FY 2020 GPRA/GPRAMA IDCS National Results

INDIAN HEALTH SERVICE (IHS) GPRA/GPRAMA PERFORMANCE RESULTS

Introduction

Beginning with FY 2018, IHS clinical GPRA results are calculated from the Integrated Data Collection System (IDCS), a data mart within the National Data Warehouse (NDW) General Data Mart. Service unit/health program data is exported to the NDW by reporting sites for inclusion in GPRA results.

The measure logic is programmed centrally within the IDCS data mart and mimics the CRS measure logic, which is located here

Each clinical measure has two graphs:
◦ IHS 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.

◦ FY 2020 National results include data from IHS, Tribal, and Urban Indian health programs (prior to FY 2018 urban results were posted separately).
◦ FY 2019 National results include data from IHS, Tribal, and Urban Indian health programs (prior to FY 2018 urban results were posted separately).

Area Abbreviations

Abbreviation	Area
ALA	Alaska
ALB	Albuquerque
BEM	Bemidji
BIL	Billings
CAL	California
GPA	Great Plains
NAS	Nashville
NAV	Navajo
OKL	Oklahoma
PHX	Phoenix
POR	Portland
TUC	Tucson

Acronym Definitions

Acronym	Definition
NPIRS	National Patient Information Reporting System
NDW	National Data Warehouse
IDCS	Integrated Data Collection 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
MH	Million Hearts
HIV	Human Immunodeficiency Virus
SBIRT	Screening, Brief Intervention, & Referral to Treatment

GPRA 2020 Results Summary

Of the 26 measures that IHS/Tribal/Urban programs reported in FY 2020:

◦ 6 measures improved over FY 2019 results*
◦ 2 measures had no change from FY 2019 results
◦ 18 measures decreased in performance from FY 2019 results
◦ 3 measures met or exceeded FY 2020 targets
◦ 23 measures did not meet FY 2020 targets
◦ The DV/IPV GPRAMA measure did not meet the 2020 target

*FY 2020 results were expected to be significantly lower in FY 2020 due to the COVID pandemic and its impact on the healthcare system

FY 2020 IHS/Tribal/Urban Results Summary

In FY 2020, 6 measures improved over FY 2019 performance

Measure	FY 2019 Q4	FY 2020 Q4	% Improvement
Diabetes: Statin Therapy	47.4%	50.2%	2.8%
HIV Screen Ever	30.9%	33.7%	2.8%
CVD Statin Therapy	32.2%	34.5%	2.3%
Diabetes: Poor Glycemic Control	17.4%	16.4%	1.0%
Influenza Vaccination 18+	23.6%	24.3%	0.7%
Breastfeeding Rates	38.7%	39.3%	0.6%

FY 2020 IHS/Tribal/Urban Results Summary

In FY 2020, 2 measures had no change in performance from FY 2019

Measure	FY 2019 Q4	FY 2020 Q4	% Change
Influenza Vaccination 6mo – 17yrs	25.7%	25.7%	0.0%
SBIRT	14.9%	14.9%	0.0%

FY 2020 IHS/Tribal/Urban Results Summary

In FY 2020, 18 measures decreased in performance from FY 2019

Measure	FY 2019 Q4	FY 2020 Q4	% Decrease
Adult Immunizations	53.3%	39.1%	14.2%
Diabetes: Retinopathy Exam	49.7%	37.4%	12.3%
Topical Fluorides	32.1%	22.1%	10.0%
Tobacco Cessation	32.9%	25.3%	7.6%
Depression Screening 12-17yrs	37.3%	30.1%	7.2%
Dental: General Access	30.0%	22.9%	7.1%
Universal Alcohol Screening	40.7%	34.0%	6.7%
IPV/DV Screening	36.3%	30.2%	6.1%
Diabetes: Nephropathy Assessed	44.0%	38.8%	5.2%

FY 2020 IHS/Tribal/Urban Results Summary
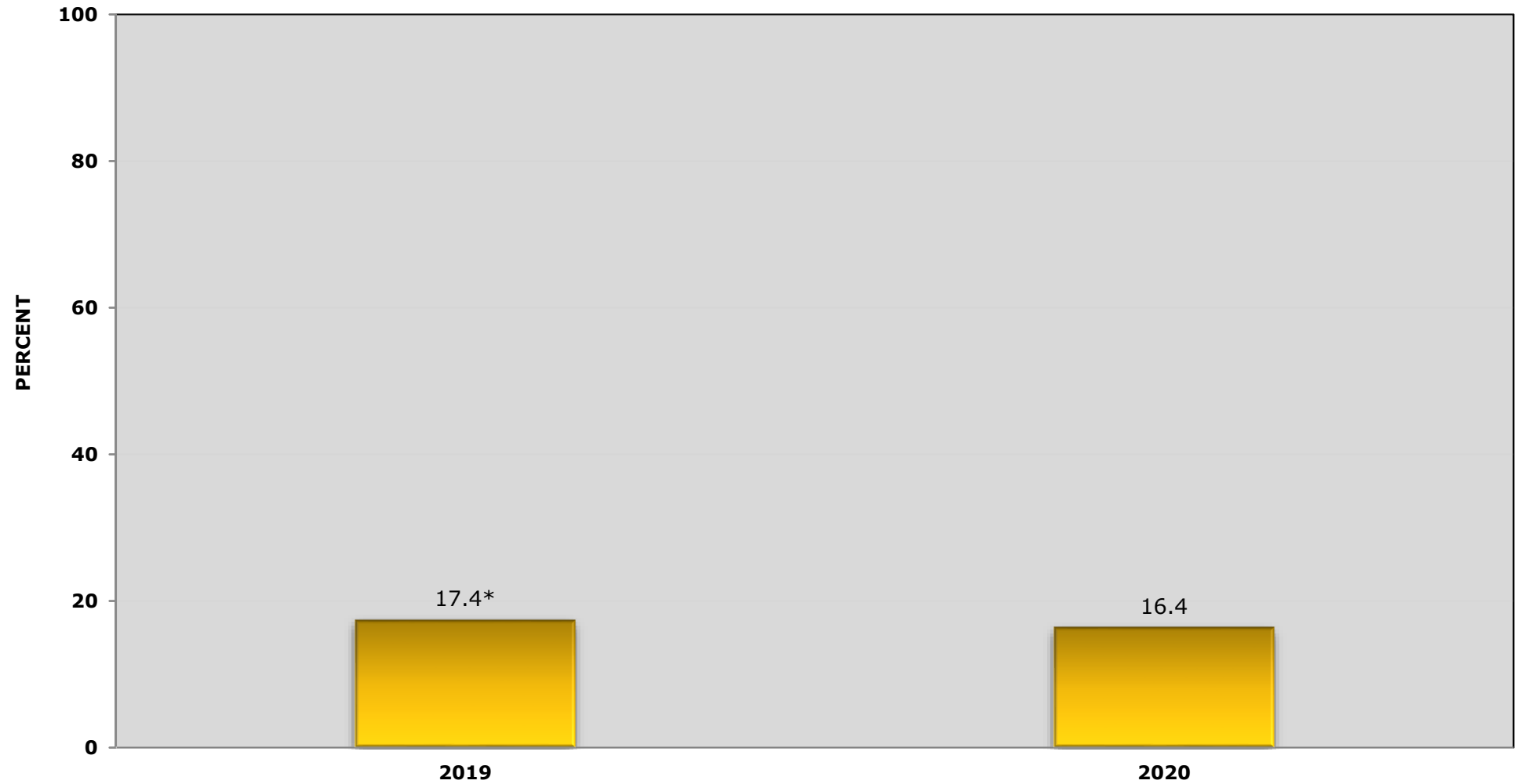
(continued from previous slide):
In FY 2020, 18 measures decreased in performance from FY 2019

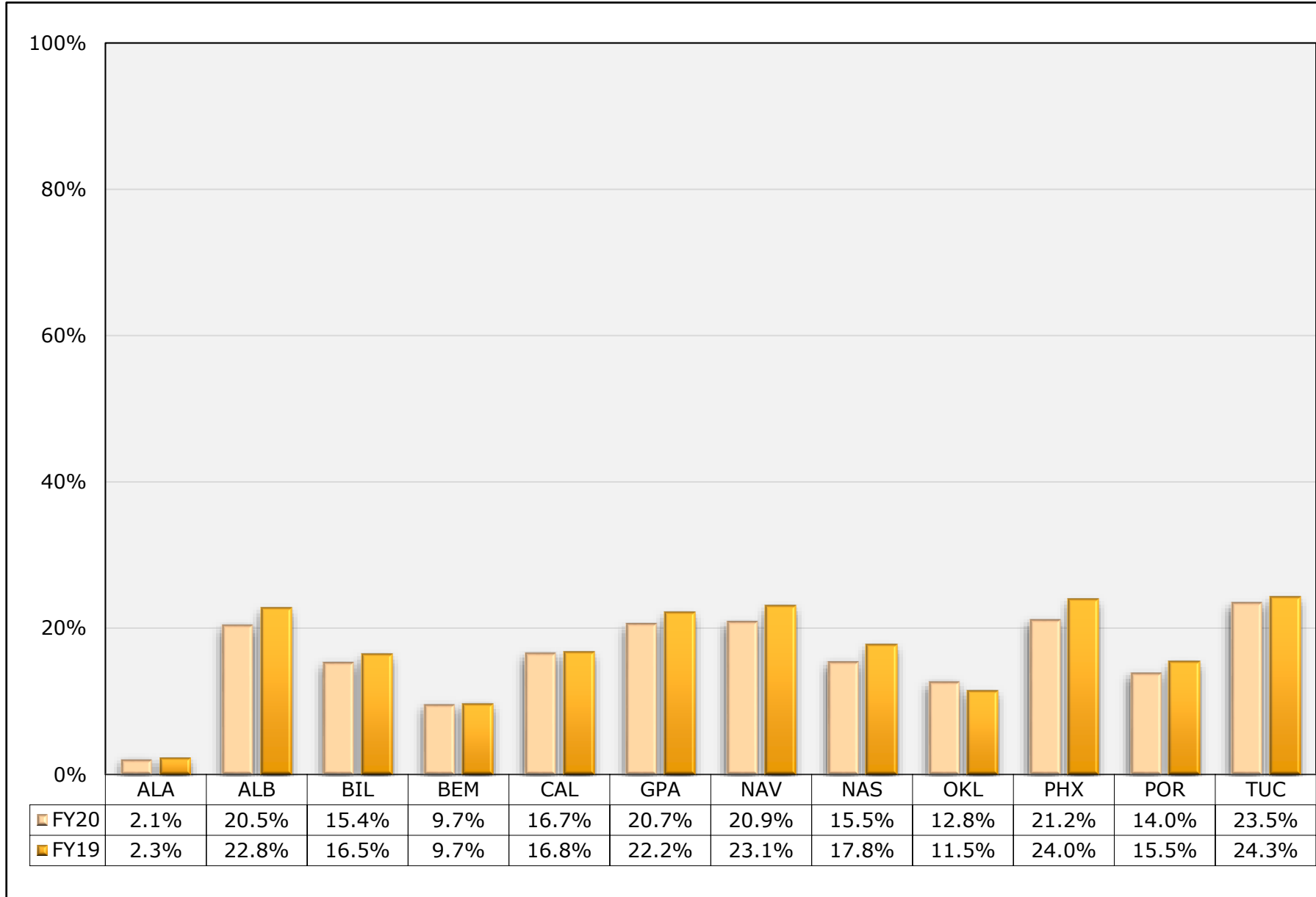| Measure	FY 2019 Q4	FY 2020 Q4	% Decrease
Depression Screening 18+	42.6%	37.4%	5.2%
Mammography Screening	42.0%	36.9%	5.1%
Dental: Sealants	15.9%	11.2%	4.7%
Diabetes: Controlled BP	57.2%	52.7%	4.5%
Controlling High BP (MH)	41.5%	37.9%	3.6%
Colorectal Cancer Screening	31.5%	28.6%	2.9%
Cervical (Pap) Screening	37.1%	35.3%	1.8%
Childhood Immunizations	41.4%	39.9%	1.5%
Childhood Weight Control	22.7%	23.3%	0.6%

Diabetes: Poor Glycemic Control
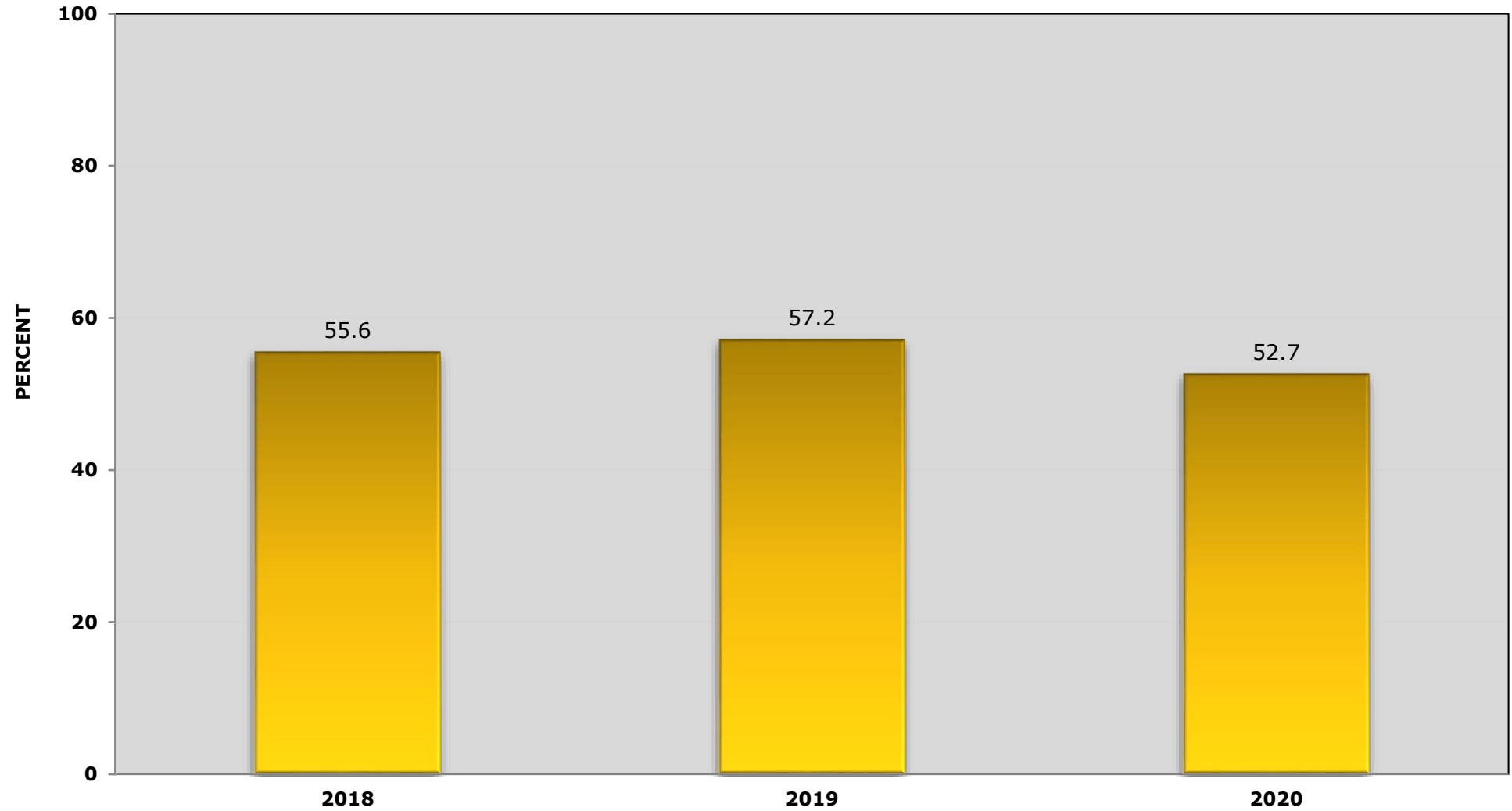## AI/AN patients with diabetes who have had Poor A1c control (>9) during the past year.

*New measure in FY 2019

Diabetes: Poor Glycemic Control

	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	2.1%	20.5%	15.4%	9.7%	16.7%	20.7%	20.9%	15.5%	12.8%	21.2%	14.0%	23.5%
FY19	2.3%	22.8%	16.5%	9.7%	16.8%	22.2%	23.1%	17.8%	11.5%	24.0%	15.5%	24.3%

Diabetes: Blood Pressure Control

AI/AN patients with diabetes who have maintained BP control (<140/90) during the past year.

