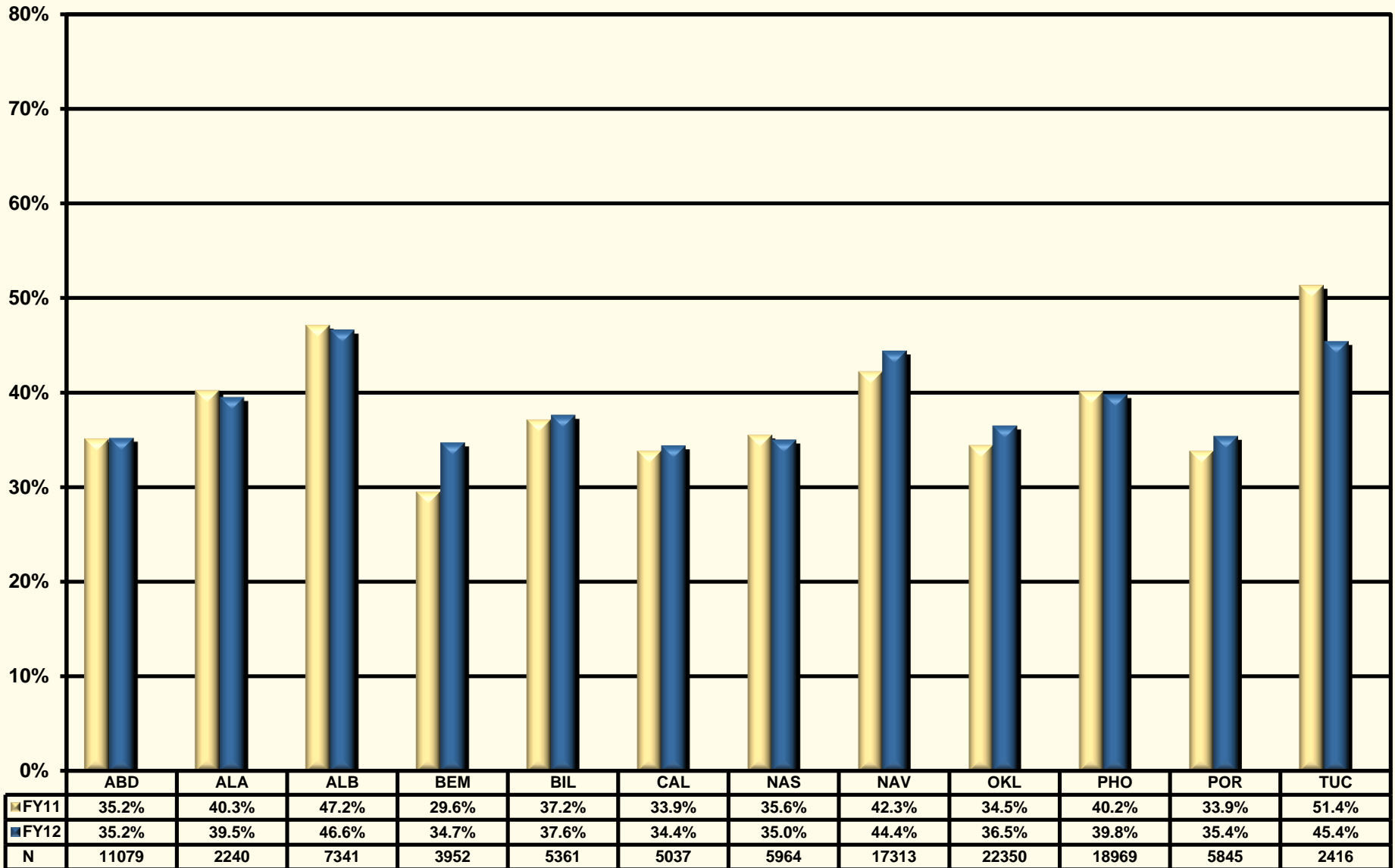


# Diabetes: Blood Pressure Control

AI/AN patients with diabetes who have maintained BP control (<130/80) during the past year.

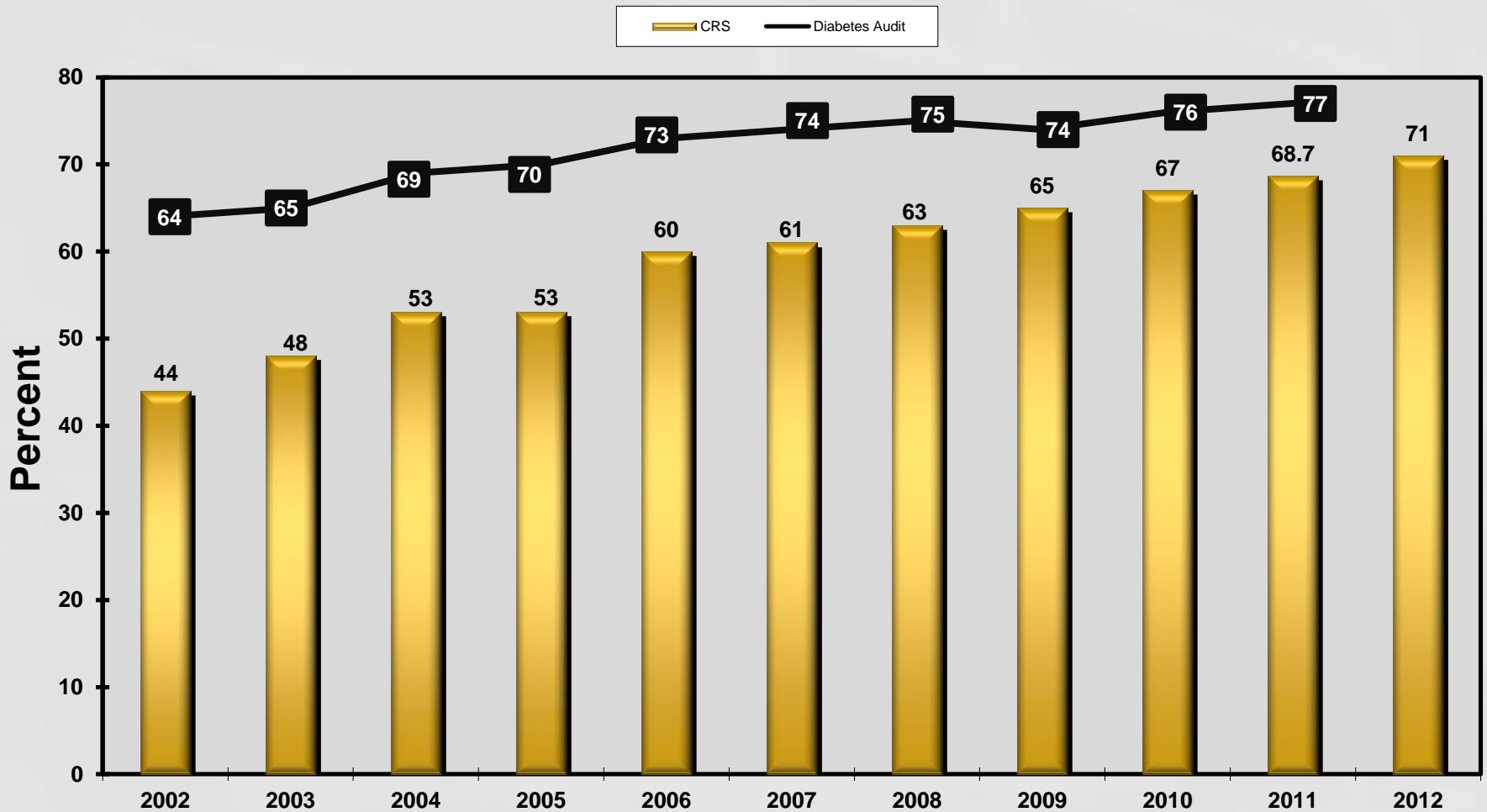


# Diabetes: Blood Pressure Control



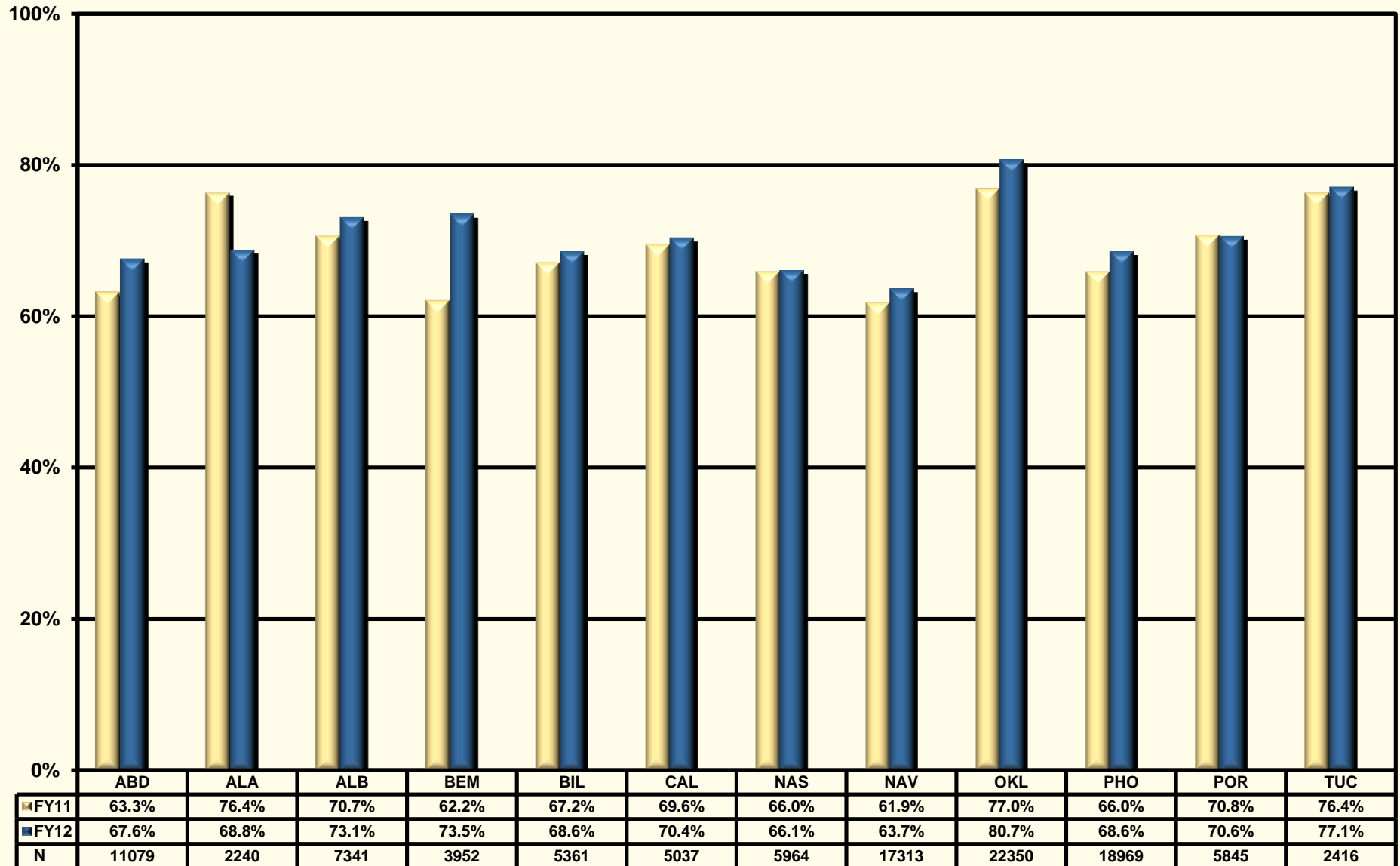
# Diabetes: LDL Assessment

AI/AN patients with diabetes who have been assessed for dyslipidemia (LDL) within the past year.



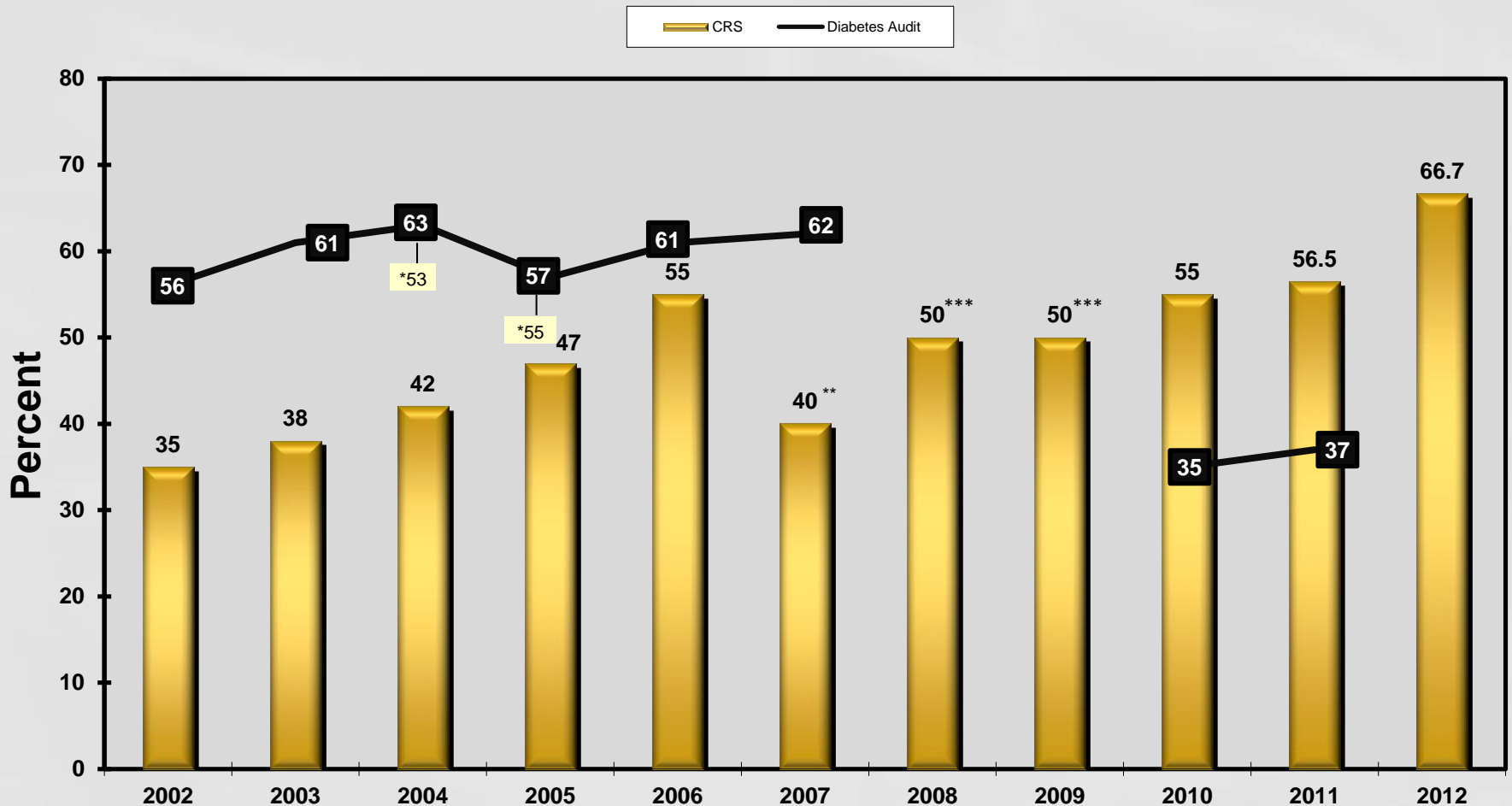


# Diabetes: LDL Assessment



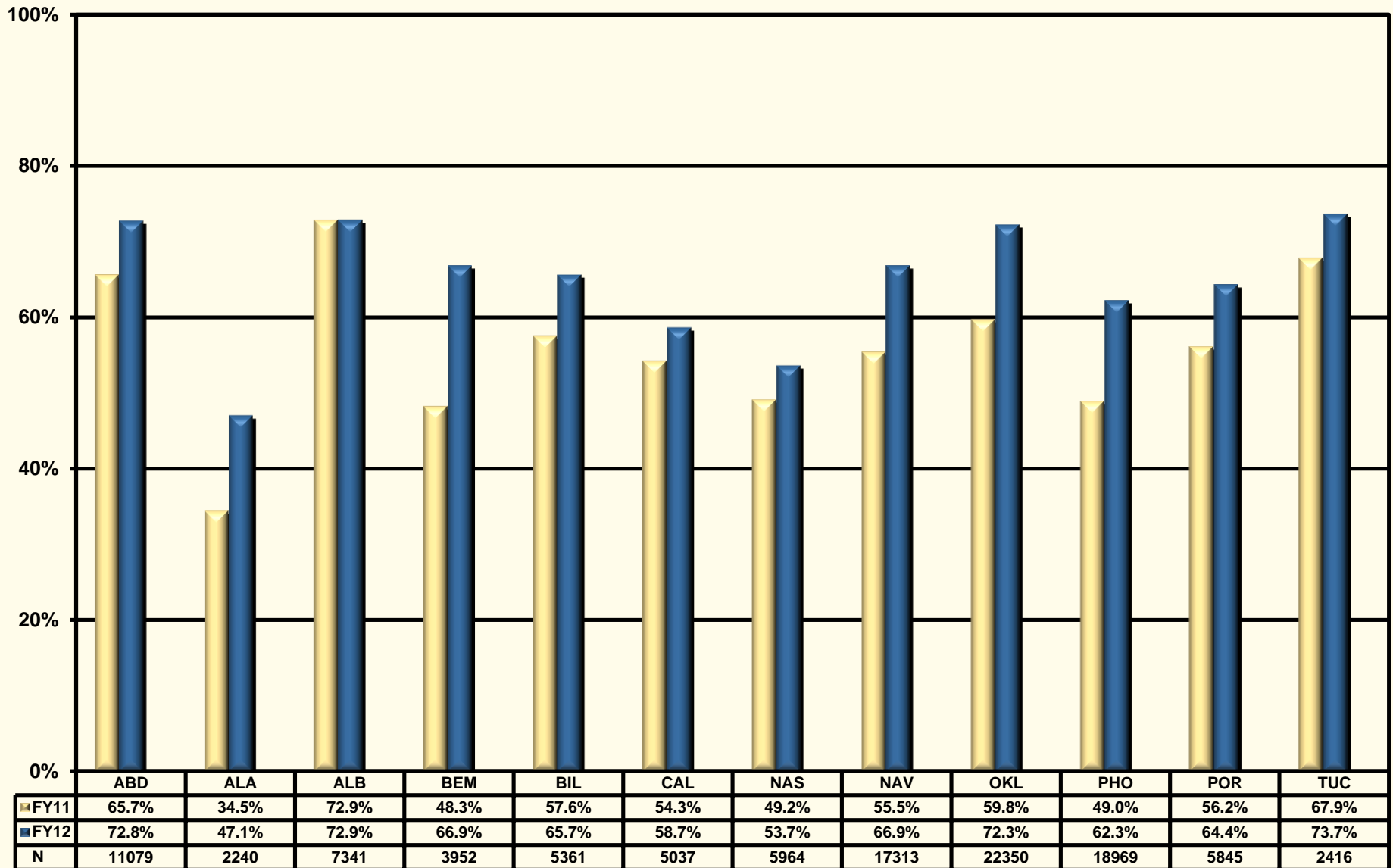
# Diabetes: Nephropathy Assessment

AI/AN patients with diabetes who have been assessed for nephropathy within the past year.



