

Indian Health Service (IHS) GPRA Performance Results

FY 2010 Government Performance and Results Act (GPRA)

Introduction

- 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

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

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 2010 Results Summary

- **22 GPRA Clinical Measures were reported in FY 2010***
 - **All clinical measures either improved over or equaled their FY 2009 performance**
 - **11 of 22 clinical measures met their targets in 2010 (50%) compared to 20 of 21 in 2009 (95%)**

*Childhood Weight Control became a long-term measure in FY 2009, but was reported in FY 2010.

GPRA 2010 Results Summary

- All 22 GPRA clinical measures improved over or maintained 2009 performance levels
 - All 11 measures that met targets improved over FY 2009 performance
 - Of the 11 measures that did not meet their targets in FY 2010:
 - 5 maintained their FY 2009 performance
 - 6 improved over their FY 2009 performance

GPRA 2010 Results Summary

- **Performance Highlights**
 - Nephropathy Assessment and DV/IPV Screening improved by 5 percentage points over FY 09 rates, and Colorectal Cancer Screening improved by 4 percentage points
 - Depression Screening improved by 8 percentage points over FY 09 (but did not meet target)
 - Dental Sealants improved by a relative 7 percent, Topical Fluorides improved by a relative 6 percent, over FY 09 rates

GPRA 2010 Results Summary

Measures that met their targets

<u>Measure</u>	<u>FY 2010 Result</u>	<u>Target</u>
Nephropathy Assessed	55%	54%
Pneumovax 65+	84%	83%
Influenza 65+	62%	60%
Mammography Screening	48%	47%
Colorectal Cancer Screening	37%	36%
Alcohol Screening	55%	55%
DV/IPV Screening	53%	53%
CVD Comprehensive	35%	33%
Prenatal HIV Screening	78%	77%
Dental Sealants	275,459	257,920
Topical Fluorides	145,181	136,978

GPRA 2010 Results Summary

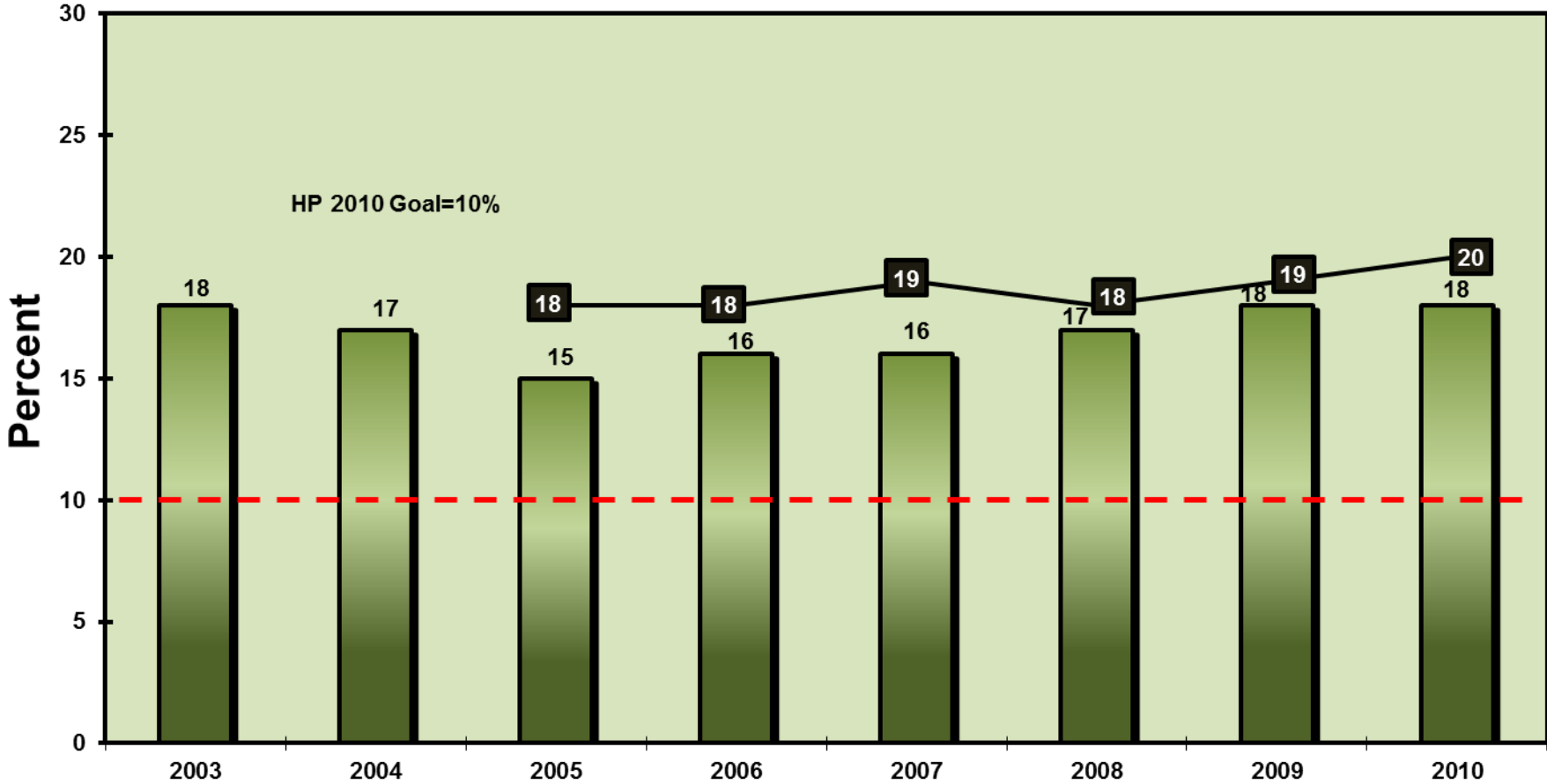
Measures that did not meet their targets

<u>Measure</u>	<u>FY 2010 Result</u>	<u>Target</u>
Poor Glycemic Control	18%	16%
Ideal Glycemic Control	32%	33%
Controlled BP <130/80	38%	40%
LDL Assessed	67%	69%
Retinopathy Exam	53%	55%
Dental Access	25%	27%
Childhood Iz	79%	80%
Pap Screening	59%	60%
Tobacco Cessation	25%	27%
Depression Screening	52%	53%
Childhood Weight Control	25%	24%

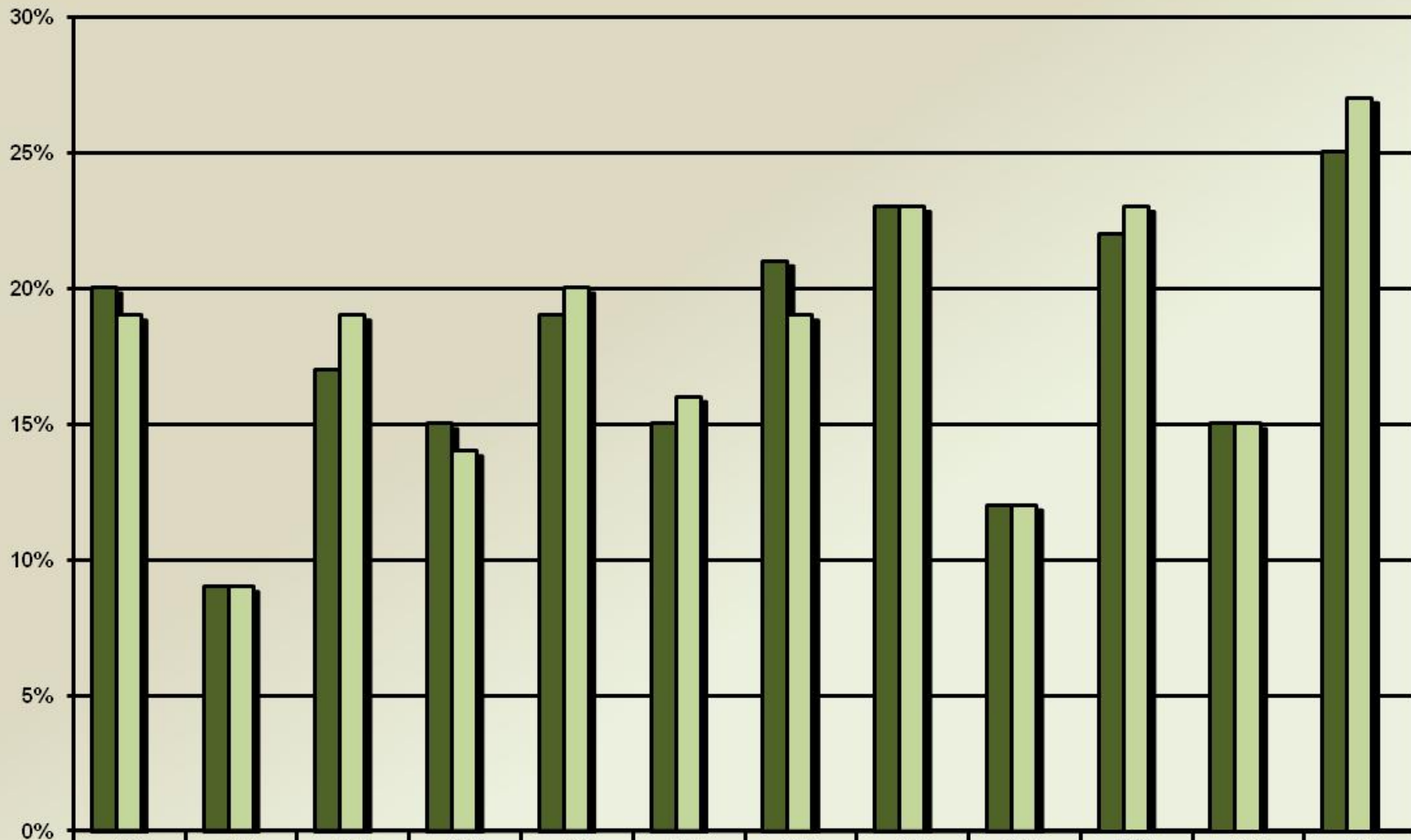
Diabetes: Poor Glycemic Control

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

CRS Diabetes Audit



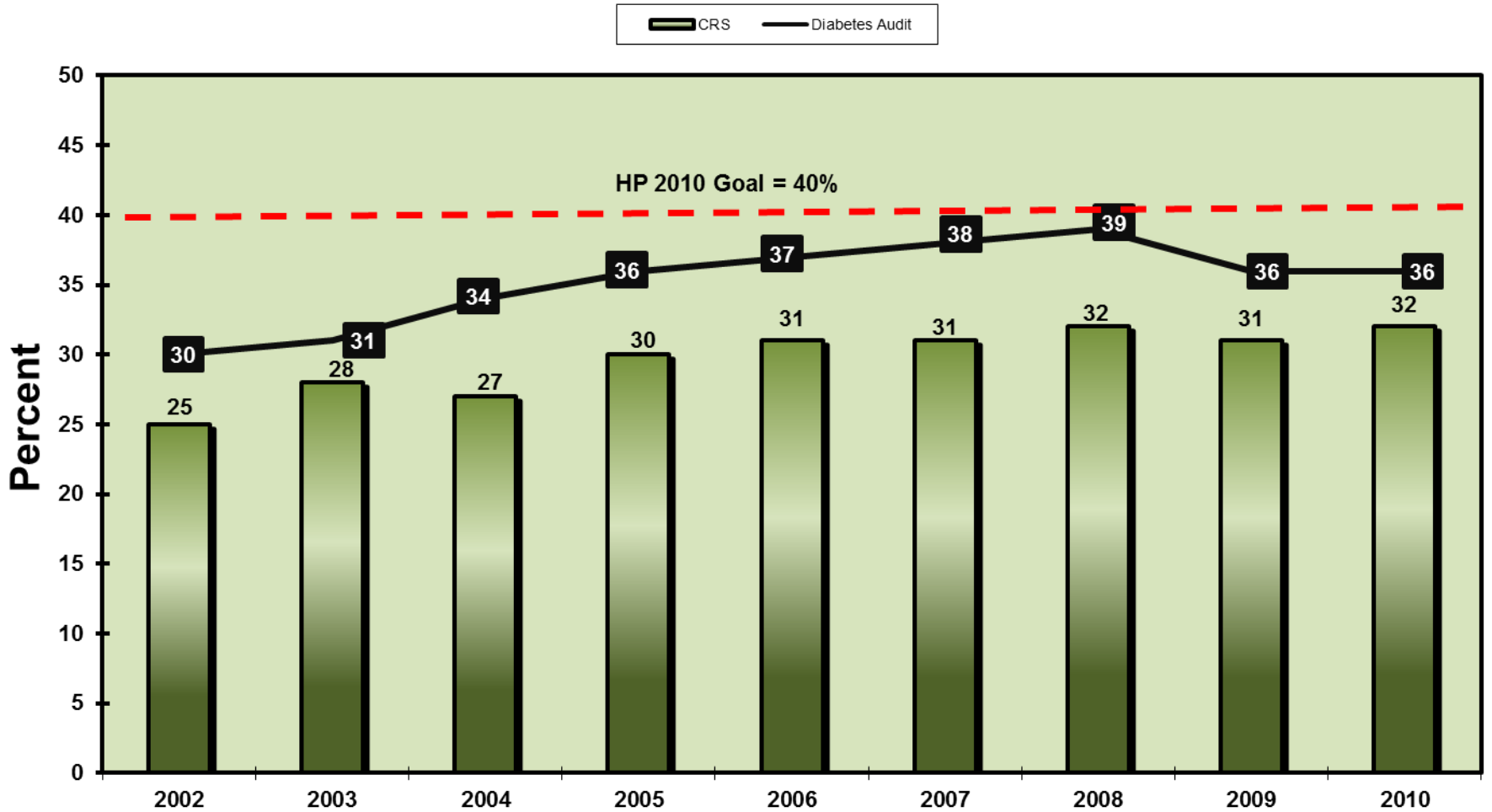
DIABETES: POOR GLYCEMIC CONTROL



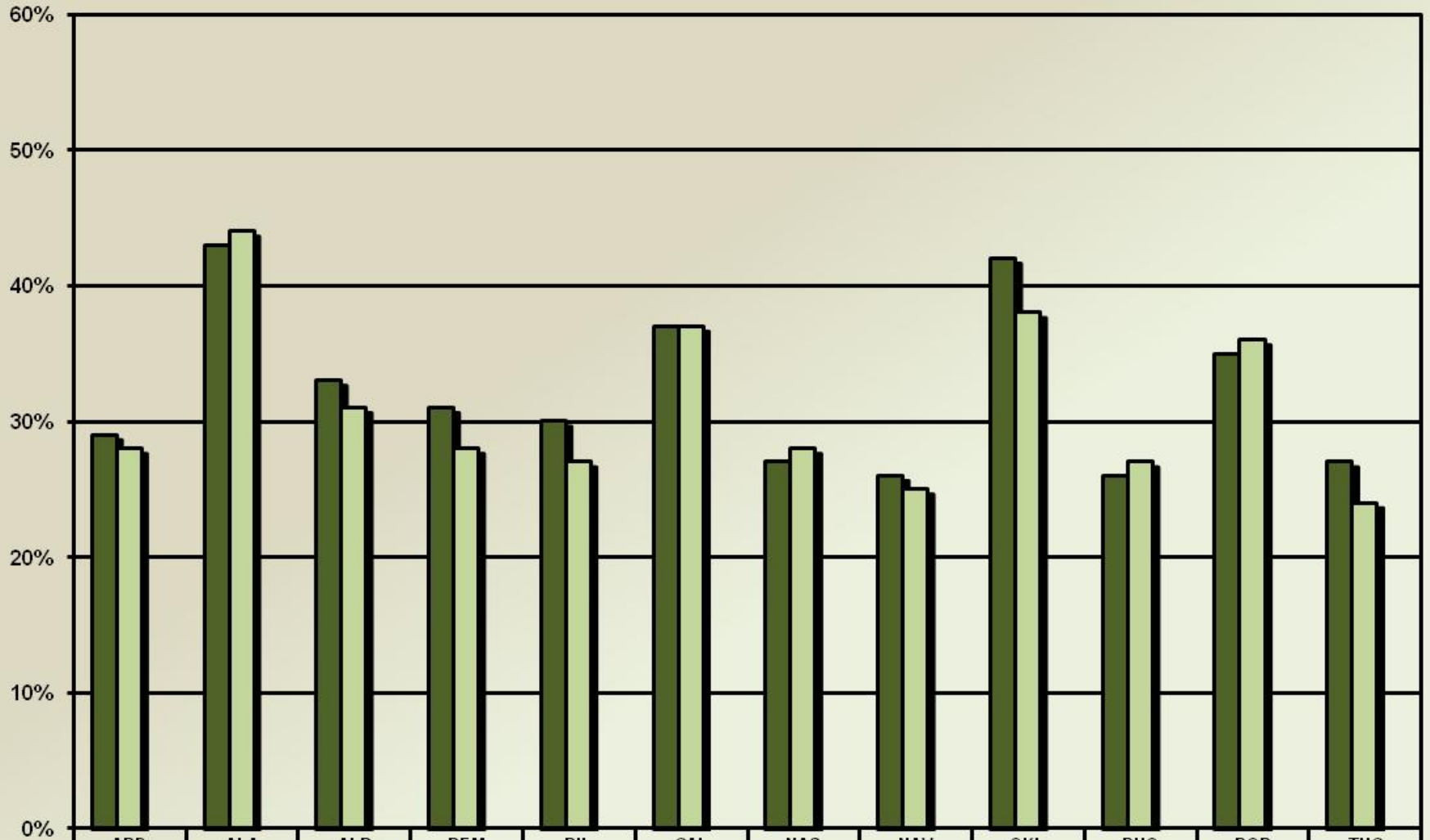
FY10	20%	9%	17%	15%	19%	15%	21%	23%	12%	22%	15%	25%
FY09	19%	9%	19%	14%	20%	16%	19%	23%	12%	23%	15%	27%
N	10230	3224	7006	4140	5026	4763	5526	18517	22190	16876	6134	2455