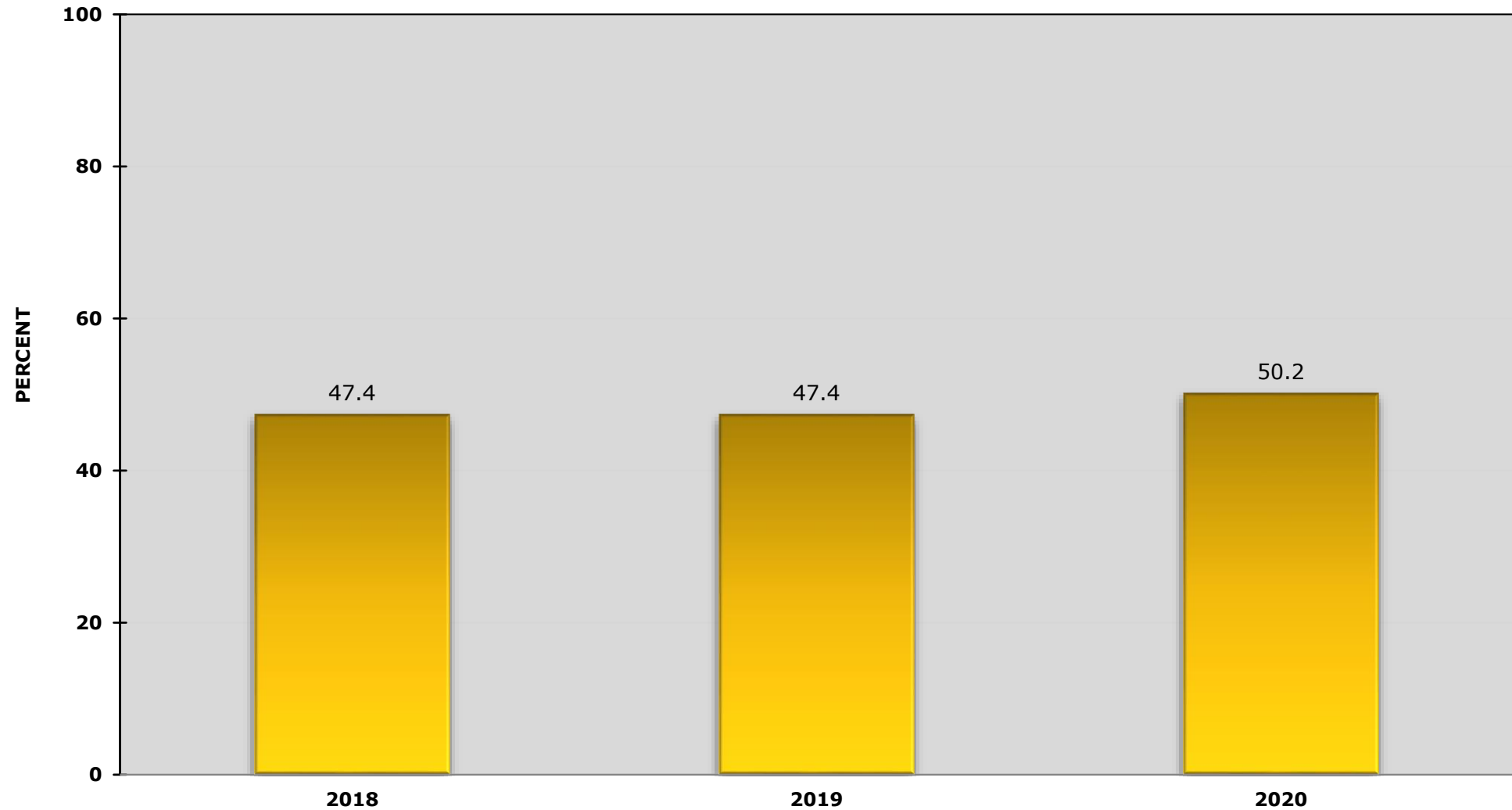# Diabetes: Blood Pressure Control (<140/90)

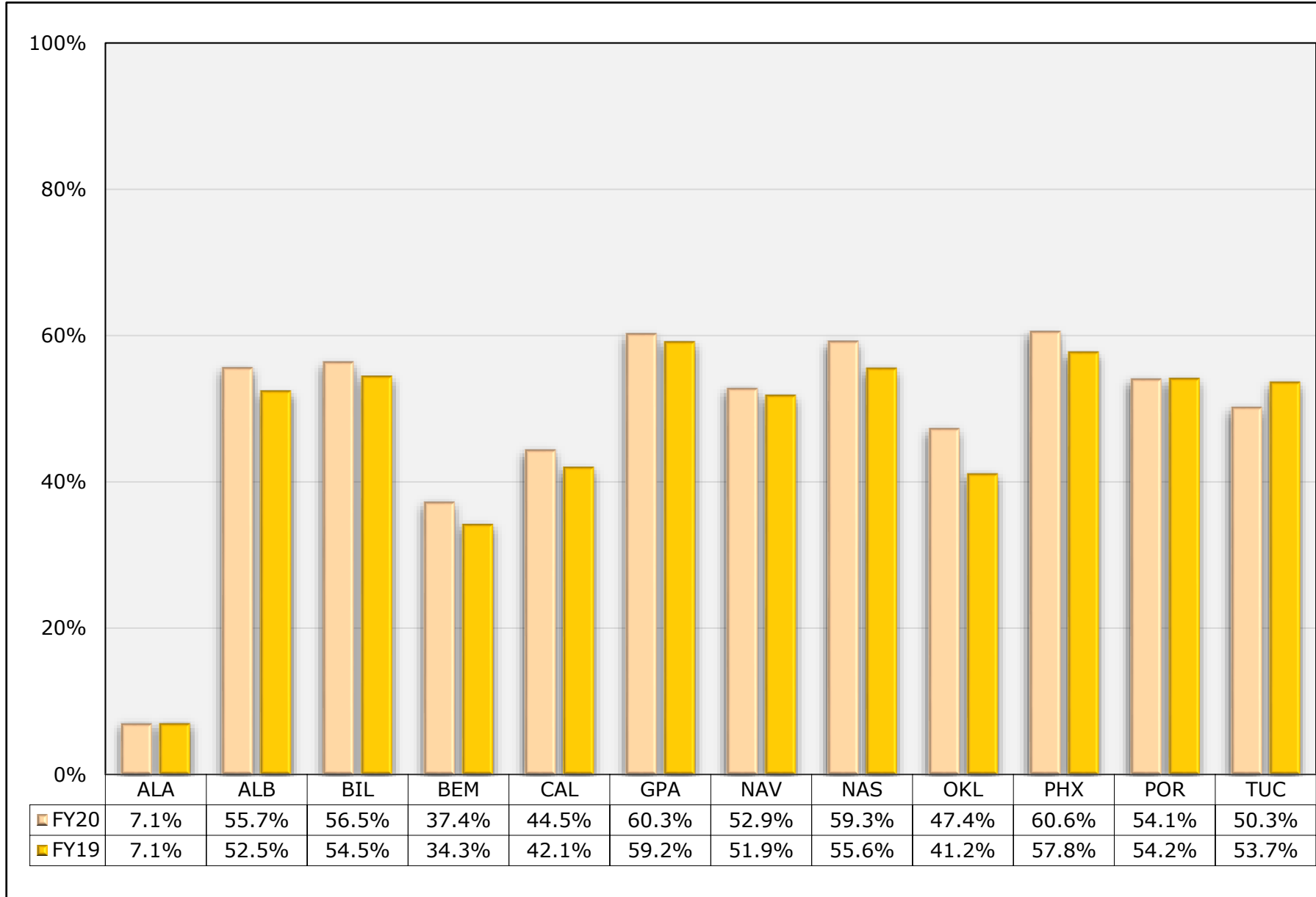|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	59.2%	52.7%	47.3%	34.0%	58.0%	53.2%	48.5%	51.1%	57.9%	56.7%	47.2%	57.5%
FY19	64.2%	61.9%	52.3%	35.3%	62.0%	59.1%	56.3%	55.2%	57.9%	62.2%	55.1%	64.2%
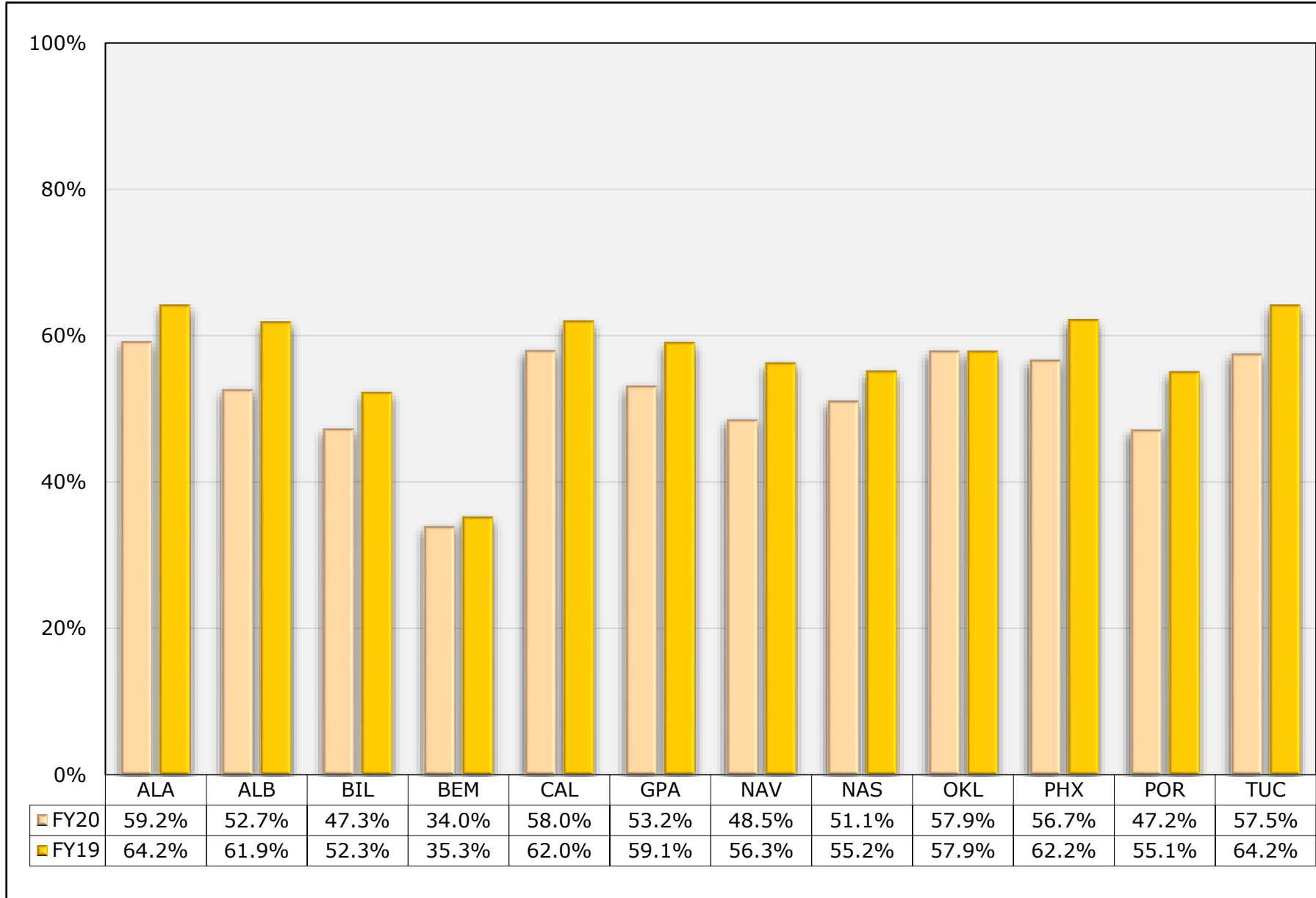
Diabetes: Statin Therapy to Prevent Cardiovascular Disease Risk

AI/AN patients with diabetes who are statin therapy users or receive a prescription for statin therapy during the report period.
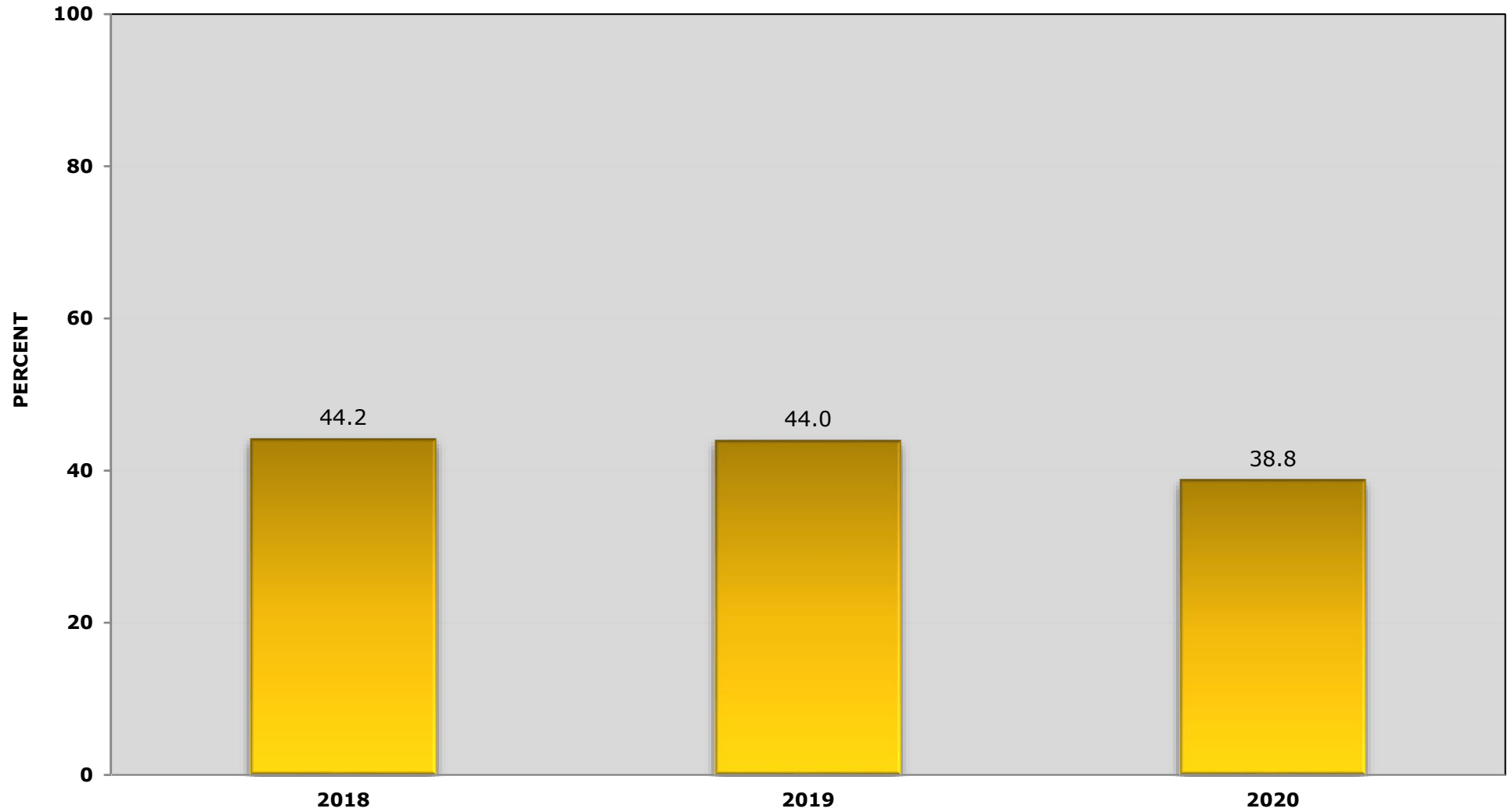
Diabetes: Statin Therapy to Prevent CVD Risk

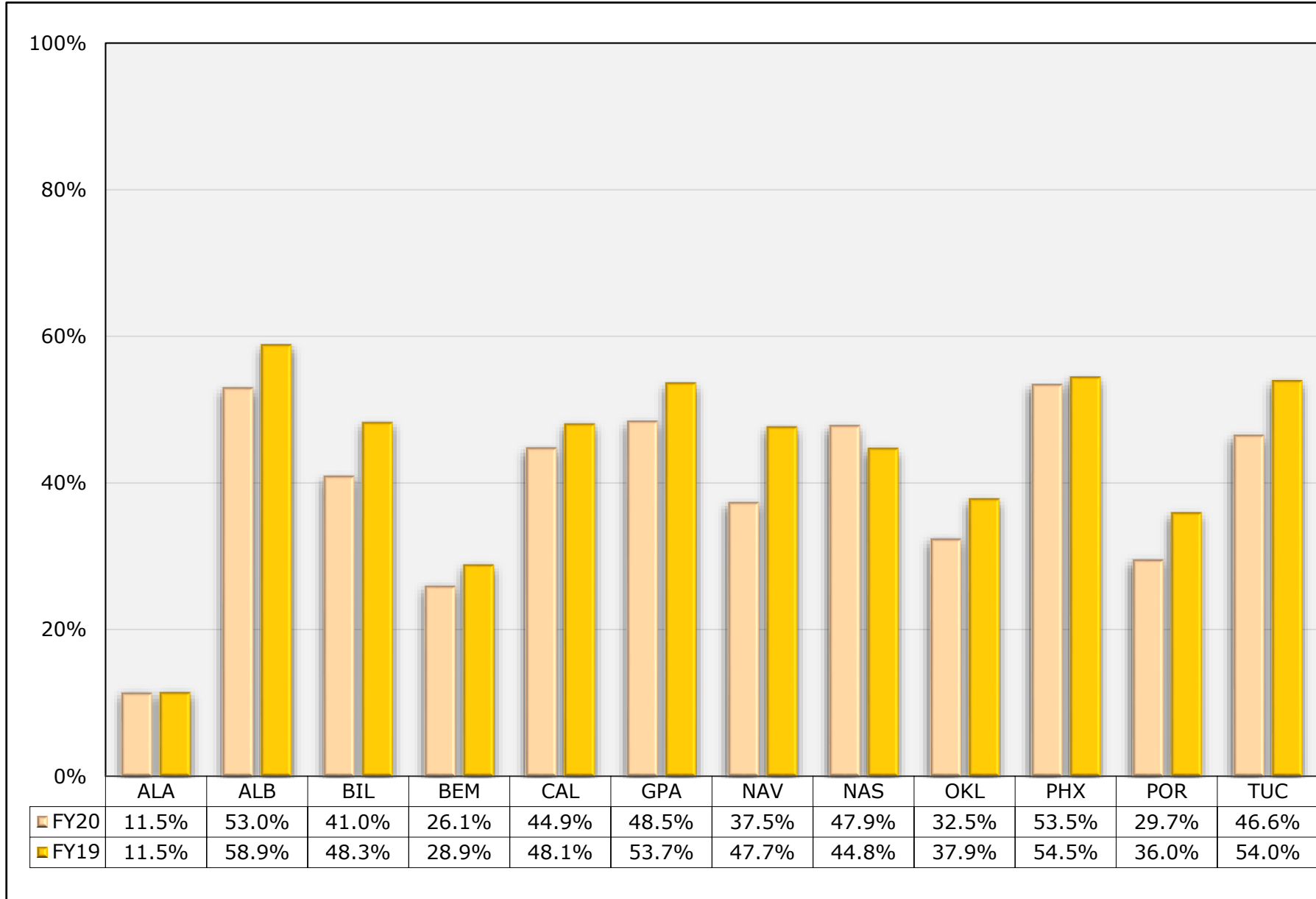|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	7.1%	55.7%	56.5%	37.4%	44.5%	60.3%	52.9%	59.3%	47.4%	60.6%	54.1%	50.3%
FY19	7.1%	52.5%	54.5%	34.3%	42.1%	59.2%	51.9%	55.6%	41.2%	57.8%	54.2%	53.7%