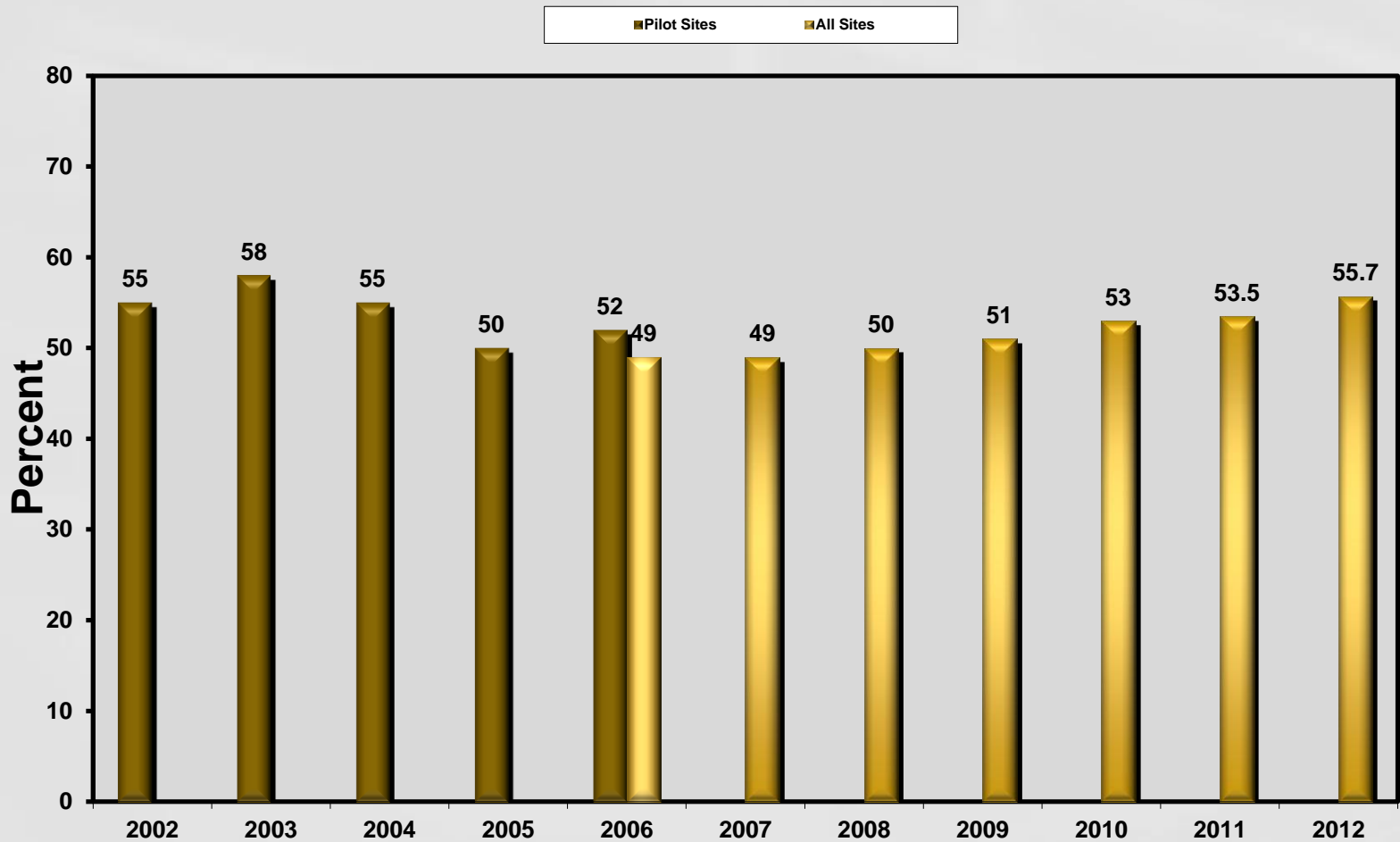
\*In 2005, diabetes audit logic was changed to conform to GPRA logic for this measure. Therefore audit results (2004 and 2005) were recalculated and are displayed below the previous results. \*\*New baseline set to reflect updated standards of care. \*\*\*Due to changes in the urine protein testing data elements, audit data for these elements was not reliable and no result is available for this measure for 2008 or 2009.

# Diabetes: Nephropathy Assessment



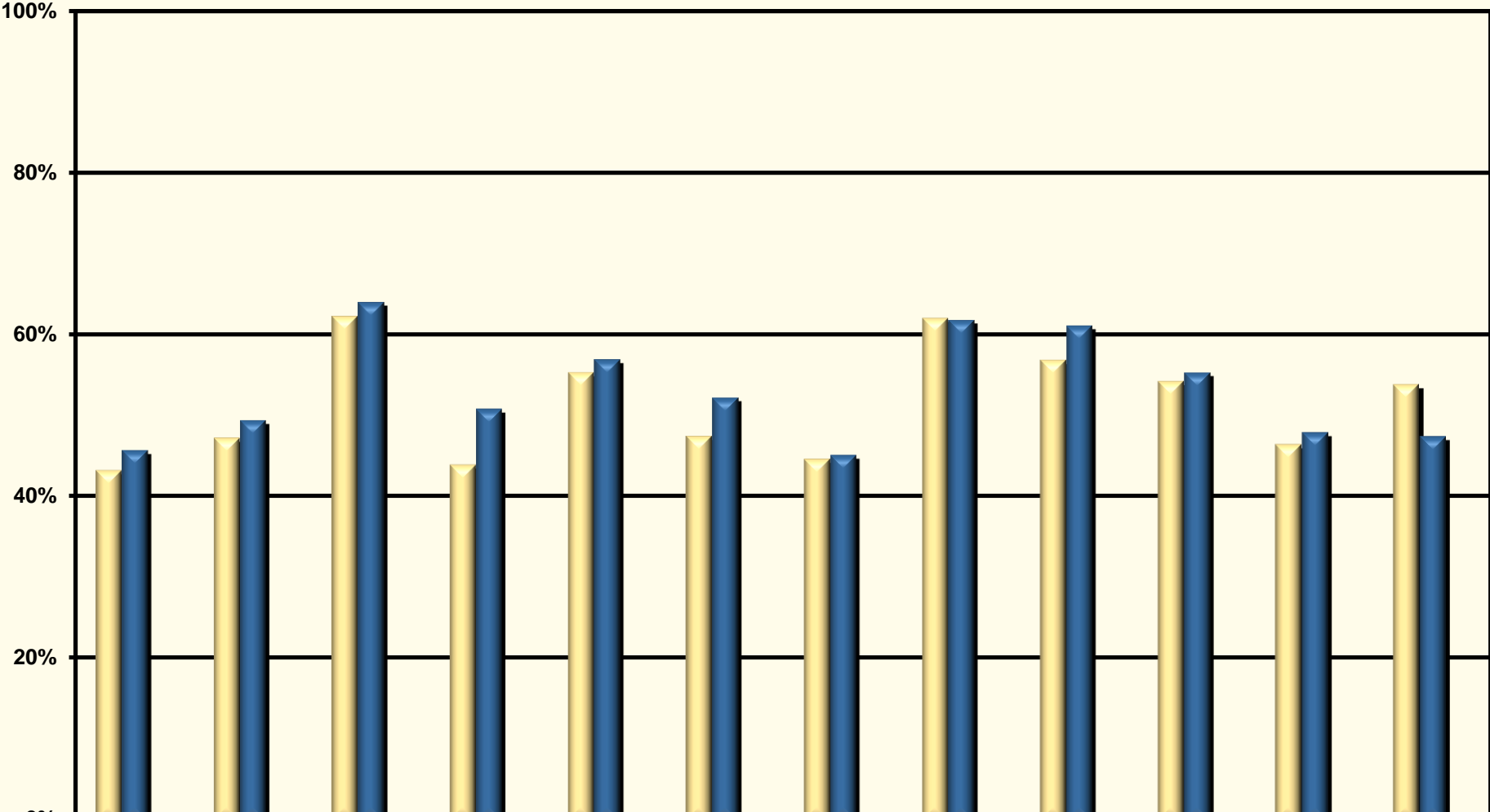
# Diabetes: Retinopathy

AI/AN patients with diabetes who have been assessed for retinopathy within the past year.



The Pilot sites will not be recording data for 2007 or in the future. This chart reflects both the National data and the past Pilot sites.

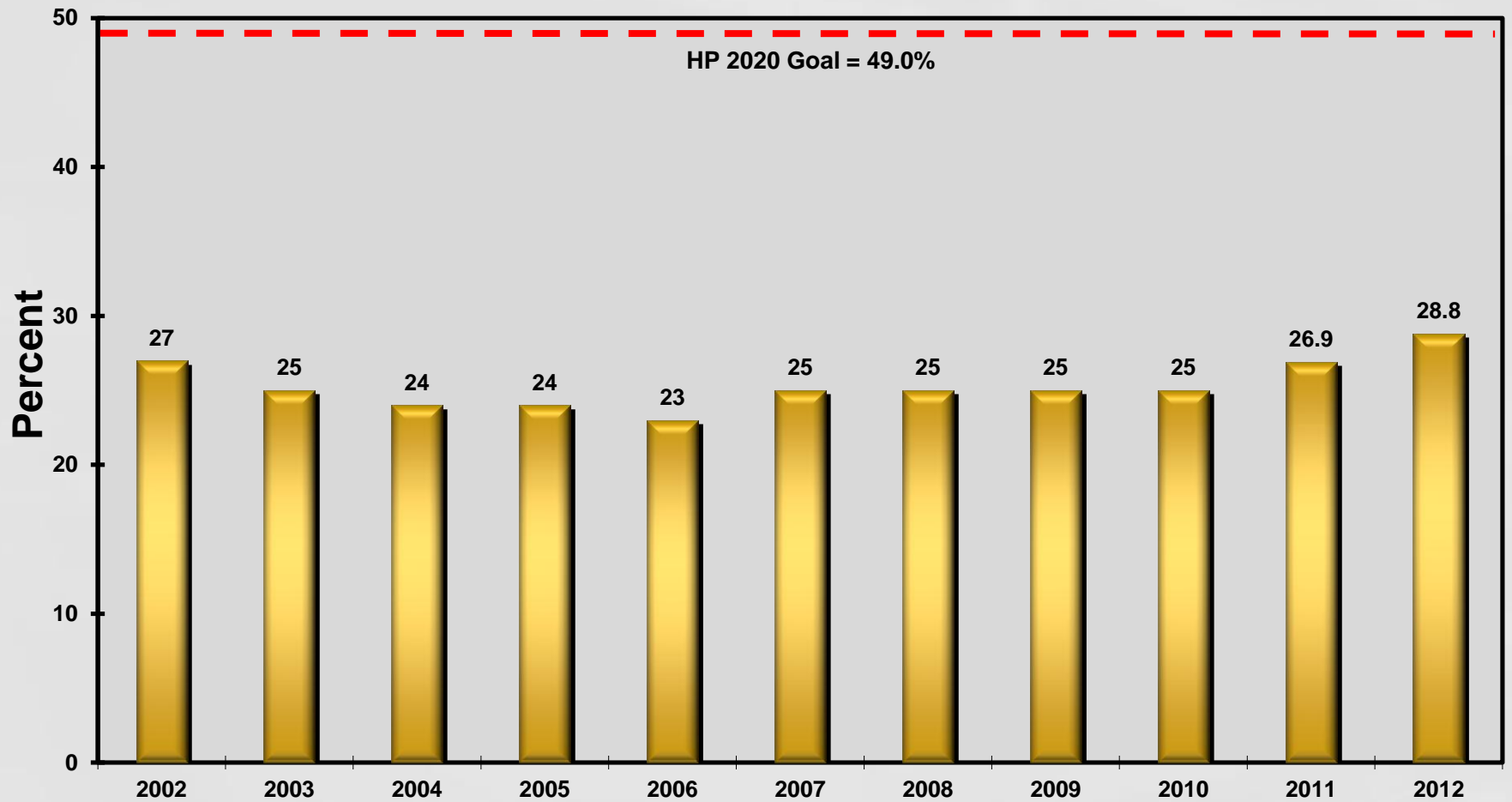
# Diabetes: Retinopathy Assessed



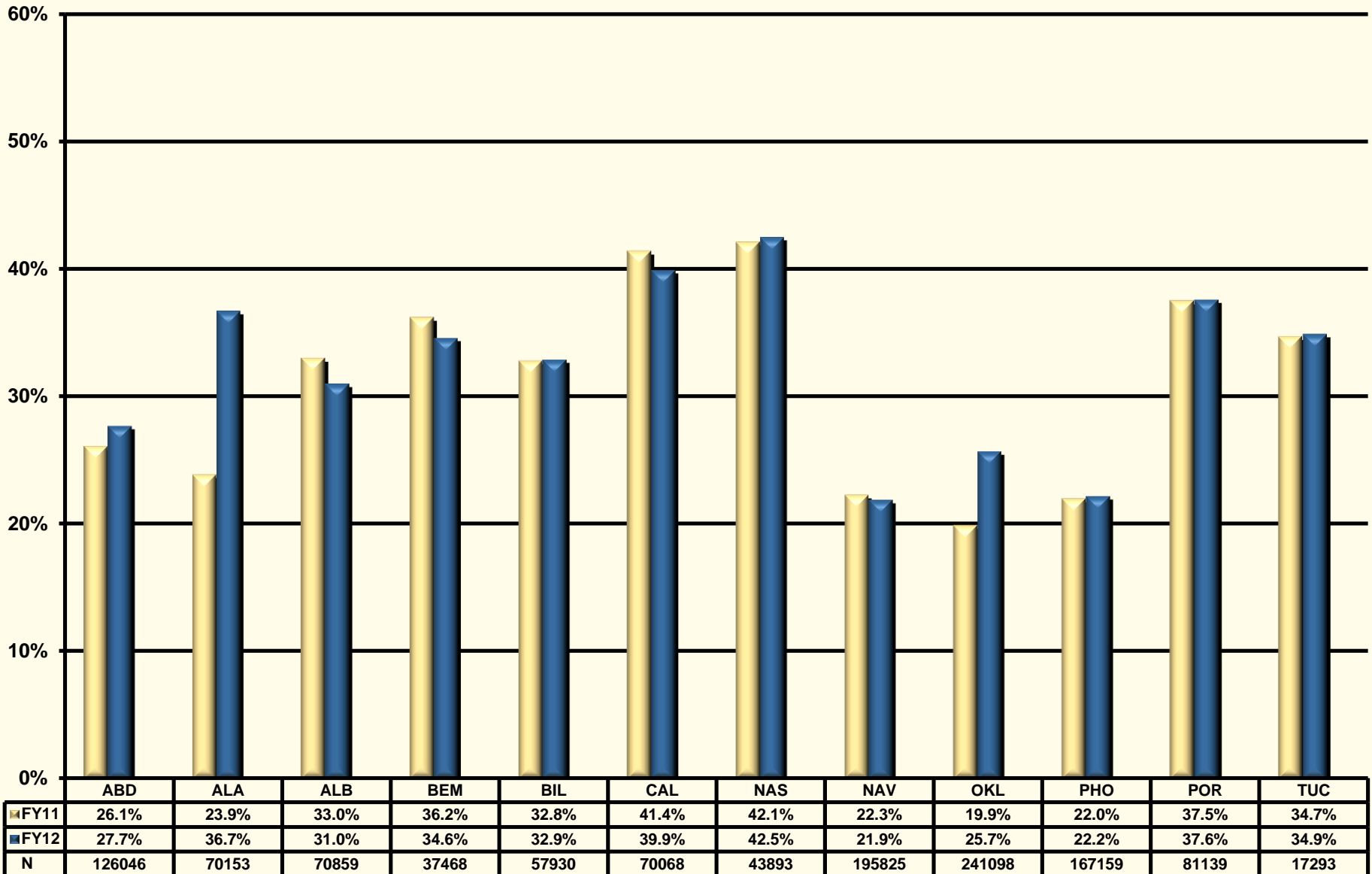
|      | ABD   | ALA   | ALB   | BEM   | BIL   | CAL   | NAS   | NAV   | OKL   | PHO   | POR   | TUC   |
|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| FY11 | 43.2% | 47.2% | 62.2% | 43.9% | 55.3% | 47.4% | 44.6% | 62.0% | 56.8% | 54.2% | 46.4% | 53.8% |
| FY12 | 45.7% | 49.4% | 64.0% | 50.8% | 56.9% | 52.2% | 45.1% | 61.8% | 61.1% | 55.3% | 47.9% | 47.4% |
| N    | 11079 | 2240  | 7341  | 3952  | 5361  | 5037  | 5964  | 17313 | 22350 | 18969 | 5845  | 2416  |

# Dental: General Access

AI/AN patients who have received dental services within the past year.