Diabetes: Ideal Glycemic Control

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



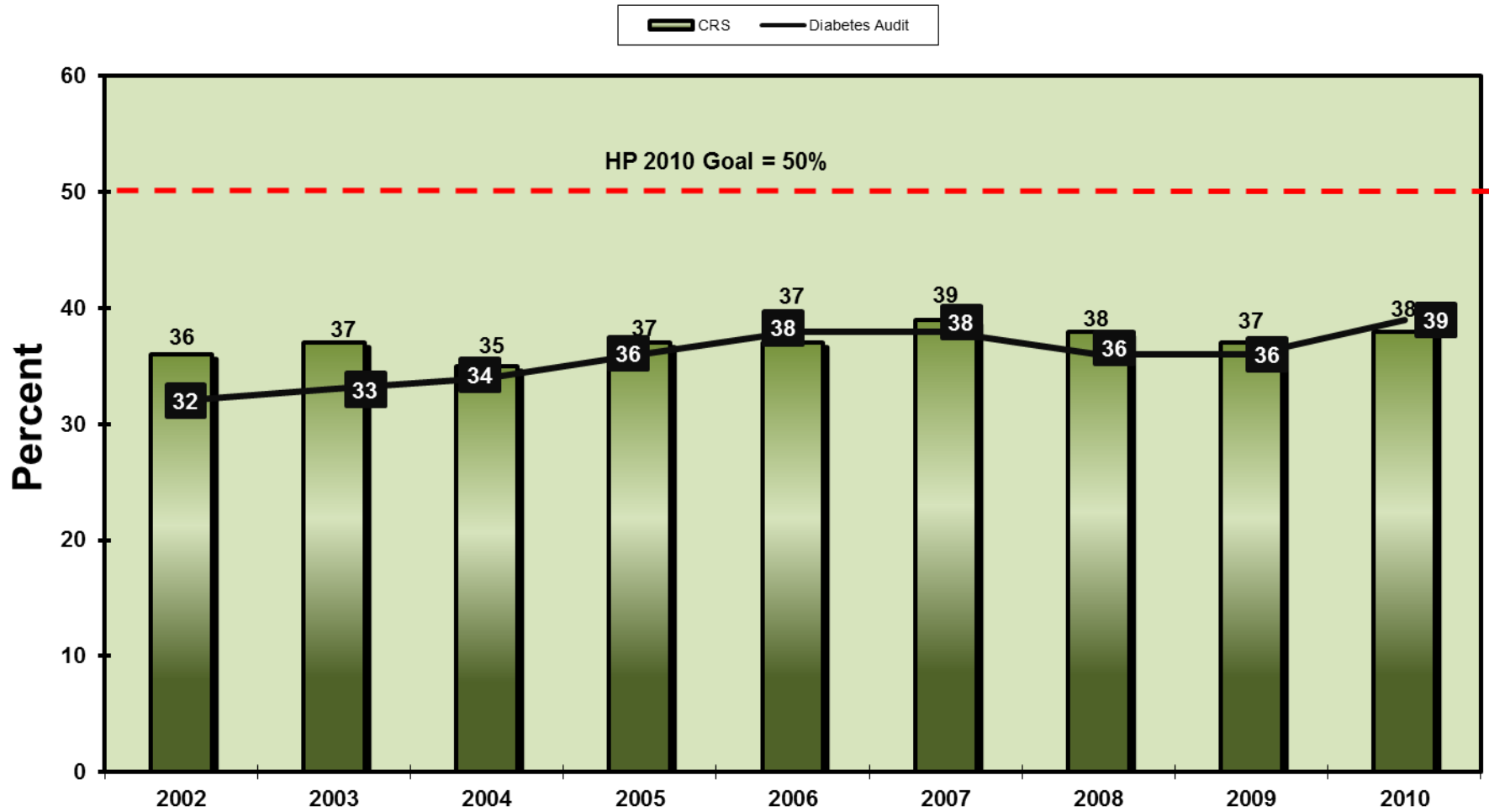
DIABETES: IDEAL GLYCEMIC CONTROL



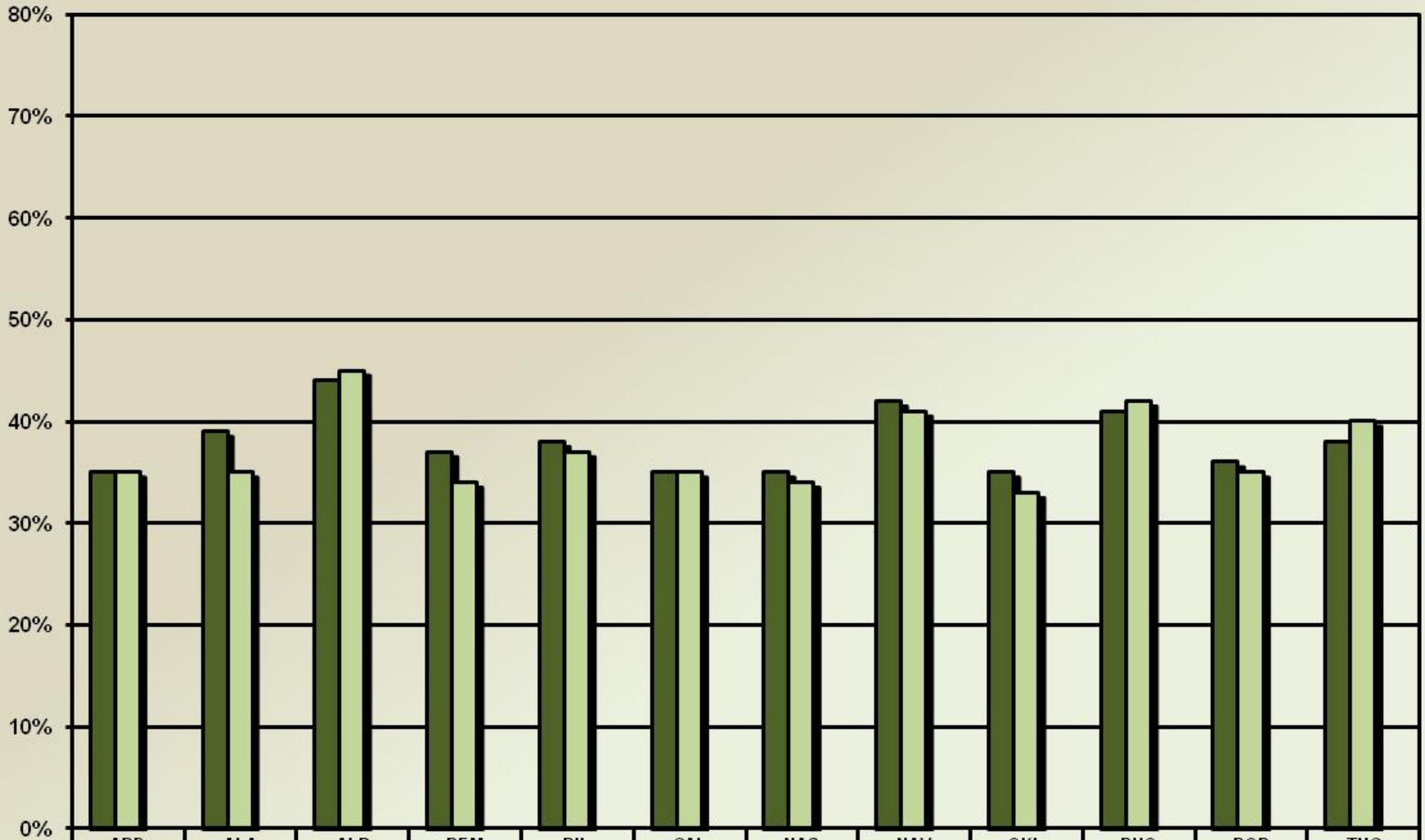
FY10	29%	43%	33%	31%	30%	37%	27%	26%	42%	26%	35%	27%
FY09	28%	44%	31%	28%	27%	37%	28%	25%	38%	27%	36%	24%
N	10230	3224	7006	4140	5026	4763	5526	18517	22190	16876	6134	2455

Diabetes: Blood Pressure Control

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



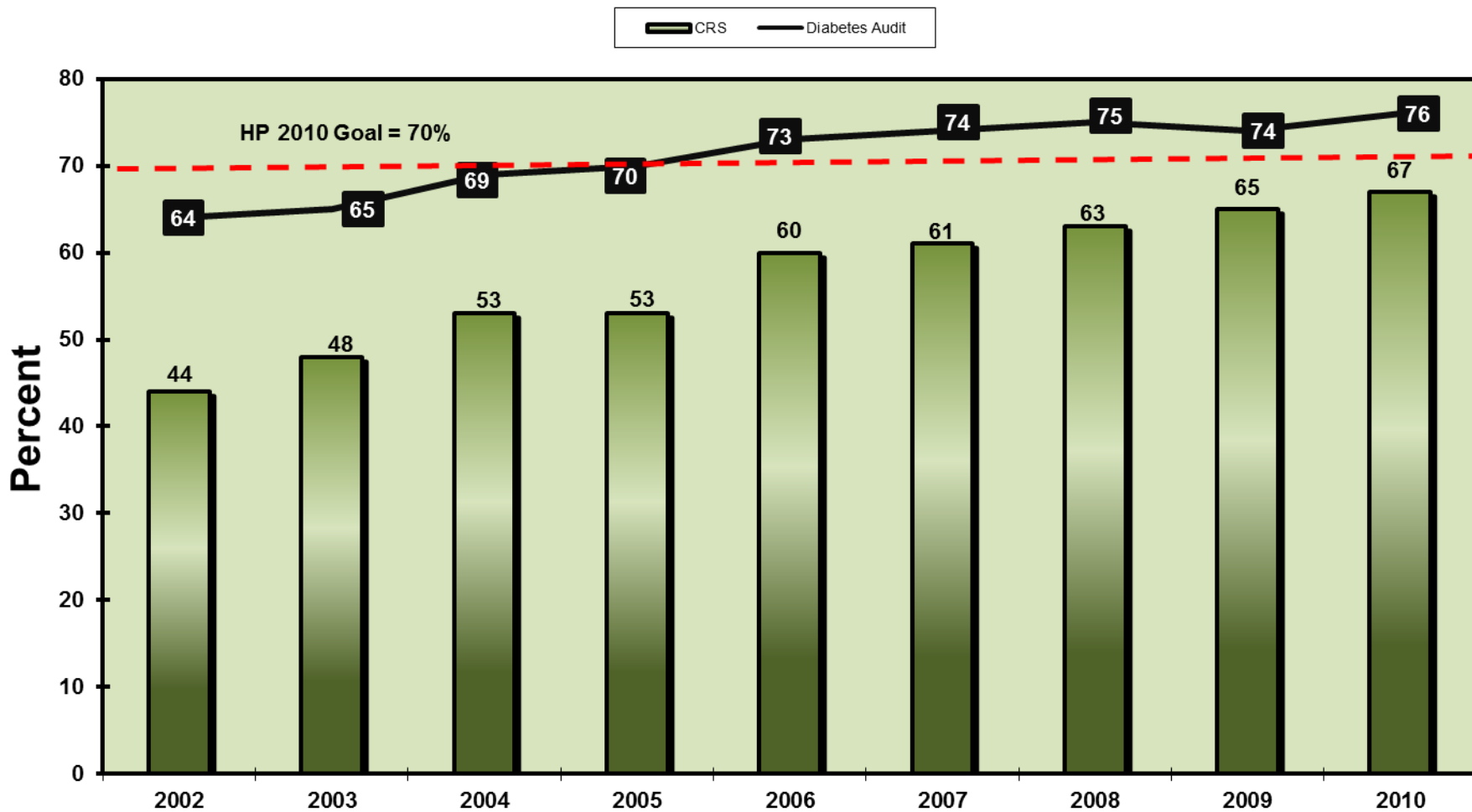
DIABETES: BP CONTROL (<130/80)



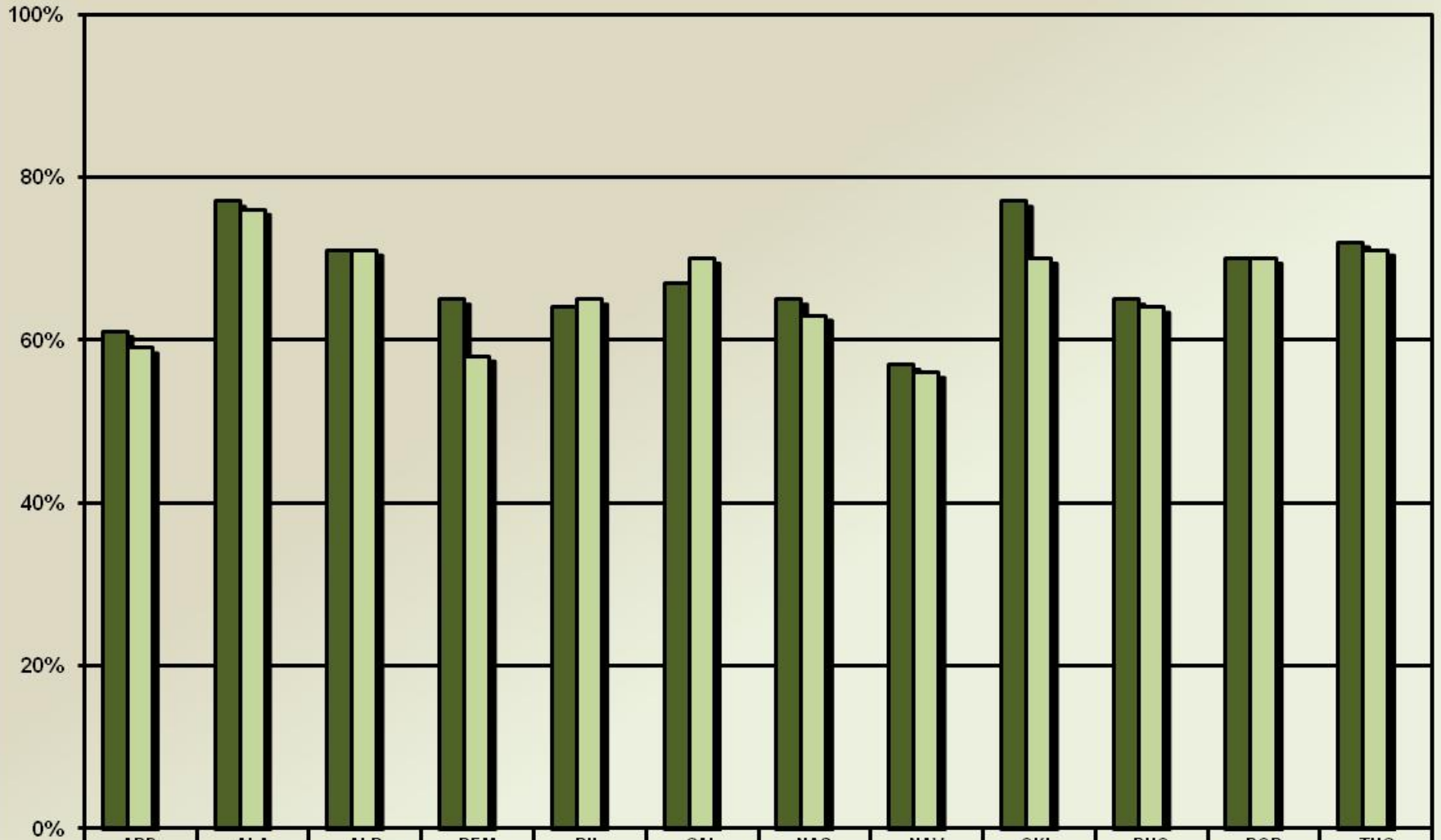
FY10	35%	39%	44%	37%	38%	35%	35%	42%	35%	41%	36%	38%
FY09	35%	35%	45%	34%	37%	35%	34%	41%	33%	42%	35%	40%
N	10230	3224	7006	4140	5026	4763	5526	18517	22190	16876	6134	2455

Diabetes: LDL Assessment

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



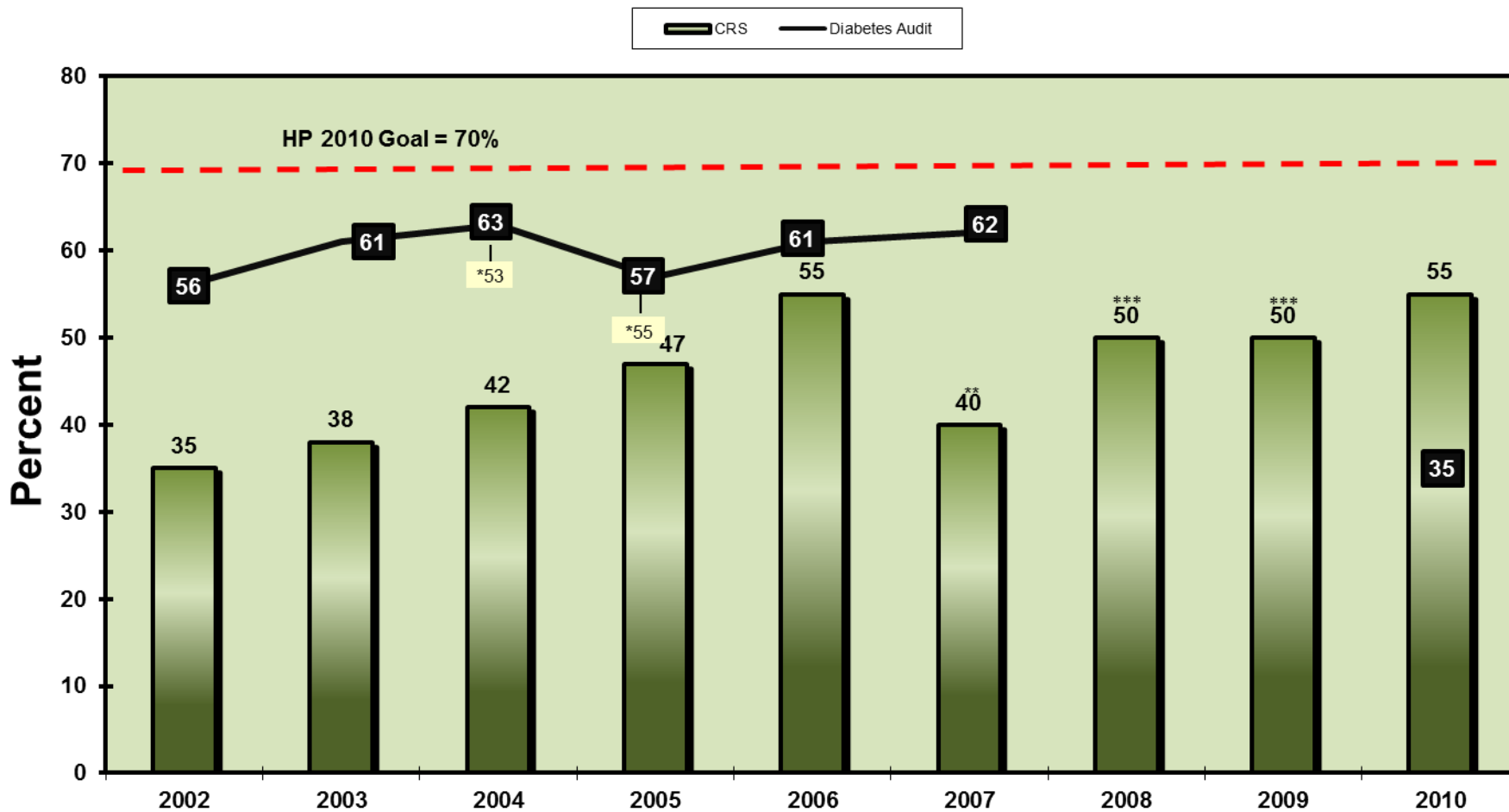
DIABETES: LDL ASSESSED



FY10	61%	77%	71%	65%	64%	67%	65%	57%	77%	65%	70%	72%
FY09	59%	76%	71%	58%	65%	70%	63%	56%	70%	64%	70%	71%
N	10230	3224	7006	4140	5026	4763	5526	18517	22190	16876	6134	2455

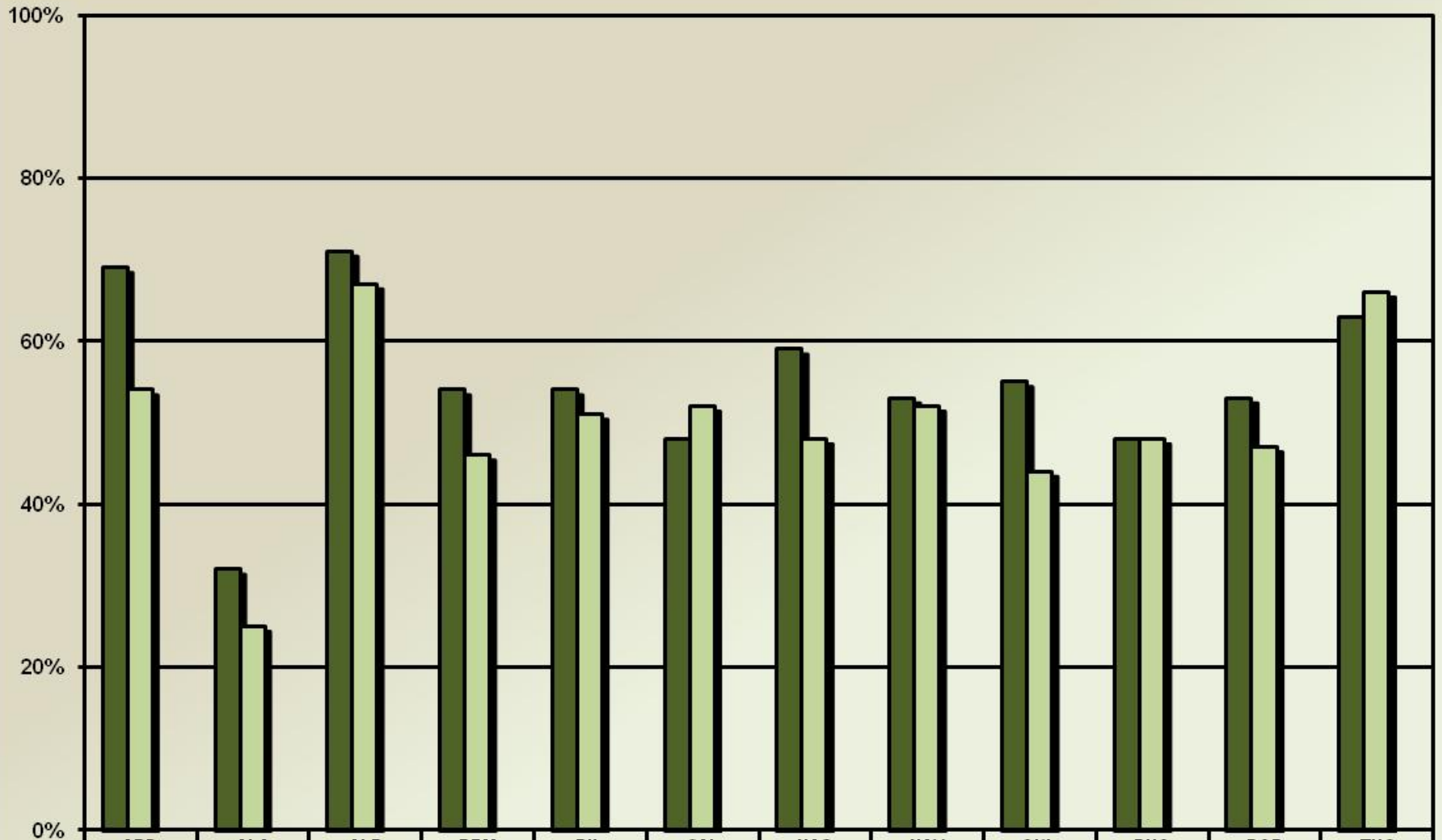
Diabetes: Nephropathy Assessment

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, data for these elements was not reliable and no result is available for this measure for 2008 or 2009.