Diabetes: Nephropathy Assessment

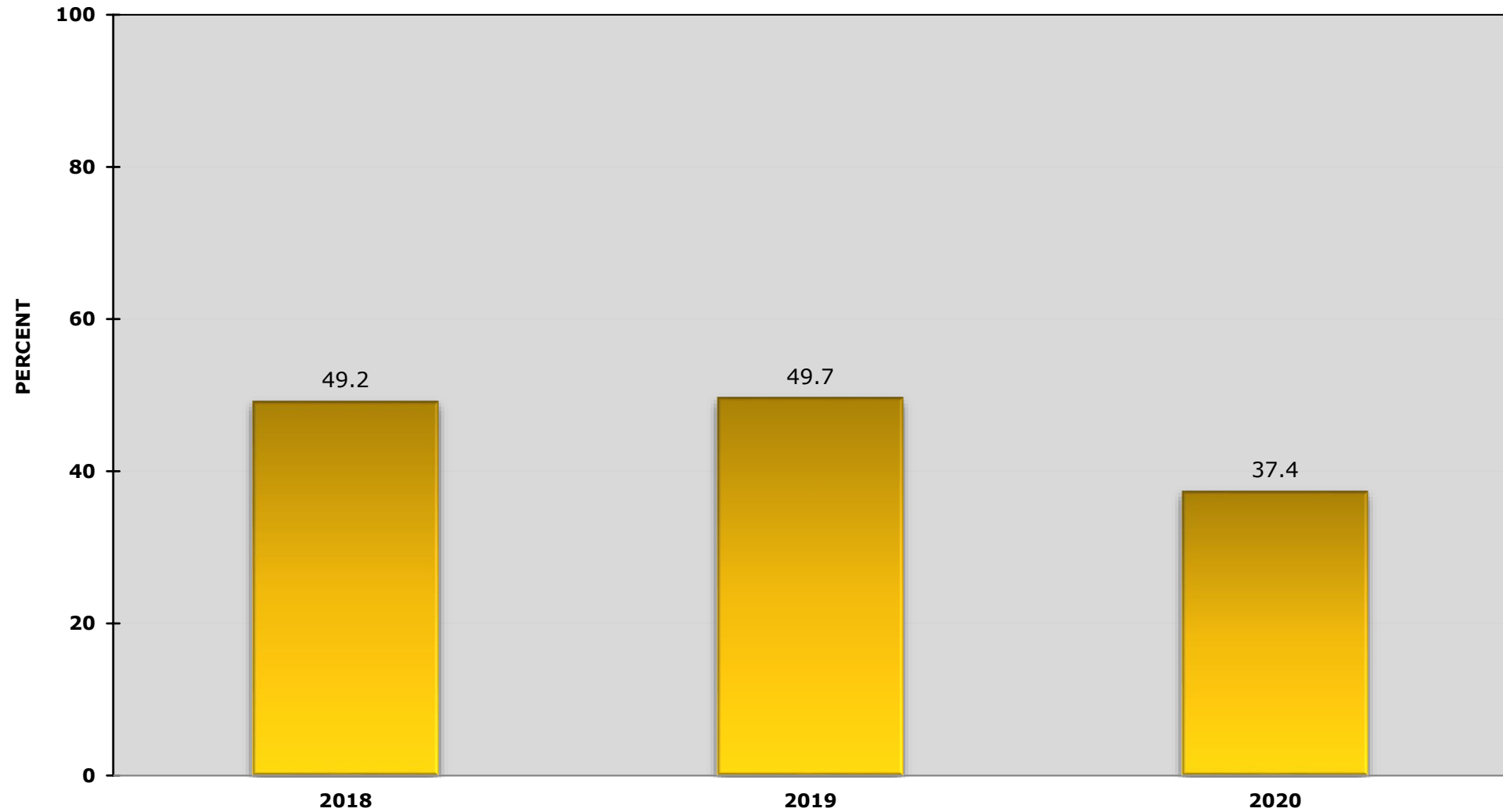AI/AN patients with diabetes who have been assessed for nephropathy within the past year.

PERCENT

	2018	2019	2020
	44.2	44.0	38.8

Diabetes: Nephropathy Assessment

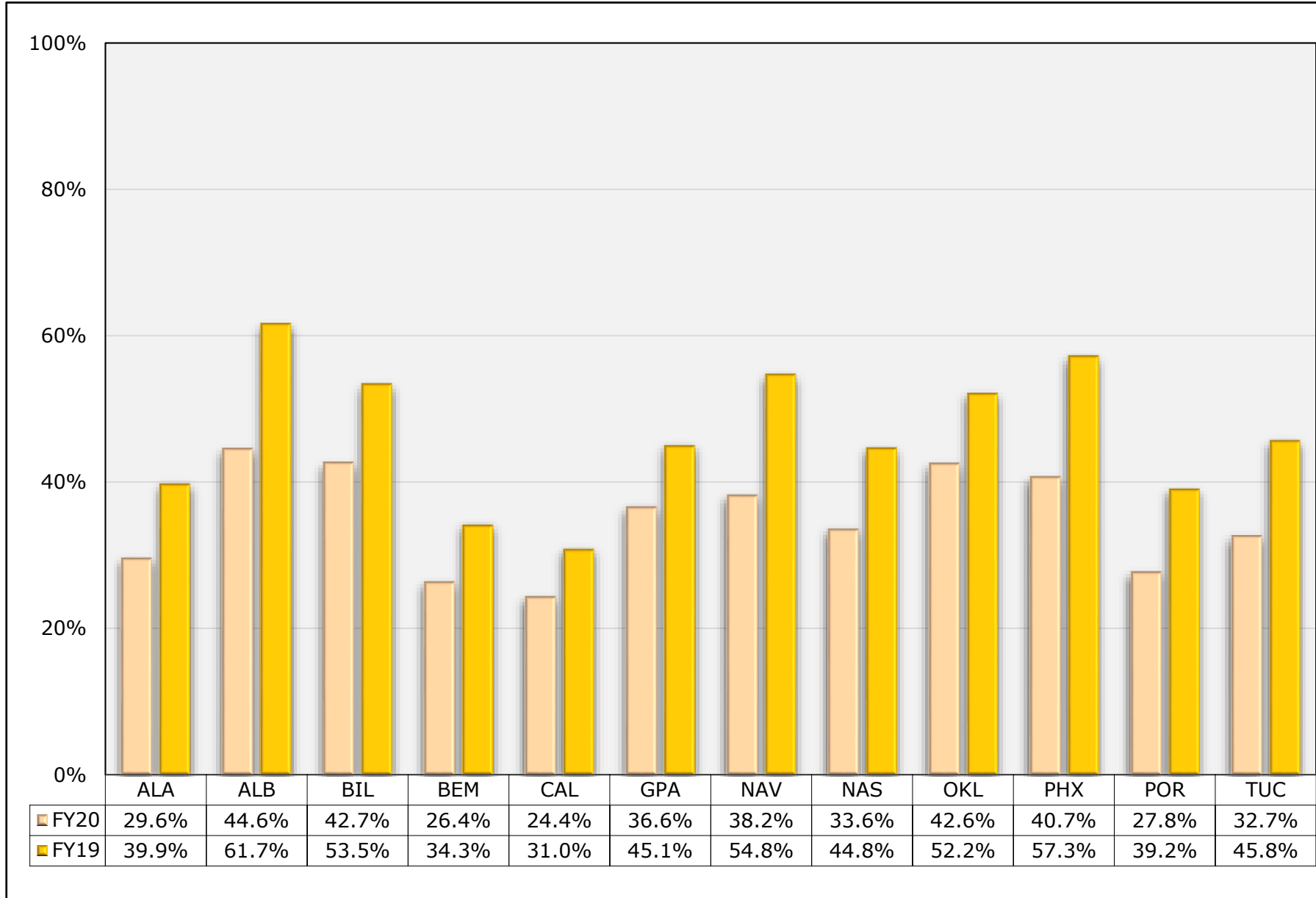|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	11.5%	53.0%	41.0%	26.1%	44.9%	48.5%	37.5%	47.9%	32.5%	53.5%	29.7%	46.6%
FY19	11.5%	58.9%	48.3%	28.9%	48.1%	53.7%	47.7%	44.8%	37.9%	54.5%	36.0%	54.0%

Diabetes: Retinopathy

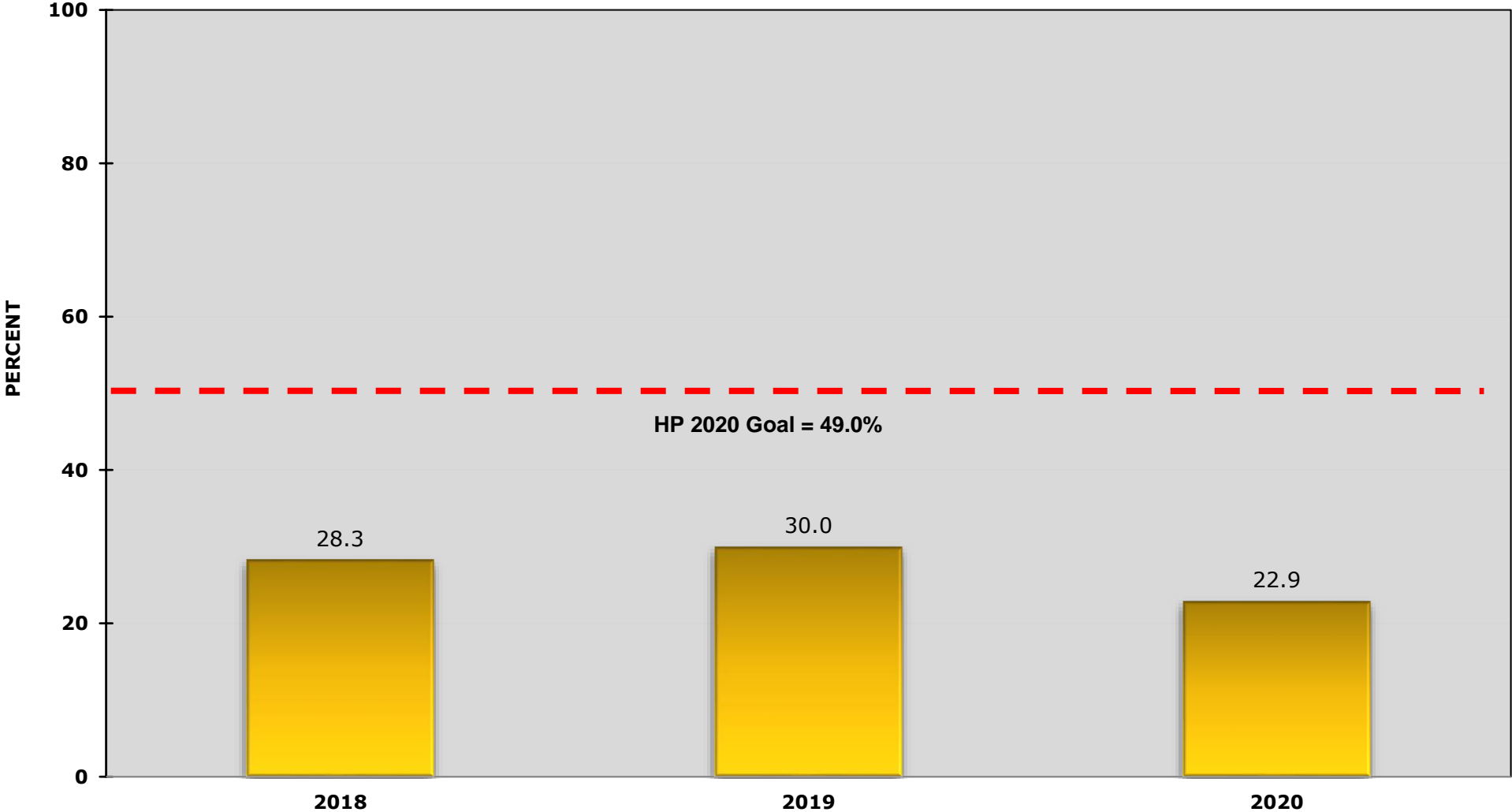AI/AN patients with diabetes who have been assessed for retinopathy within the past year.

PERCENT

2018	2019	2020
49.2	49.7	37.4

Diabetes: Retinopathy

	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	29.6%	44.6%	42.7%	26.4%	24.4%	36.6%	38.2%	33.6%	42.6%	40.7%	27.8%	32.7%
FY19	39.9%	61.7%	53.5%	34.3%	31.0%	45.1%	54.8%	44.8%	52.2%	57.3%	39.2%	45.8%

Dental: General Access

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

HP 2020 Goal = 49.0%

2018: 28.3
2019: 30.0
2020: 22.9

Dental: General Access

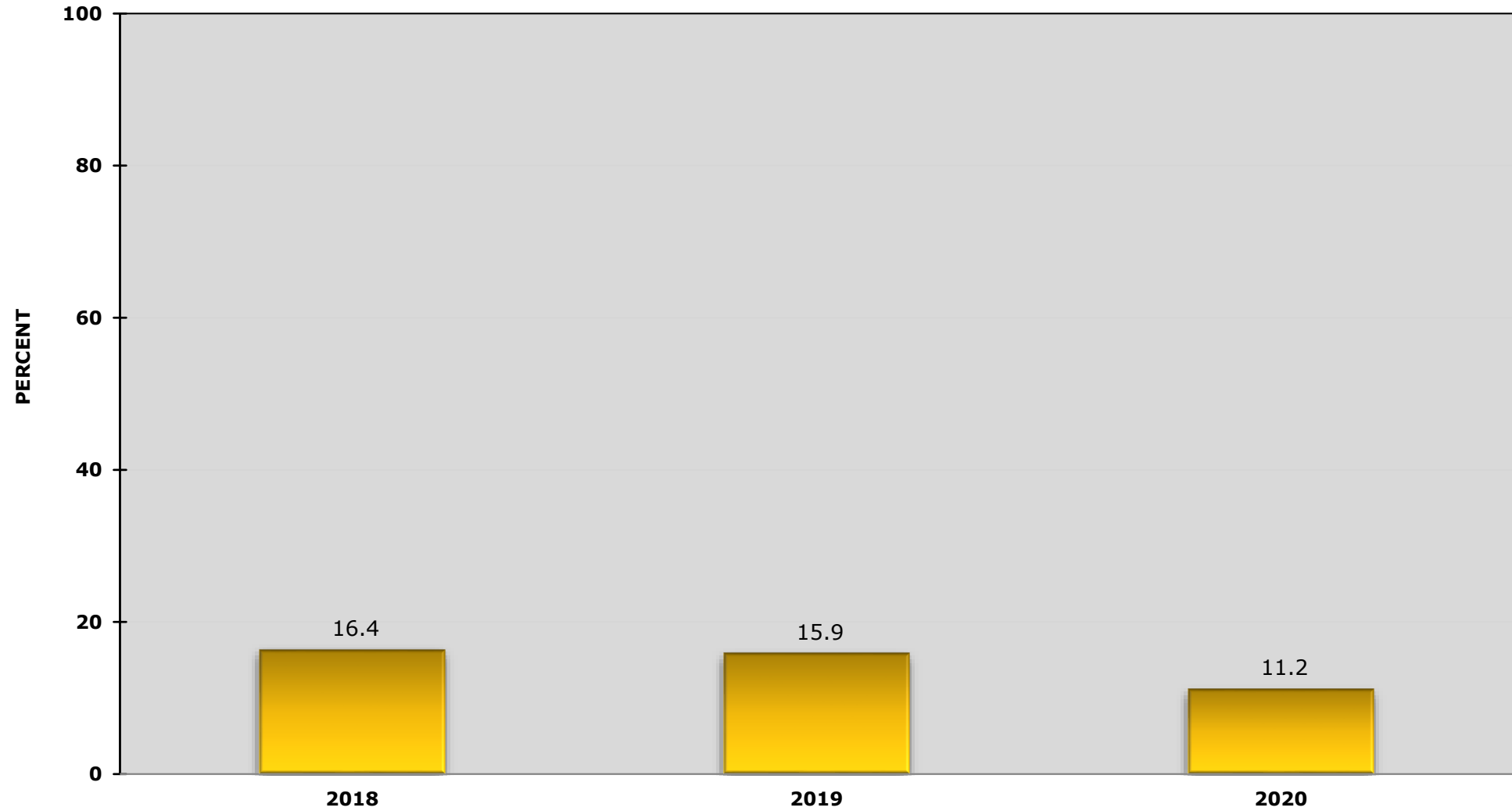|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	26.8%	19.4%	26.6%	25.9%	27.3%	20.7%	20.6%	29.1%	21.2%	19.3%	25.4%	24.5%
FY19	32.1%	26.7%	32.7%	28.1%	30.0%	25.9%	28.7%	34.9%	30.6%	27.2%	35.1%	34.3%
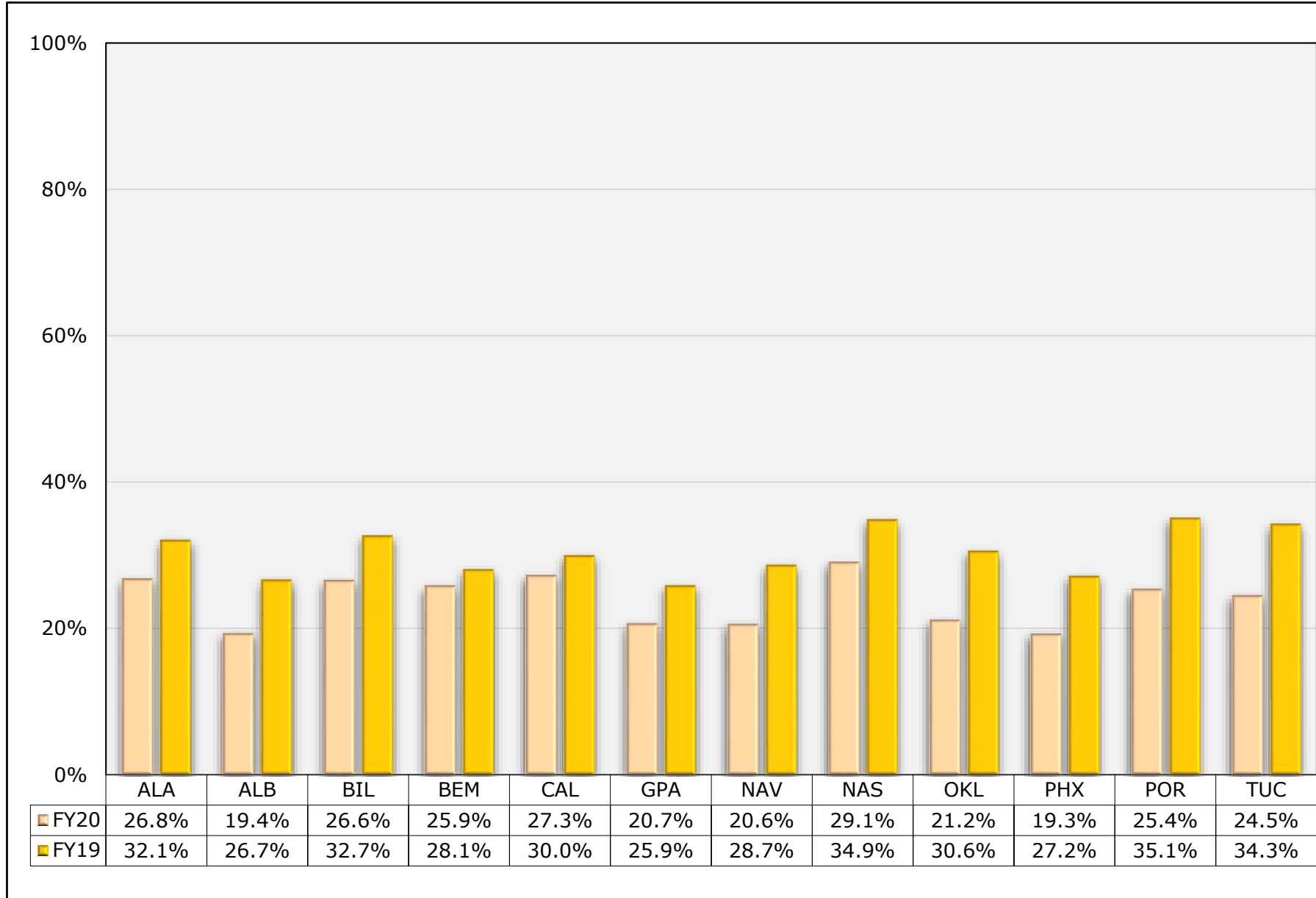
Dental: Sealants

AI/AN children with intact dental sealants.