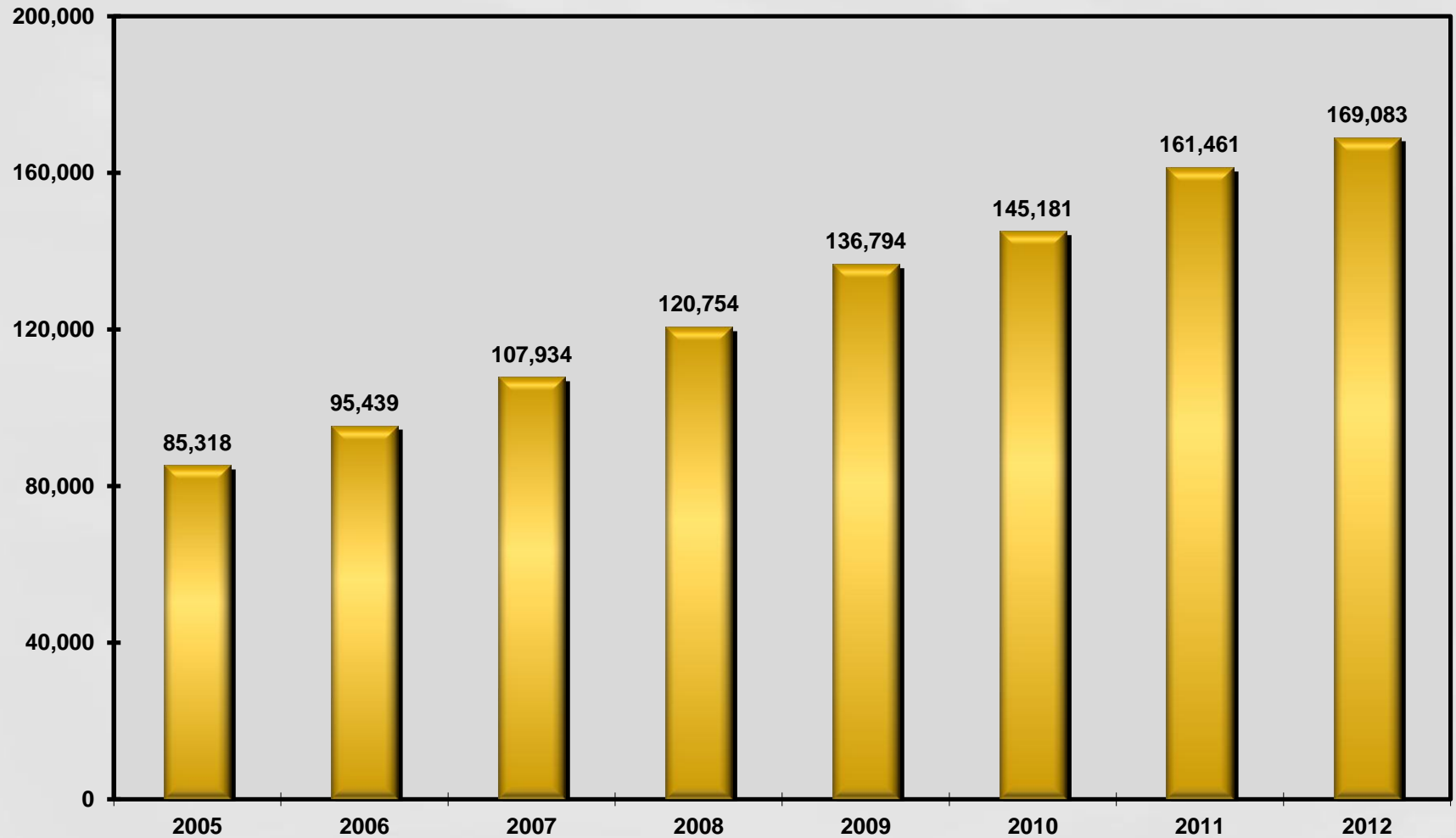


# Dental: Access



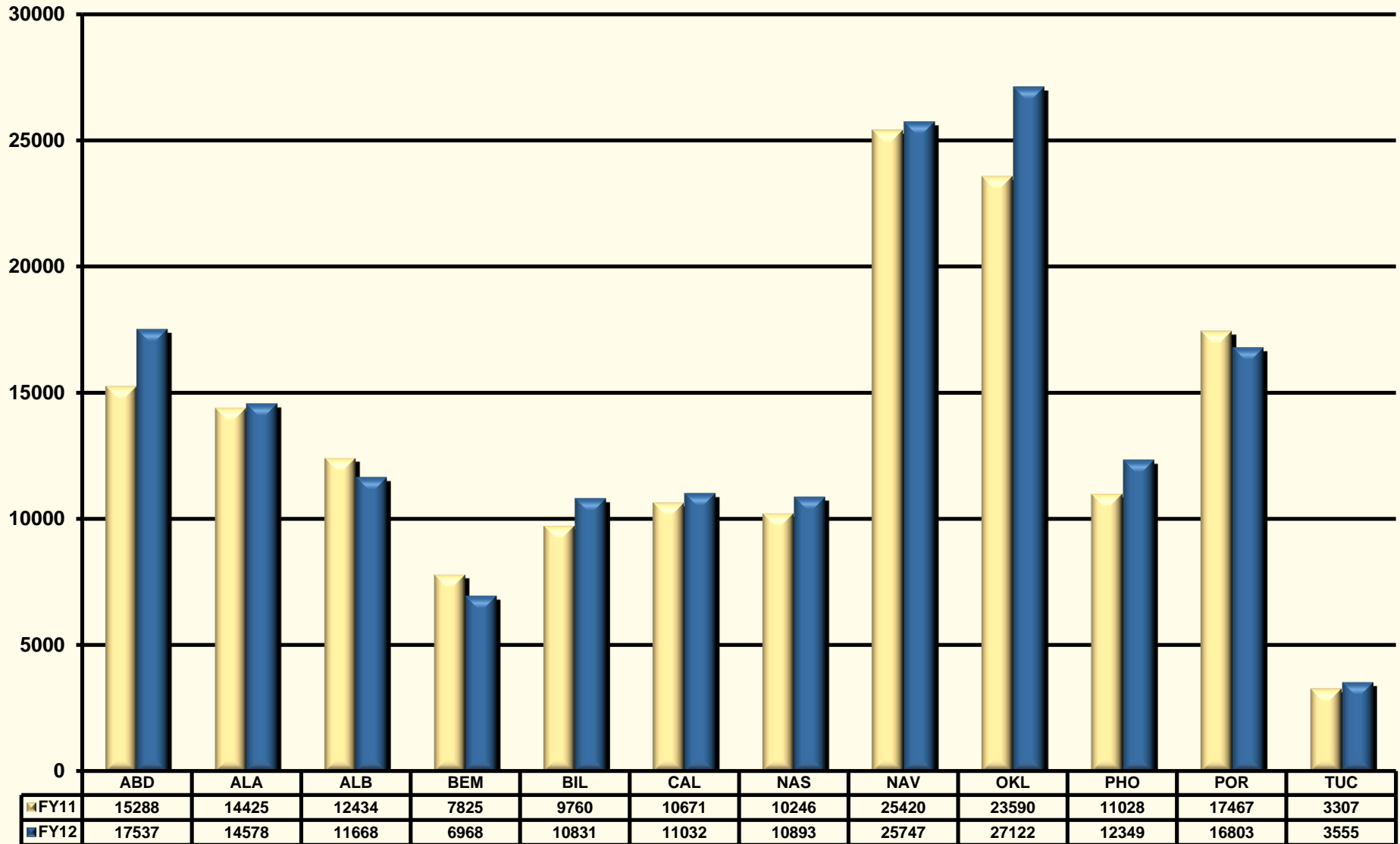
# Dental: Topical Fluorides

Number of AI/AN patients with at least one topical fluoride treatment within the past year.



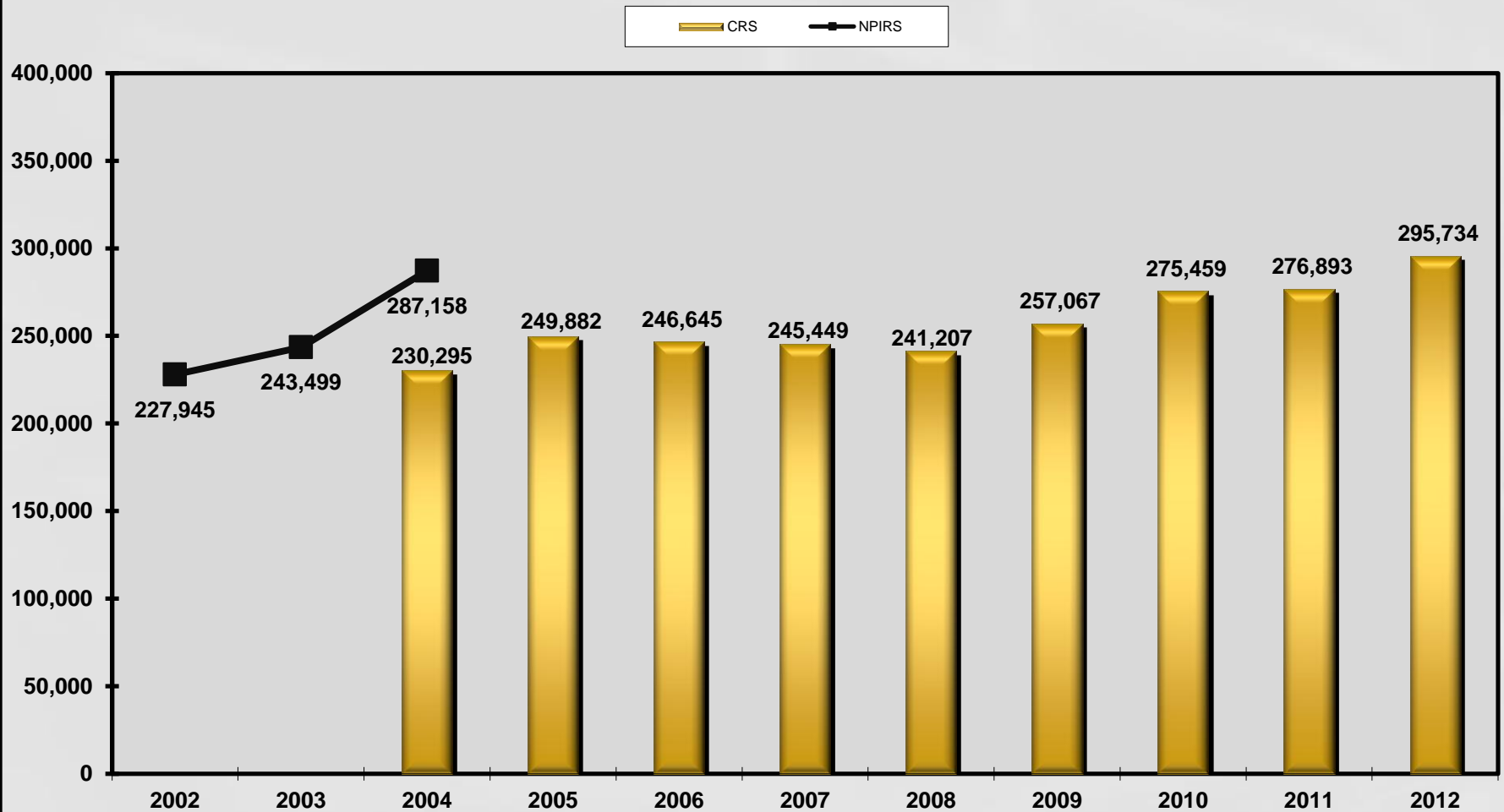


# Dental: Fluoride

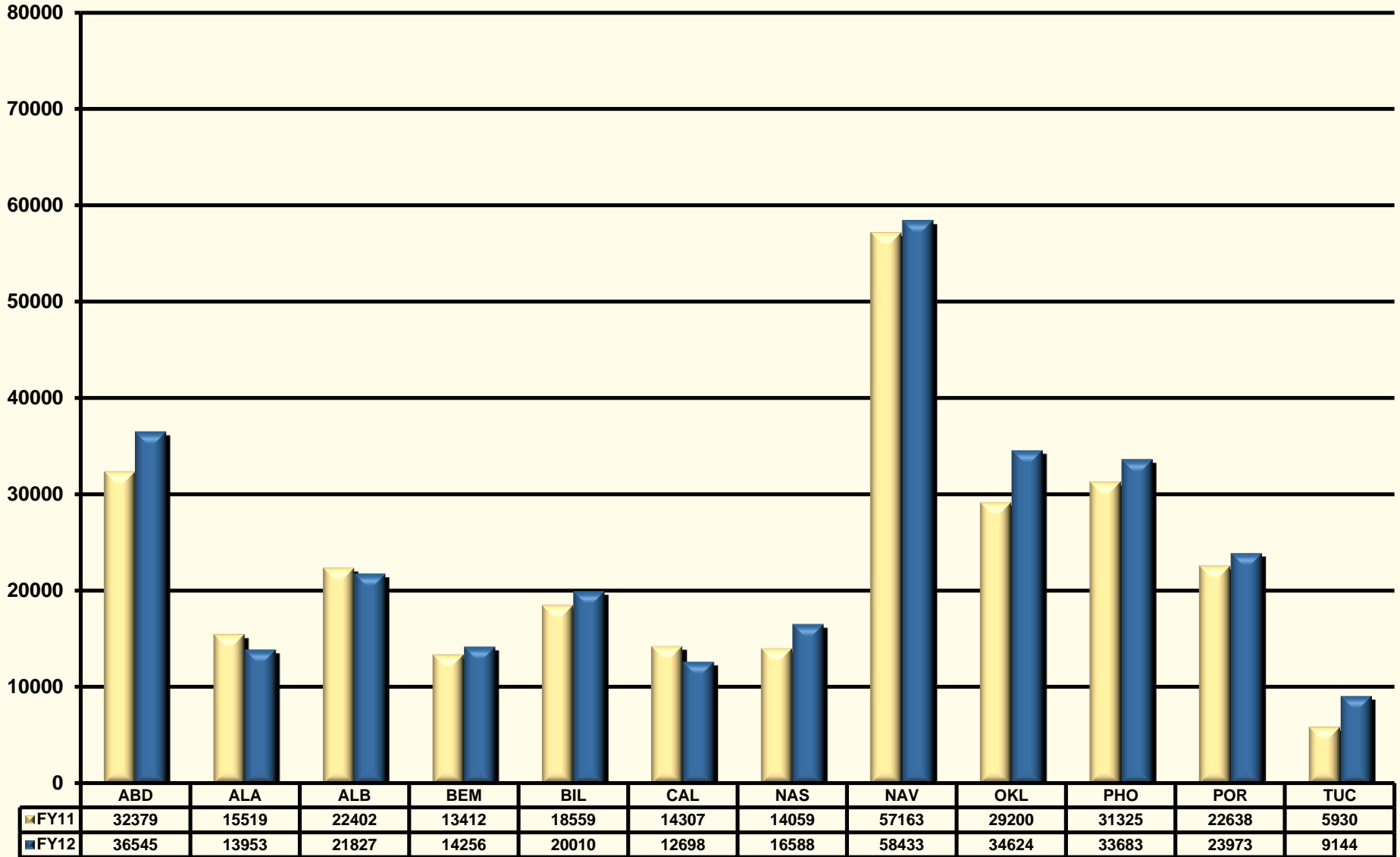


# Dental: Sealants

Number of dental sealants placed in AI/AN patients within the past year.