DIABETES: NEPHROPATHY ASSESSED



■ FY10	69%	32%	71%	54%	54%	48%	59%	53%	55%	48%	53%	63%
■ FY09	54%	25%	67%	46%	51%	52%	48%	52%	44%	48%	47%	66%
N	10230	3224	7006	4140	5026	4763	5526	18517	22190	16876	6134	2455

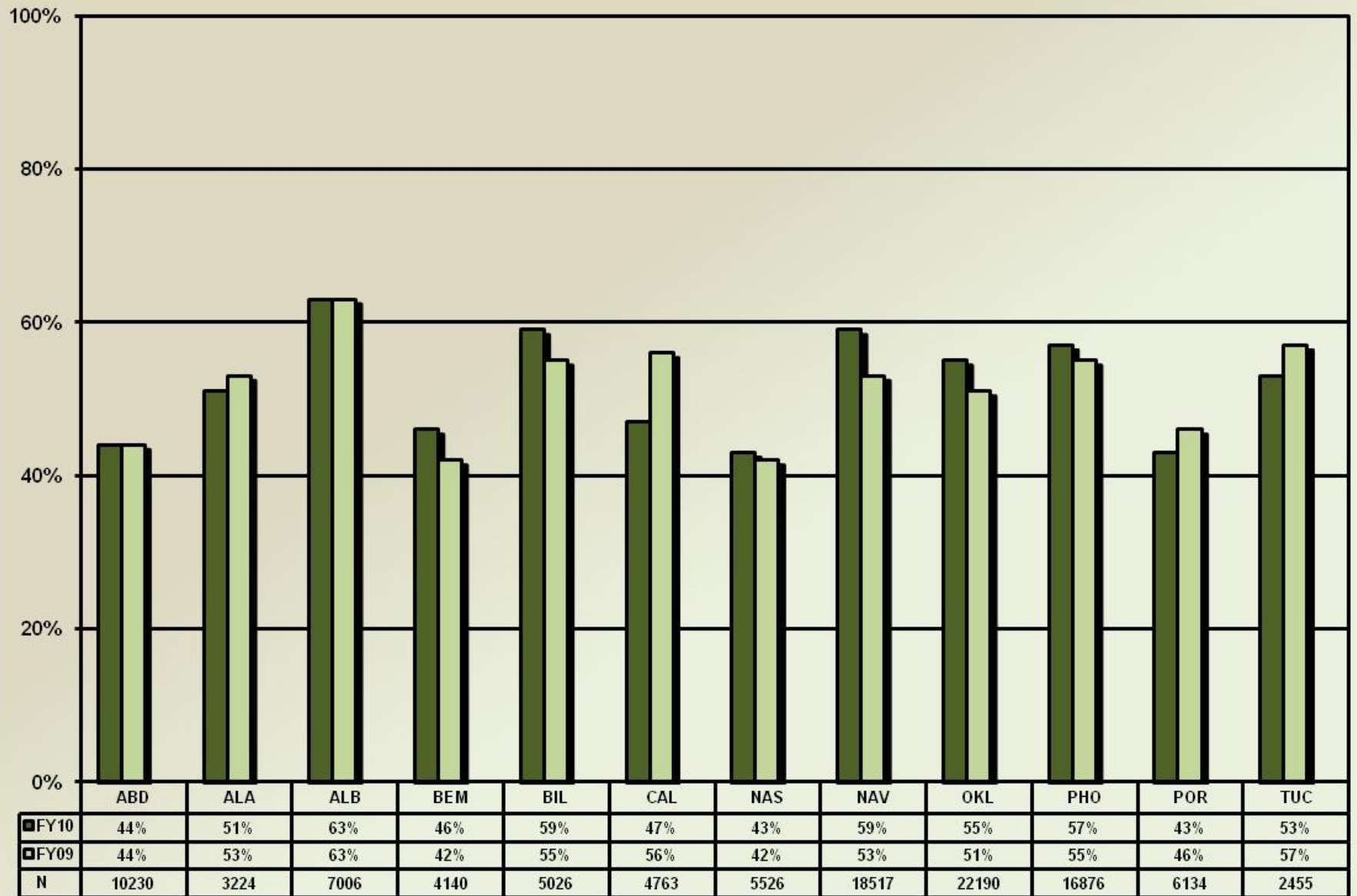
Diabetes: Retinopathy

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



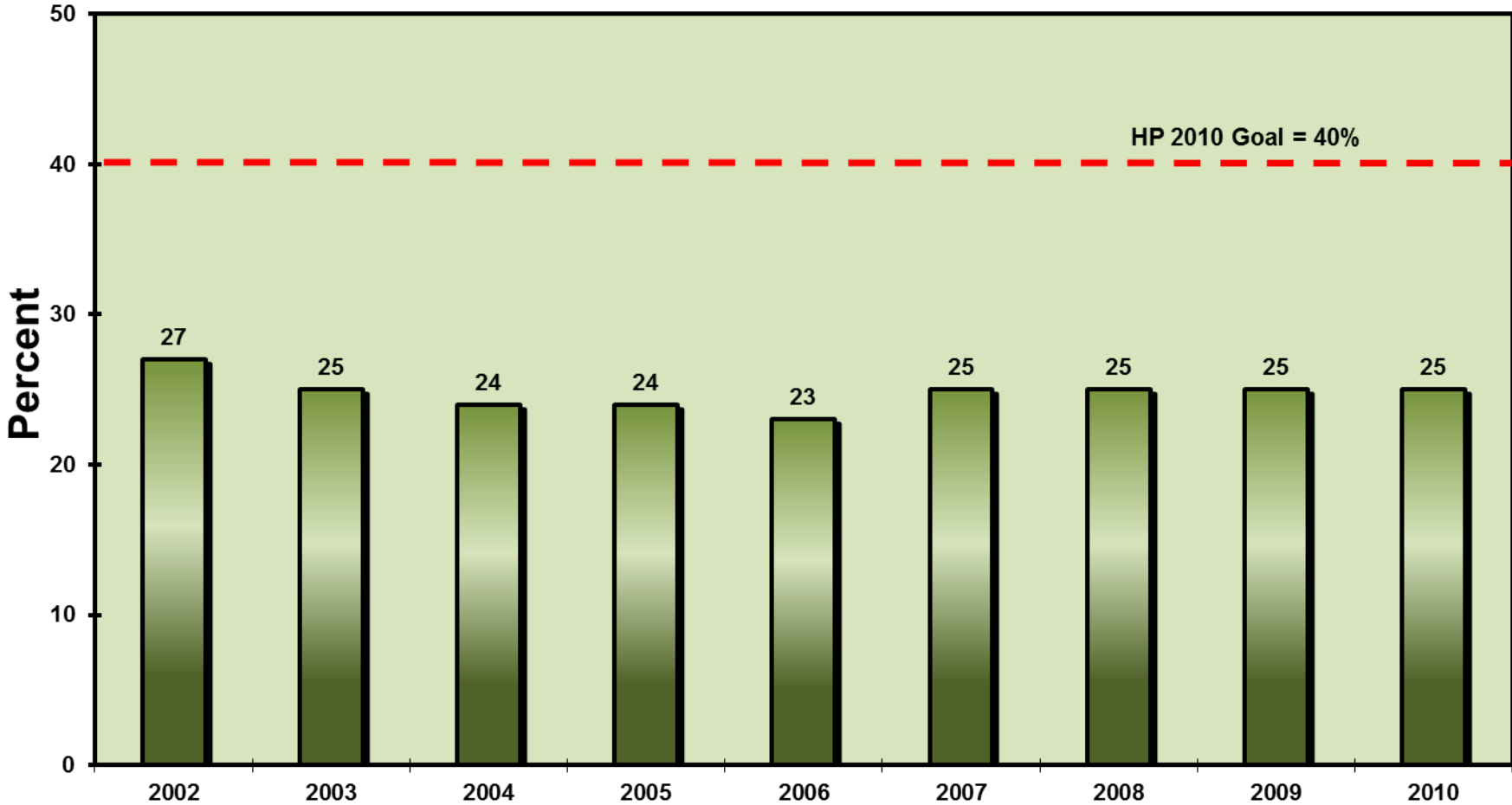
The Pilot sites will not be recording data for 2007 or in the future. This chart reflects both the National data and the past Pilot sites.

DIABETES: RETINOPATHY ASSESSED

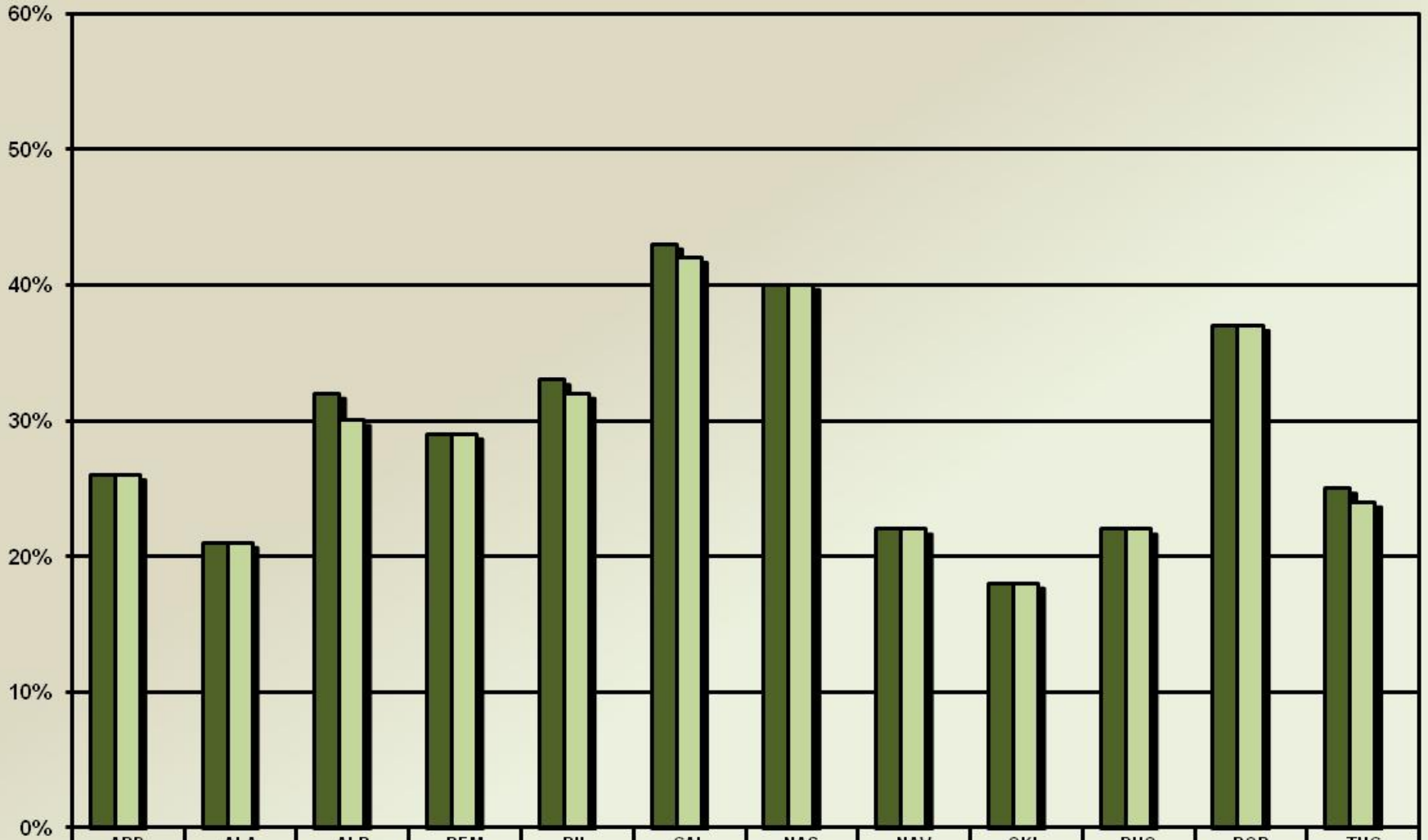


Dental: General Access

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



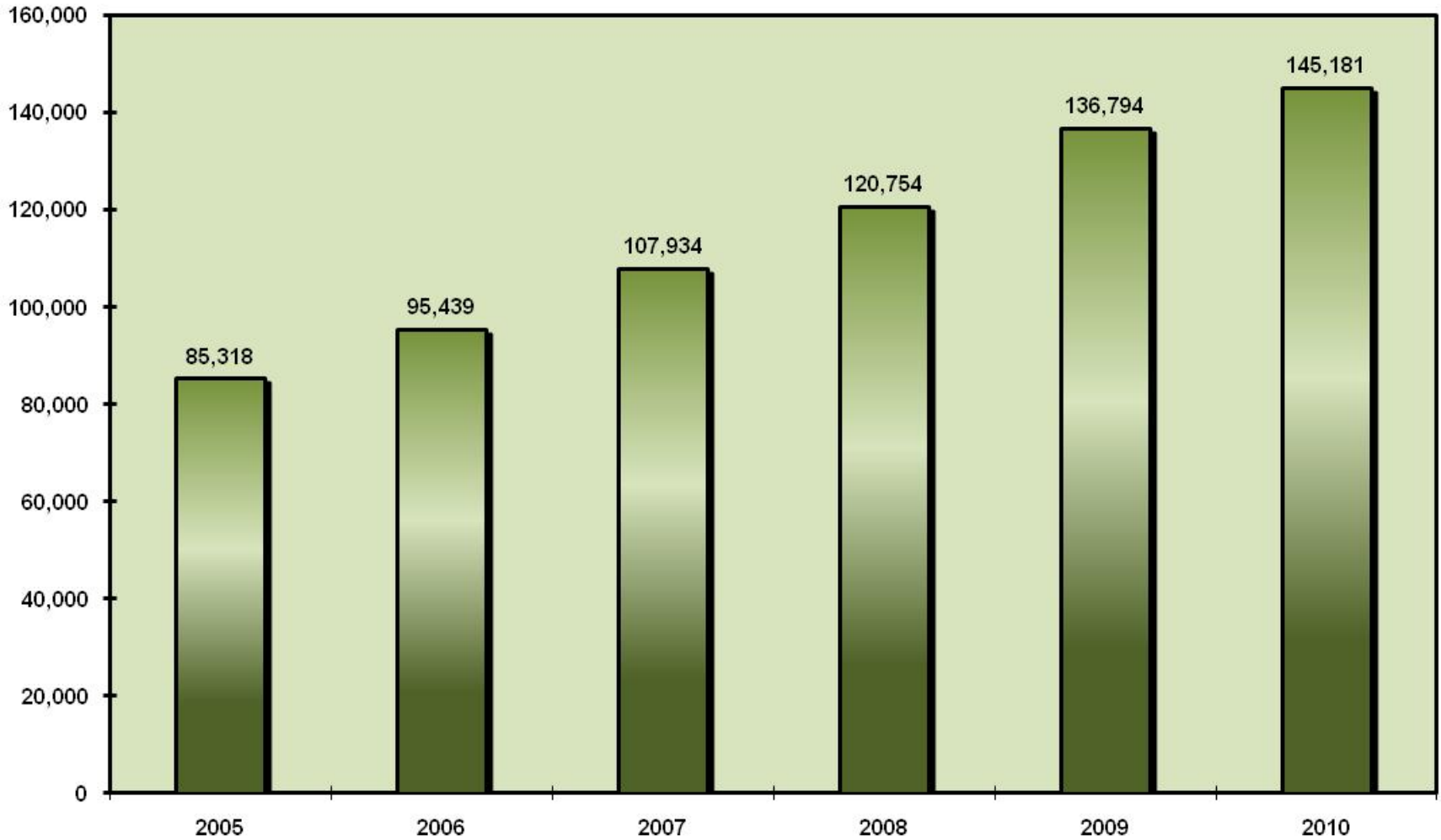
DENTAL: ACCESS



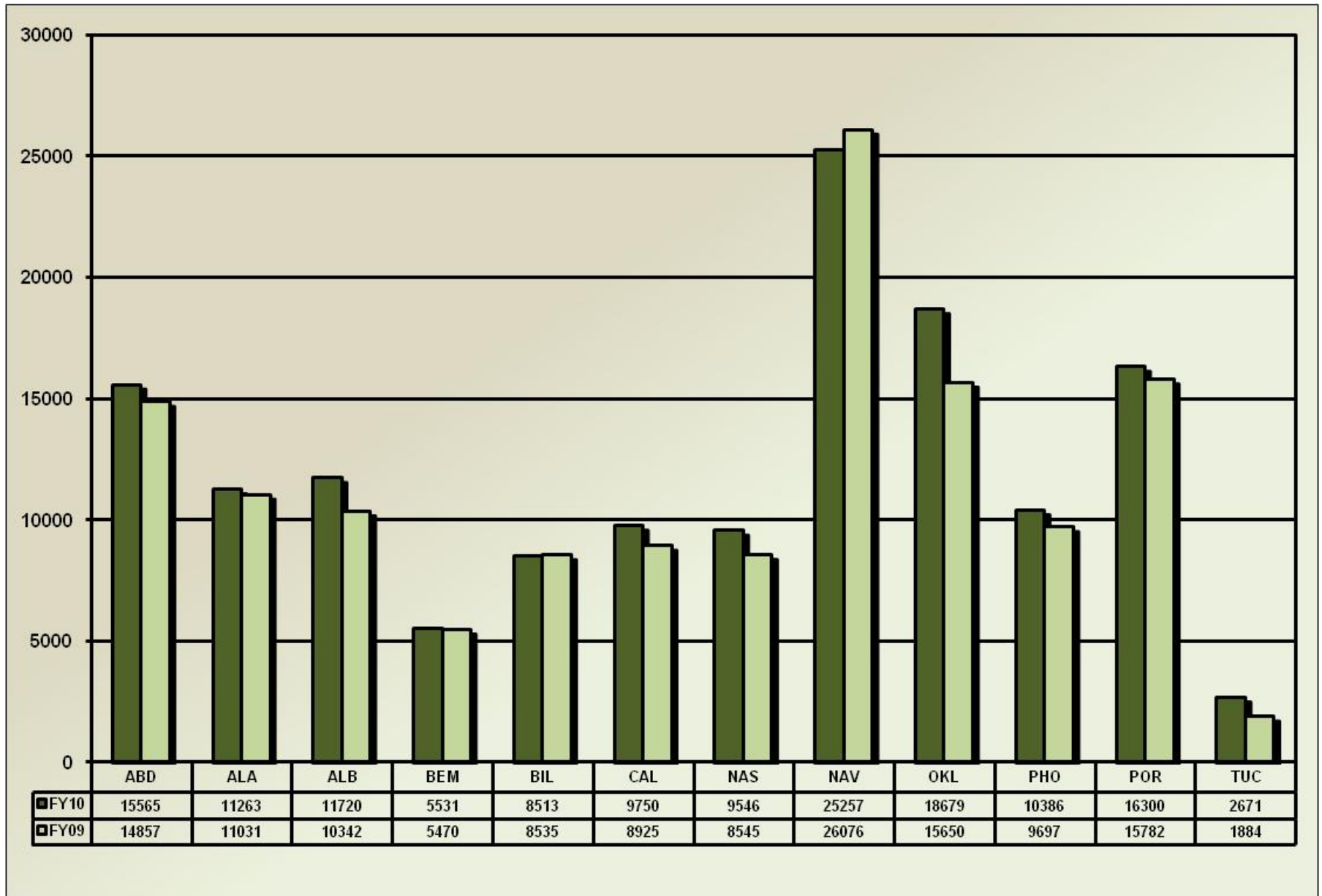
FY10	26%	21%	32%	29%	33%	43%	40%	22%	18%	22%	37%	25%
FY09	26%	21%	30%	29%	32%	42%	40%	22%	18%	22%	37%	24%
N	124009	111571	70946	41479	57206	68638	41538	235310	264925	162098	91075	18909