Dental: Sealants

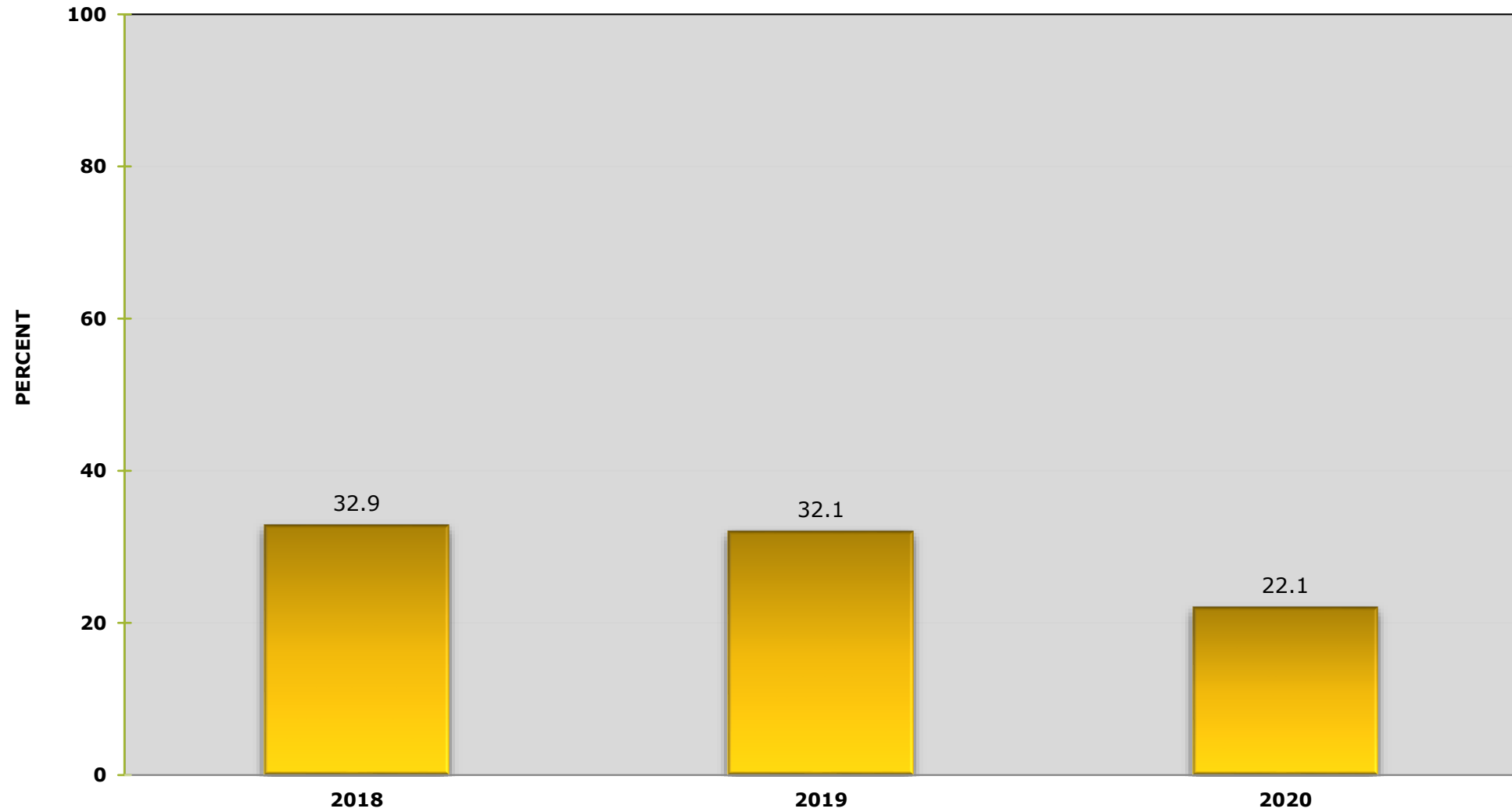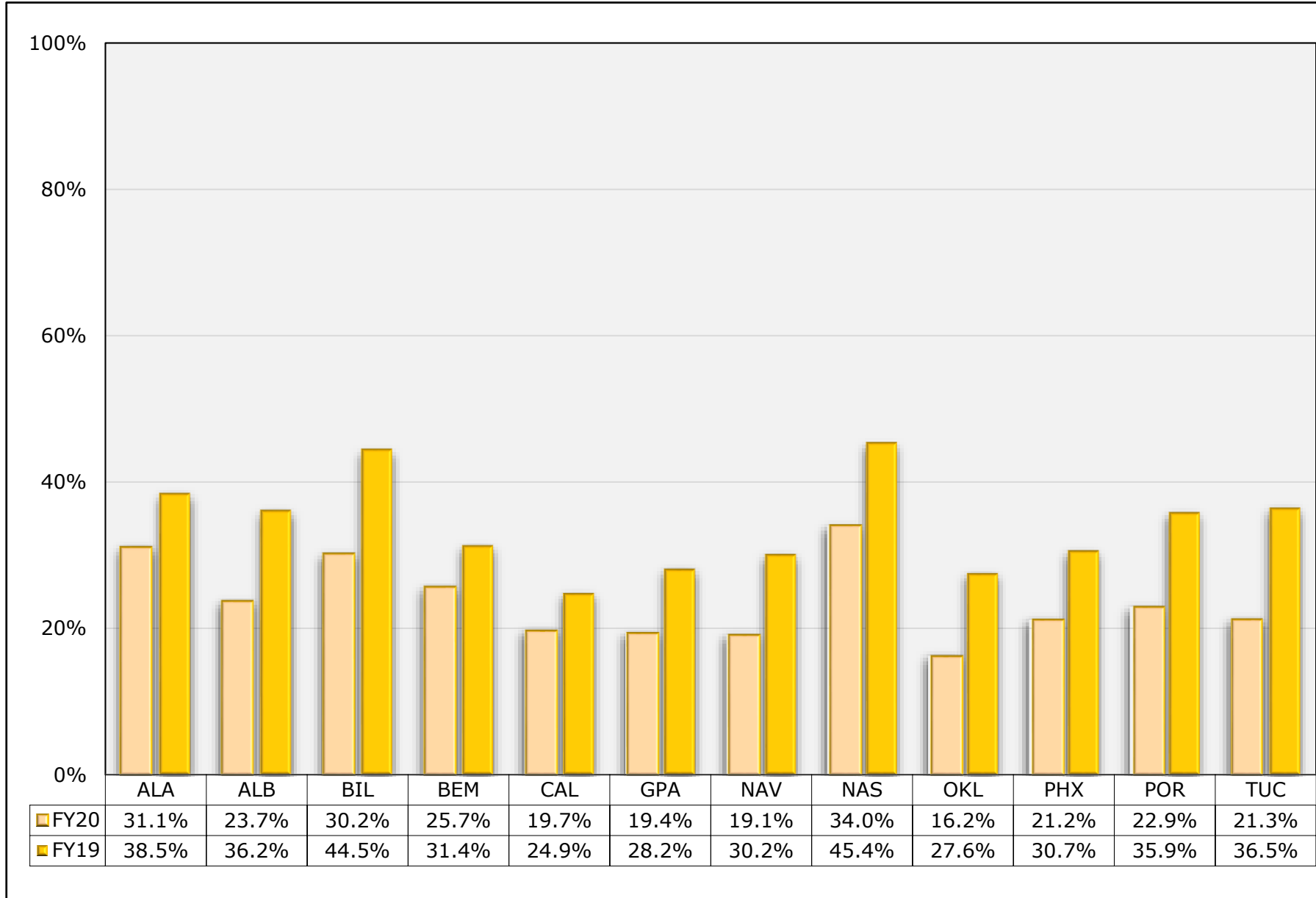|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	15.1%	15.7%	16.5%	10.6%	9.8%	10.2%	11.7%	11.4%	6.1%	16.0%	10.3%	5.7%
FY19	20.8%	21.9%	24.0%	13.2%	13.8%	13.2%	18.7%	18.3%	8.5%	20.4%	16.8%	12.7%
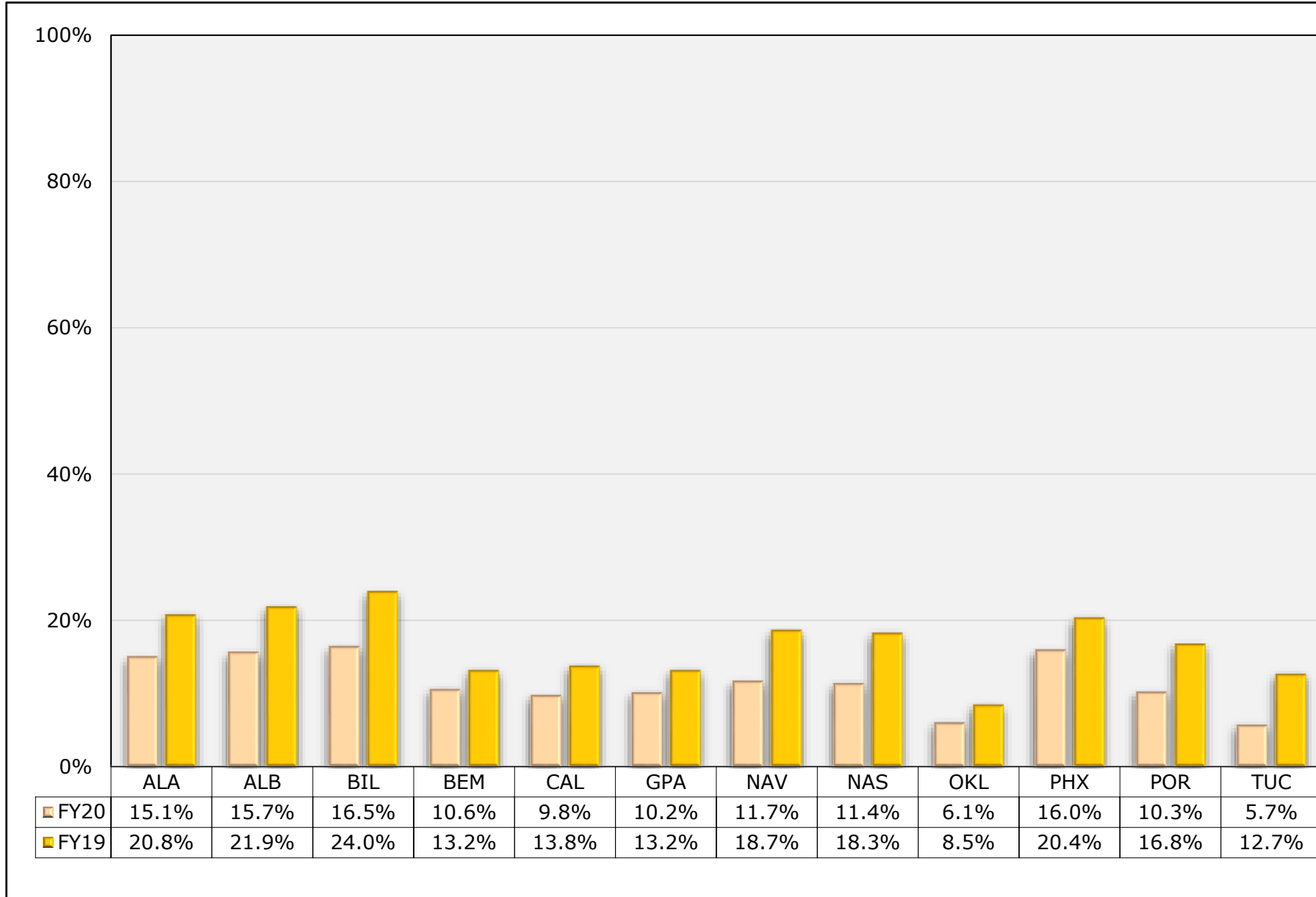
Dental: Topical Fluorides
AI/AN children with at least one topical fluoride treatment within the past year.

Dental: Topical Fluorides

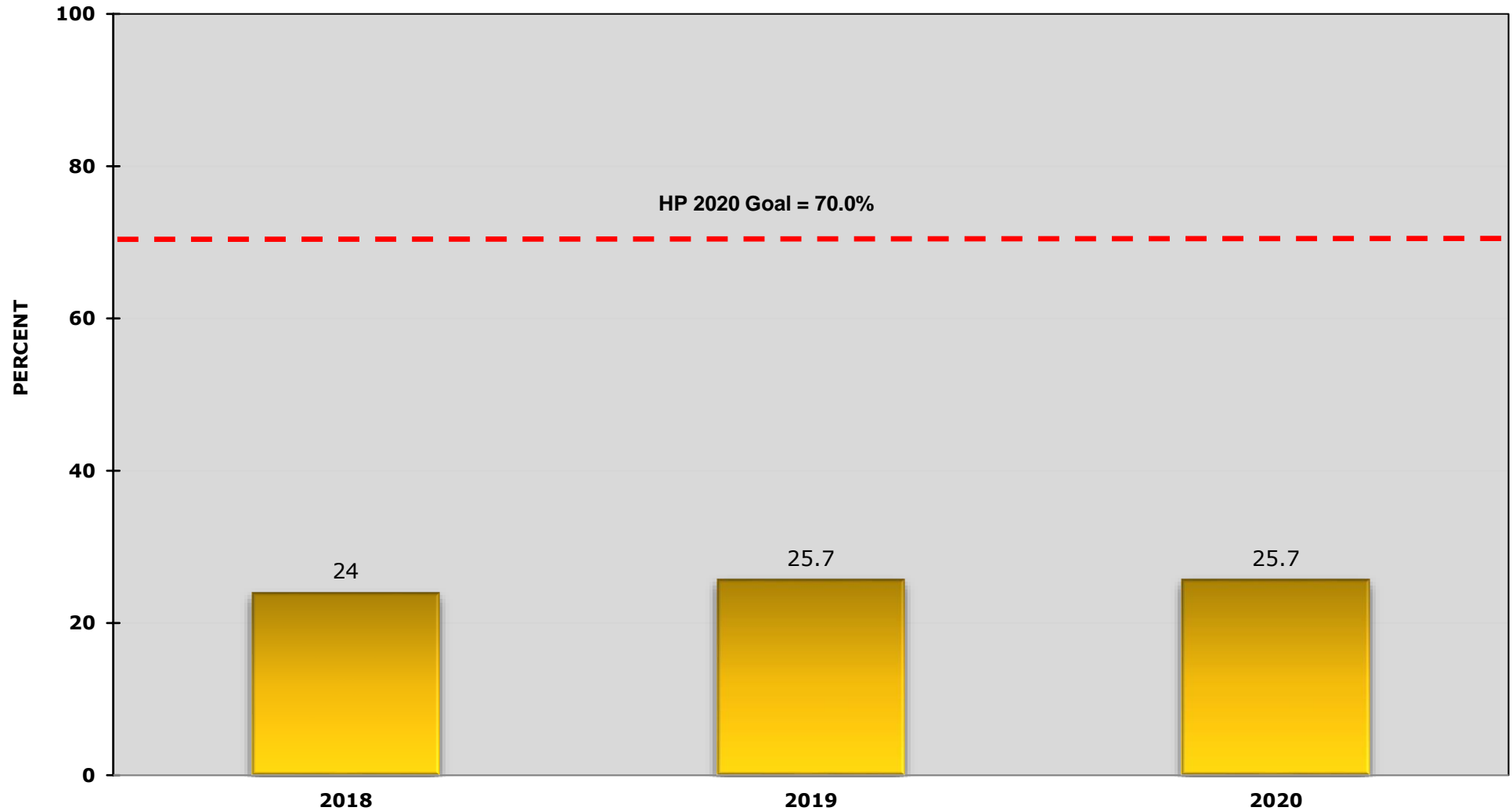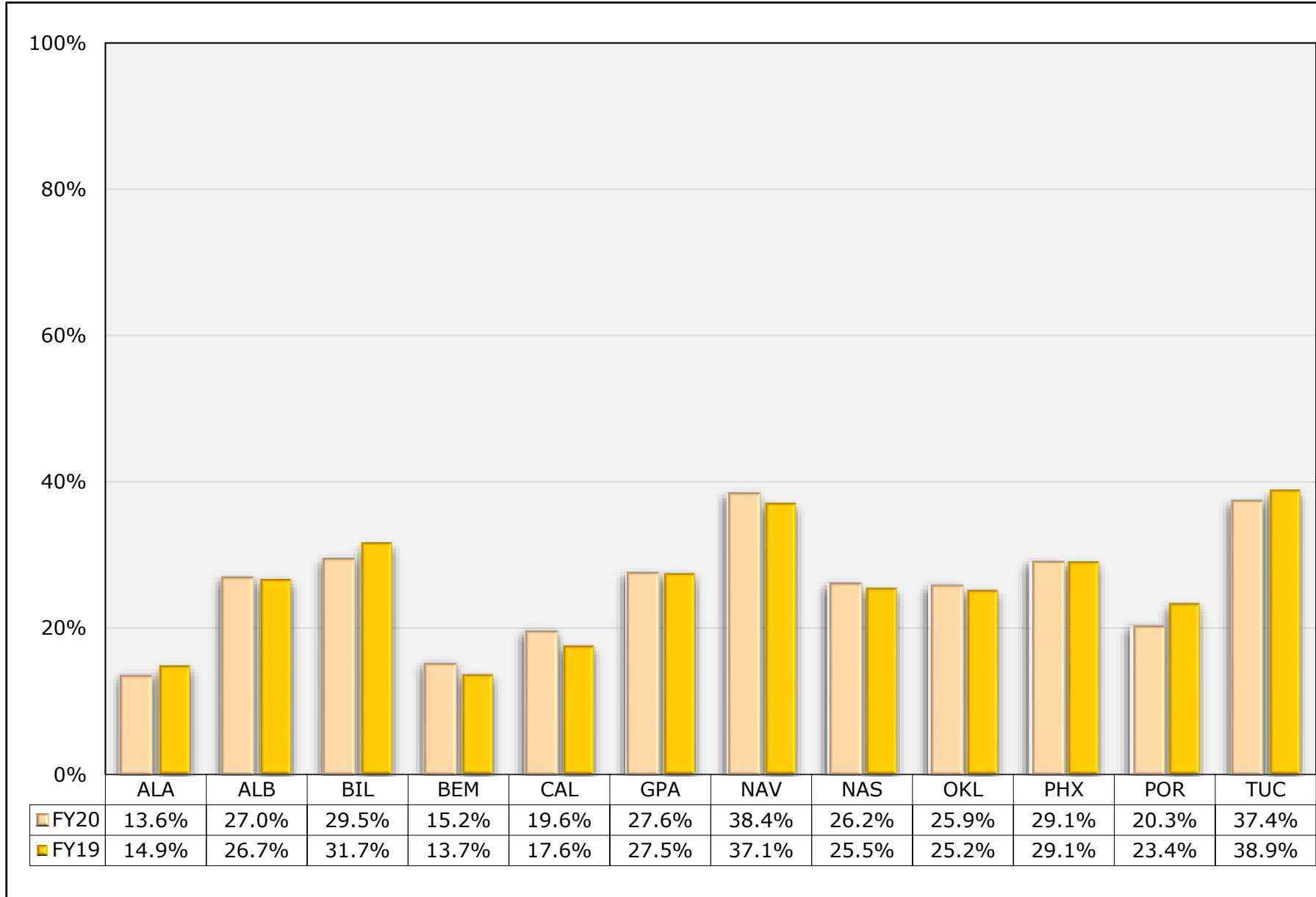|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	31.1%	23.7%	30.2%	25.7%	19.7%	19.4%	19.1%	34.0%	16.2%	21.2%	22.9%	21.3%
FY19	38.5%	36.2%	44.5%	31.4%	24.9%	28.2%	30.2%	45.4%	27.6%	30.7%	35.9%	36.5%