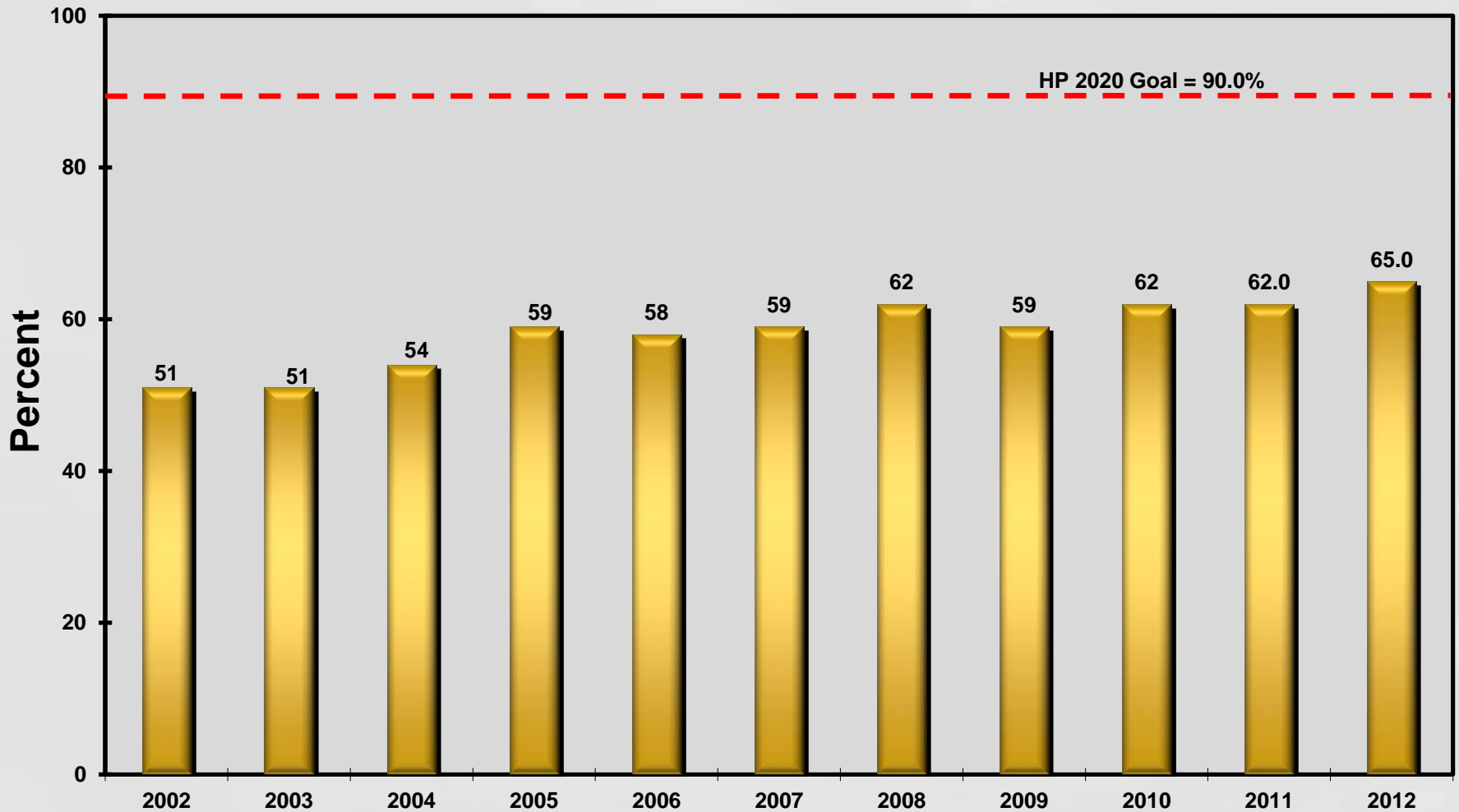


# Dental: Sealants

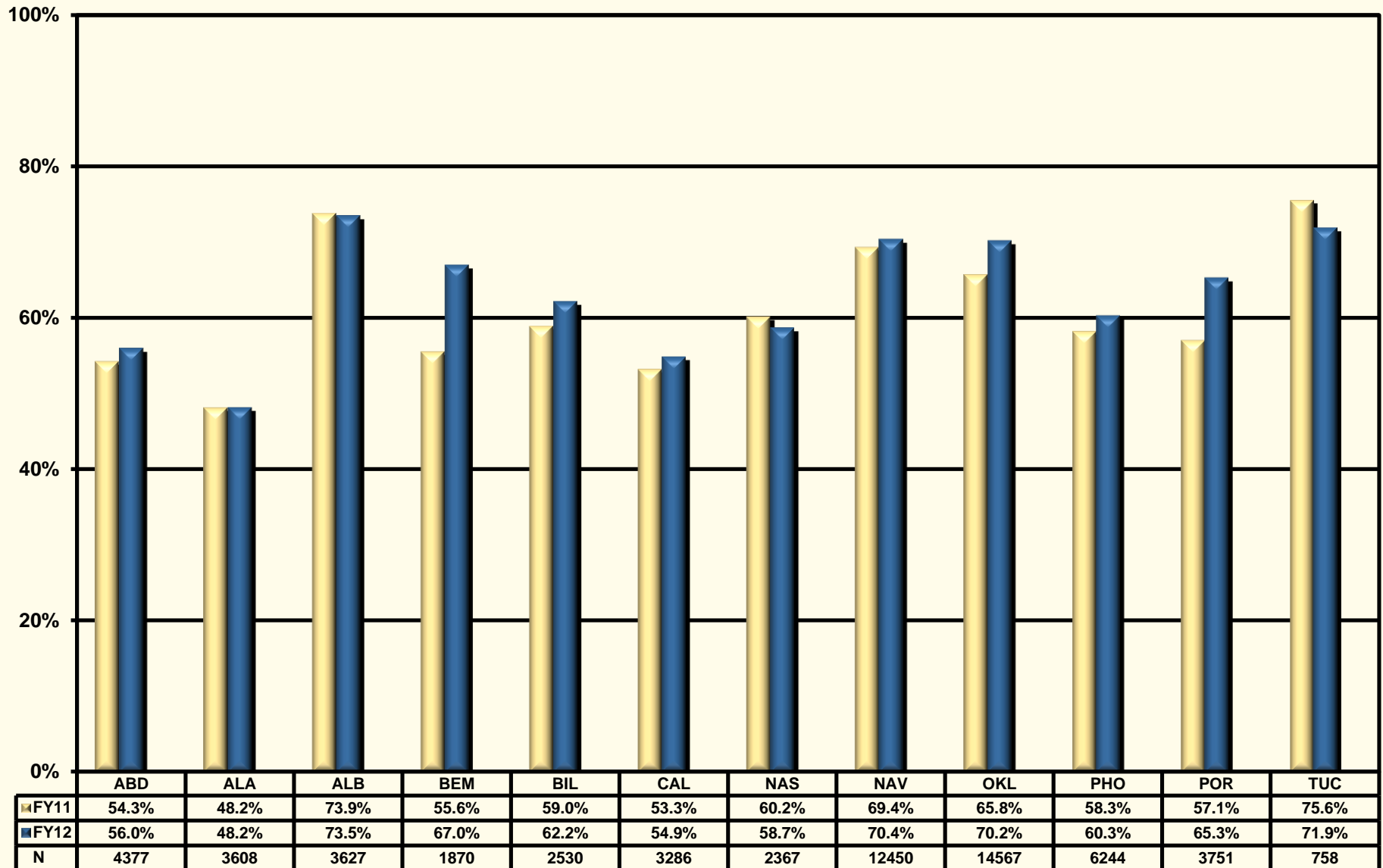


# Immunizations: Influenza

AI/AN patients (age 65+) who have received the influenza vaccine within the past year.

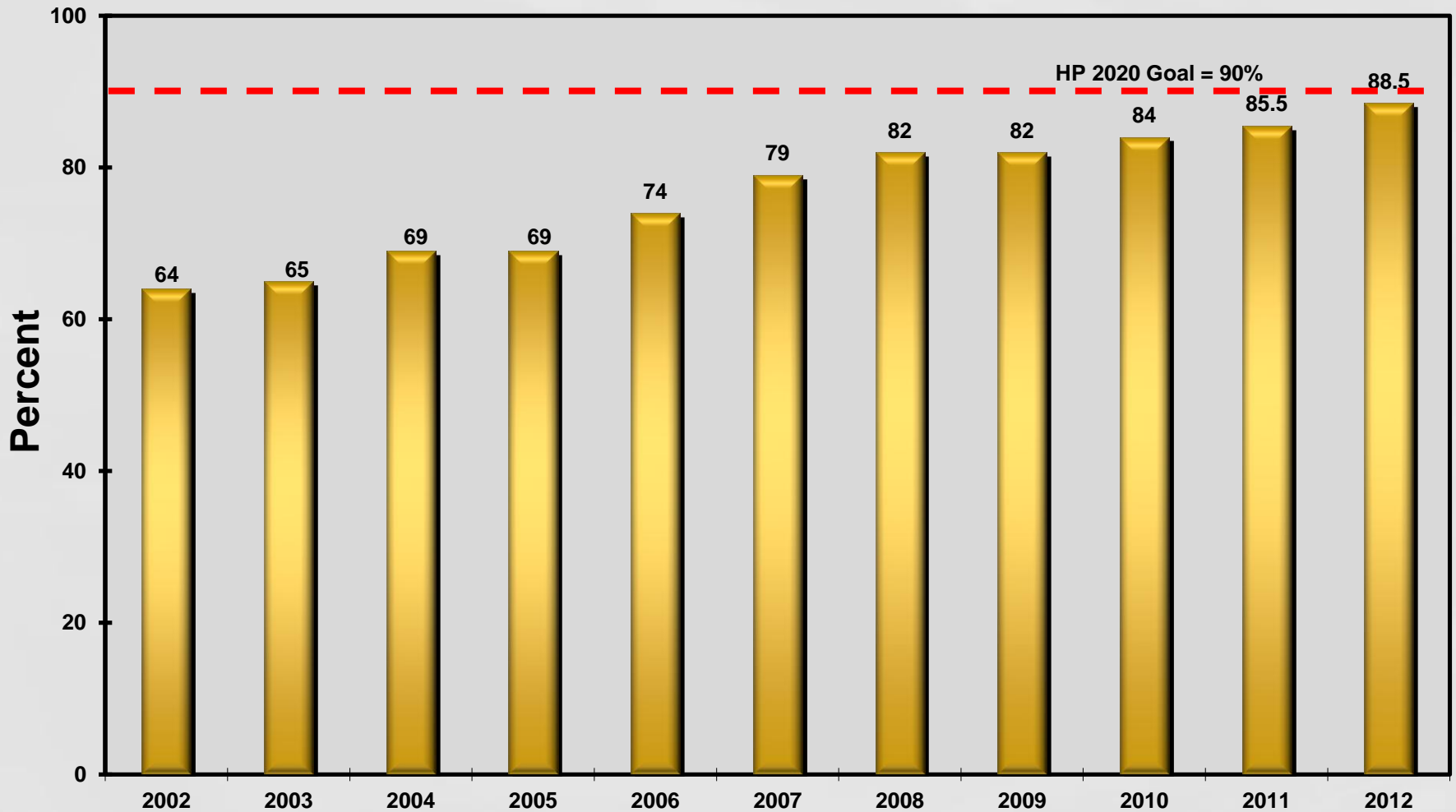


# Immunizations: Influenza (65+)

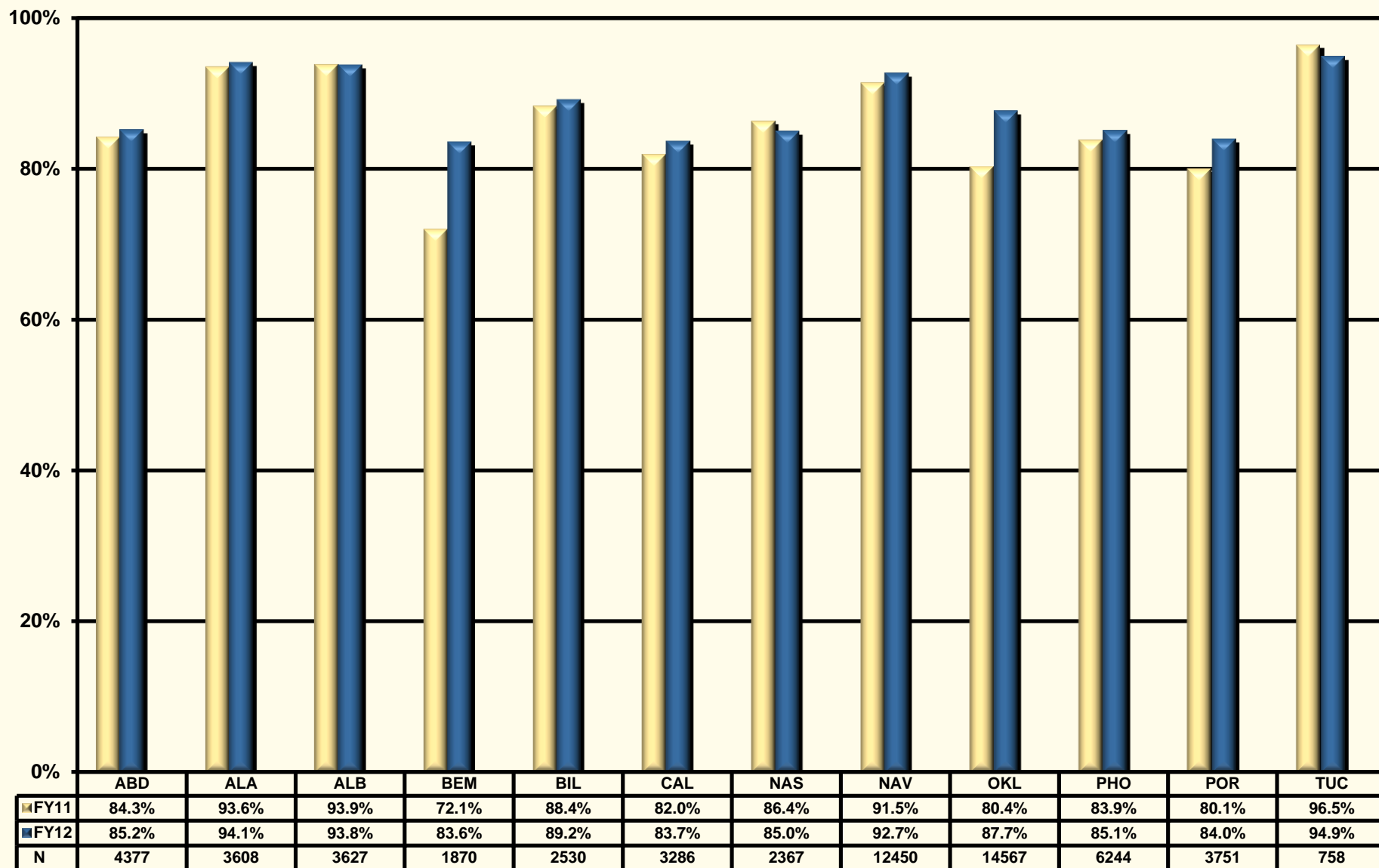


# Immunizations: Pneumococcal

AI/AN patients (age 65+) who have ever received the pneumococcal vaccination.

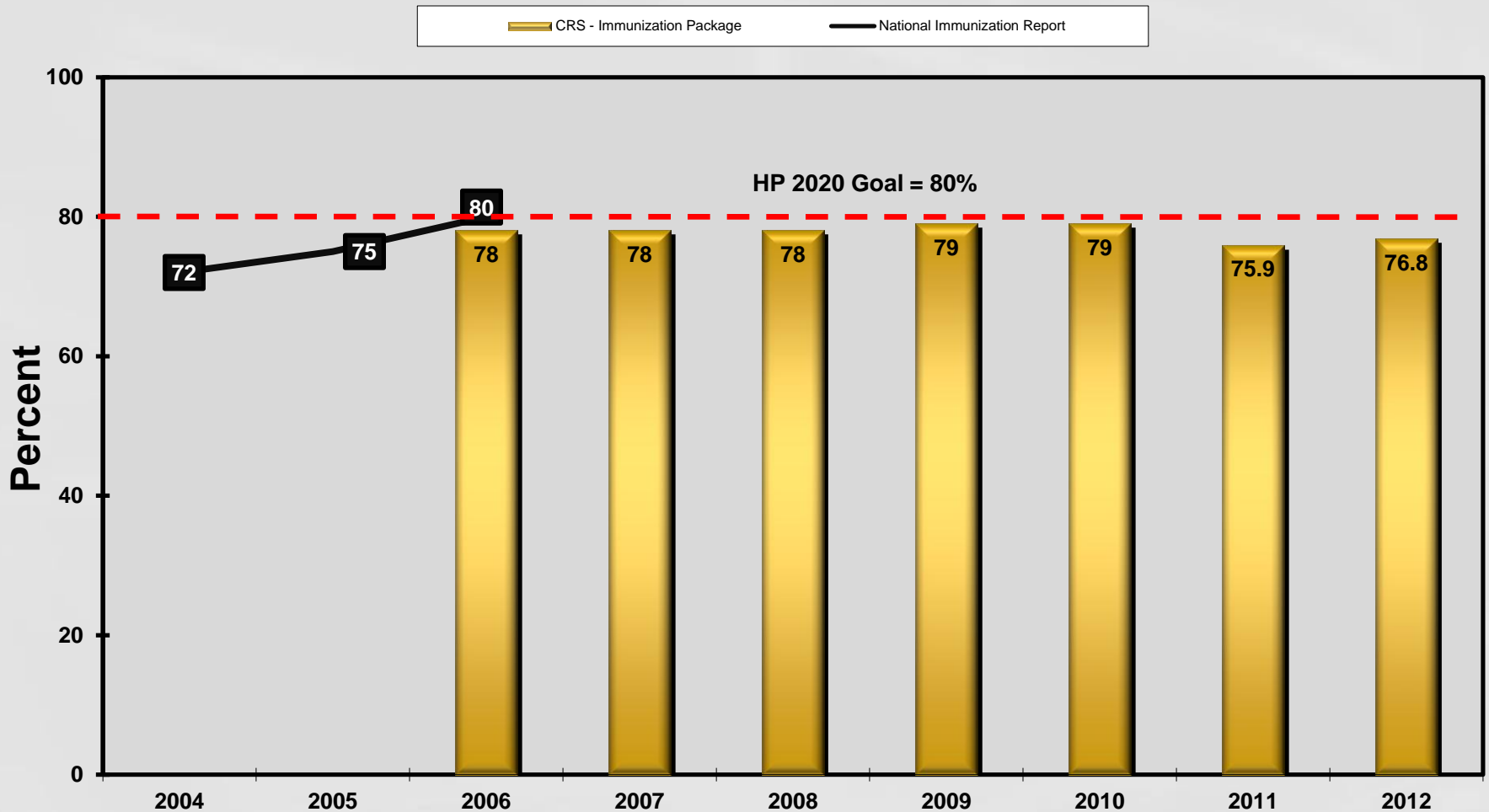


# Immunizations: Pneumococcal (65+)



# Immunizations: Childhood (19-35 months)

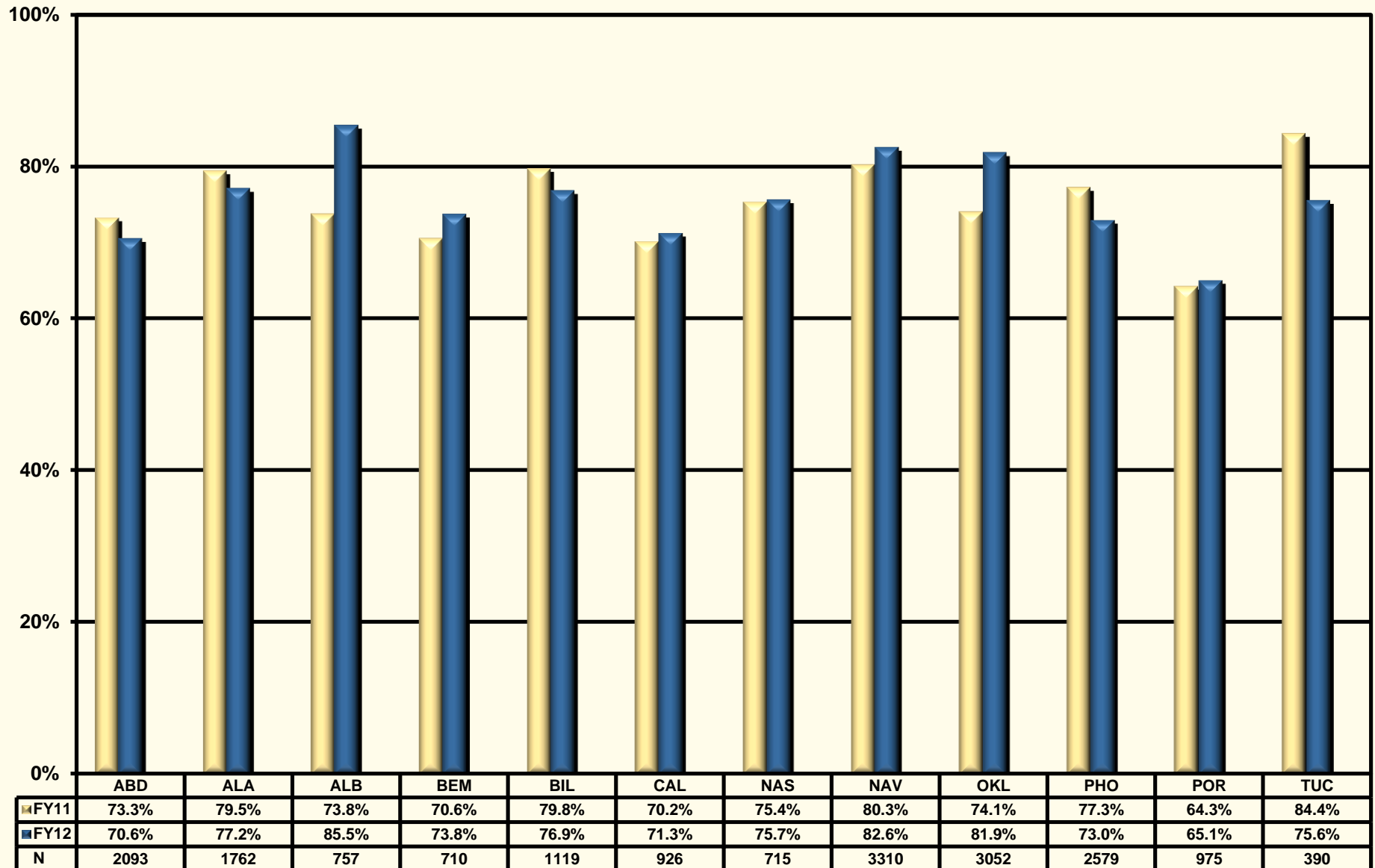
AI/AN patients (age 19-35 months) who have received the combined childhood vaccination series (4:3:1:3:3:1:4\*).