Dental: Topical Fluorides

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

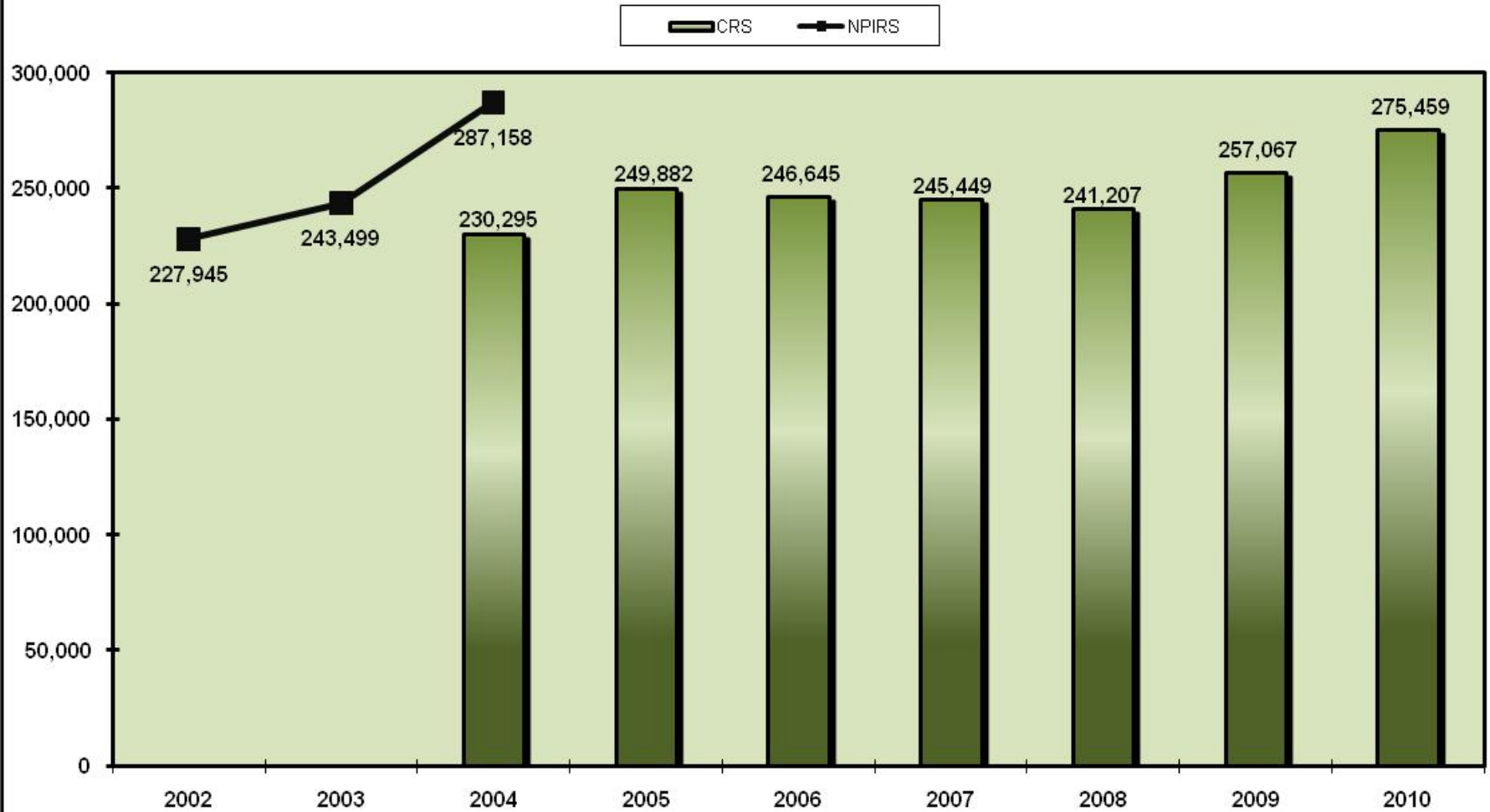


DENTAL: FLUORIDE

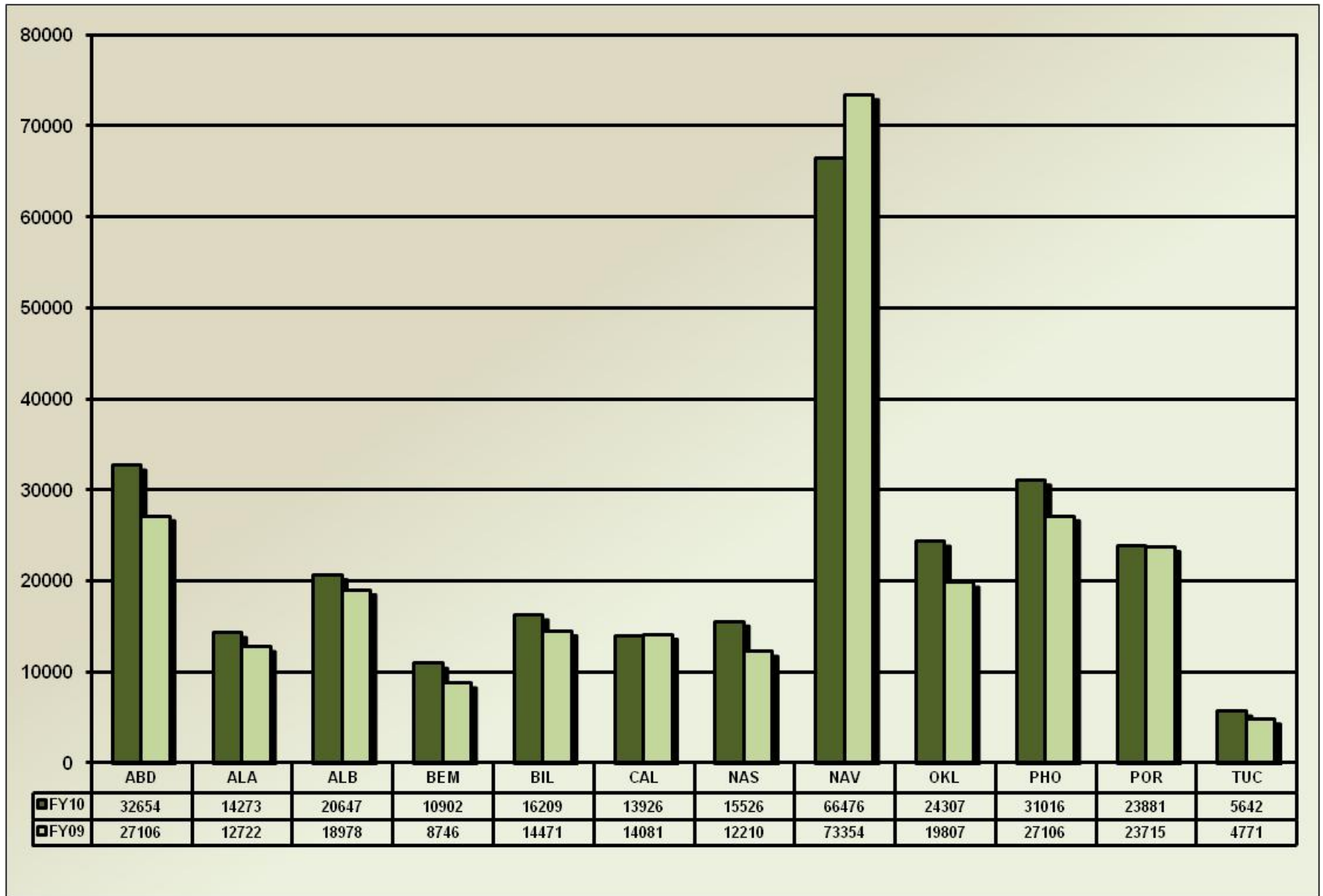


Dental: Sealants

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

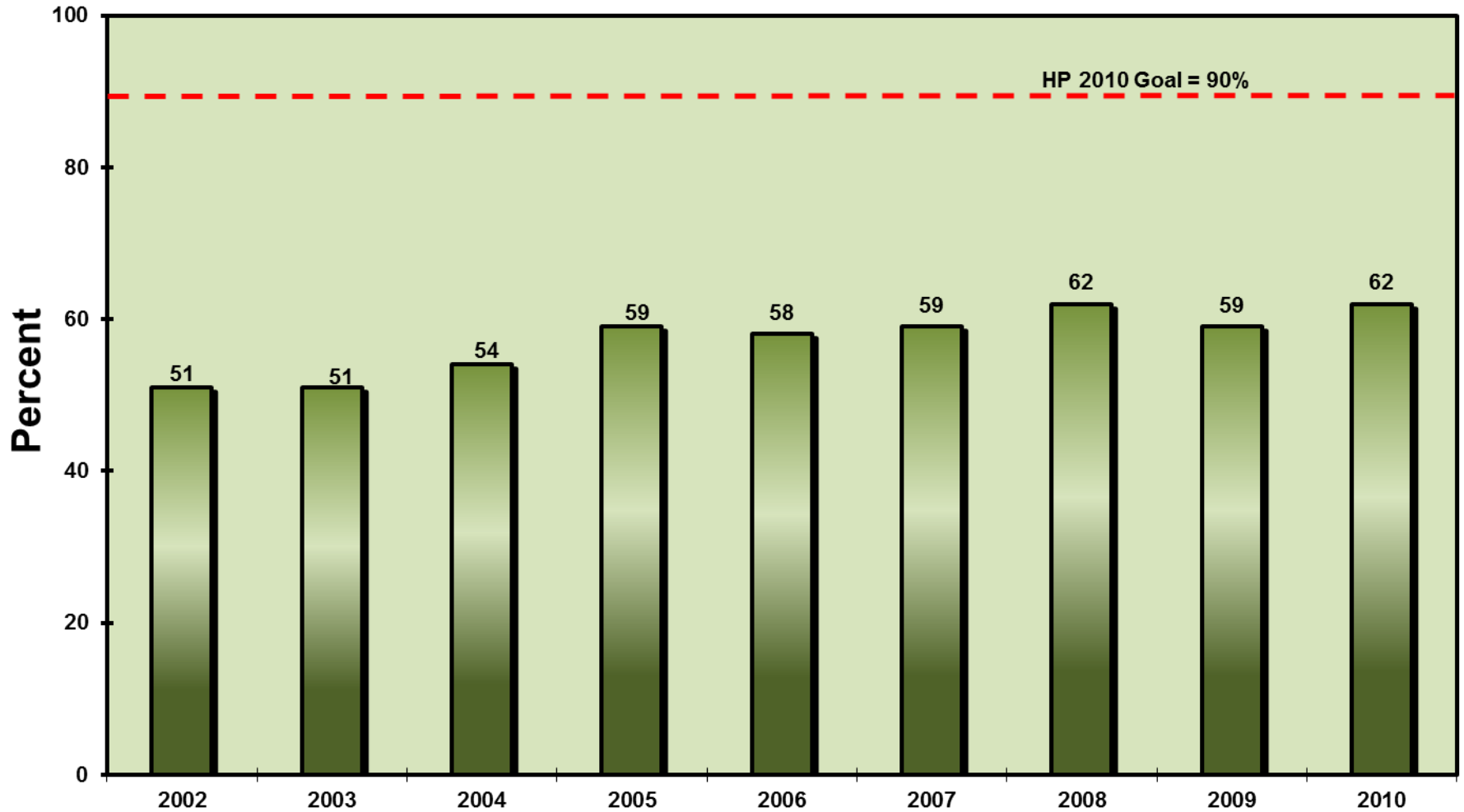


DENTAL: SEALANTS

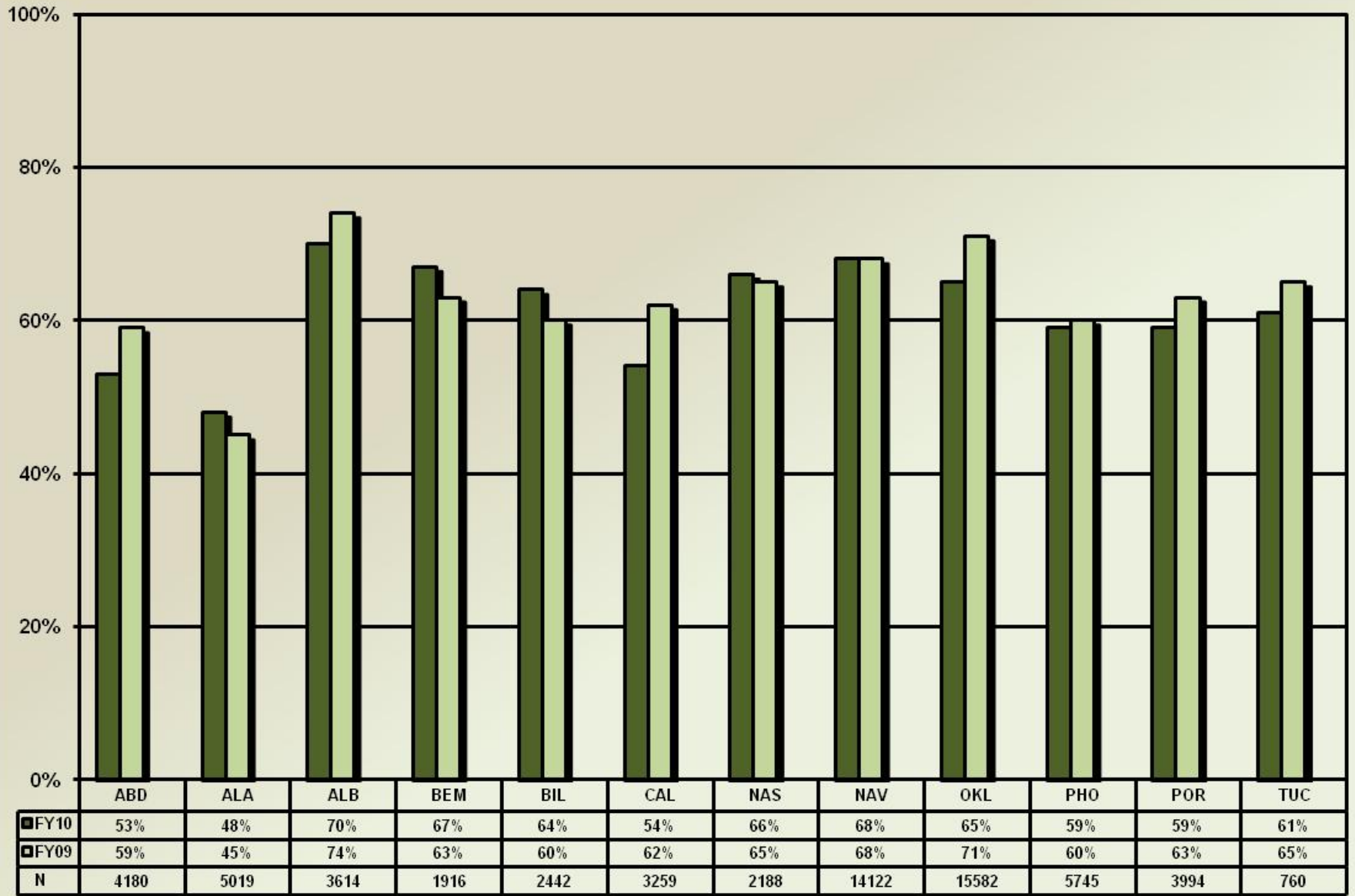


Immunizations: Influenza

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

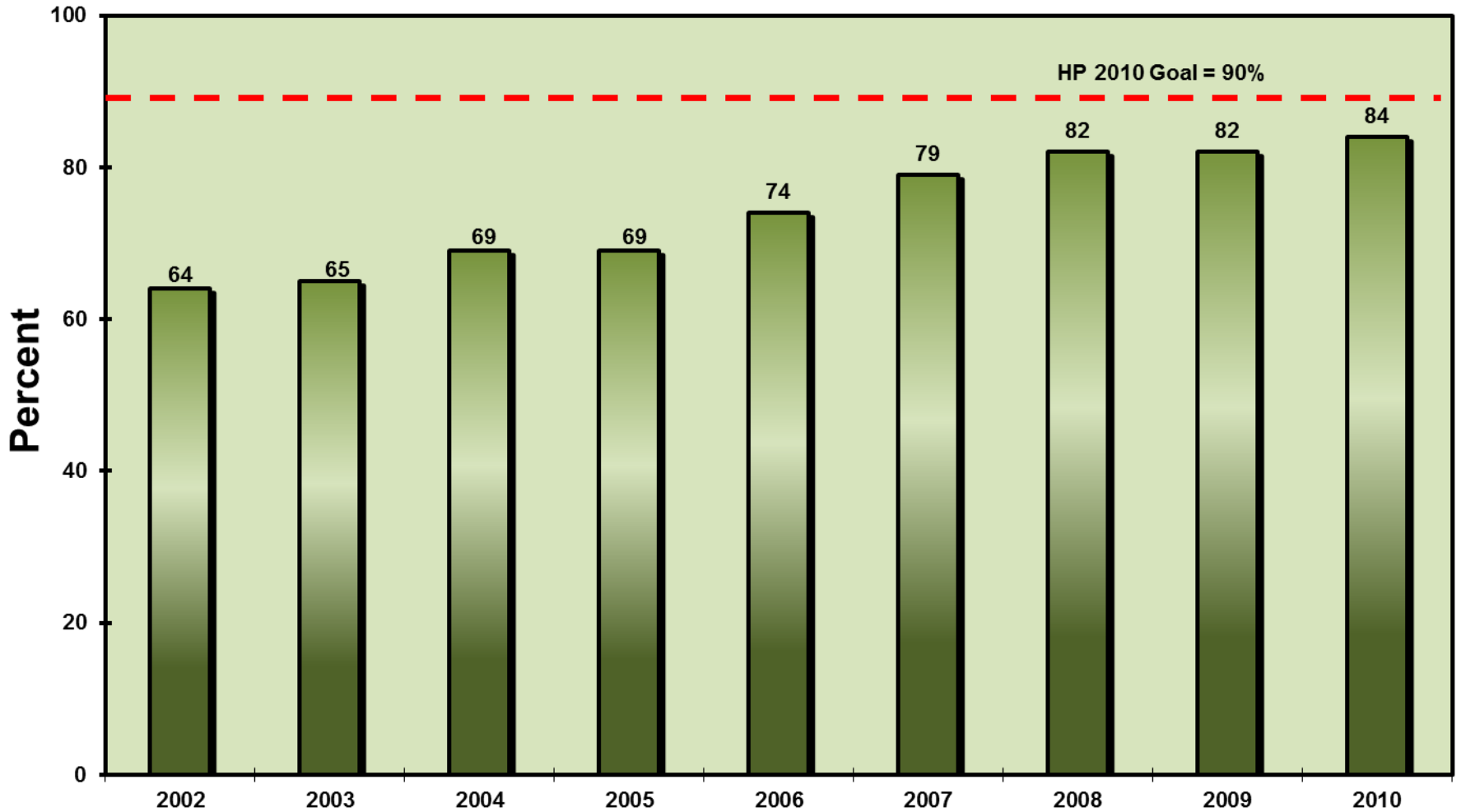


IMMUNIZATIONS: INFLUENZA (65+)