Immunizations: Influenza 6mo - 17yrs

AI/AN patients (ages 6 months to 17 years) who have received the influenza
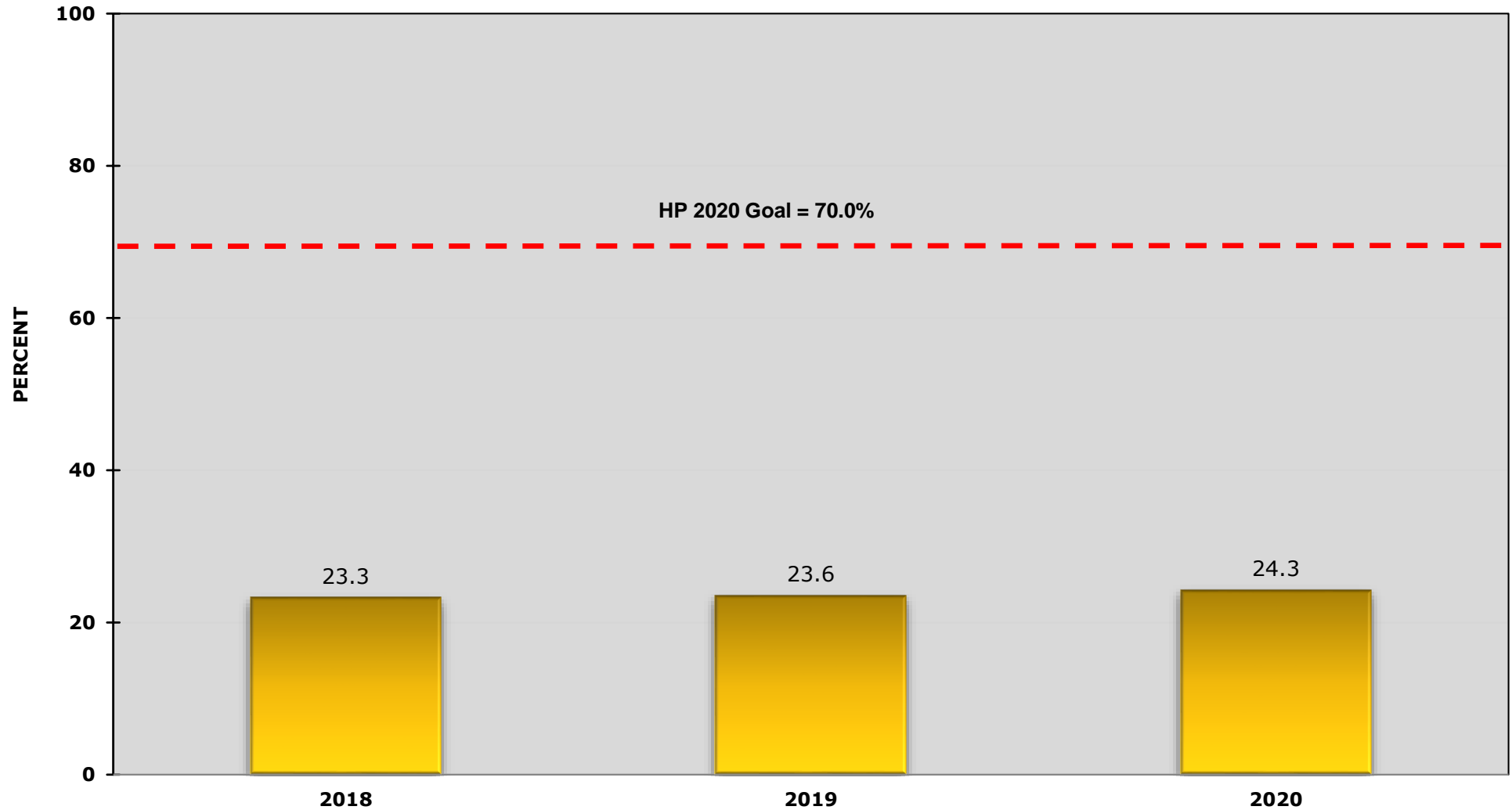vaccine within the past year.

Immunizations: Influenza 6mo – 17yr

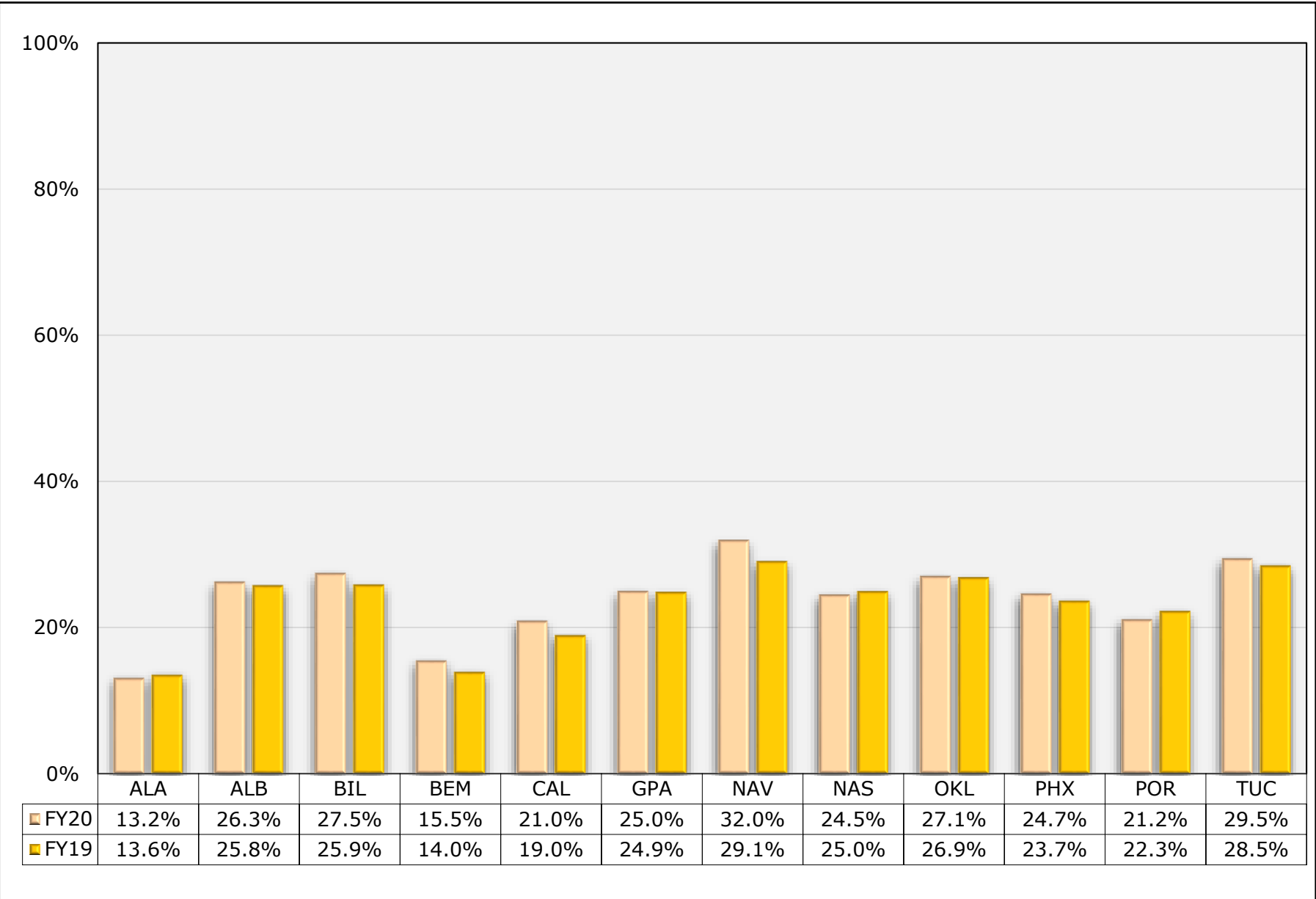|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	13.6%	27.0%	29.5%	15.2%	19.6%	27.6%	38.4%	26.2%	25.9%	29.1%	20.3%	37.4%
FY19	14.9%	26.7%	31.7%	13.7%	17.6%	27.5%	37.1%	25.5%	25.2%	29.1%	23.4%	38.9%

Immunizations: Influenza 18+
AI/AN patients (ages 18+) who have received the influenza vaccine within the past year.

HP 2020 Goal = 70.0%

23.3   23.6   24.3

2018   2019   2020

PERCENT

Immunizations: Influenza 18+

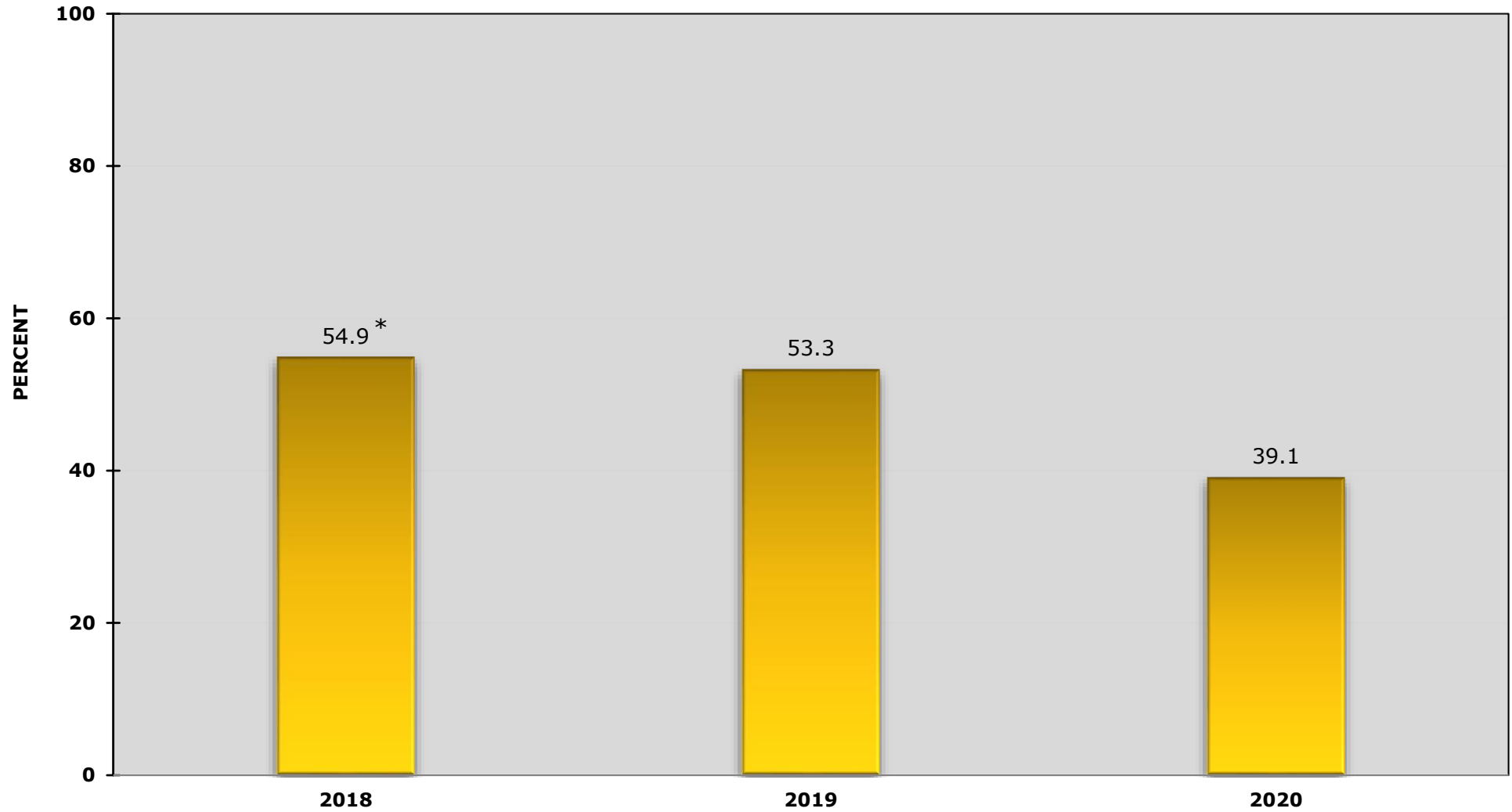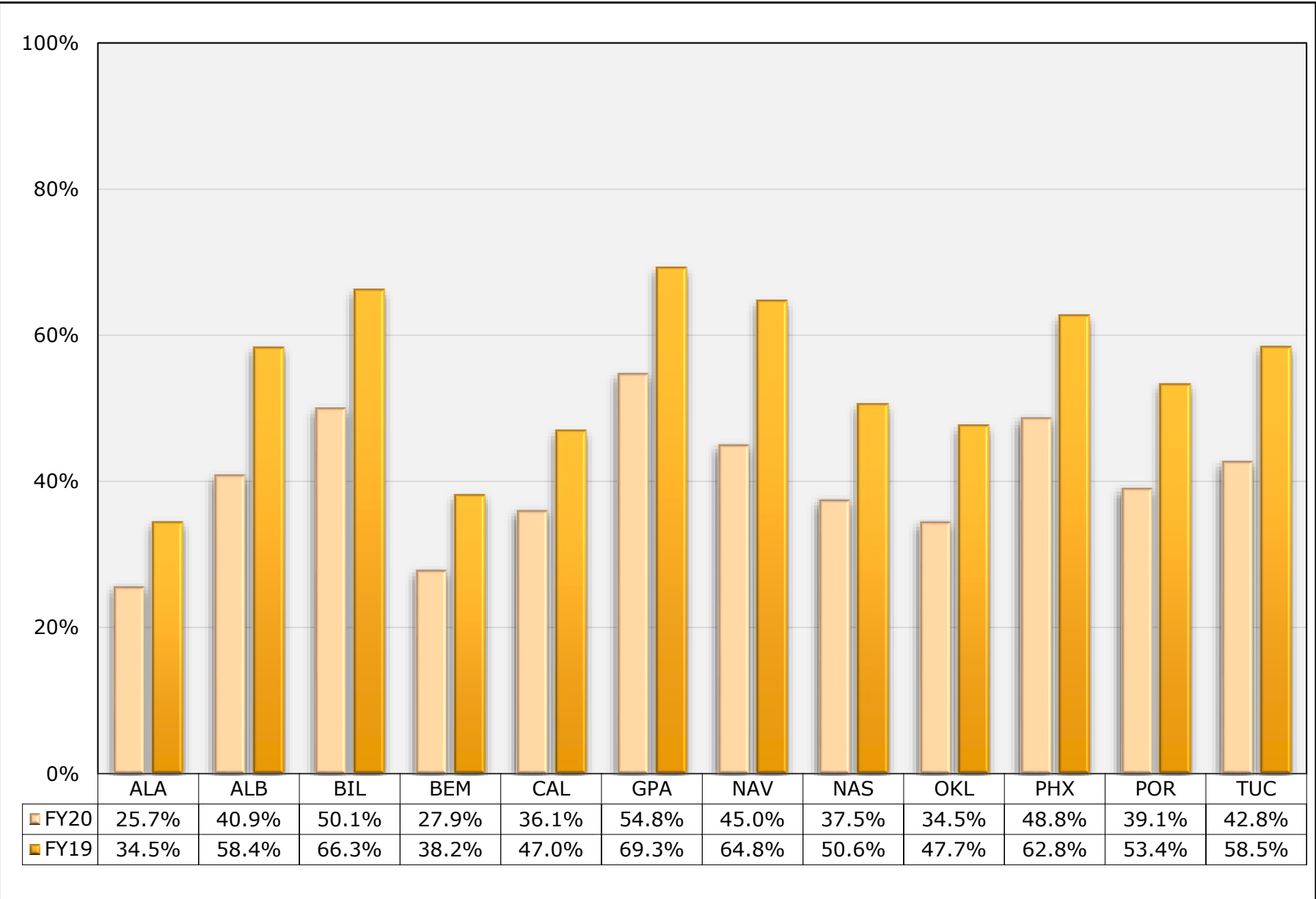|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	13.2%	26.3%	27.5%	15.5%	21.0%	25.0%	32.0%	24.5%	27.1%	24.7%	21.2%	29.5%
FY19	13.6%	25.8%	25.9%	14.0%	19.0%	24.9%	29.1%	25.0%	26.9%	23.7%	22.3%	28.5%

Immunizations: Adult Immunizations

AI/AN patients (age 19+) who have received all age-appropriate immunization combinations.