Starting in FY 2007, GPRA results are reported using the CRS Immunization package. Previous results were provided by the National Immunization Program.

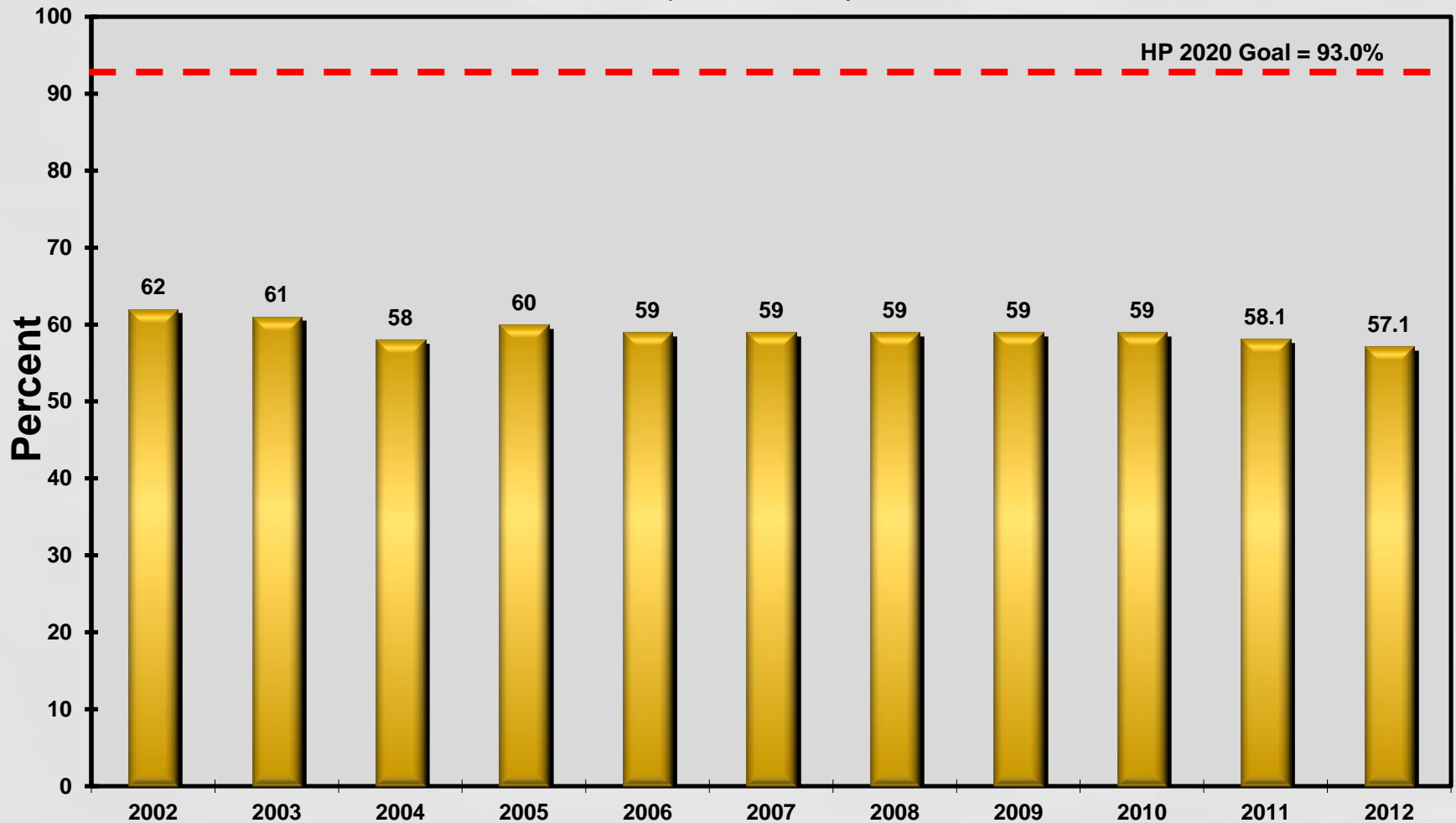


# Immunizations: Childhood (19-35 months)

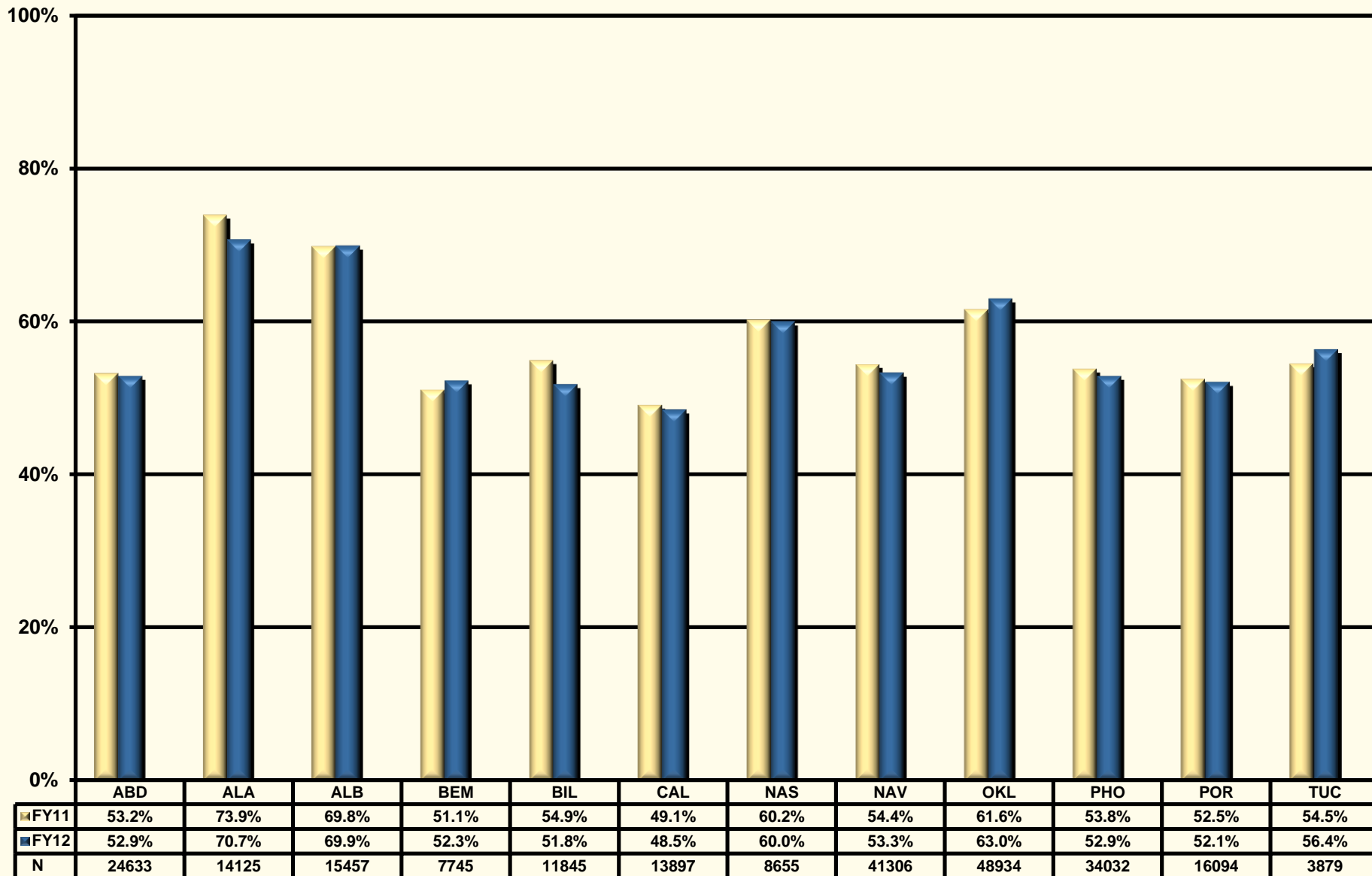


# Cancer Screening: Cervical (Pap Screen)

AI/AN women (age 21-64) who have received a Pap screen within the previous three years.

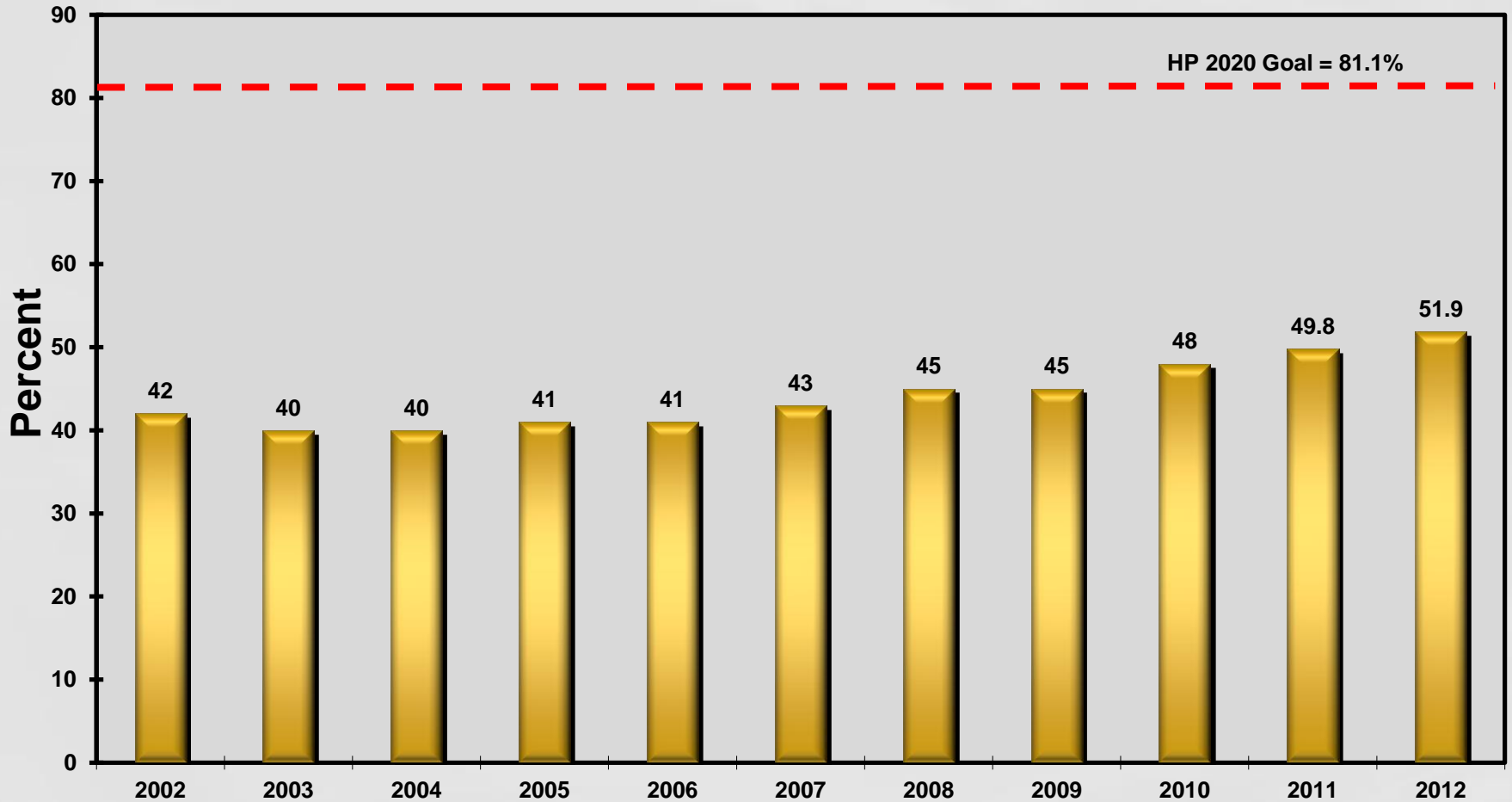


# Cancer Screening: Cervical (Pap Screening)

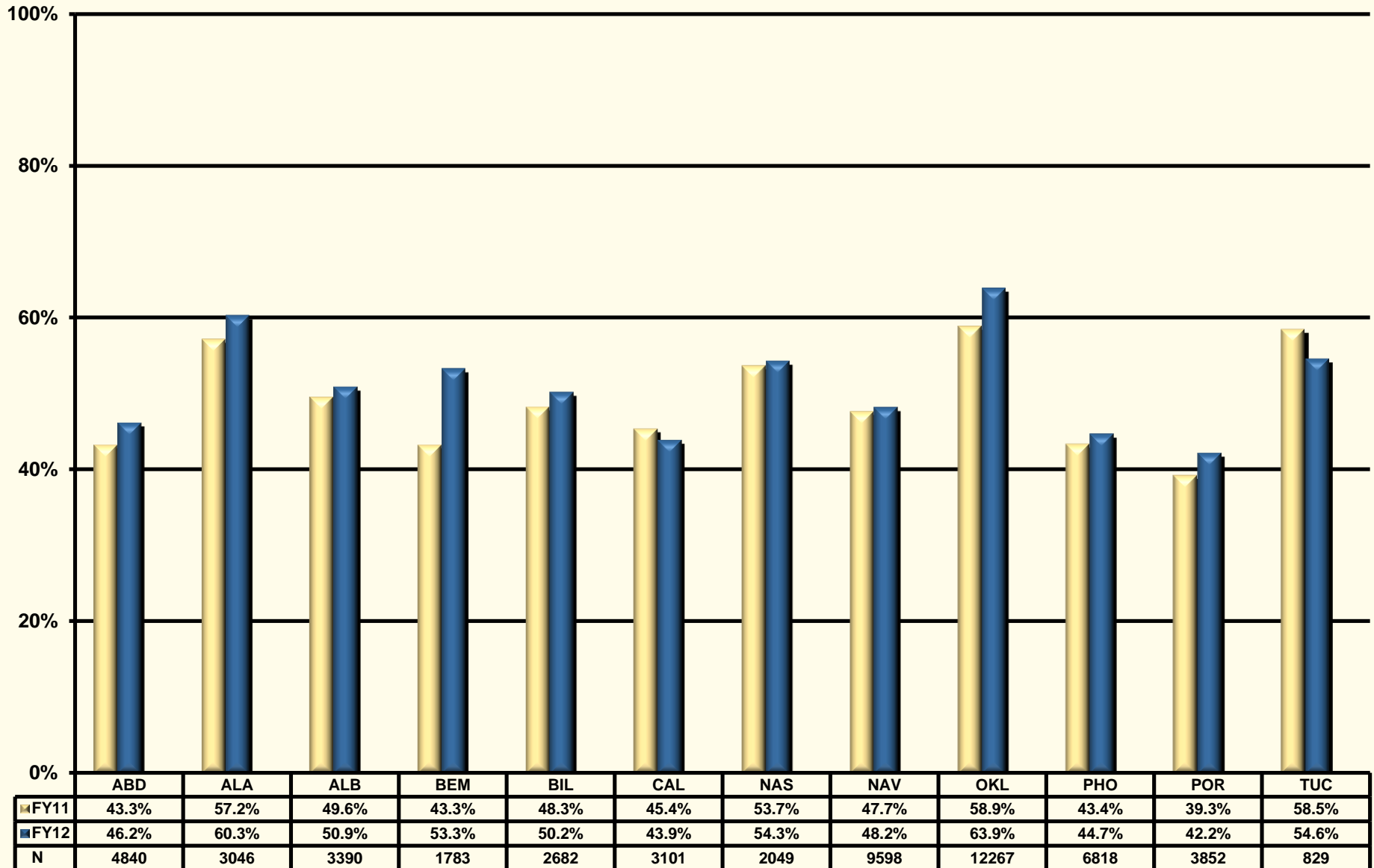


# Cancer Screening: Breast (Mammography)

AI/AN women (age 52-64) who have received mammography screening within the previous two years.