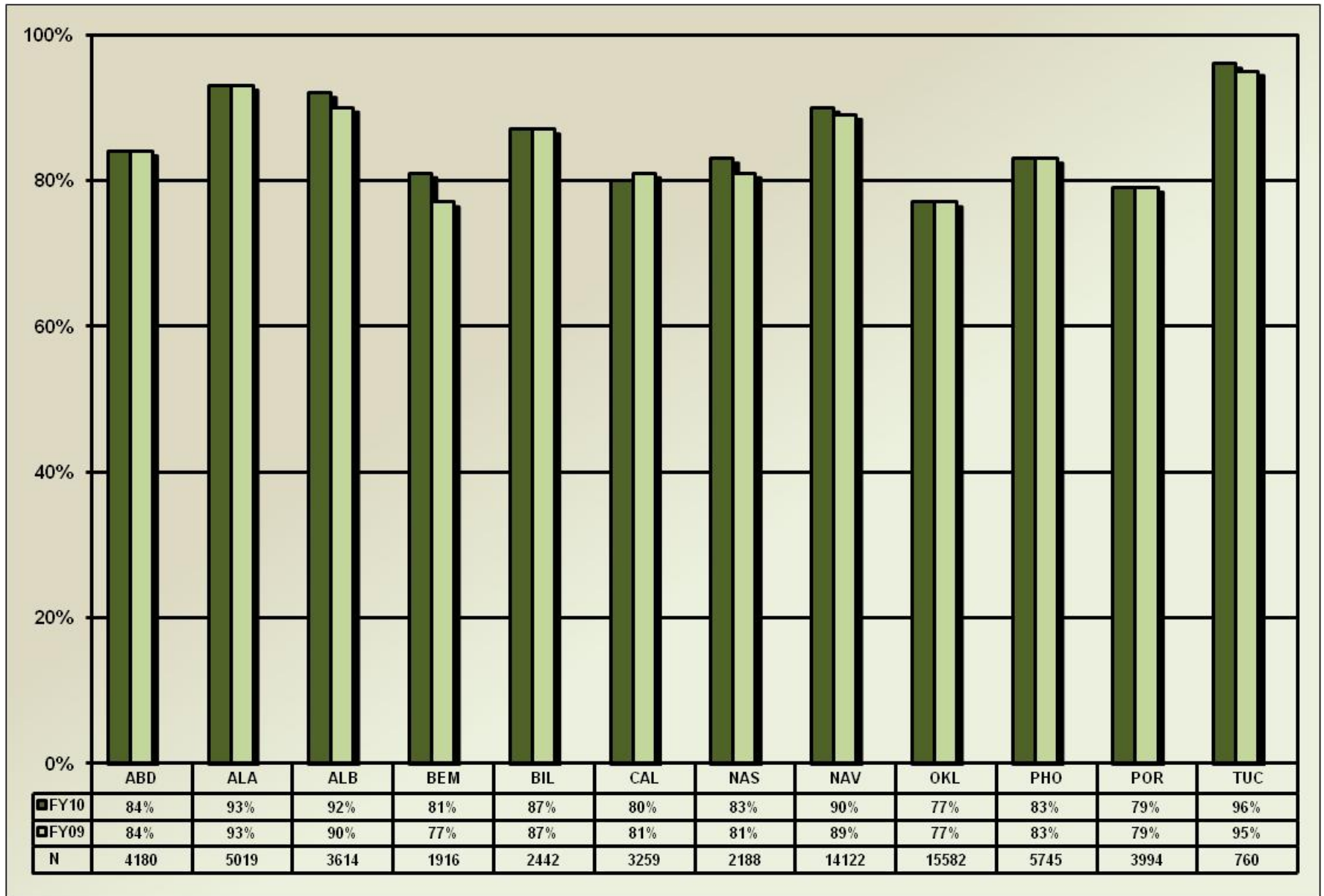


Immunizations: Pneumococcal

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



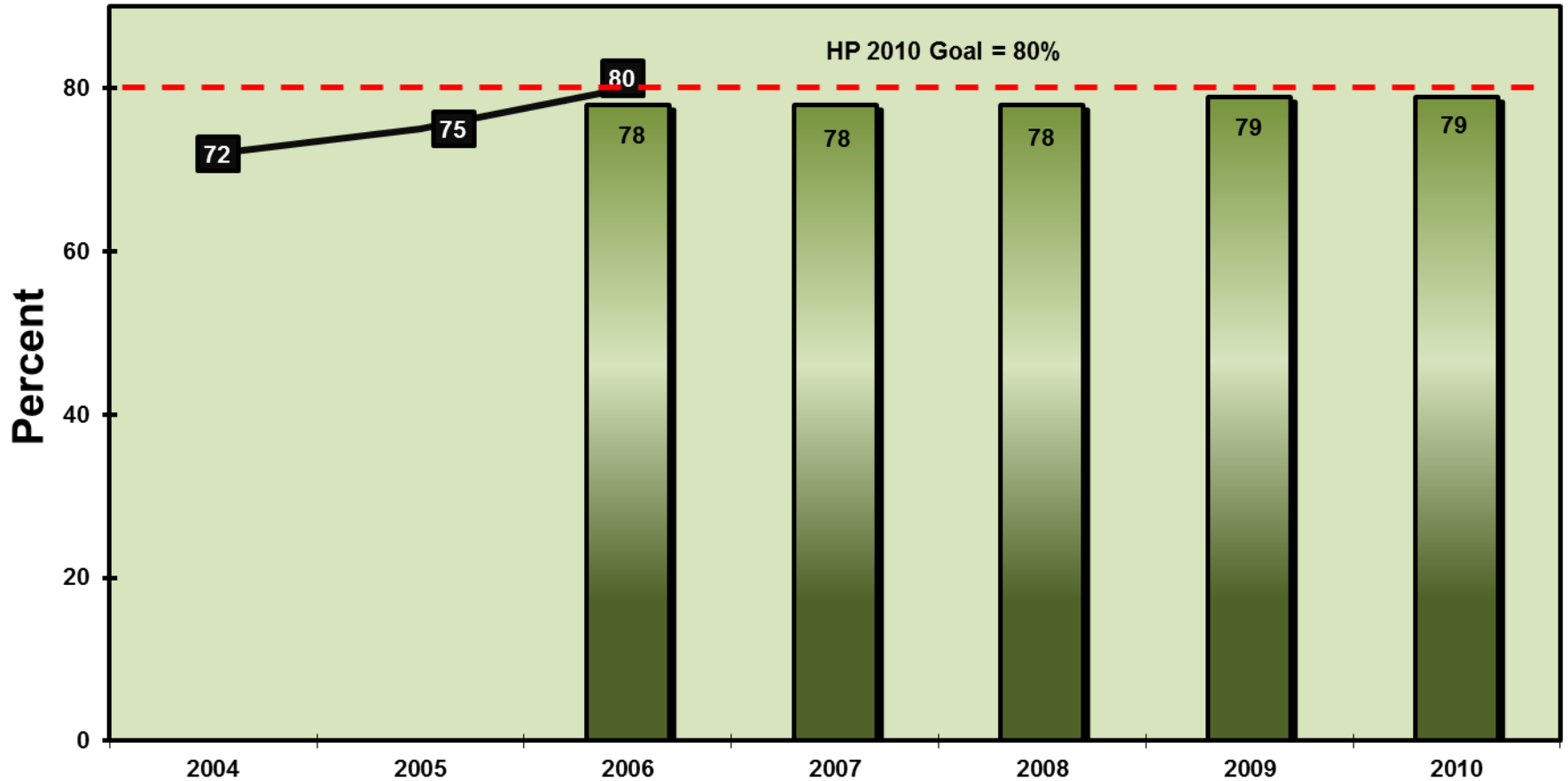
IMMUNIZATIONS: PNEUMOCOCCAL (65+)



Immunizations: Childhood (19-35 months)

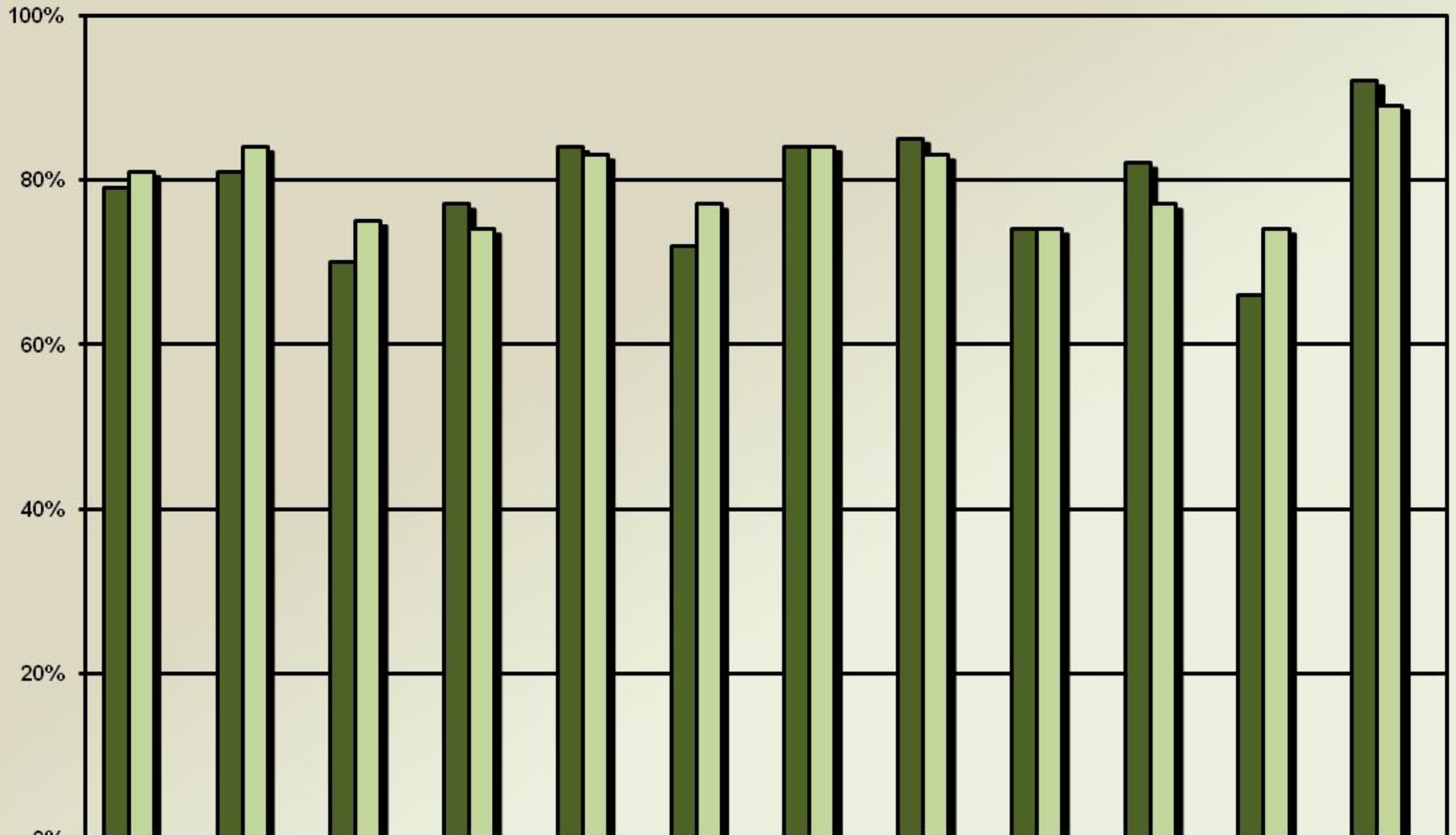
AI/AN patients (age 19-35 months) who have received the combined childhood vaccination series (4:3:1:3:3:1*).

CRS - Immunization Package National Immunization Report



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

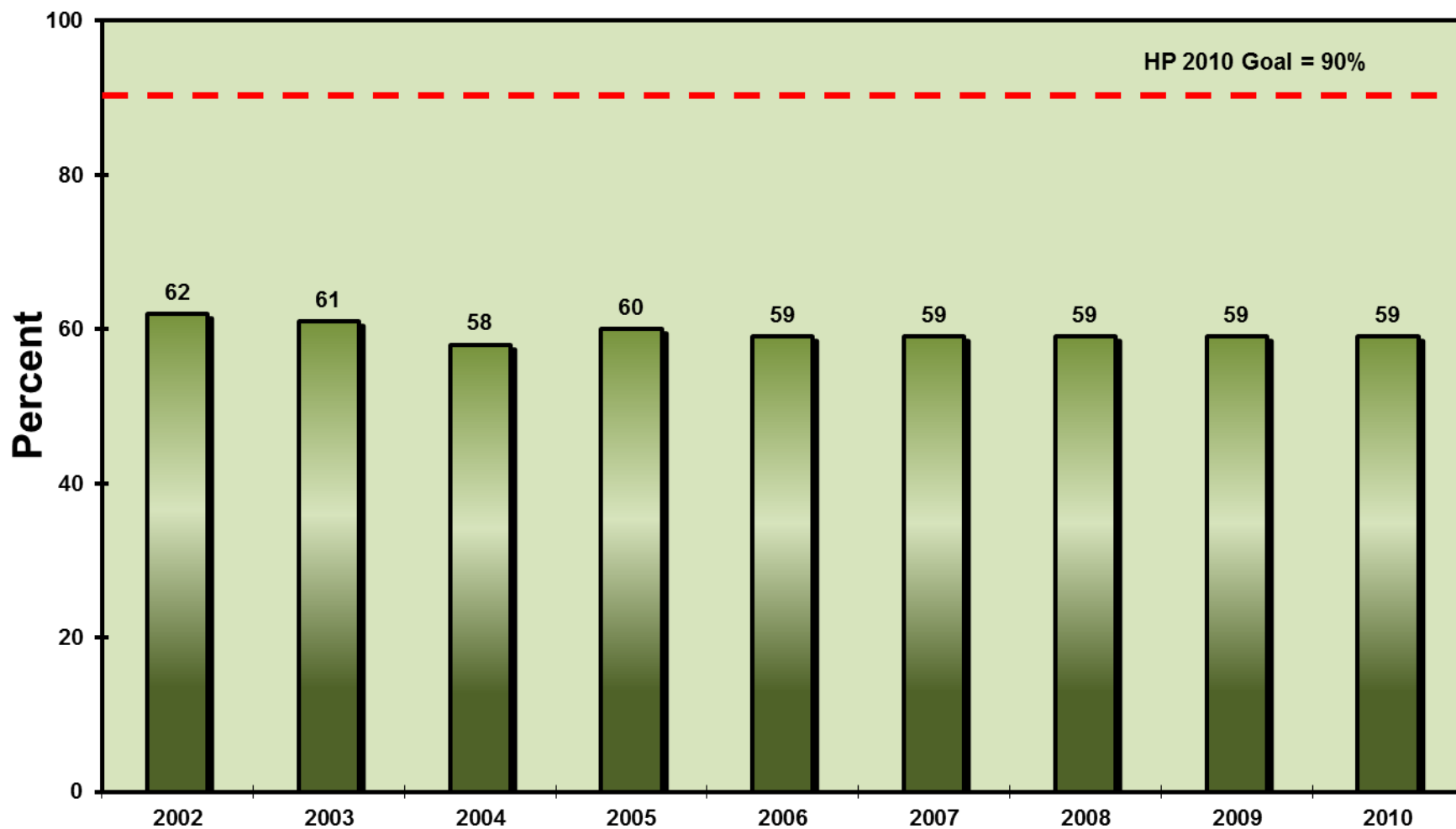
IMMUNIZATIONS: CHILDHOOD (19 – 35 MONTHS)



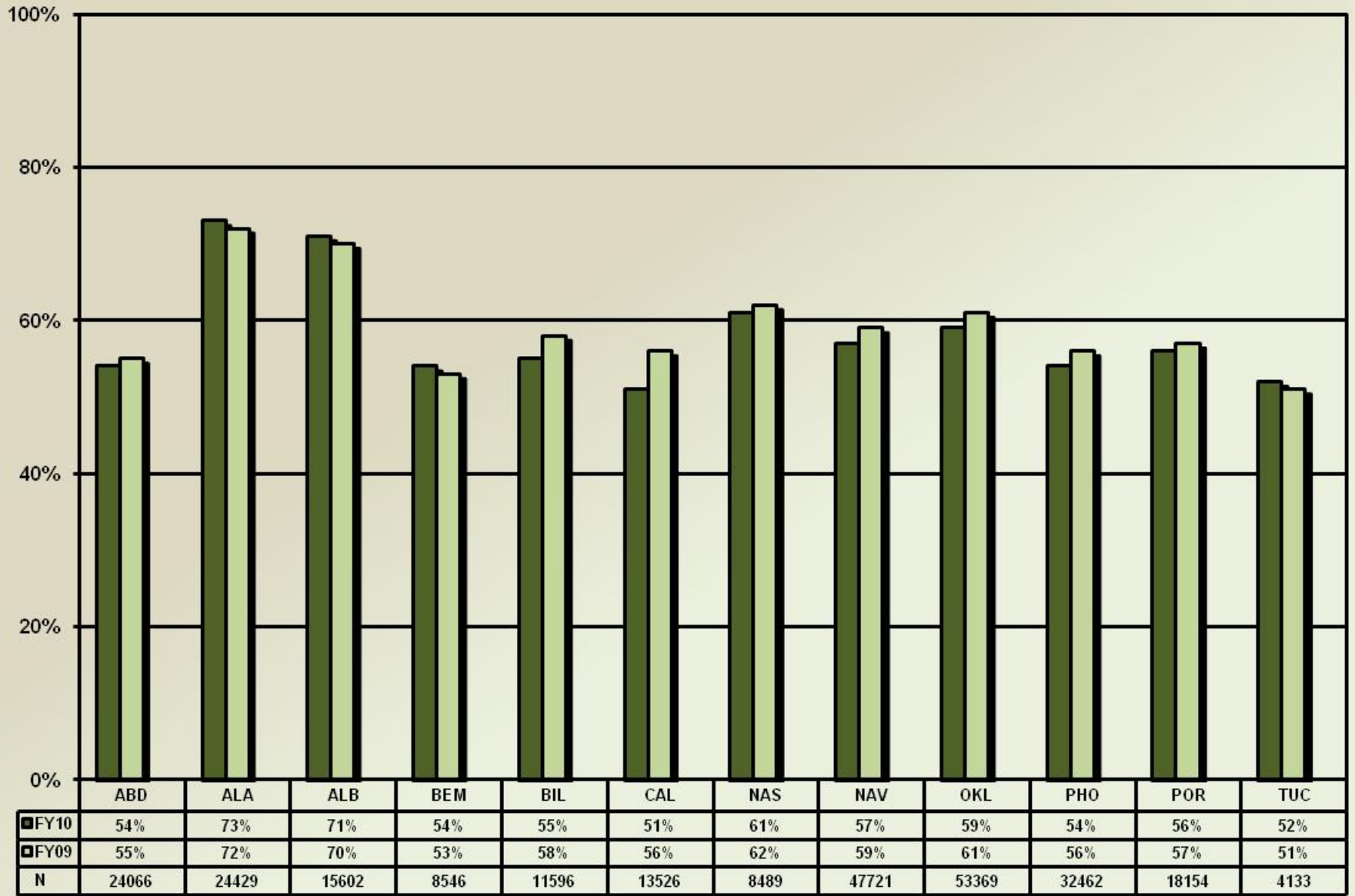
■ FY10	79%	81%	70%	77%	84%	72%	84%	85%	74%	82%	66%	92%
■ FY09	81%	84%	75%	74%	83%	77%	84%	83%	74%	77%	74%	89%
N	2052	2803	1108	689	1276	957	684	5108	3622	2359	1290	449

Cancer Screening: Cervical (Pap Screen)

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

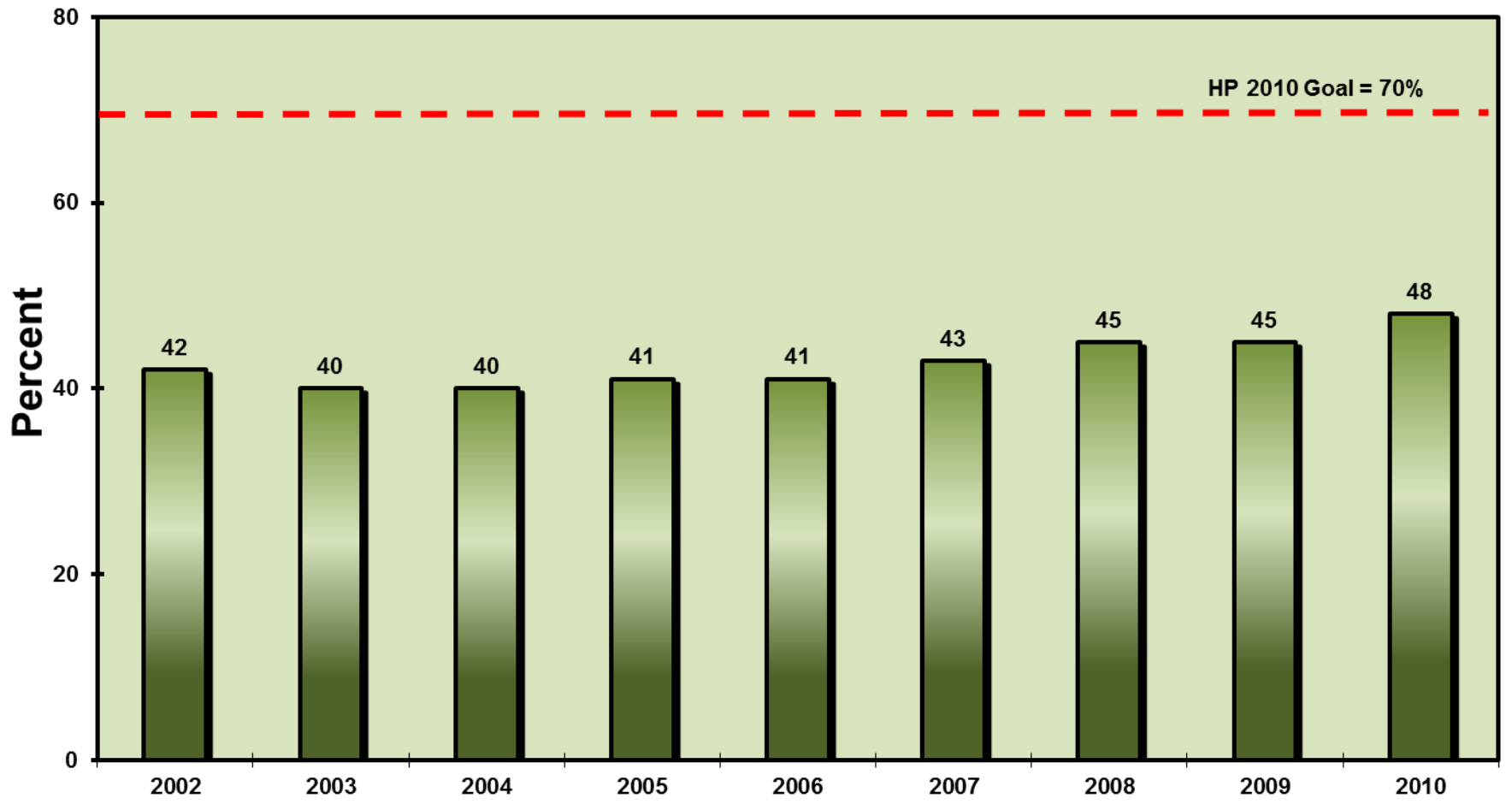


CANCER SCREENING: CERVICAL (PAP SCREENING)