*New measure in FY 2018

Adult Immunizations

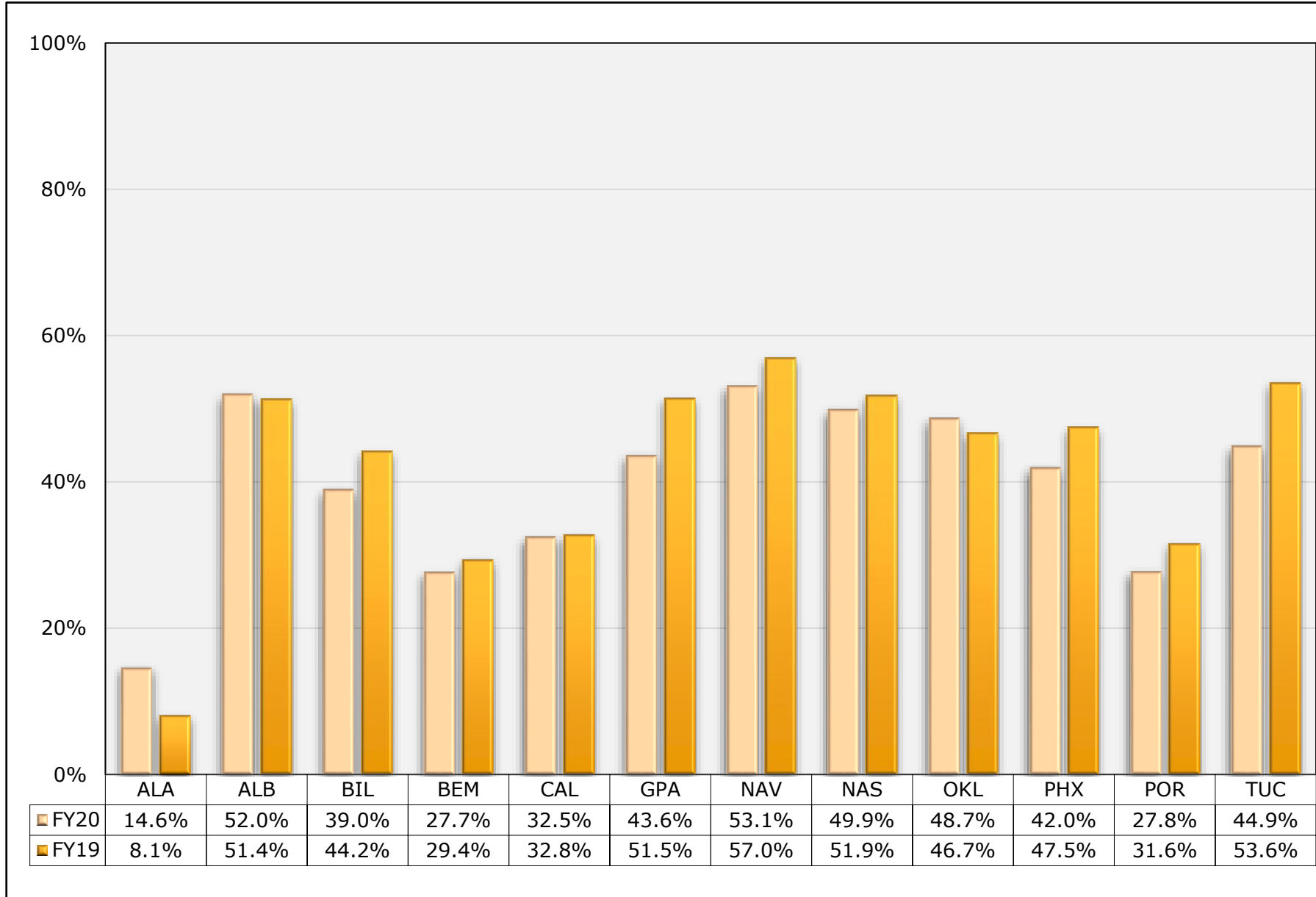|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	25.7%	40.9%	50.1%	27.9%	36.1%	54.8%	45.0%	37.5%	34.5%	48.8%	39.1%	42.8%
FY19	34.5%	58.4%	66.3%	38.2%	47.0%	69.3%	64.8%	50.6%	47.7%	62.8%	53.4%	58.5%

Immunizations: Childhood (19-35 months)

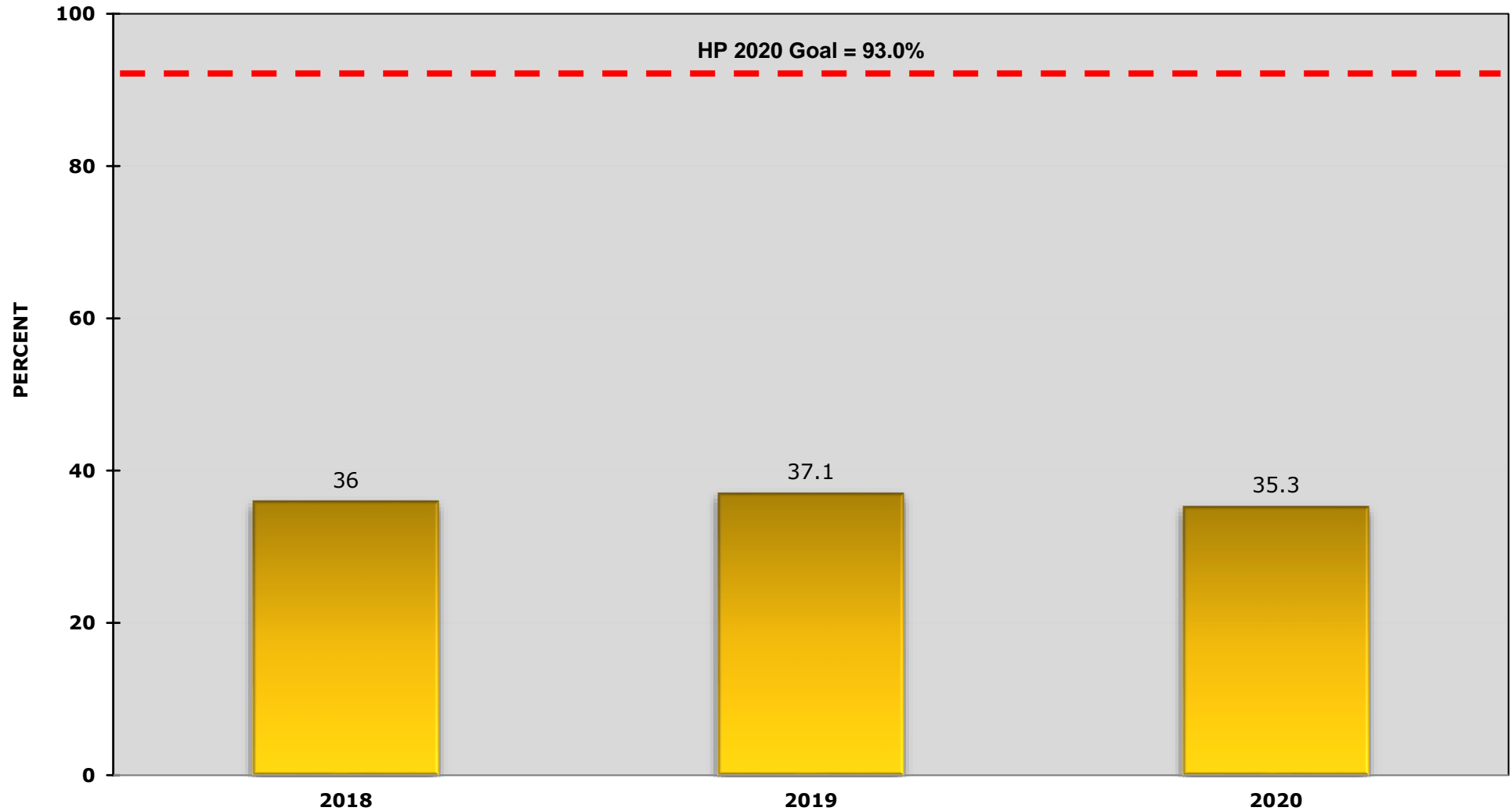AI/AN patients (age 19-35 months) who have received the combined childhood vaccination series (4:3:1:3*:3:1:4).

HP 2020 Goal = 80%

Year	Percent
2018	42.2
2019	41.4
2020	39.9

Immunizations: Childhood (19-35 months)

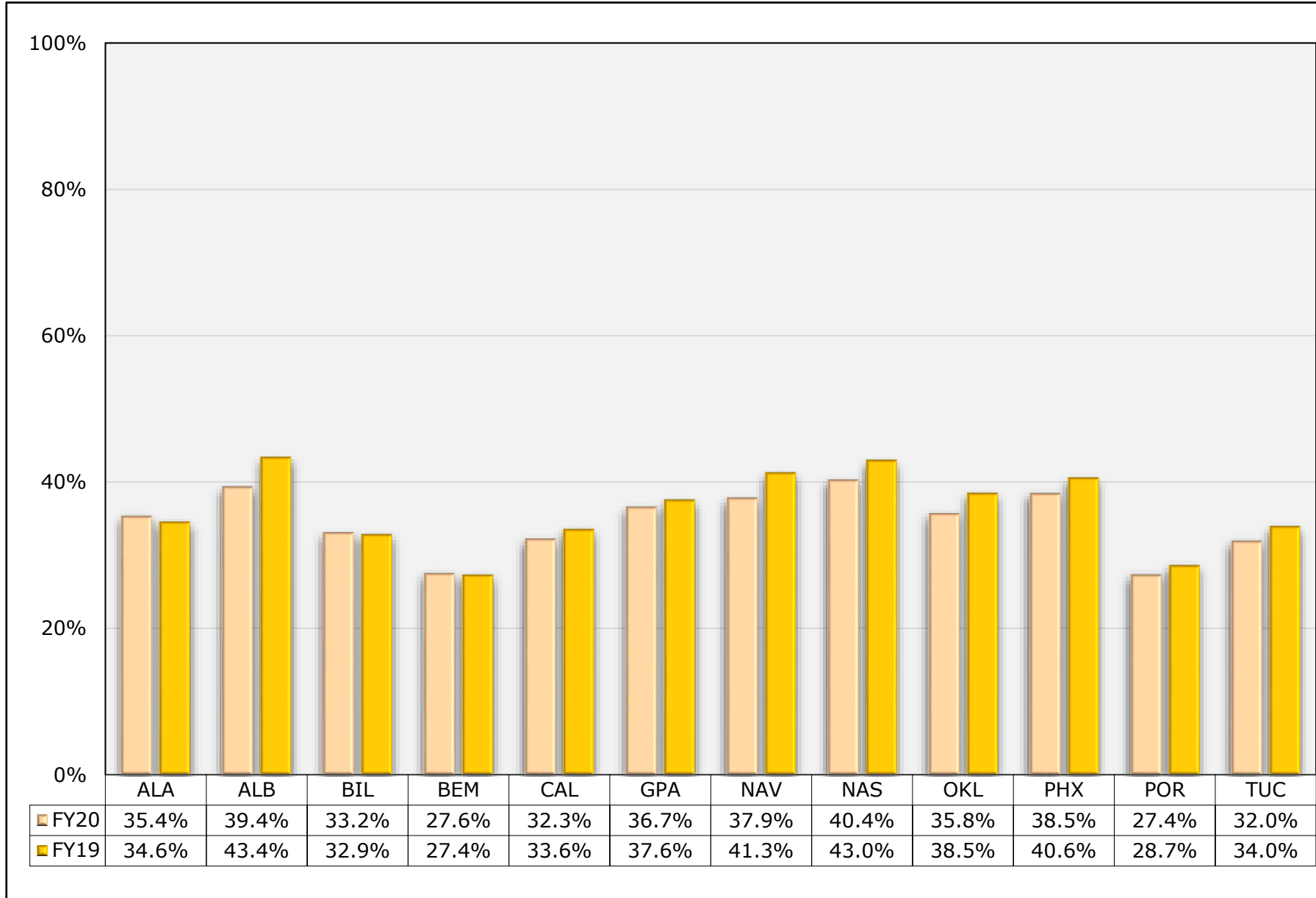|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	14.6%	52.0%	39.0%	27.7%	32.5%	43.6%	53.1%	49.9%	48.7%	42.0%	27.8%	44.9%
FY19	8.1%	51.4%	44.2%	29.4%	32.8%	51.5%	57.0%	51.9%	46.7%	47.5%	31.6%	53.6%
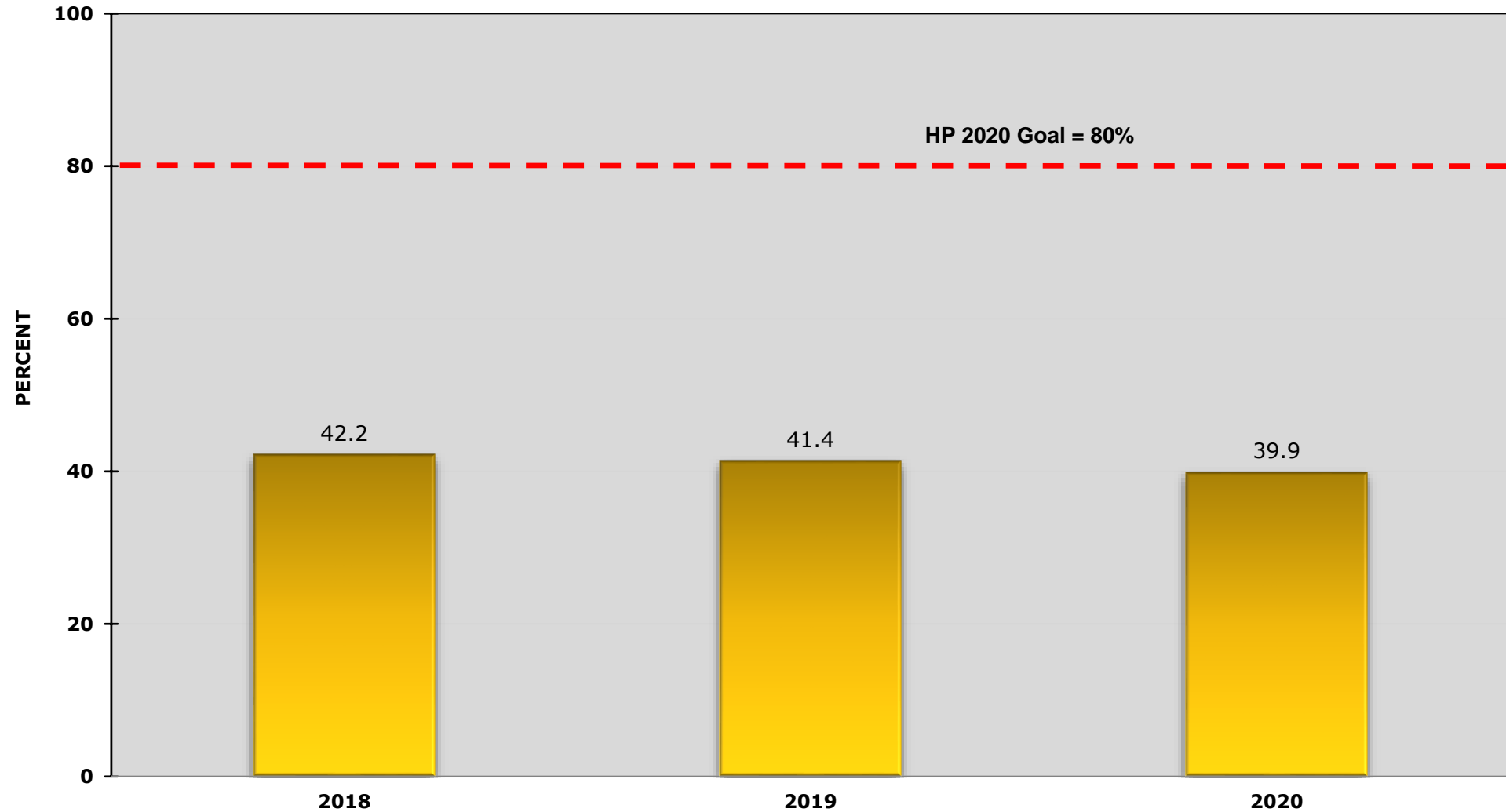
Cancer Screening: Cervical (Pap Screen)

AI/AN women age 24-64 who have received a Pap screen
within the previous three years, or age 30-64 years with a Pap screen in the past
three years or a Pap Screen and an HPV DNA in the past five years.