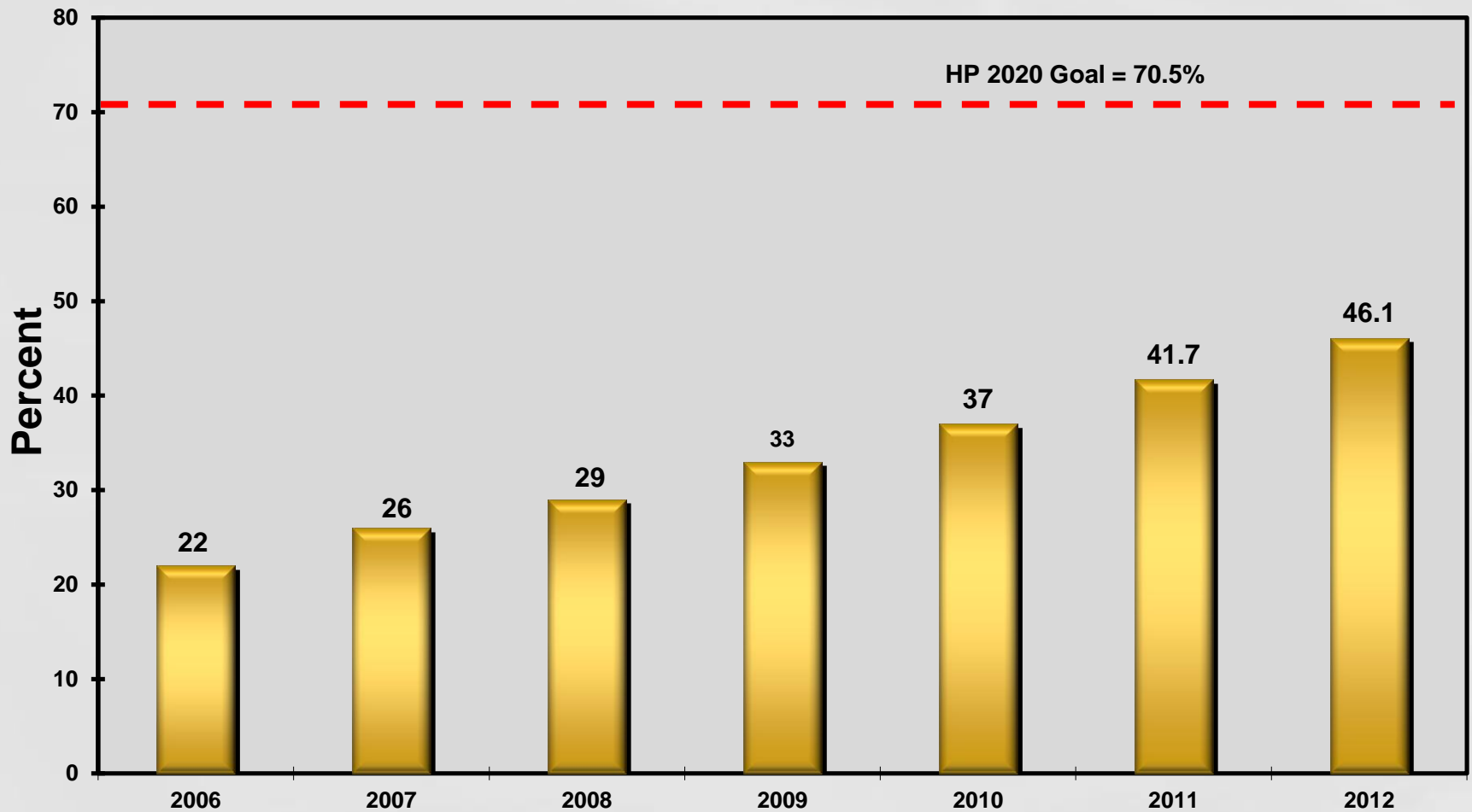


# Cancer Screening: Breast (Mammography)

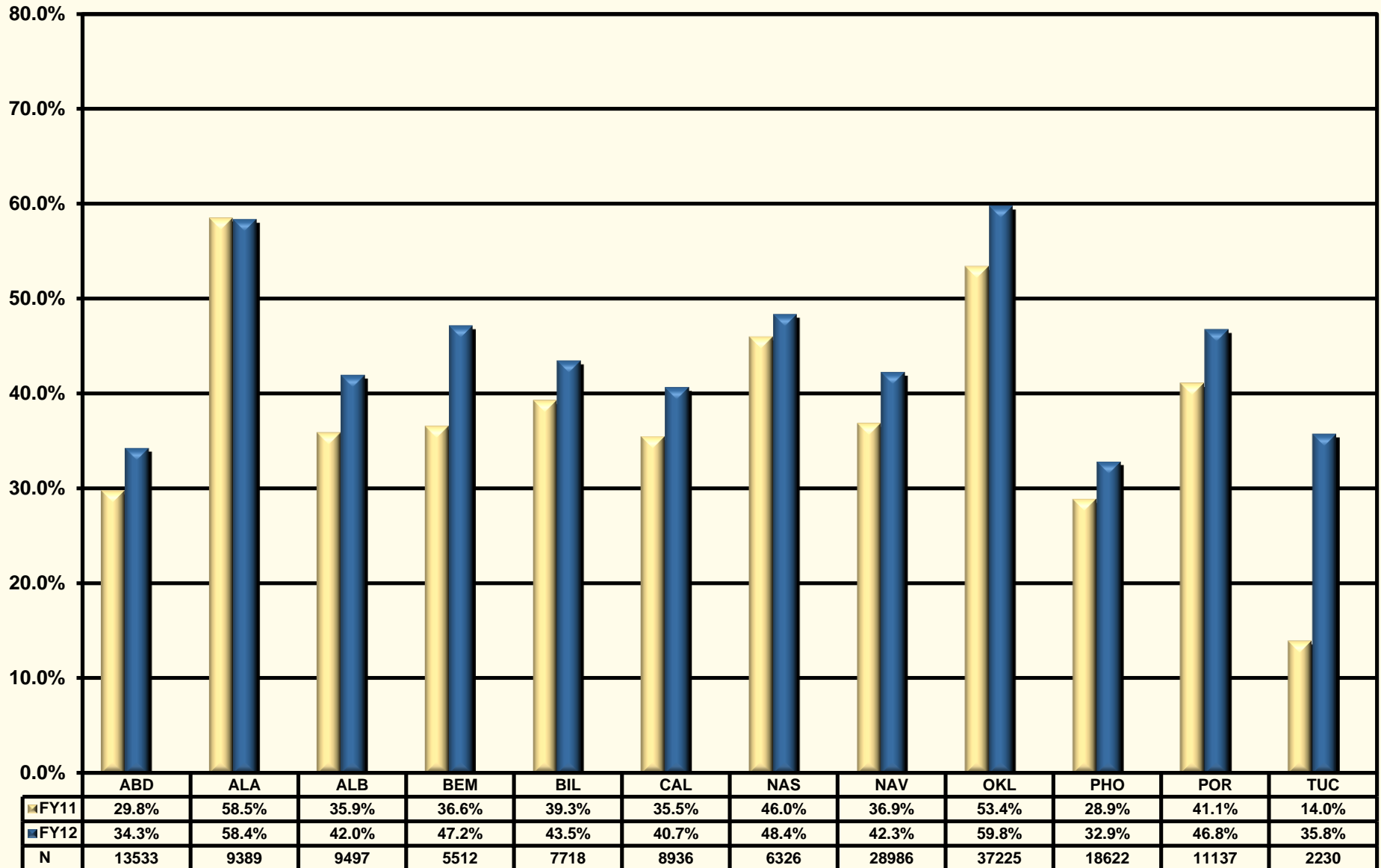


# Cancer Screening: Colorectal

AI/AN patients ages 51-80 who have received appropriate Colorectal Cancer Screening.

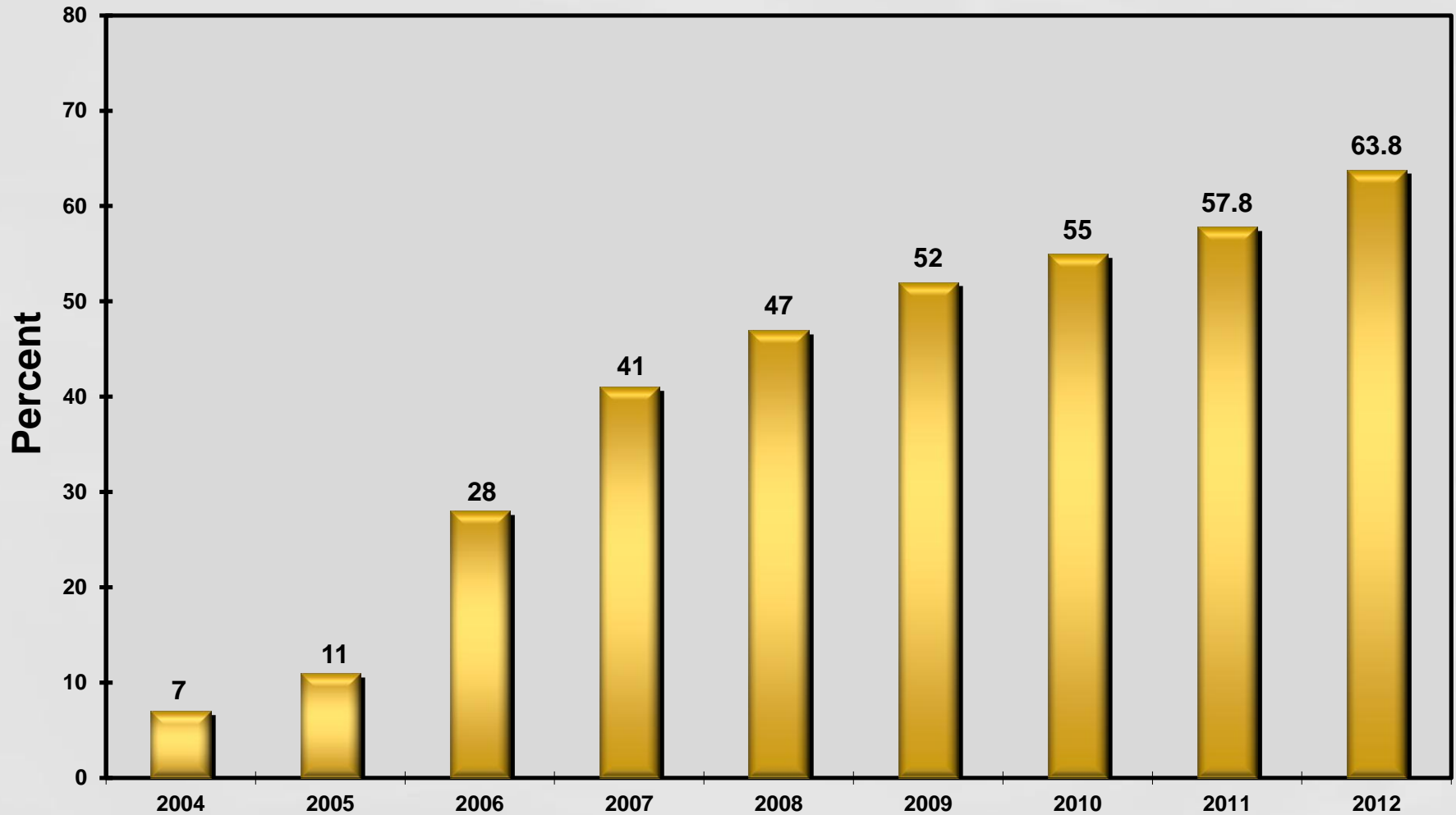


# Cancer Screening: Colorectal



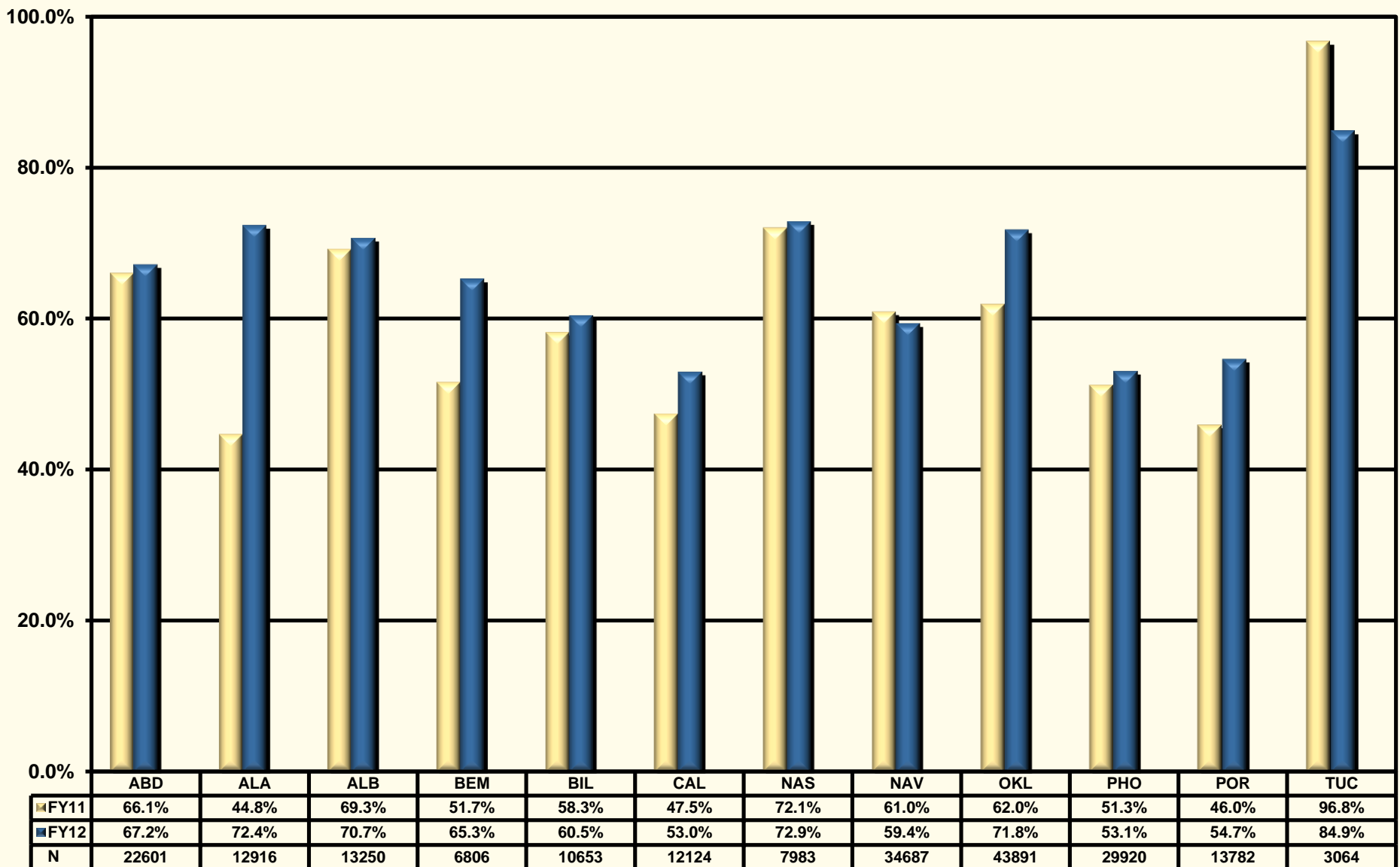
# Alcohol Screening: Fetal Alcohol Syndrome (FAS) Prevention

AI/AN women (age 15-44) who have been screened for alcohol use within the past year.



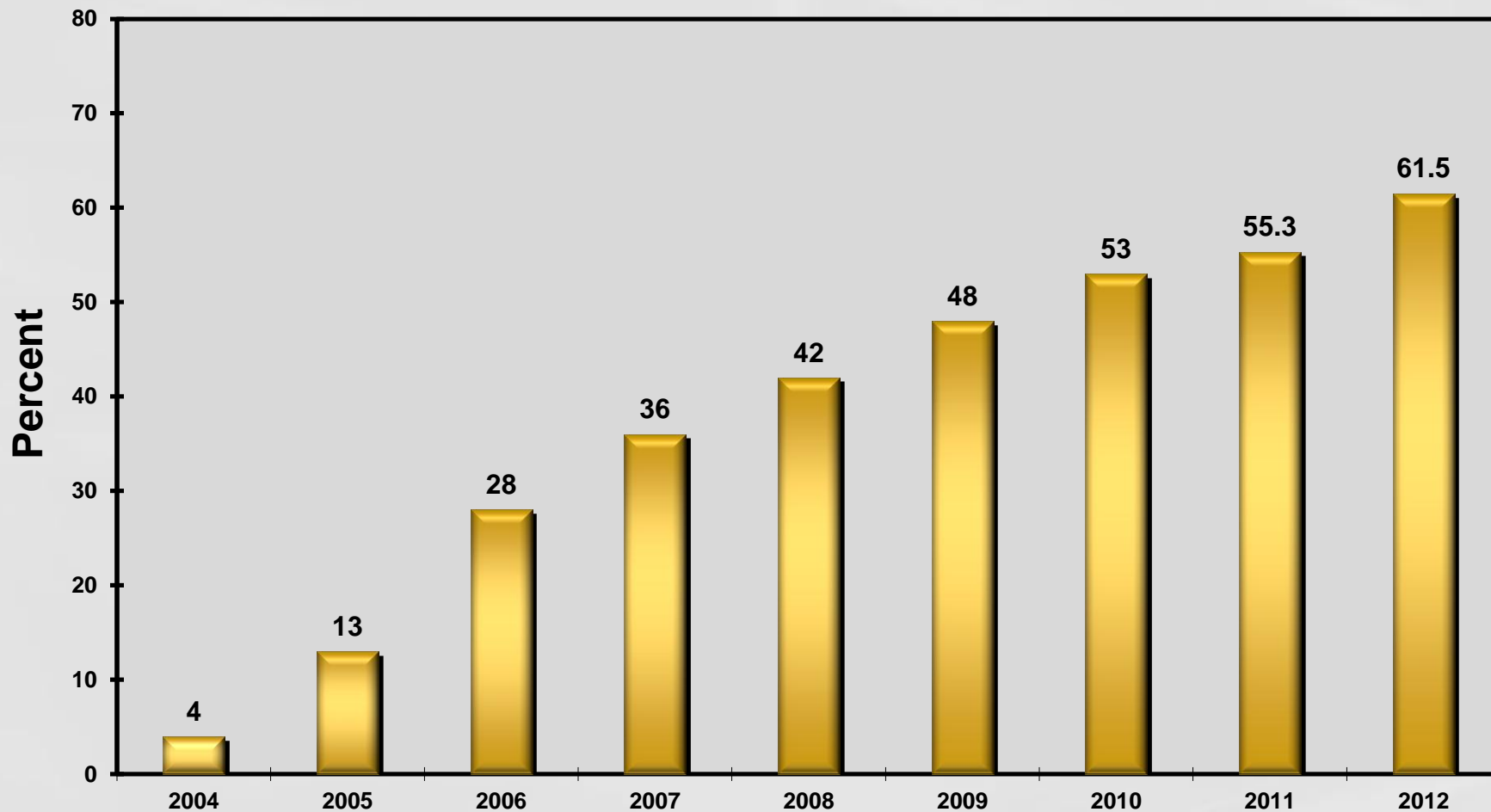


# Alcohol Screening: FAS Prevention

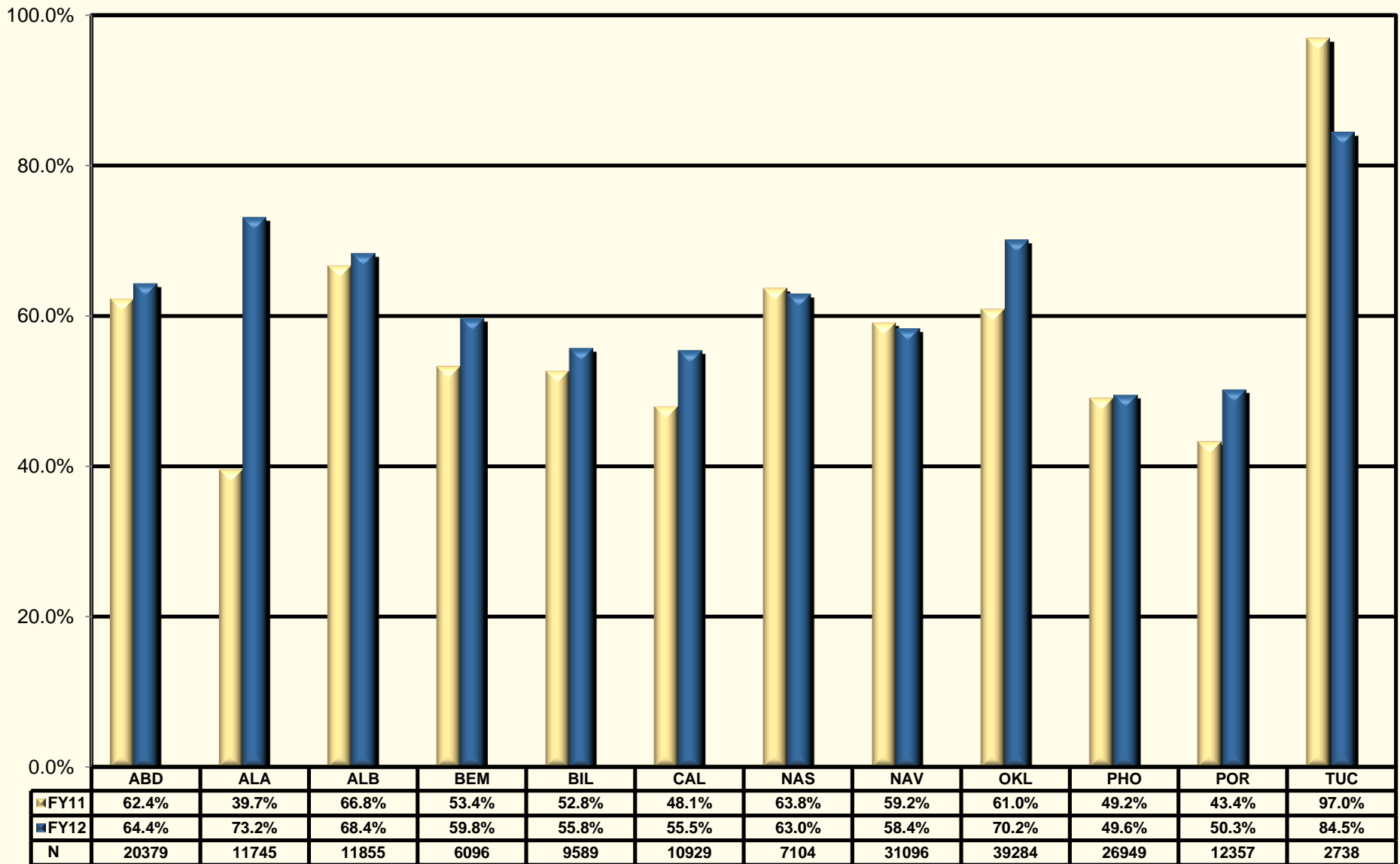


# Domestic Violence/Intimate Partner Violence Screening:

AI/AN women (age 15-40) who were screened for domestic violence /intimate partner violence within the past year.