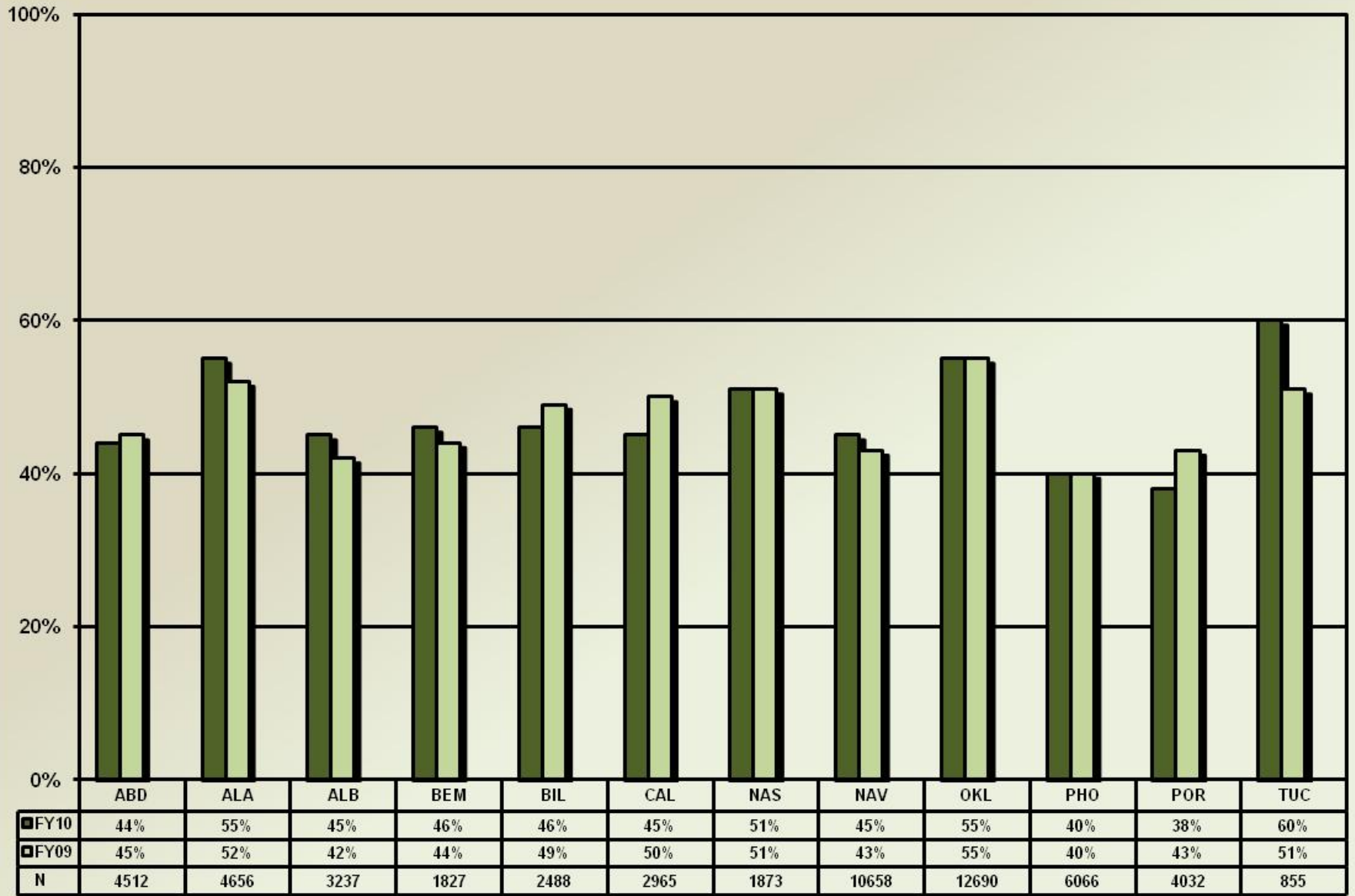


Cancer Screening: Breast (Mammography)

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

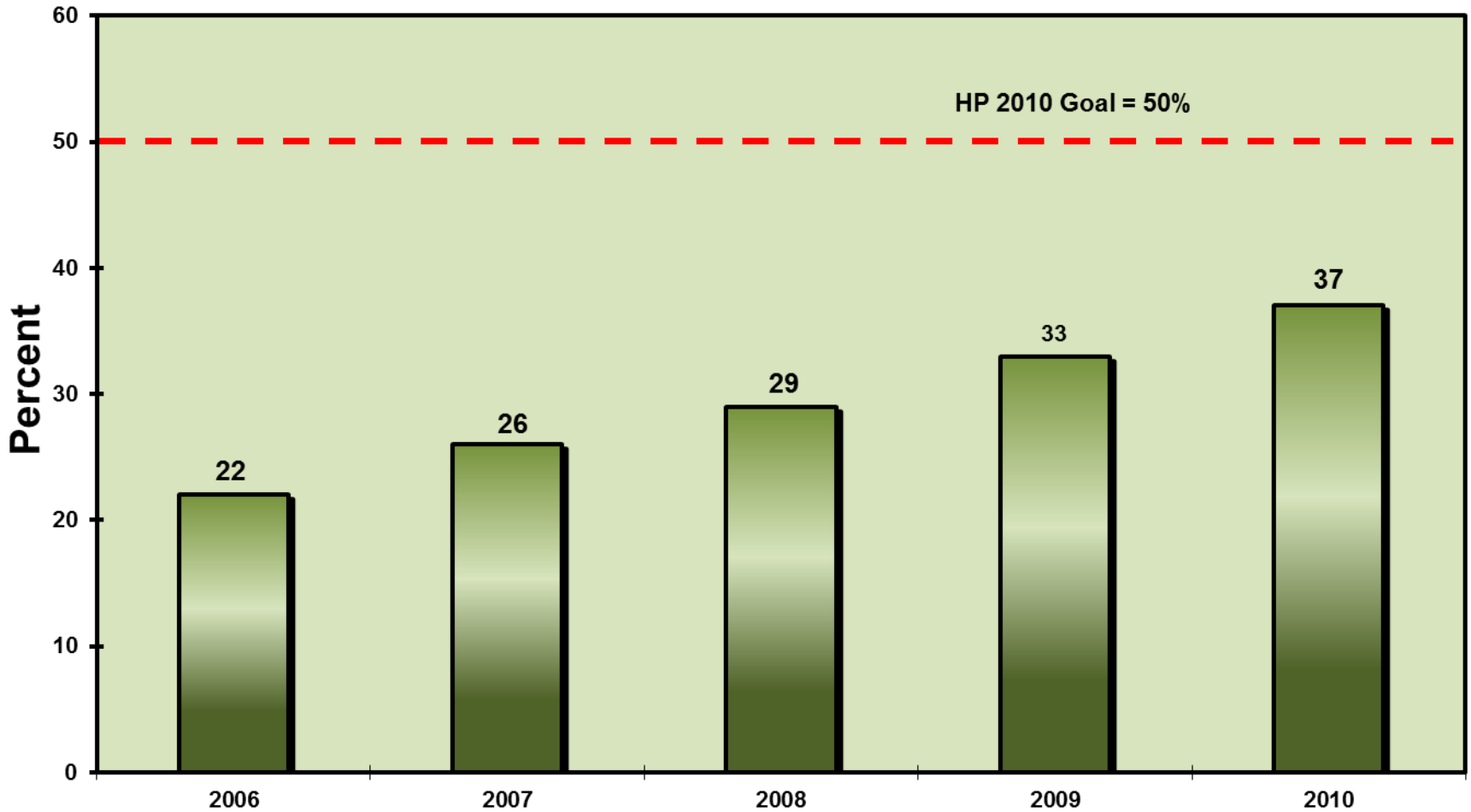


CANCER SCREENING: BREAST (MAMMOGRAPHY)