Cancer Screening: Cervical (Pap Screen)

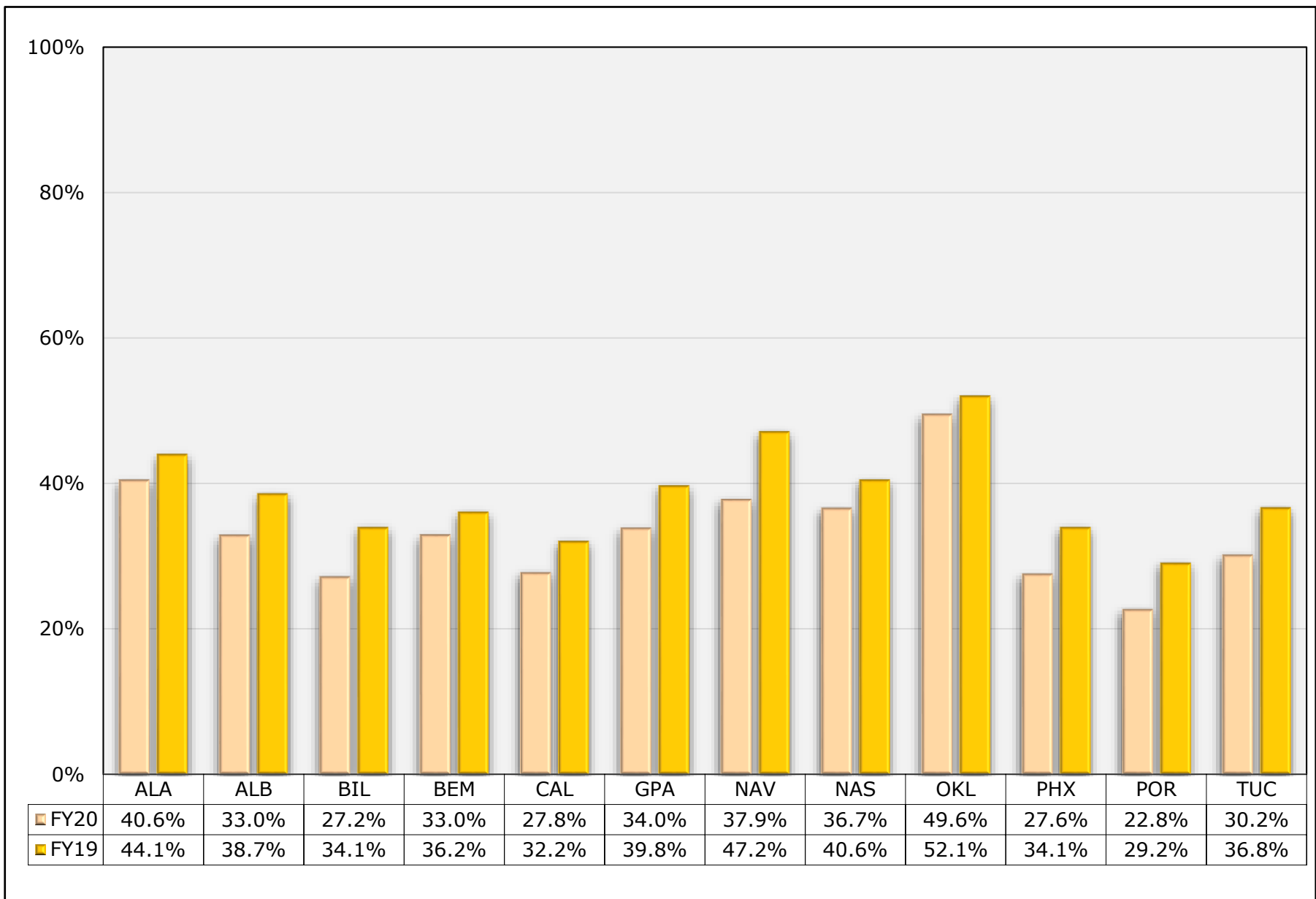|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	35.4%	39.4%	33.2%	27.6%	32.3%	36.7%	37.9%	40.4%	35.8%	38.5%	27.4%	32.0%
FY19	34.6%	43.4%	32.9%	27.4%	33.6%	37.6%	41.3%	43.0%	38.5%	40.6%	28.7%	34.0%

Cancer Screening: Breast (Mammography)
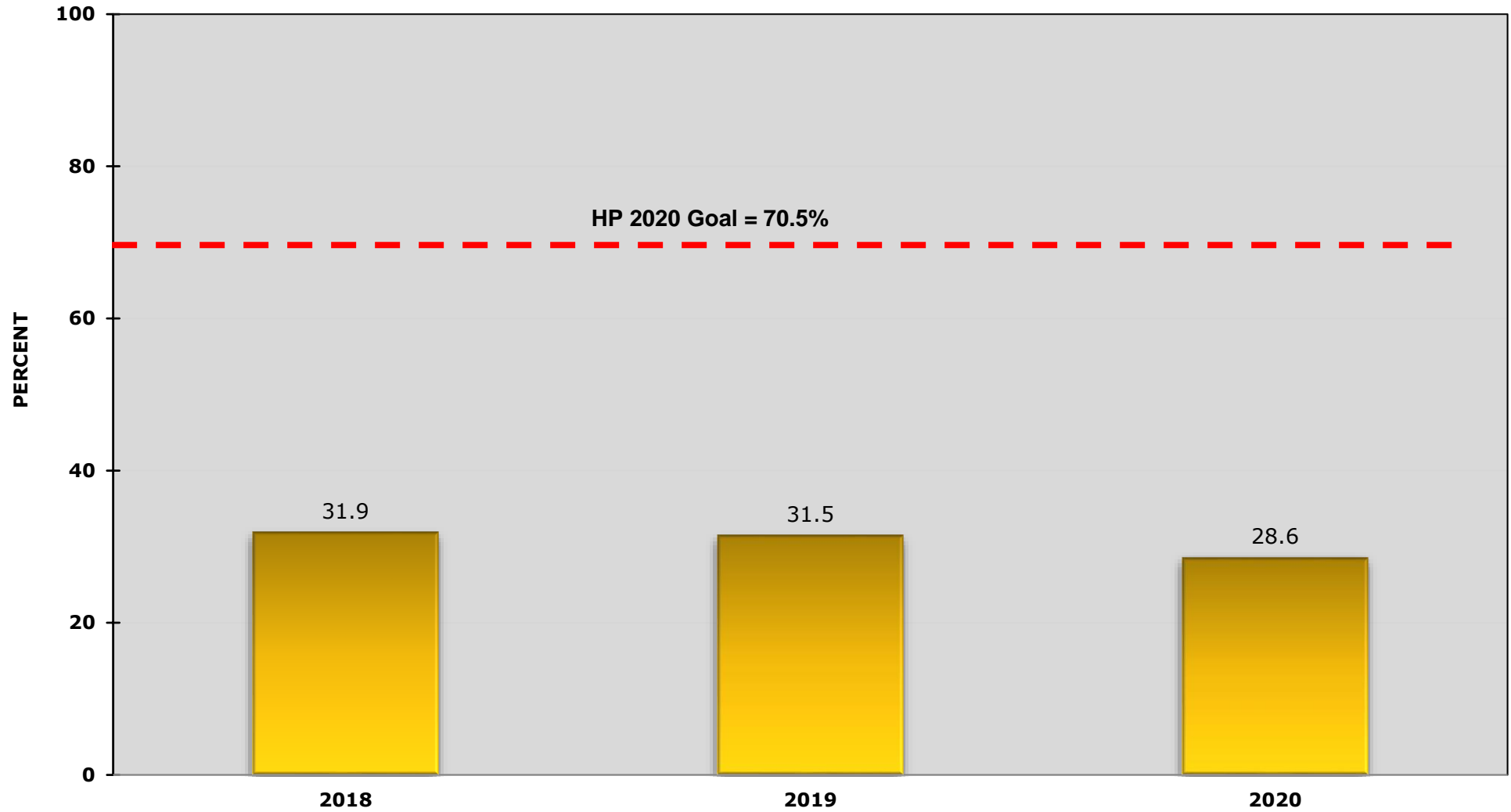## AI/AN women (age 52-74) who have received mammography screening within the previous two years.

HP 2020 Goal = 81.1%

42.6

42.0 *

36.9

PERCENT

100

80

60

40

20

0

2018

2019

2020
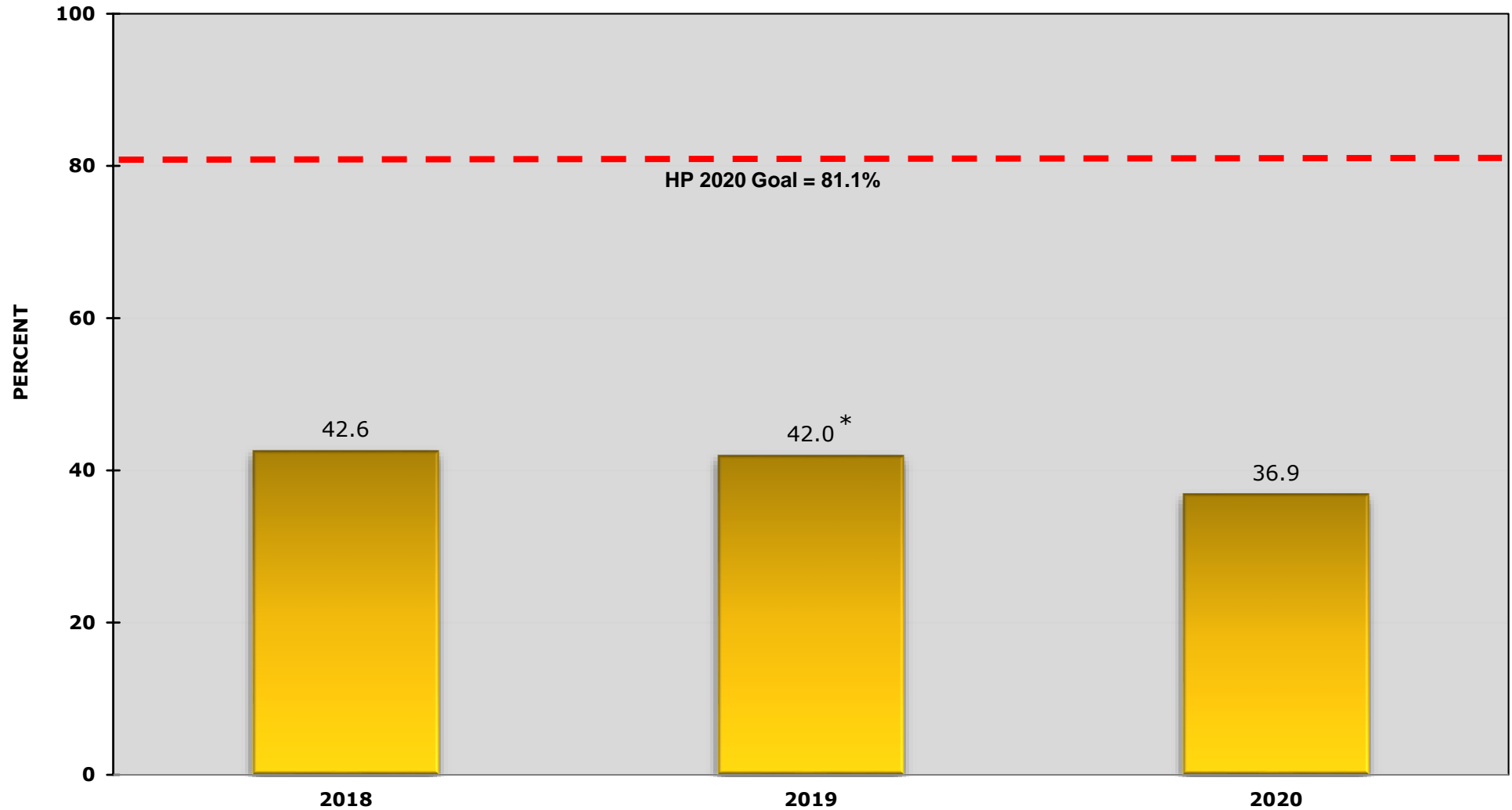
*Prior to FY 2019, measure tracked women ages 52-64 years

Cancer Screening: Breast (Mammography)

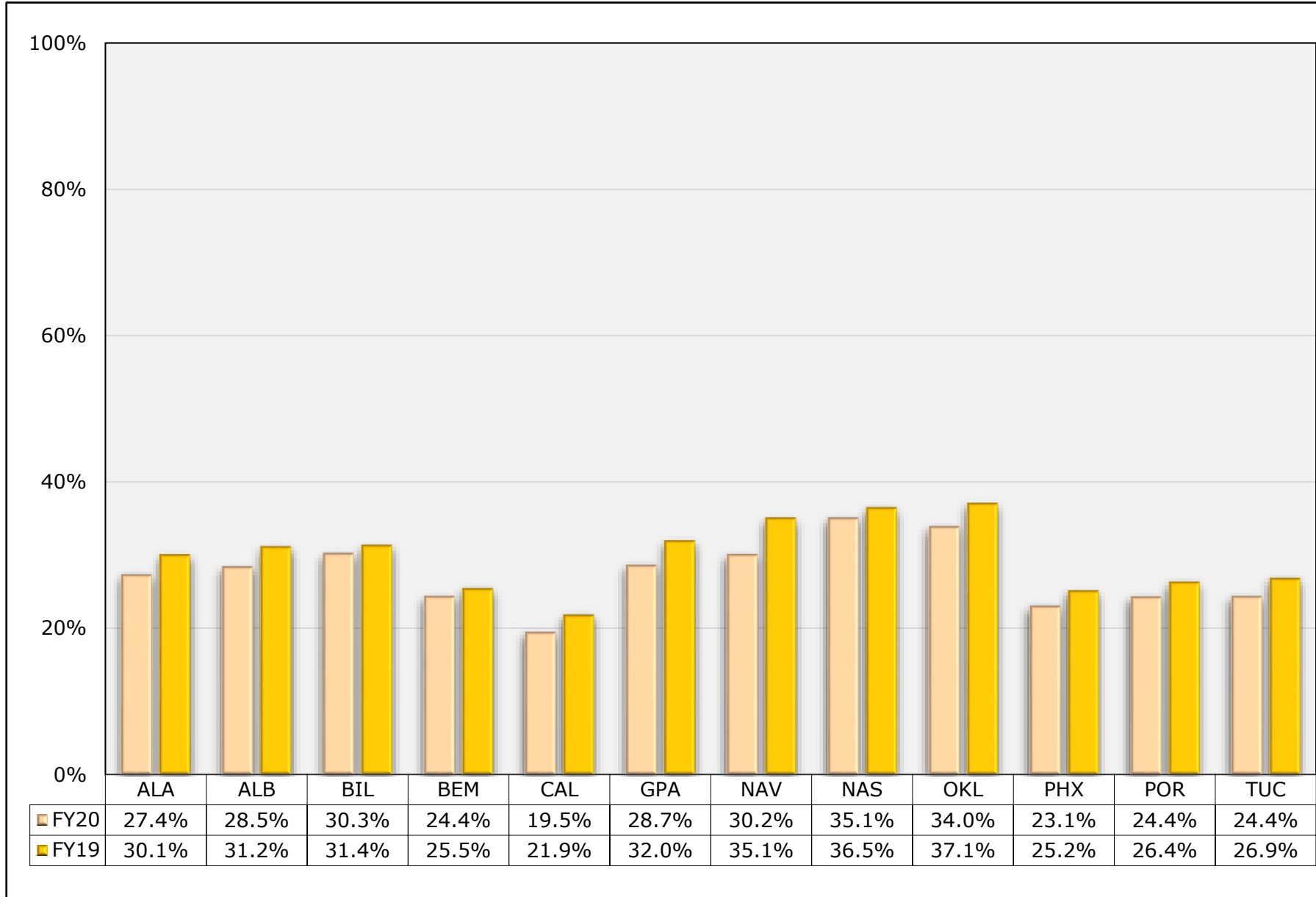|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	40.6%	33.0%	27.2%	33.0%	27.8%	34.0%	37.9%	36.7%	49.6%	27.6%	22.8%	30.2%
FY19	44.1%	38.7%	34.1%	36.2%	32.2%	39.8%	47.2%	40.6%	52.1%	34.1%	29.2%	36.8%

Cancer Screening: Colorectal

AI/AN patients ages 50-75 who have received appropriate Colorectal Cancer Screening.