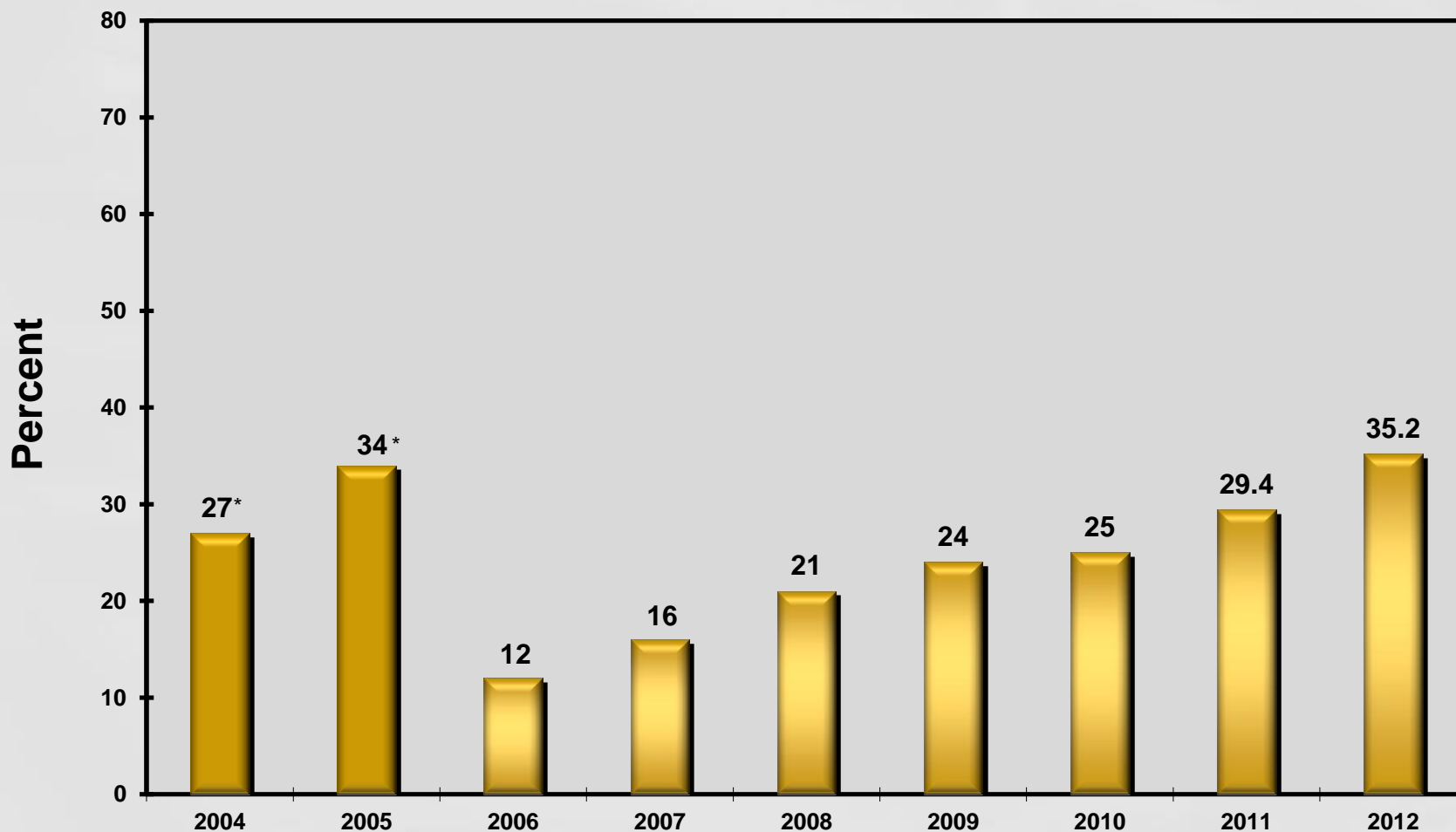


# DV/IPV Screening



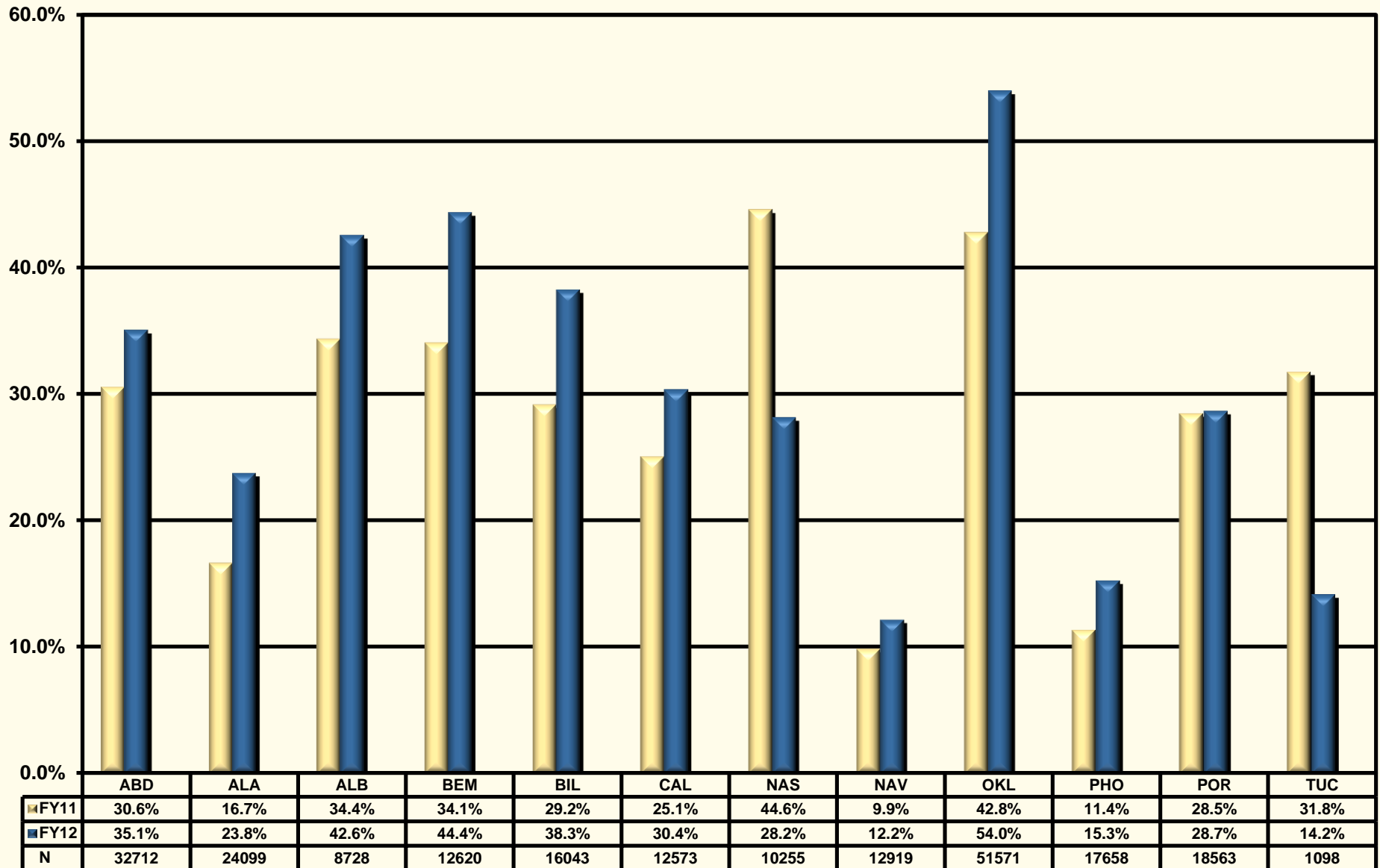
# Tobacco Cessation

Tobacco-using patients who have received tobacco cessation intervention within the past year.



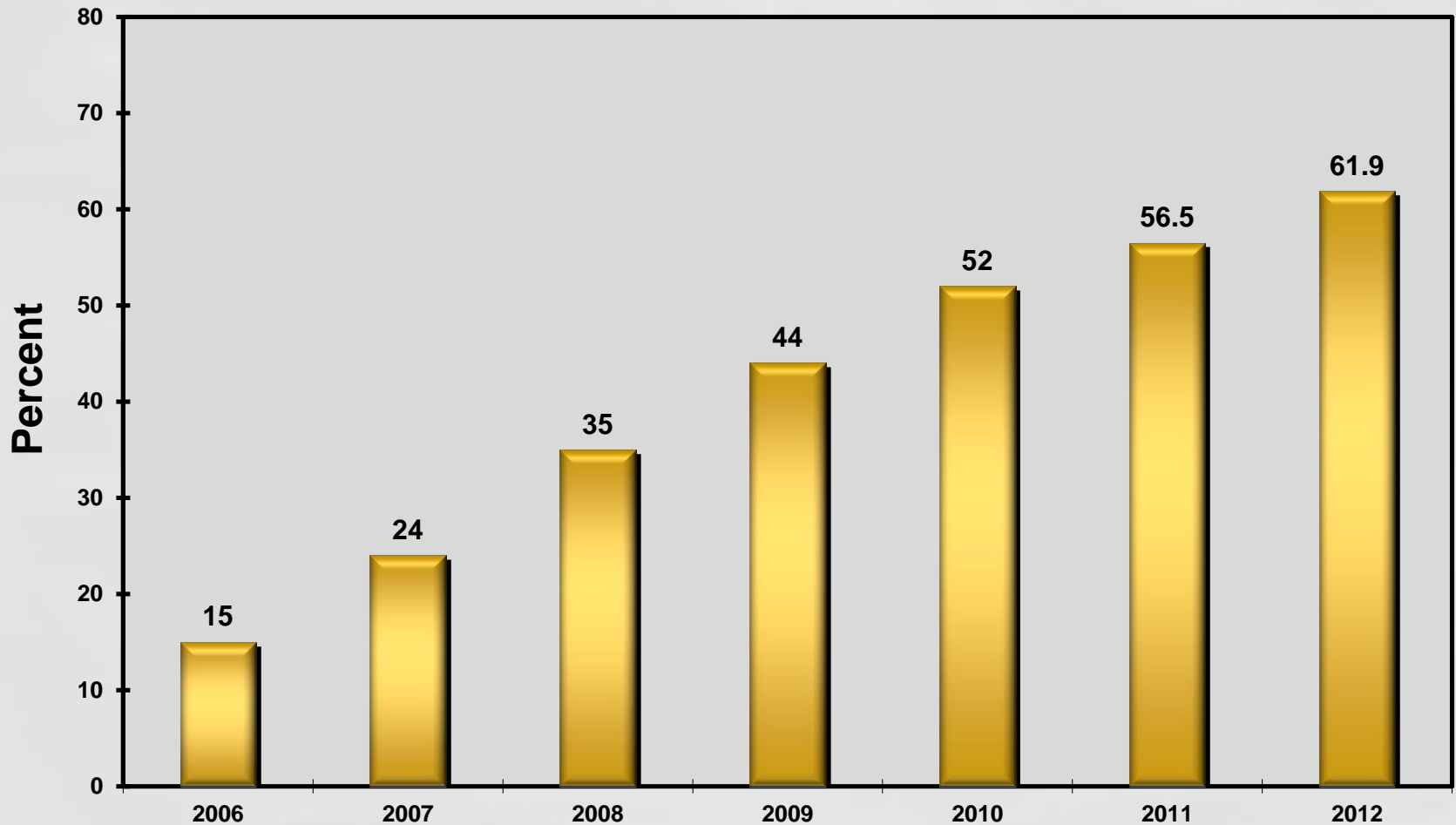
\*2004 & 2005 measure logic: AI/AN patients (age 5+) screened for tobacco use within the past year.

# Tobacco Cessation

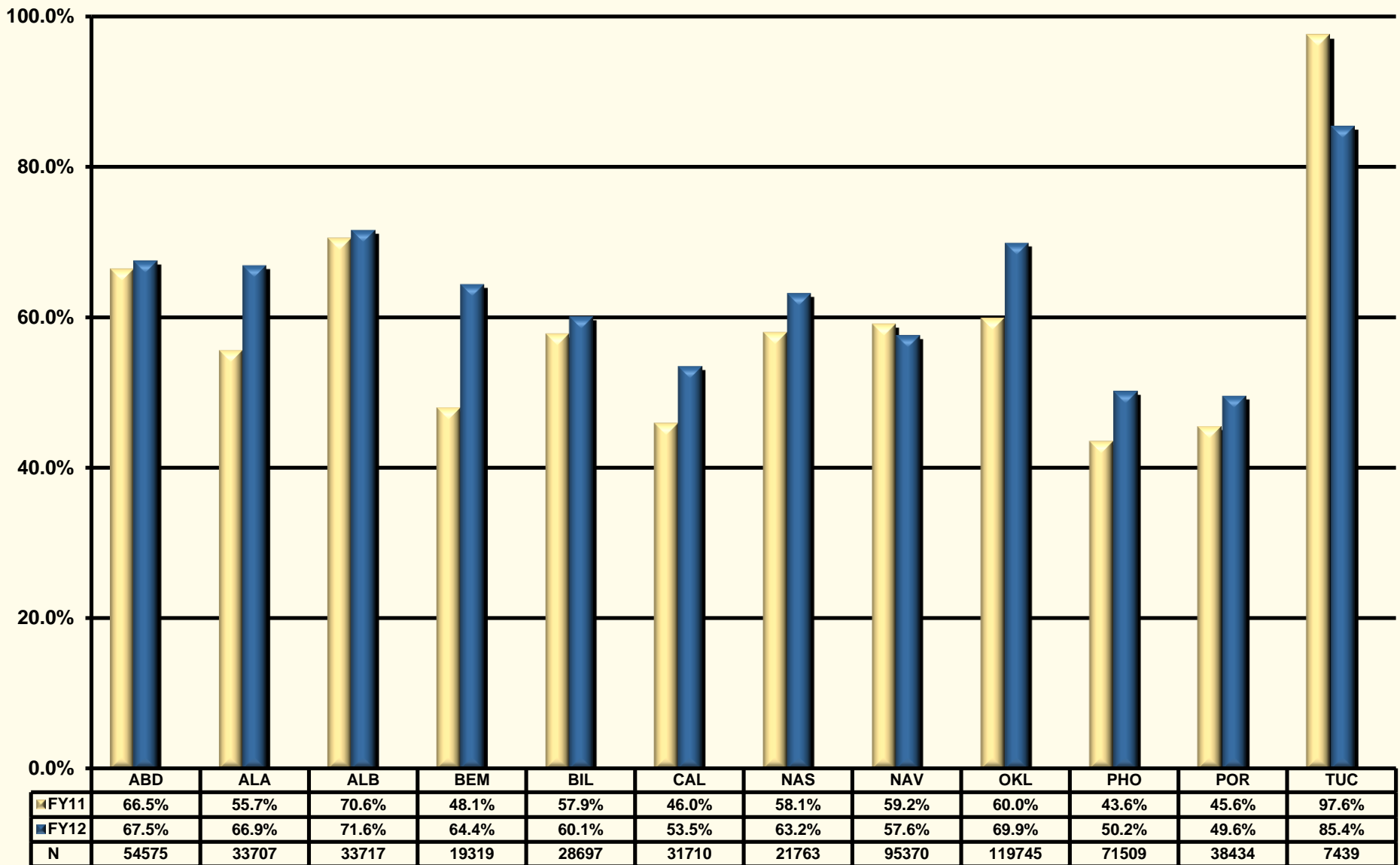


# Depression Screening

AI/AN patients ages 18 and older who have been screened for depression or diagnosed with a mood disorder within the past year.