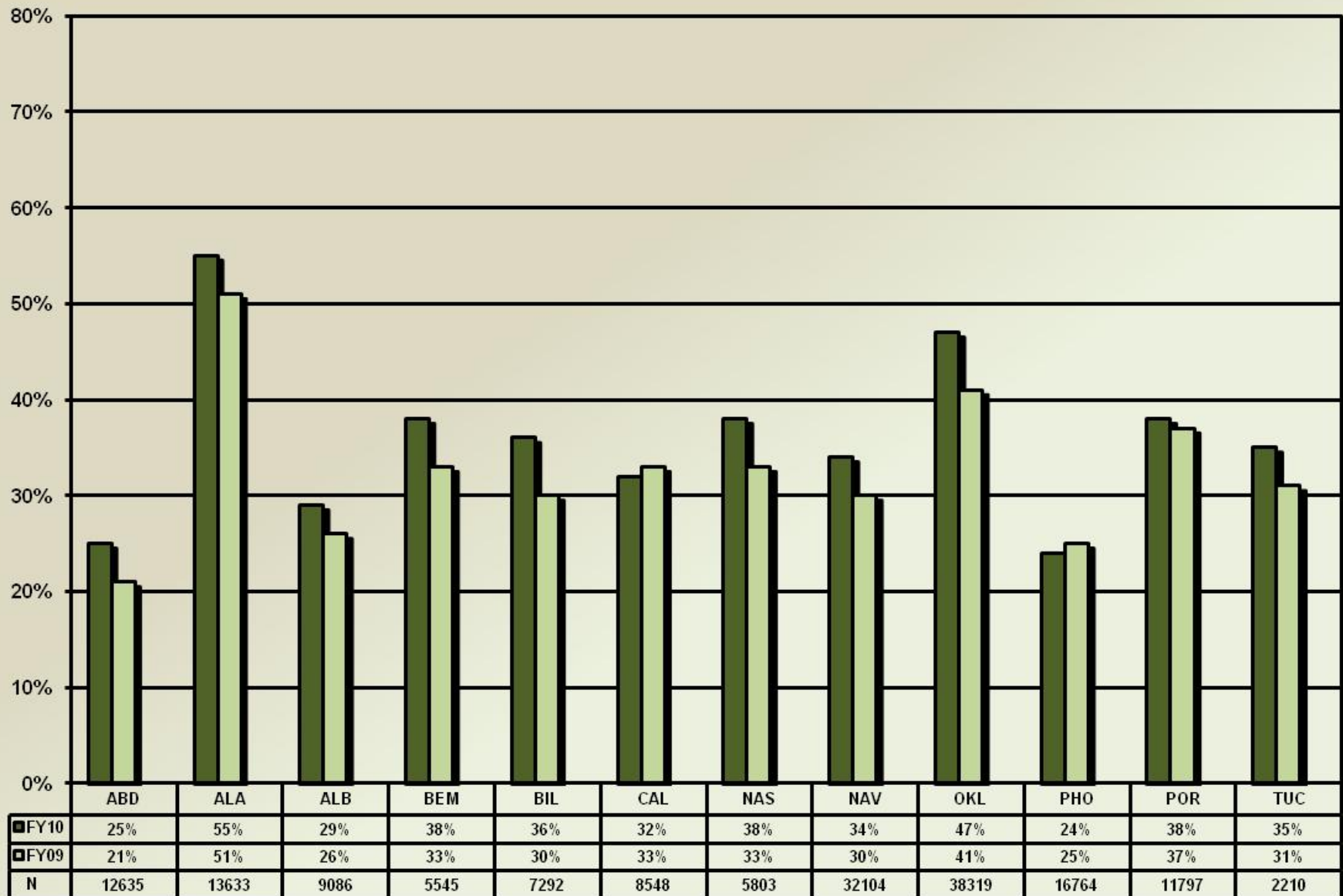


Cancer Screening: Colorectal

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

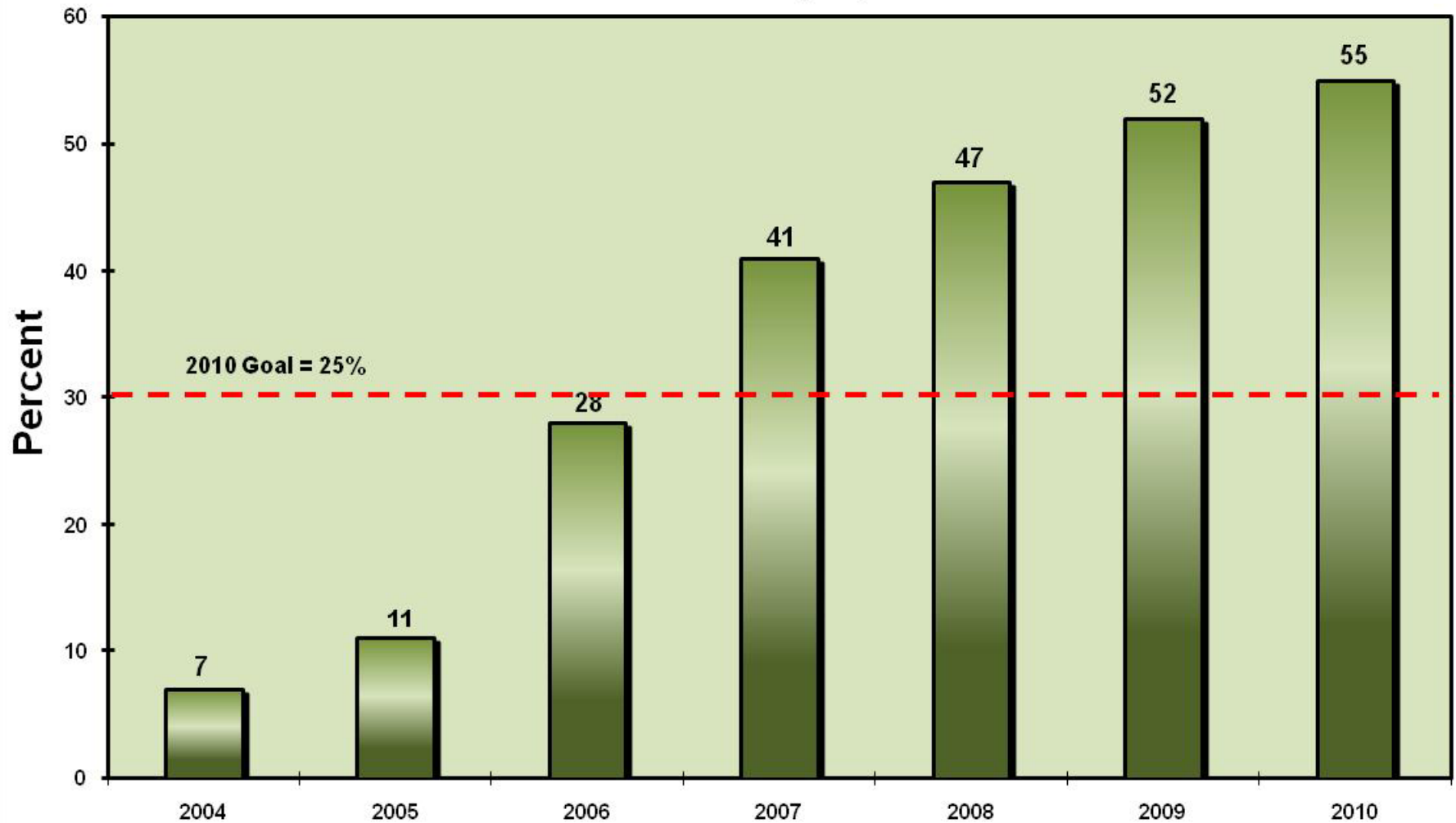


CANCER SCREENING: COLORECTAL

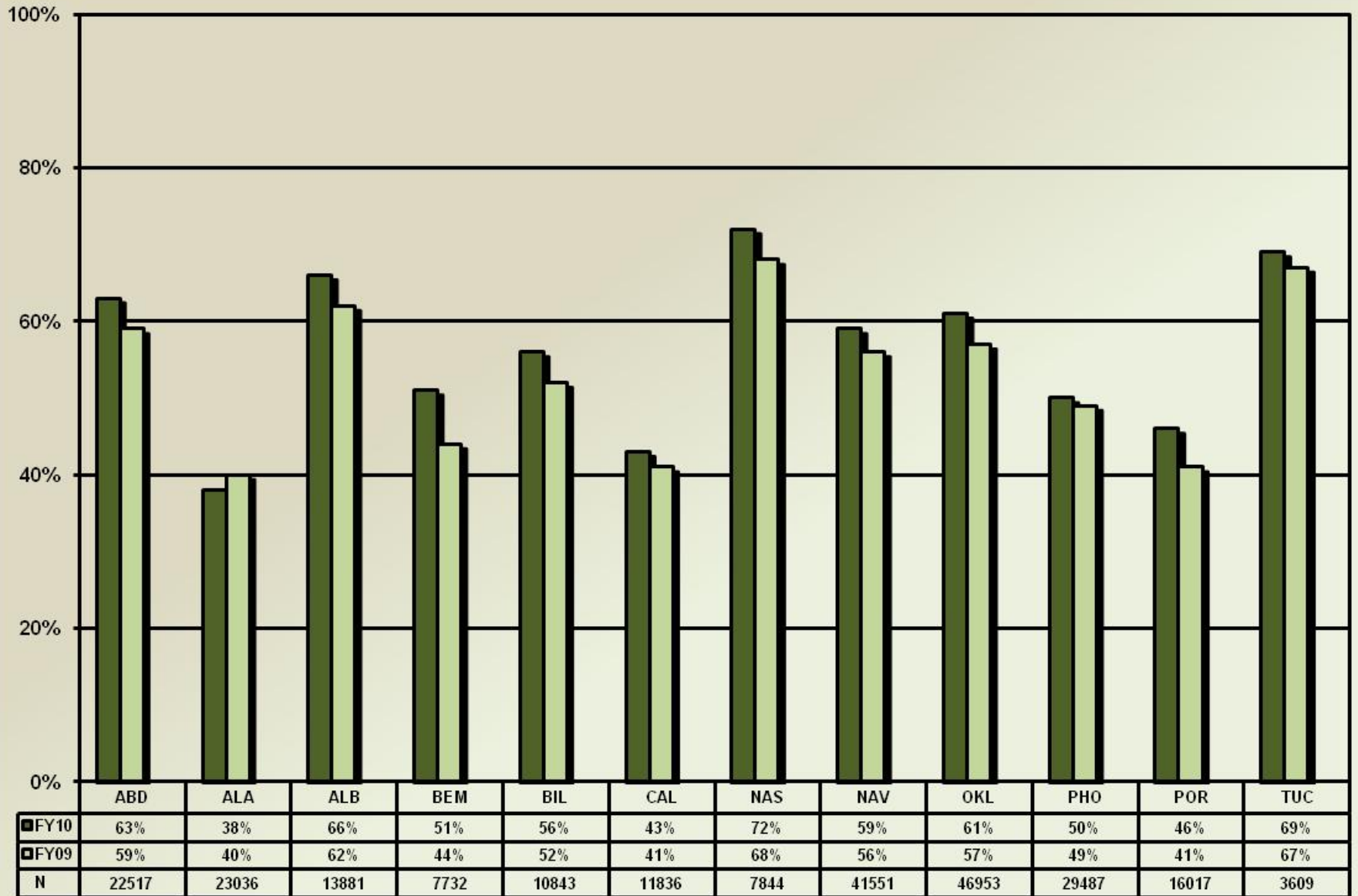


Alcohol Screening: Fetal Alcohol Syndrome (FAS) Prevention

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

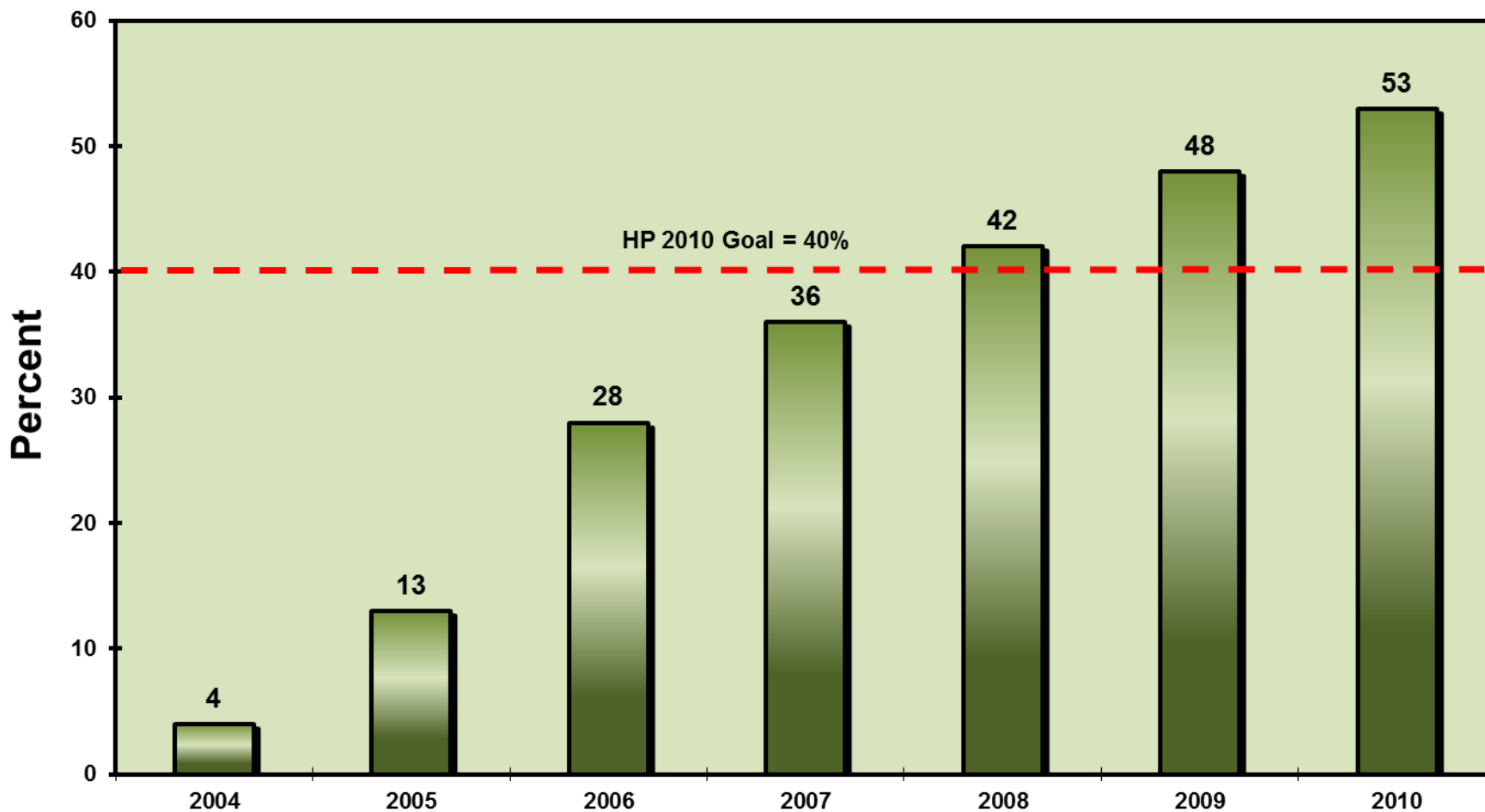


ALCOHOL SCREENING: FAS PREVENTION

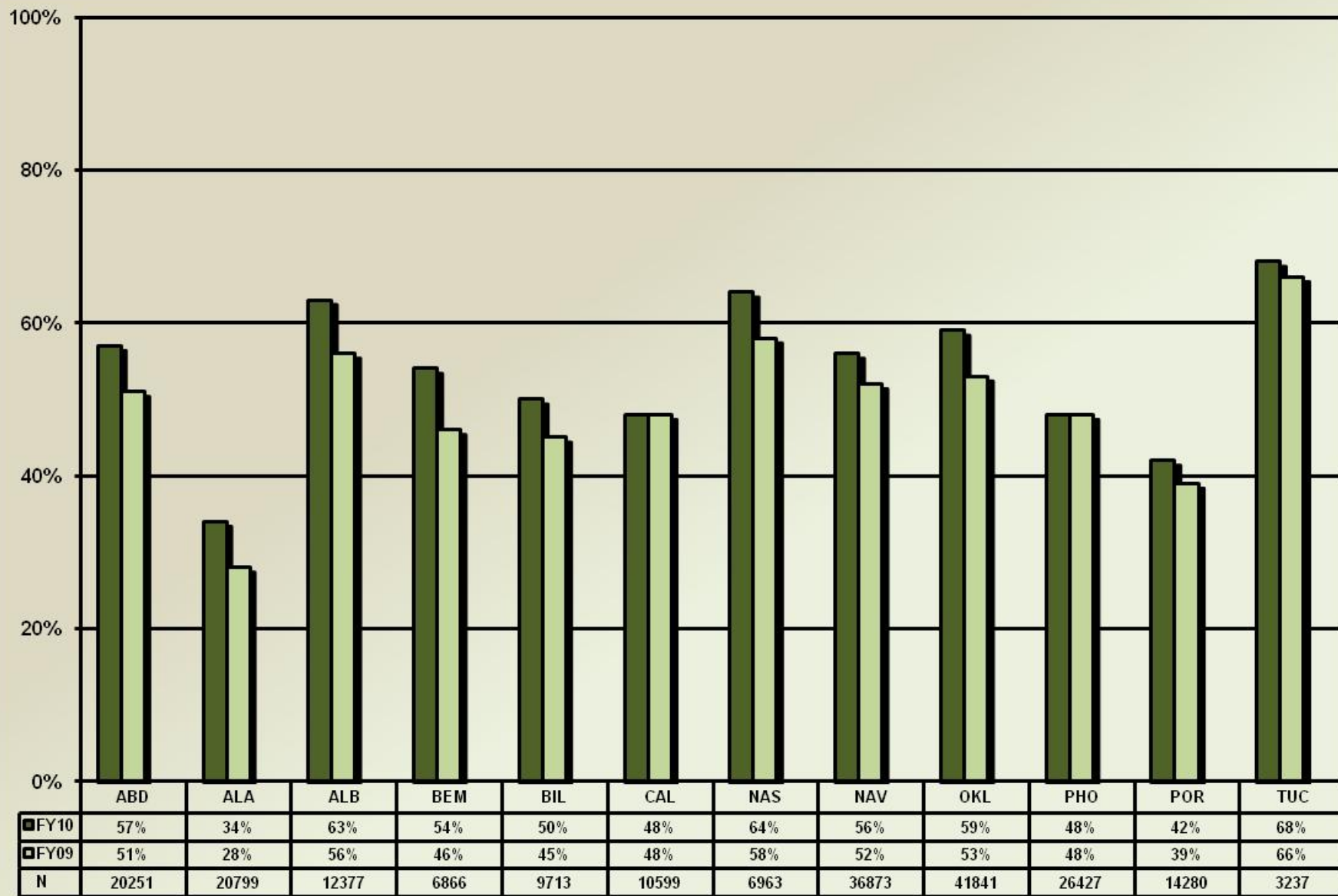


Domestic Violence/Intimate Partner Violence Screening:

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

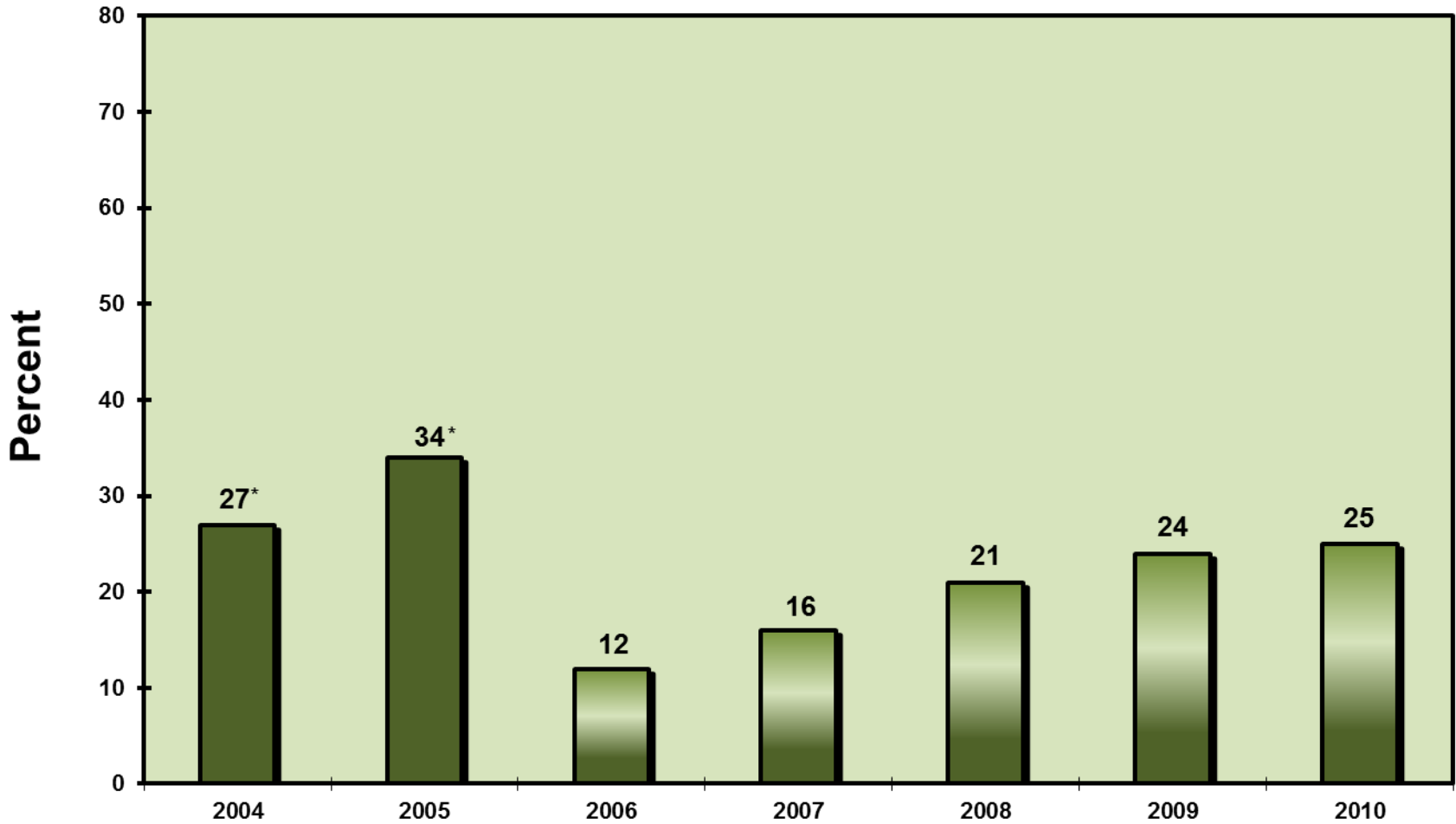


DOMESTIC VIOLENCE/INTIMATE PARTNER VIOLENCE SCREENING



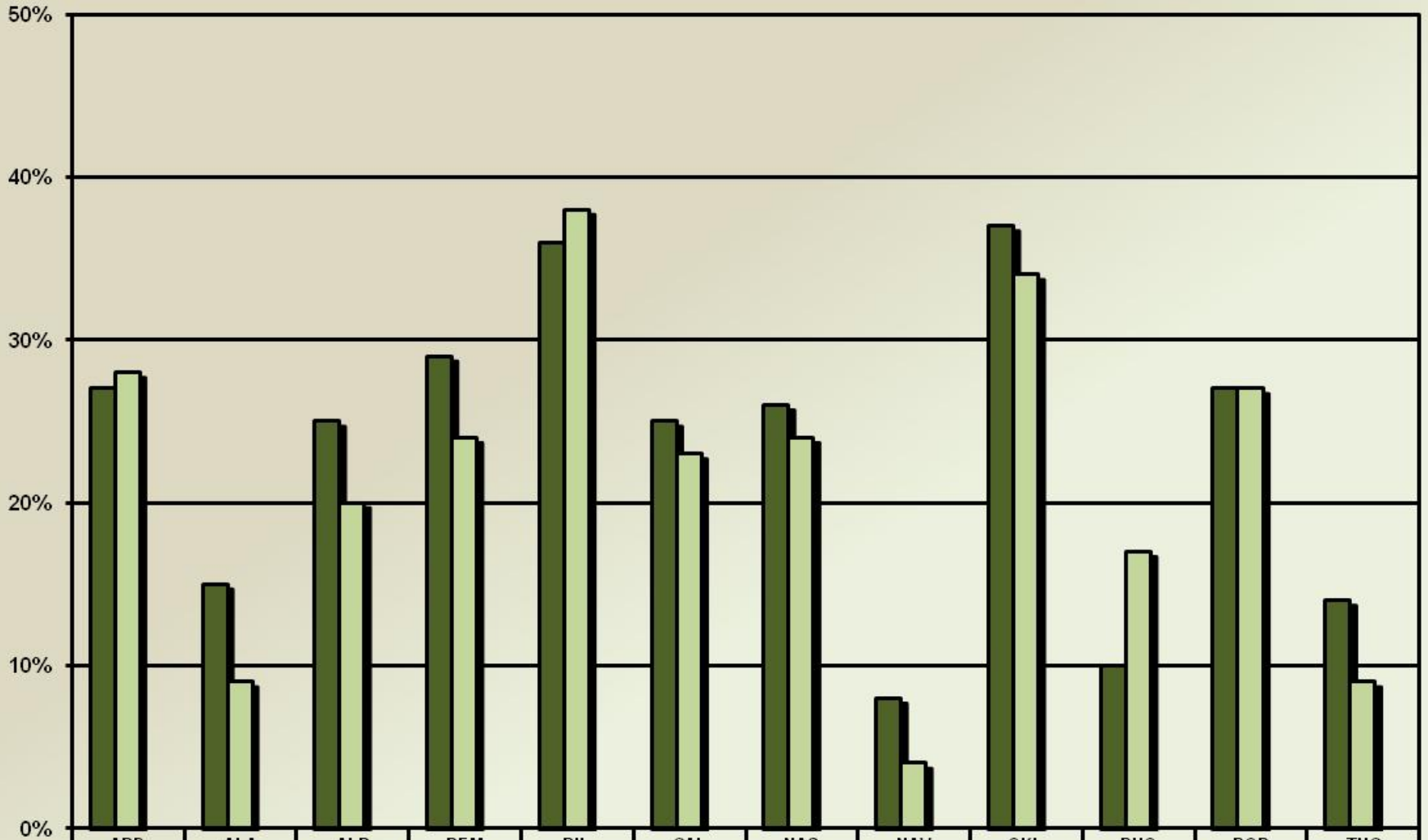
Tobacco Cessation

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.

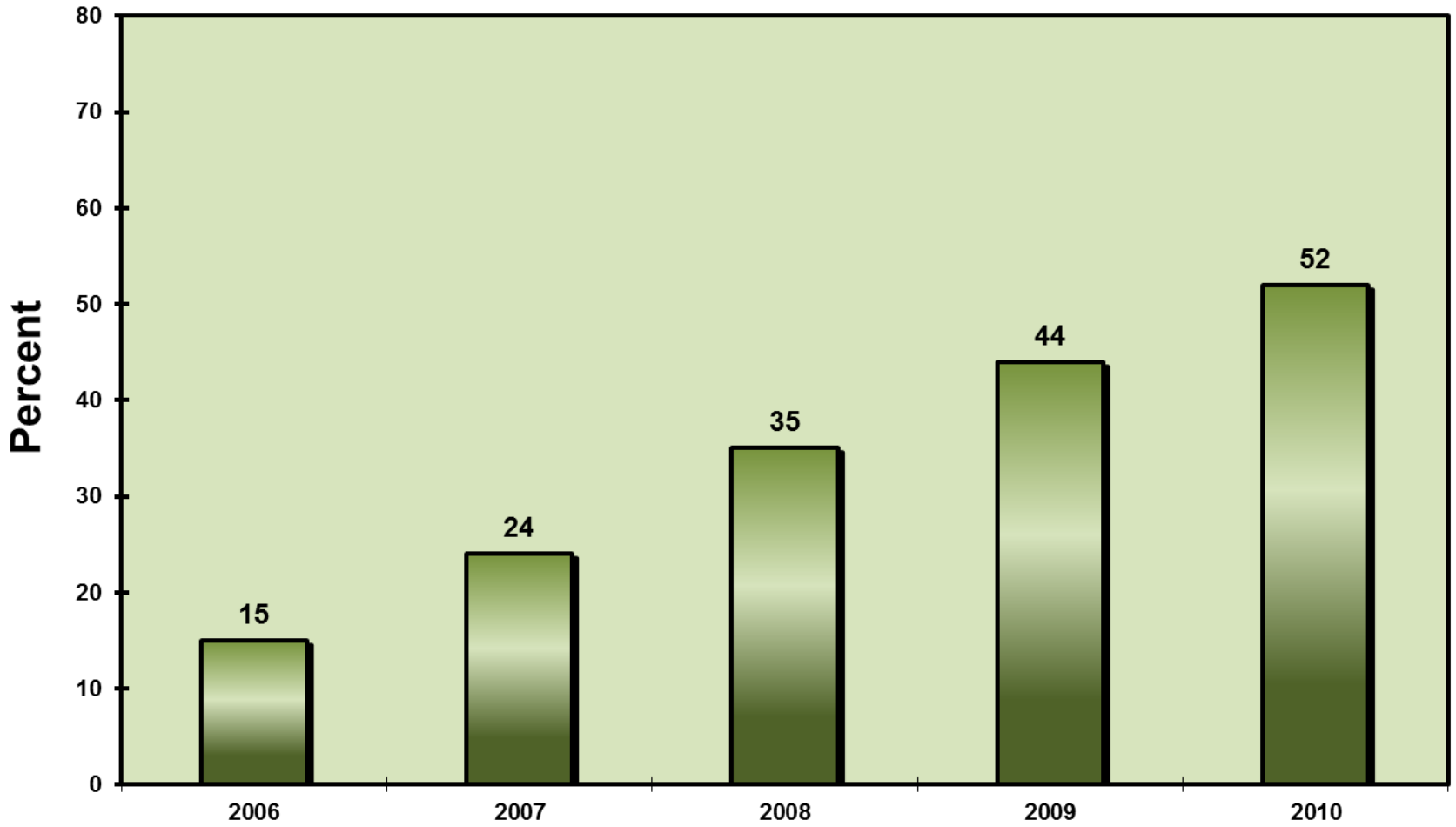
TOBACCO CESSATION



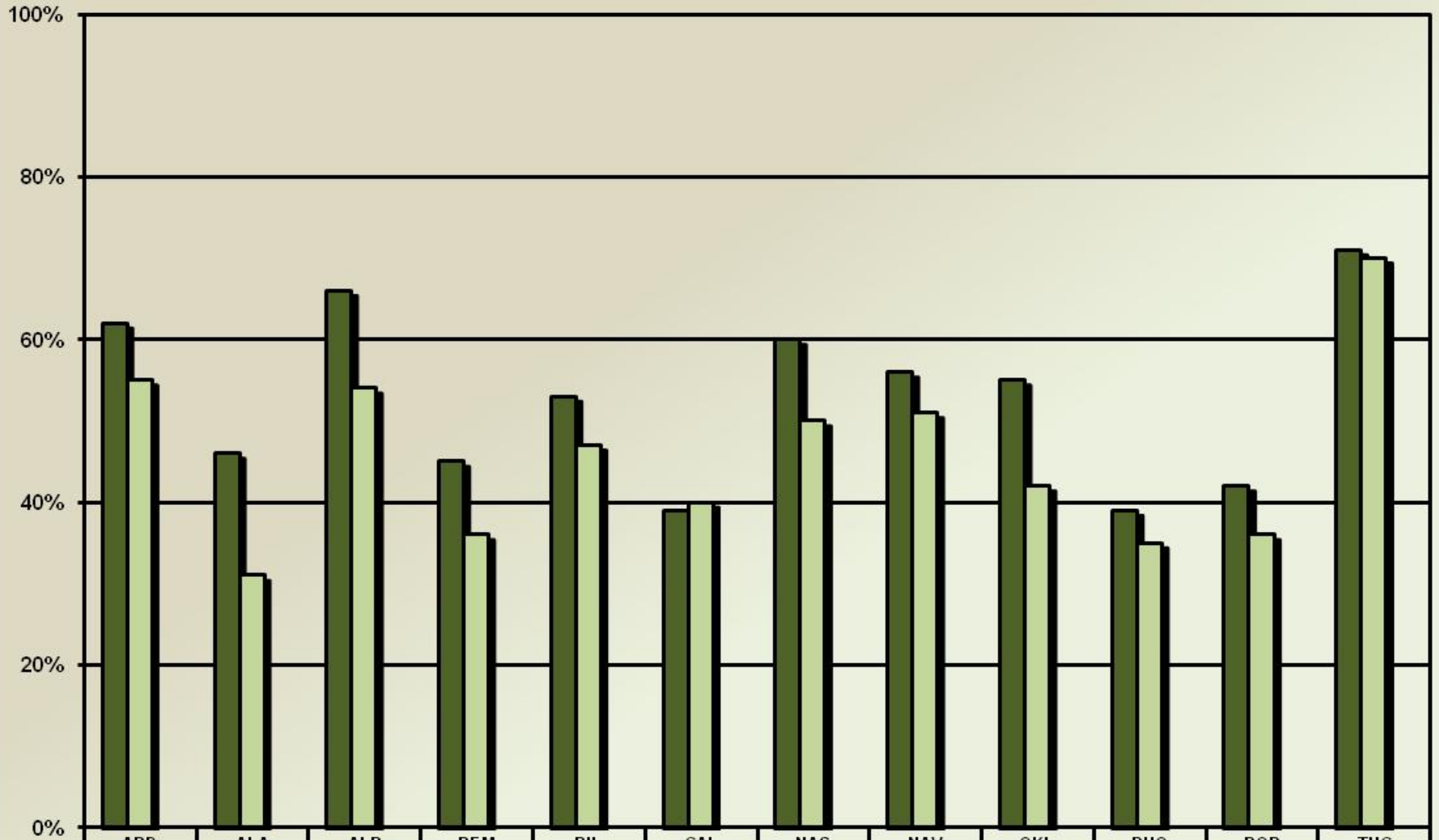
FY10	27%	15%	25%	29%	36%	25%	26%	8%	37%	10%	27%	14%
FY09	28%	9%	20%	24%	38%	23%	24%	4%	34%	17%	27%	9%
N	28367	36108	7408	10729	15502	11570	9435	11786	50050	14434	19290	1972

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.



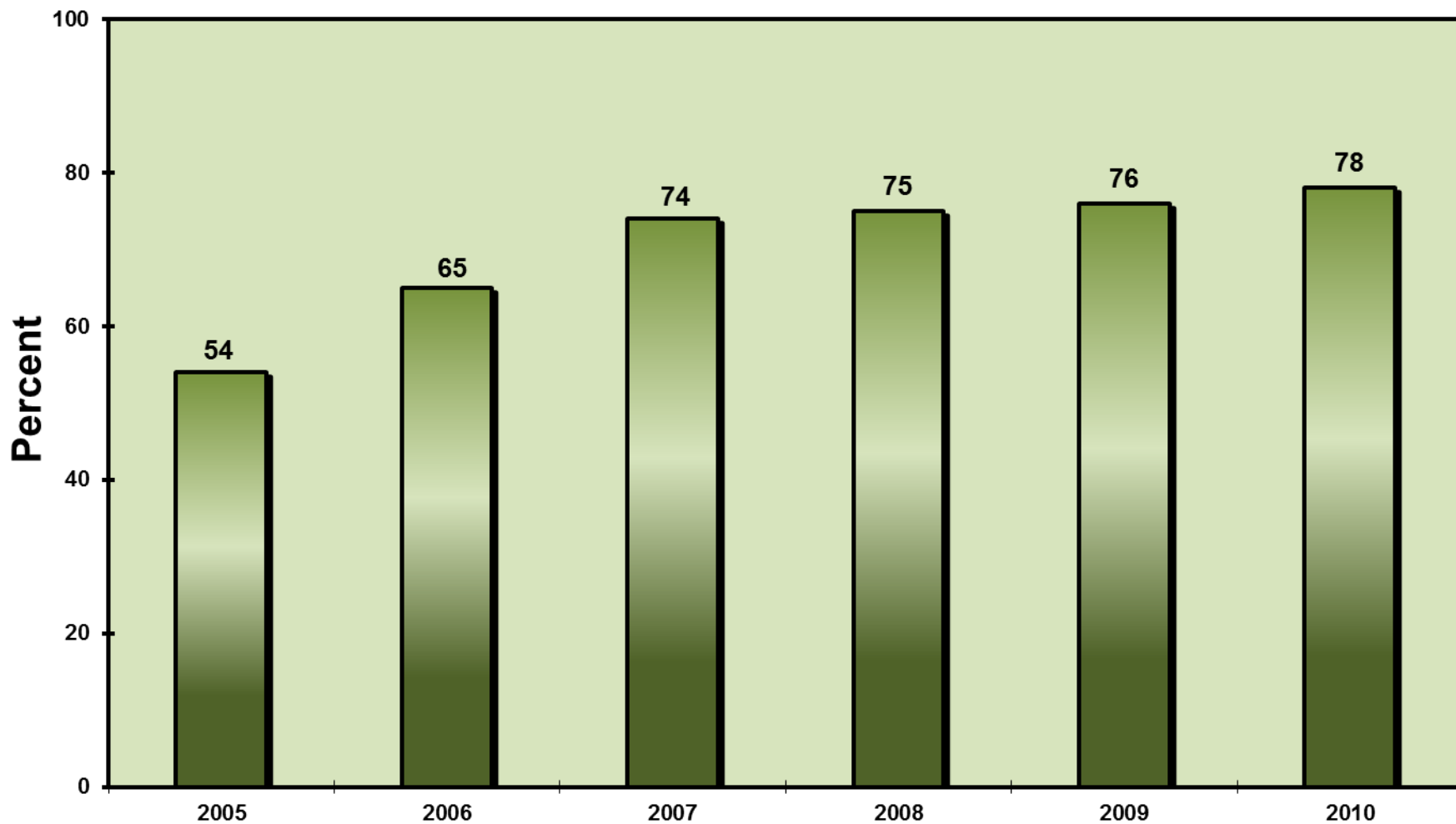
DEPRESSION SCREENING



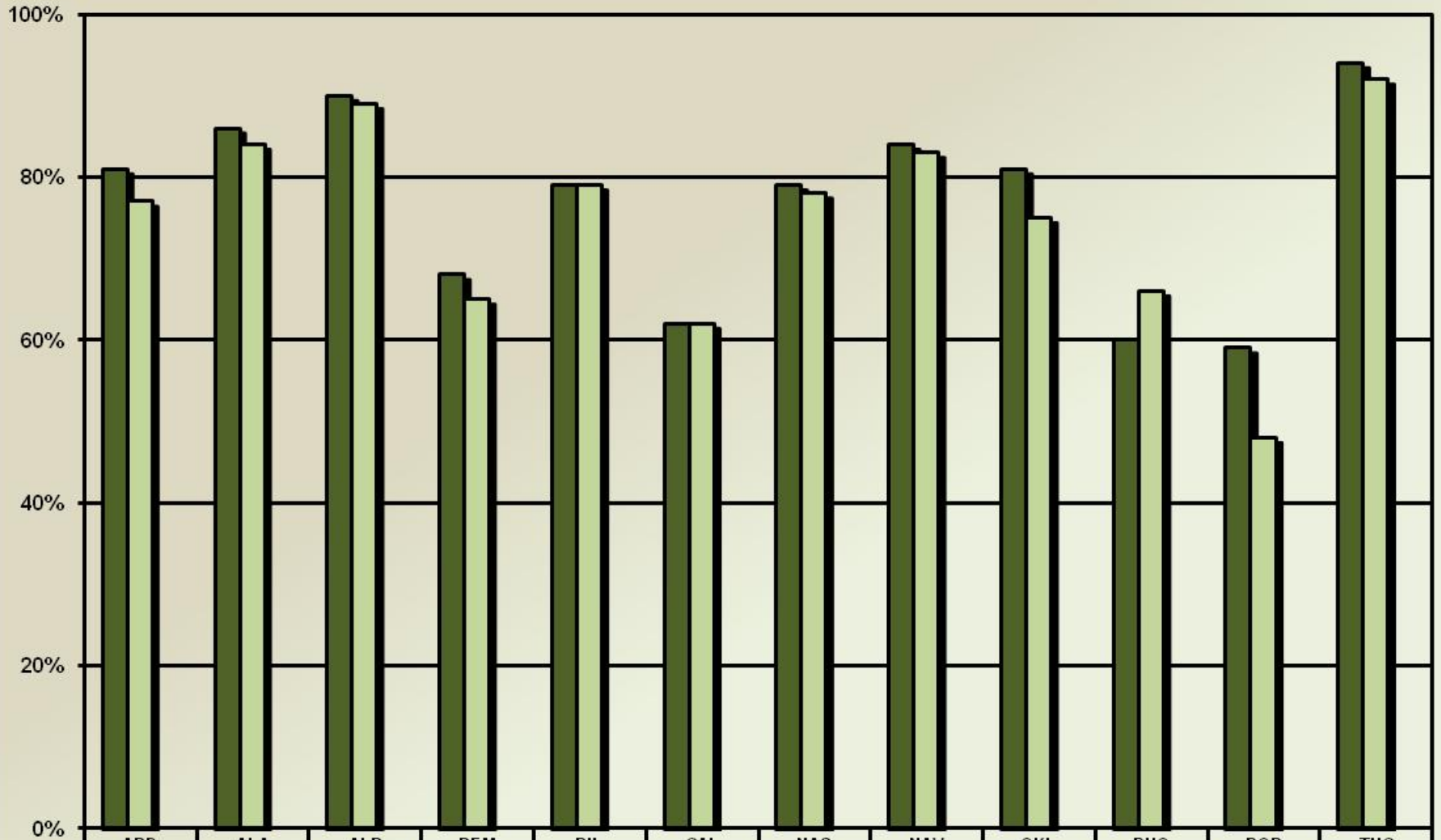
FY10	62%	46%	66%	45%	53%	39%	60%	56%	55%	39%	42%	71%
FY09	55%	31%	54%	36%	47%	40%	50%	51%	42%	35%	36%	70%
N	52934	56427	33804	20724	28402	31002	20804	109080	125750	68197	42521	8364

Prenatal HIV Screening

Pregnant women screened for HIV within the past 20 months.



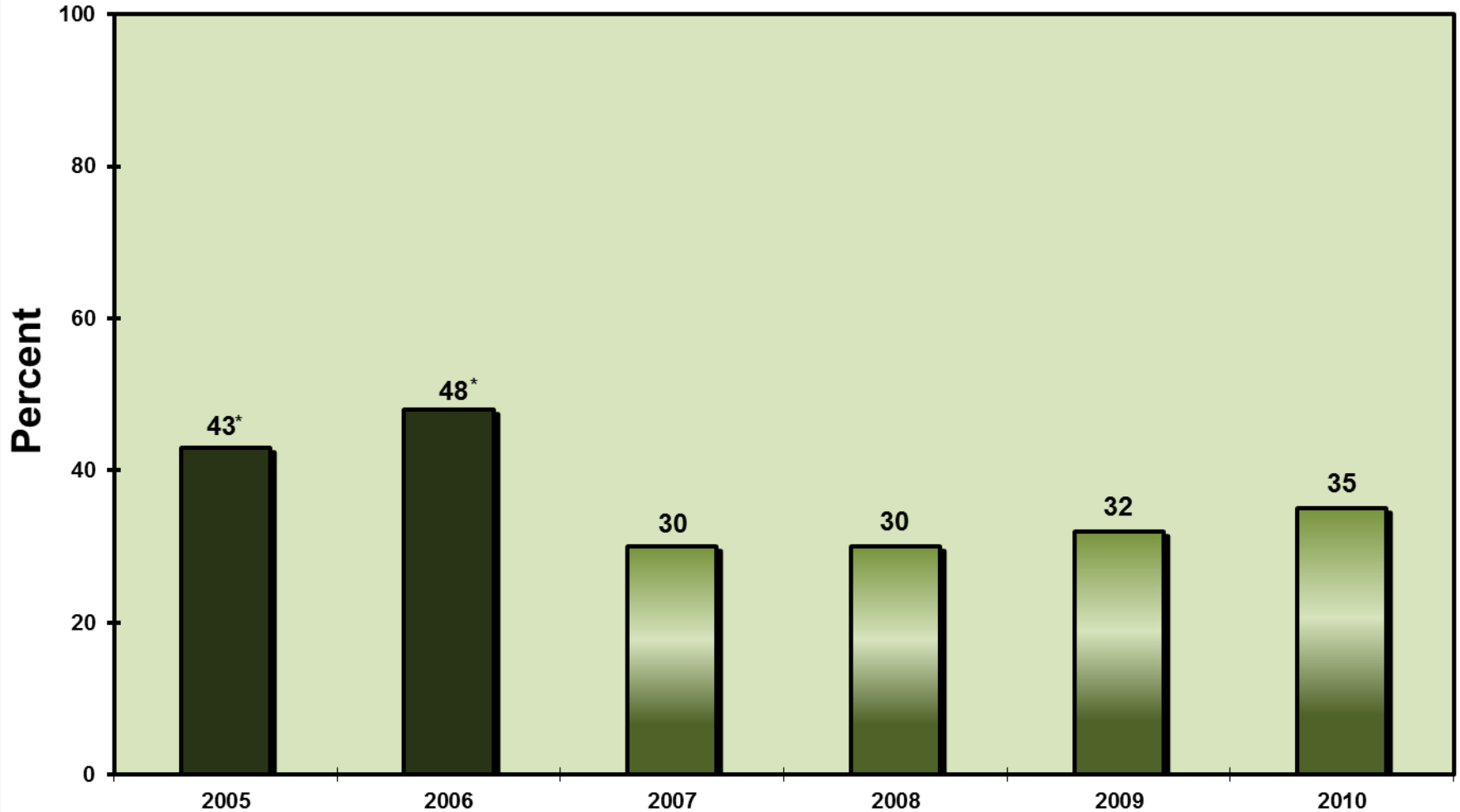
PRENATAL HIV SCREENING



FY10	81%	86%	90%	68%	79%	62%	79%	84%	81%	60%	59%	94%
FY09	77%	84%	89%	65%	79%	62%	78%	83%	75%	66%	48%	92%
N	3134	3303	1403	764	1454	697	865	4693	3142	3525	1280	414

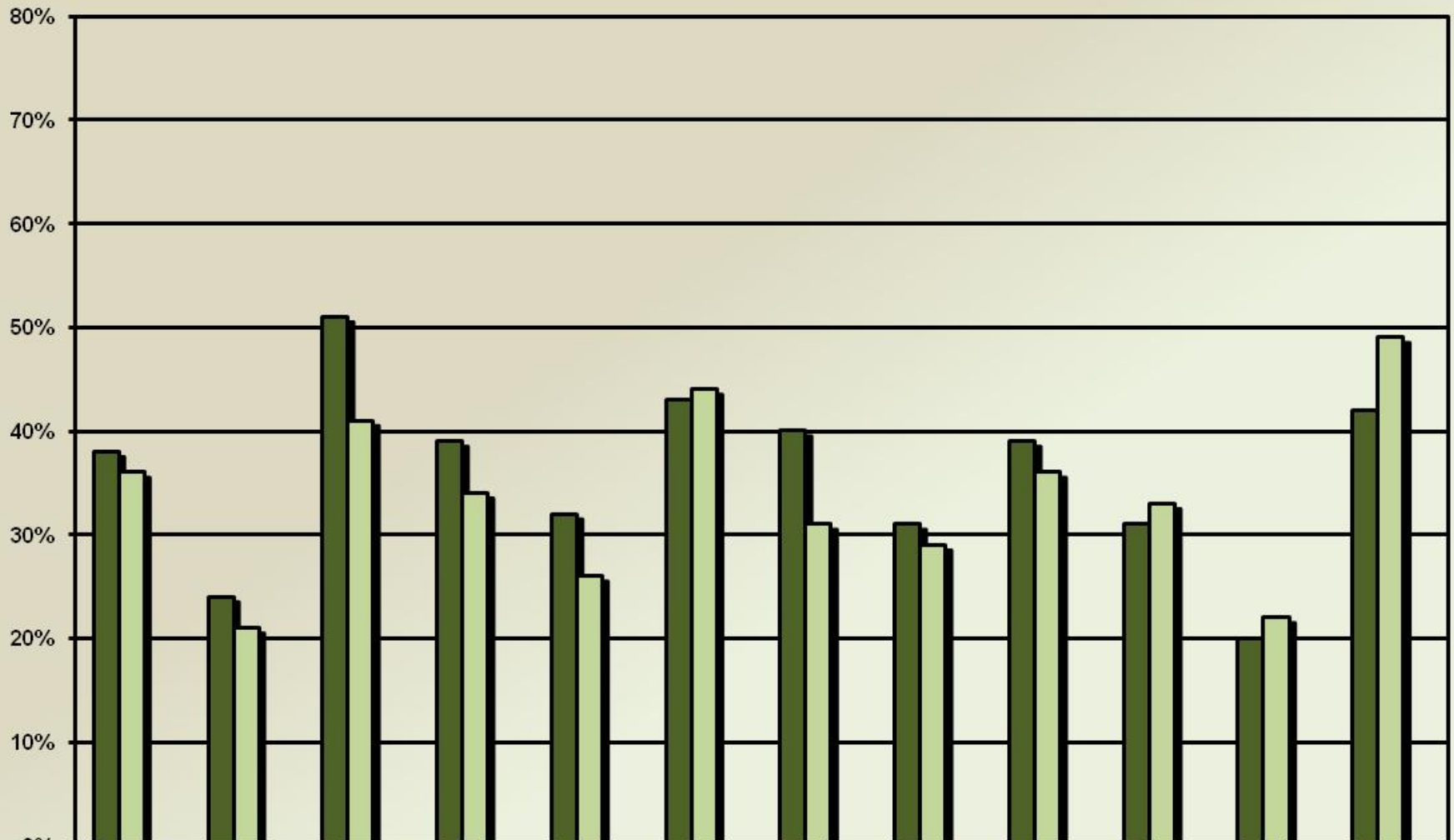
CVD Prevention: Comprehensive Assessment

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.

CVD PREVENTION – COMP ASSESSMENT



	ABD	ALA	ALB	BEM	BIL	CAL	NAS	NAV	OKL	PHO	POR	TUC
■ FY10	38%	24%	51%	39%	32%	43%	40%	31%	39%	31%	20%	42%
■ FY09	36%	21%	41%	34%	26%	44%	31%	29%	36%	33%	22%	49%
N	4837	2522	1937	1666	2256	1294	1615	4301	9628	3105	2479	260

2010 National Dashboard (IHS/Tribal) - Final

2010 Final National Dashboard (IHS/Tribal)					
DIABETES	2009 Target	2009	2010 Target	2010	2010 Final Results
Diabetes Dx Ever	N/A	12%	N/A	12%	N/A
Documented A1c	N/A	80%	N/A	82%	N/A
Poor Glycemic Control	18%	18%	16%	18%	NOT MET
Ideal Glycemic Control	30%	31%	33%	32%	NOT MET
Controlled BP <130/80	36%	37%	40%	38%	NOT MET
LDL Assessed	60%	65%	69%	67%	NOT MET
Nephropathy Assessed	47%	50%	54%	55%	MET
Retinopathy Exam	47%	51%	55%	53%	NOT MET
DENTAL					
Dental Access	24%	25%	27%	25%	NOT MET
Sealants	229,147	257,067	257,920	275,459	MET
Topical Fluoride- Patients	114,716	136,794	136,978	145,181	MET
IMMUNIZATIONS					
Influenza 65+	62%	59%	60%	62%	MET
Pneumovax 65+	82%	82%	83%	84%	MET
Childhood IZ ^a	78%	79%	80%	79%	NOT MET
PREVENTION					
Pap Screening	59%	59%	60%	59%	NOT MET
Mammography Screening	45%	45%	47%	48%	MET
Colorectal Cancer Screening	29%	33%	36%	37%	MET
Tobacco Cessation	21%	24%	27%	25%	NOT MET
Alcohol Screening (FAS Prevention)	47%	52%	55%	55%	MET
DV/IPV Screening	42%	48%	53%	53%	MET
Depression Screening	35%	44%	53%	52%	NOT MET
CVD-Comprehensive Assessment	30%	32%	33%	35%	MET
Prenatal HIV Screening	75%	76%	77%	78%	MET
Childhood Weight Control ^b	N/A	25%	24%	25%	NOT MET

^aVaricella vaccine added to Childhood Immunization series in FY 2010.

^bLong-term measure as of FY 2009.

Measures Met = 11
Measures Not Met = 11
Total Measures = 22