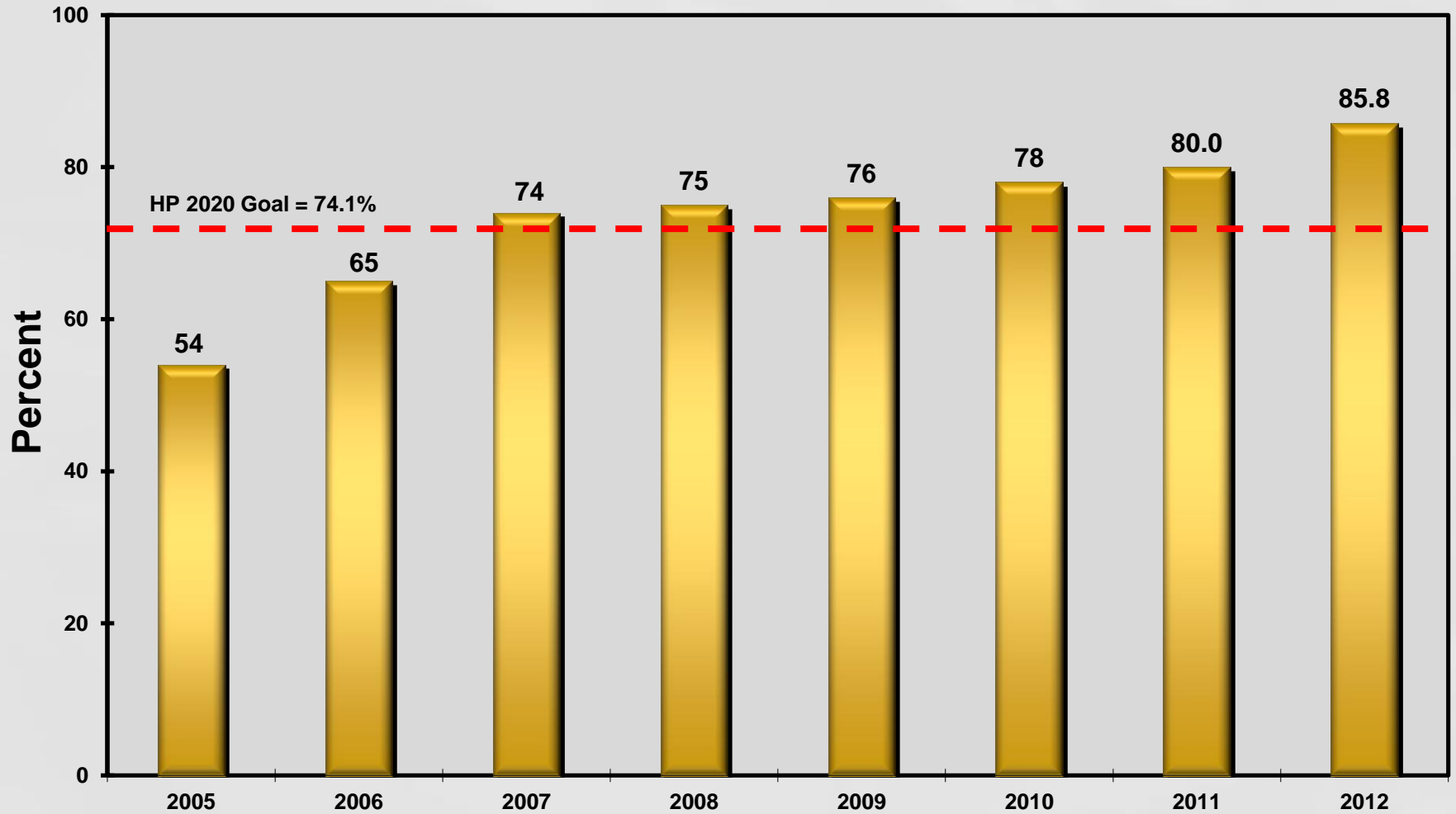


# Depression Screening



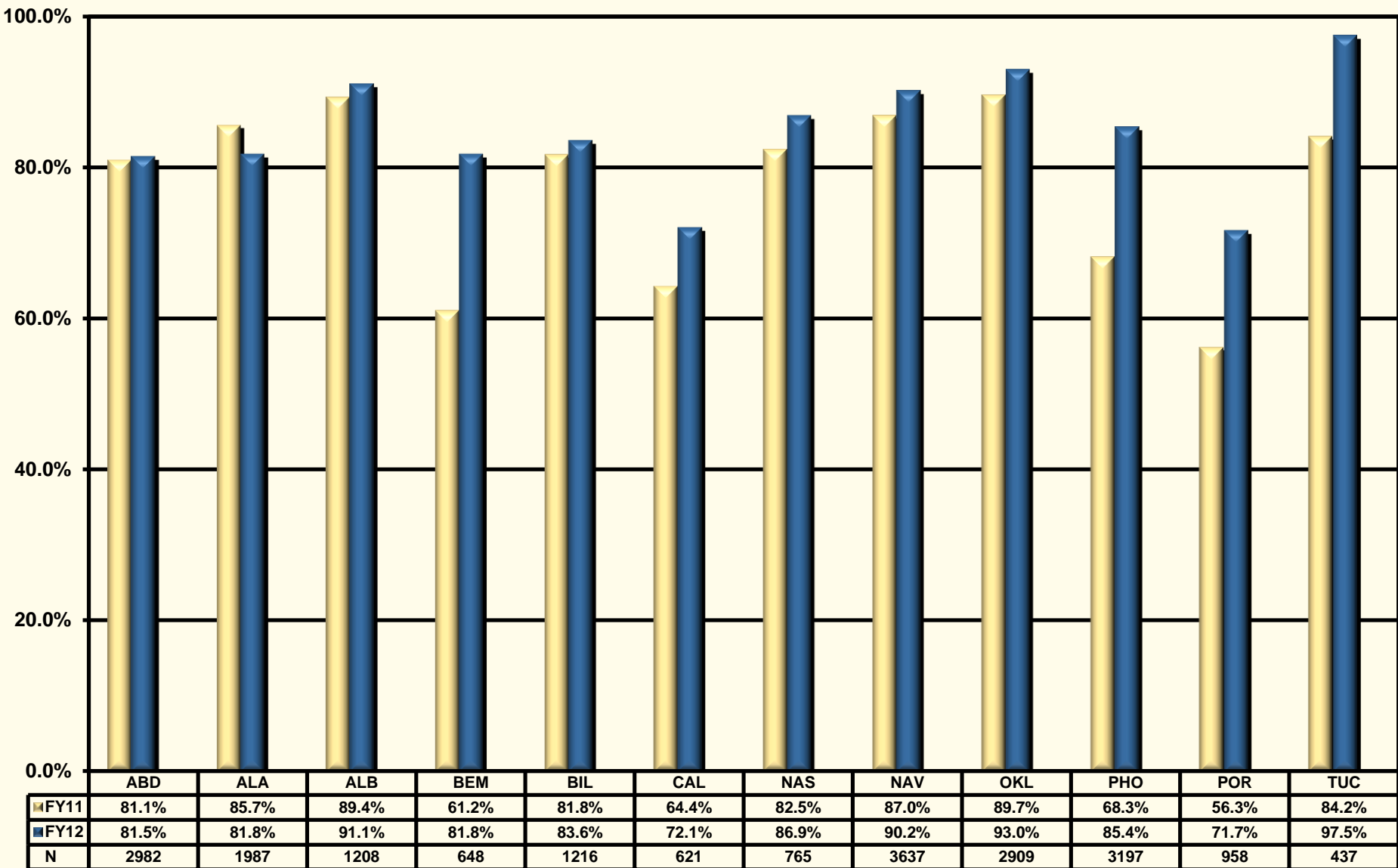
# Prenatal HIV Screening

Pregnant women screened for HIV within the past 20 months.



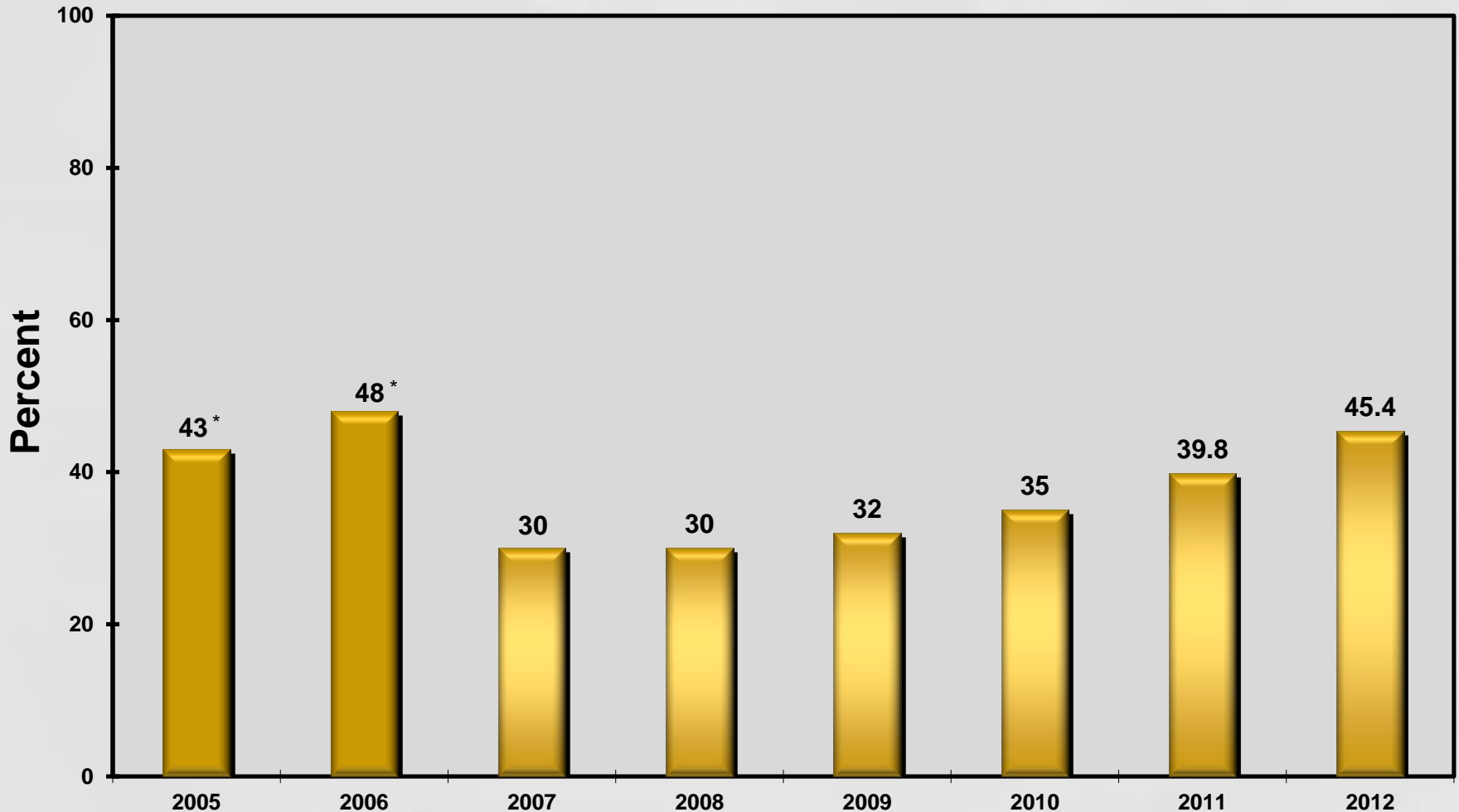


# Prenatal HIV Screening



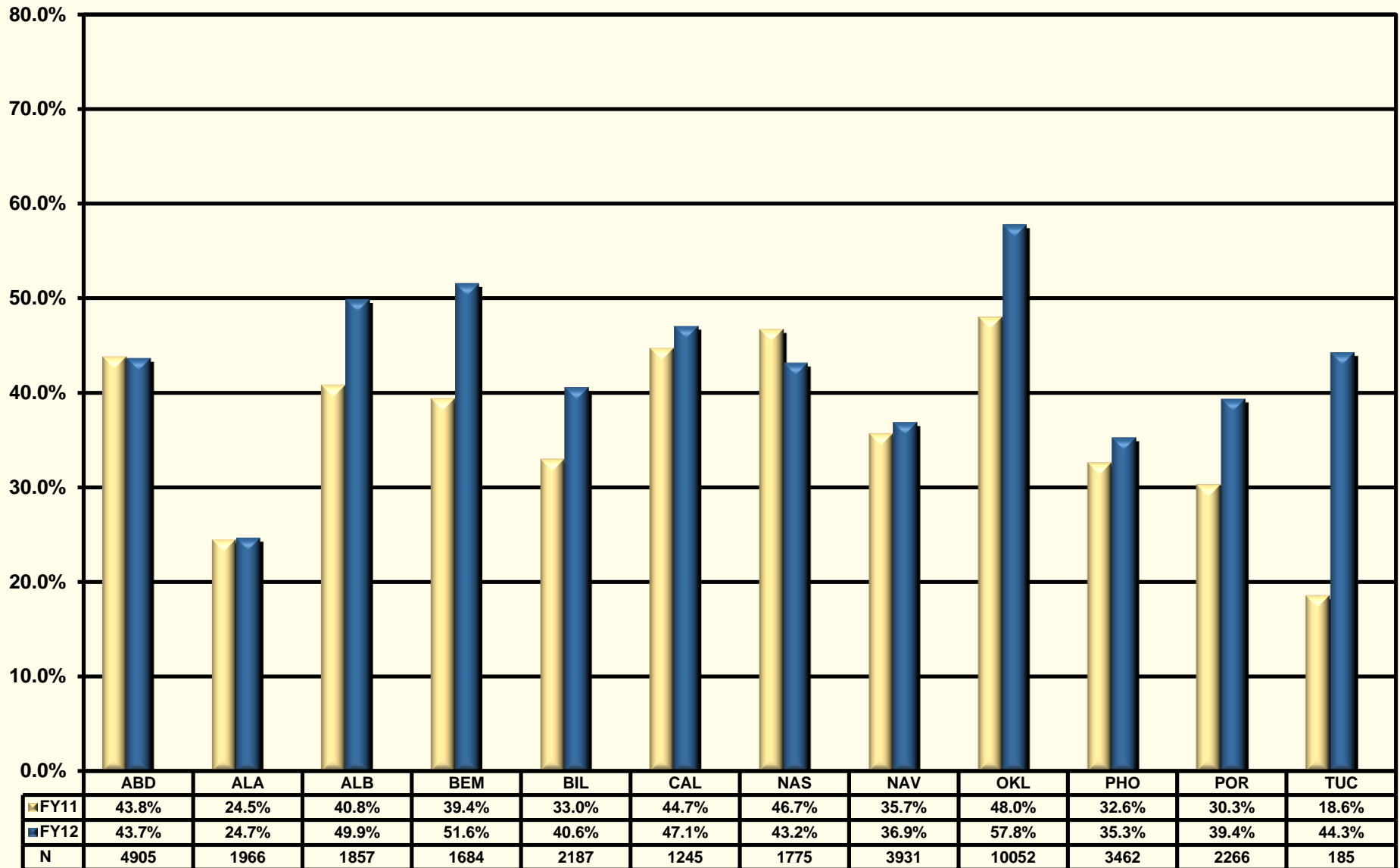
## CVD Prevention: Comprehensive Assessment

Active IHD patients ages 22 and older with a comprehensive assessment: BP, LDL, Tobacco use assessment, body mass index (BMI) calculated, and lifestyle counseling within the past year.



\*2005 & 2006 measure logic: Active AI/AN patients (age 23+) with a documented Cholesterol Screening within the previous 5 years. Results reported in 2007 and after cannot be compared to historical (< 2007) rates.

# Comprehensive CVD Assessment



## 2012 Final National Dashboard (IHS/Tribal)

| DIABETES  | 2011 Target | 2011 Final | 2012 Target | 2012 Final | 2012 Final Results                       |
|---|-------------|------------|-------------|------------|--|
| Poor Glycemic Control                                 | 19.4%       | 19.1%      | 18.6%       | 19.8%      | Not Met <sup>1</sup>                     |
| Ideal Glycemic Control                                | 30.2%       | 31.9%      | 32.7%       | 33.2%      | Met <sup>2</sup>                         |
| Controlled BP <130/80                                 | 35.9%       | 37.8%      | 38.7%       | 38.9%      | Met: Baseline in 2013 <sup>3</sup>       |
| LDL (Cholesterol) Assessed                            | 63.3%       | 68.7%      | 70.3%       | 71.0%      | Met: Baseline in 2013                    |
| Nephropathy Assessed                                  | 51.9%       | 56.5%      | 57.8%       | 66.7%      | Met                                      |
| Retinopathy Exam                                      | 50.1%       | 53.5%      | 54.8%       | 55.7%      | Met                                      |
| DENTAL  |             |            |             |            |  |
| Dental: General Access                                | 23.0%       | 26.9%      | 26.9%       | 28.8%      | Met                                      |
| Sealants  | 257,261     | 276,893    | 276,893     | 295,734    | Met: Baseline in 2013 <sup>3</sup>       |
| Topical Fluoride – Patients                           | 135,604     | 161,461    | 161,461     | 169,083    | Met: Baseline in 2013 <sup>3</sup>       |
| IMMUNIZATIONS   |             |            |             |            |  |
| Influenza 65+   | 58.5%       | 62.0%      | 63.4%       | 65.0%      | Met                                      |
| Pneumovax 65+   | 79.3%       | 85.5%      | 87.5%       | 88.5%      | Met                                      |
| Childhood Iz  | 74.6%       | 75.9%      | 77.8%       | 76.8%      | Not Met: Baseline in 2013 <sup>2</sup>   |
| PREVENTION  |             |            |             |            |  |
| (Cervical) Pap Screening                              | 55.7%       | 58.1%      | 59.5%       | 57.1%      | Not Met: Baseline in 2013 <sup>2,4</sup> |
| Mammography Screening                                 | 46.9%       | 49.8%      | 51.7%       | 51.9%      | Met                                      |
| Colorectal Cancer Screening                           | 36.7%       | 41.7%      | 43.2%       | 46.1%      | Met: Baseline in 2013 <sup>2</sup>       |
| Tobacco Cessation                                     | 23.7%       | 29.4%      | 30.0%       | 35.2%      | Met: Baseline in 2013 <sup>3</sup>       |
| Alcohol Screening <small>(EAS Prevention)</small>     | 51.7%       | 57.8%      | 58.7%       | 63.8%      | Met                                      |
| DV/IPV Screening                                      | 52.8%       | 55.3%      | 55.3%       | 61.5%      | Met                                      |
| Depression Screening                                  | 51.9%       | 56.5%      | 56.5%       | 61.9%      | Met                                      |
| CVD-Comprehensive Assessment                          | 33.0%       | 39.8%      | 40.6%       | 45.4%      | Met                                      |
| Prenatal HIV Screening                                | 73.6%       | 80.0%      | 81.8%       | 85.8%      | Met                                      |
| Childhood Weight Control                              | N/A         | 24.1%      | N/A         | 24.0%      | Discontinued in 2013                     |
| Breastfeeding Rates                                   | N/A         | N/A        | N/A         | N/A        | To be added in 2013                      |
| Public Health Nursing Encounters                      | 454,679     | 447,642    | 424,203     | Pending    | N/A                                      |
| Suicide Surveillance <small>(forms completed)</small> | 1,784       | 1,930      | 1,807       | Pending    | N/A                                      |

<sup>1</sup>Not met, but measure eliminated to focus on "Good Glycemic Control" next year.

<sup>2</sup>Measure revised in 2013 according to new standard of care.

<sup>3</sup>Measure logic revised for 2013.

<sup>4</sup>Frequency of screening has changed from 2012 to 2013 which needs a new baseline in 2013.

**Measures Met: 18**

**Measures Not Met: 3**

**Measures Pending: 2**