Cancer Screening: Colorectal

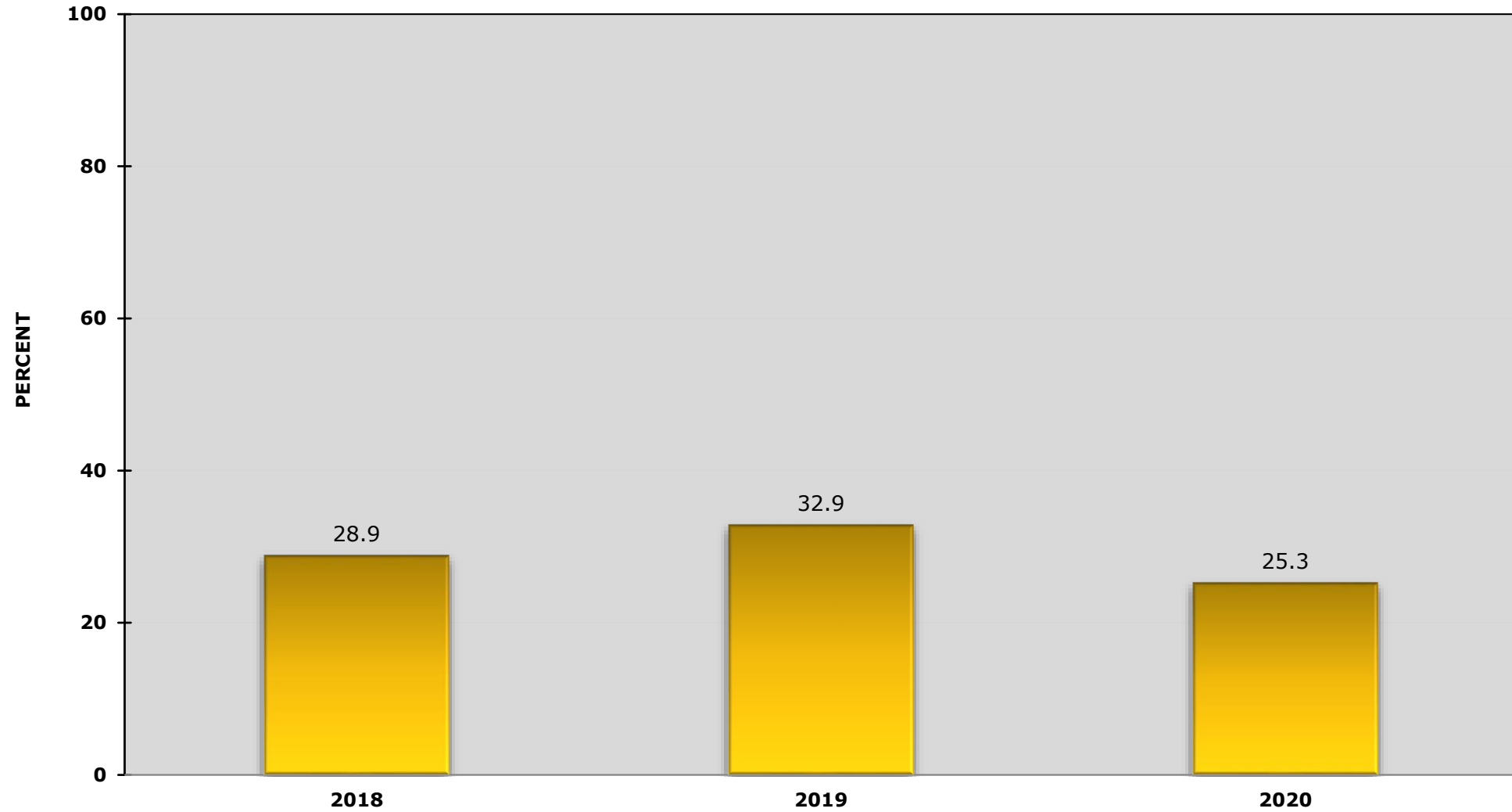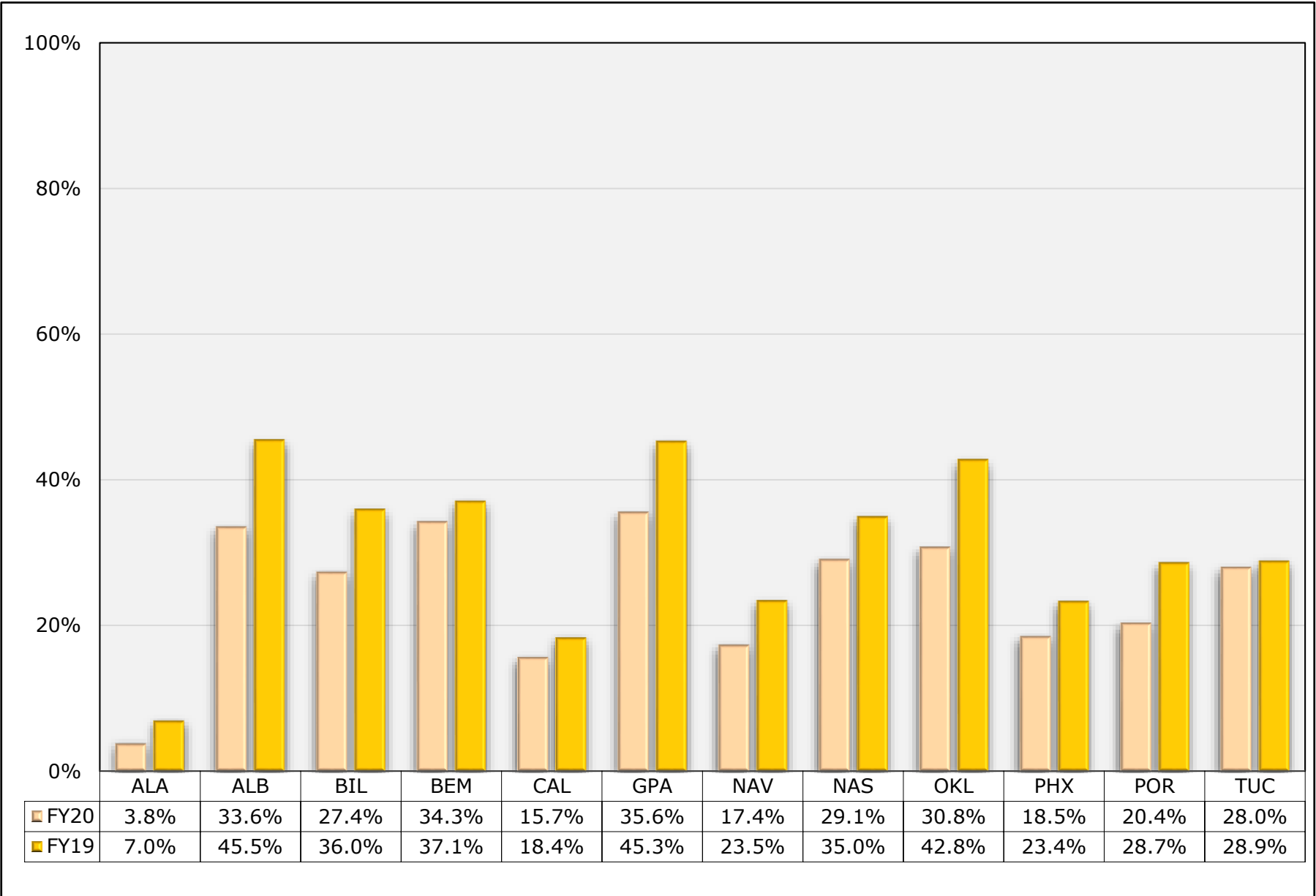|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	27.4%	28.5%	30.3%	24.4%	19.5%	28.7%	30.2%	35.1%	34.0%	23.1%	24.4%	24.4%
FY19	30.1%	31.2%	31.4%	25.5%	21.9%	32.0%	35.1%	36.5%	37.1%	25.2%	26.4%	26.9%

Tobacco Cessation

AI/AN tobacco-using patients who have received tobacco cessation intervention
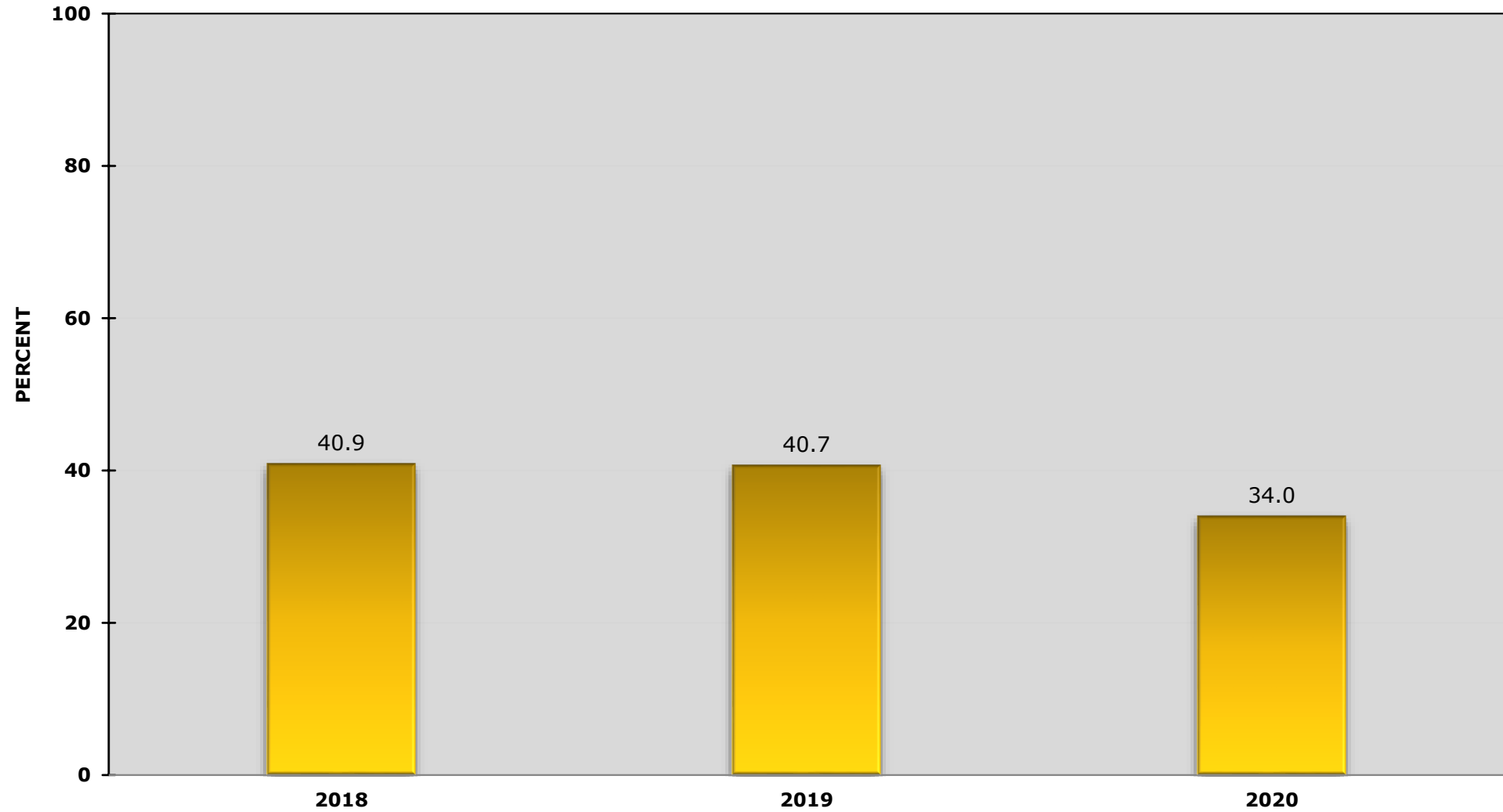within the past year or quit their tobacco use within the past year.

	2018	2019	2020
PERCENT	28.9	32.9	25.3

Tobacco Cessation

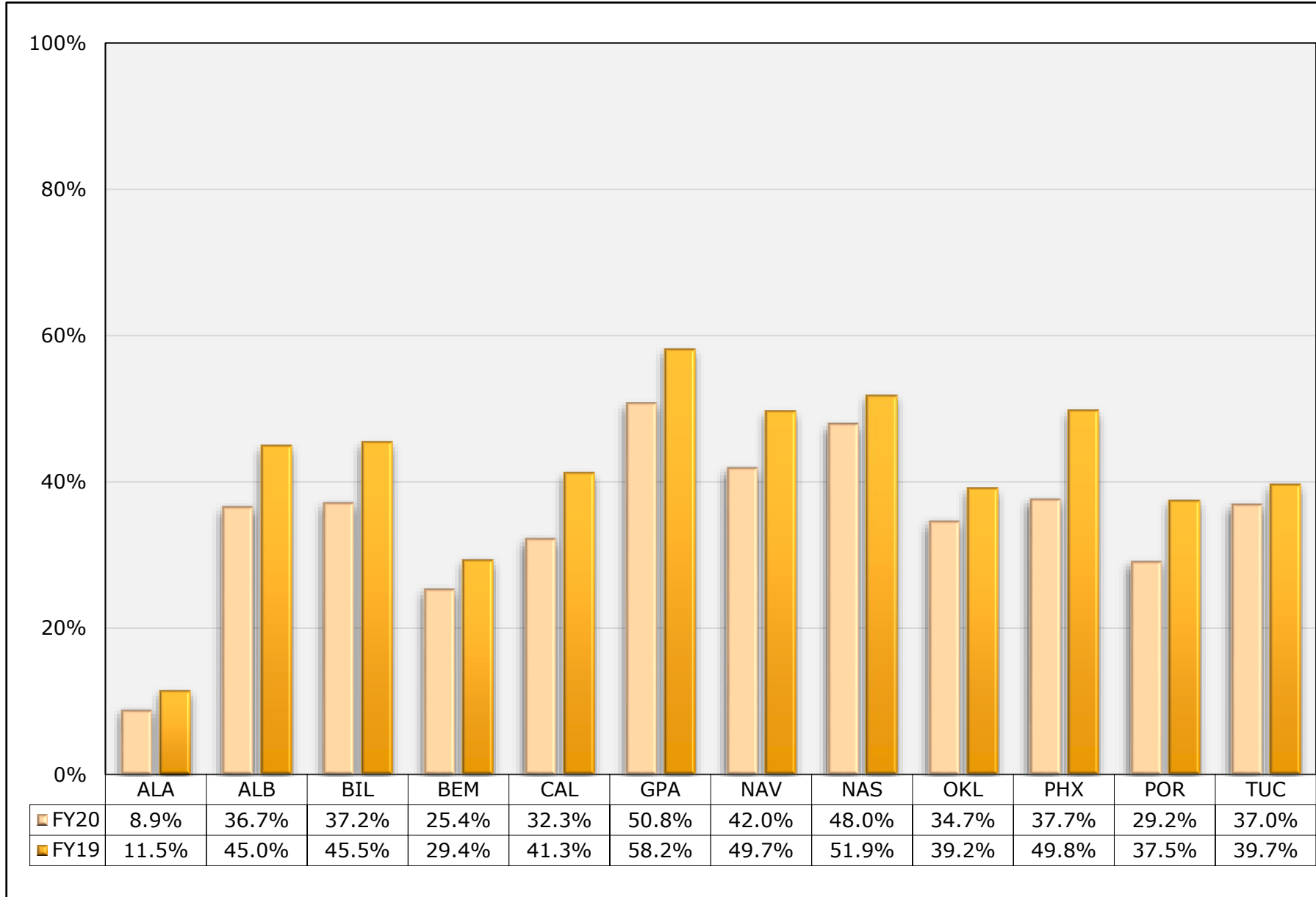|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	3.8%	33.6%	27.4%	34.3%	15.7%	35.6%	17.4%	29.1%	30.8%	18.5%	20.4%	28.0%
FY19	7.0%	45.5%	36.0%	37.1%	18.4%	45.3%	23.5%	35.0%	42.8%	23.4%	28.7%	28.9%

Universal Alcohol Screening

AI/AN patients ages 9-75 who have been screened for
alcohol use within the past year.

Universal Alcohol Screening

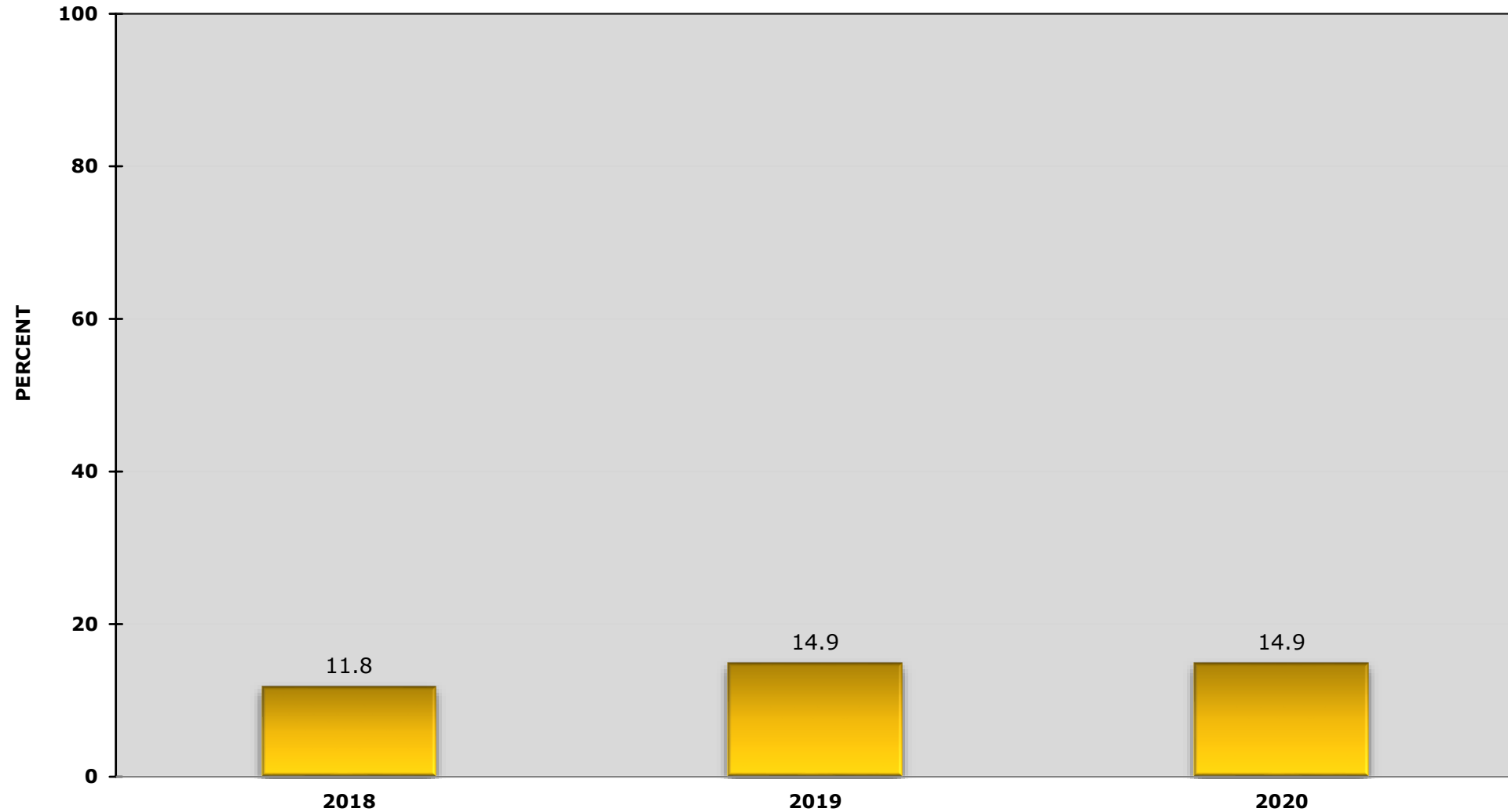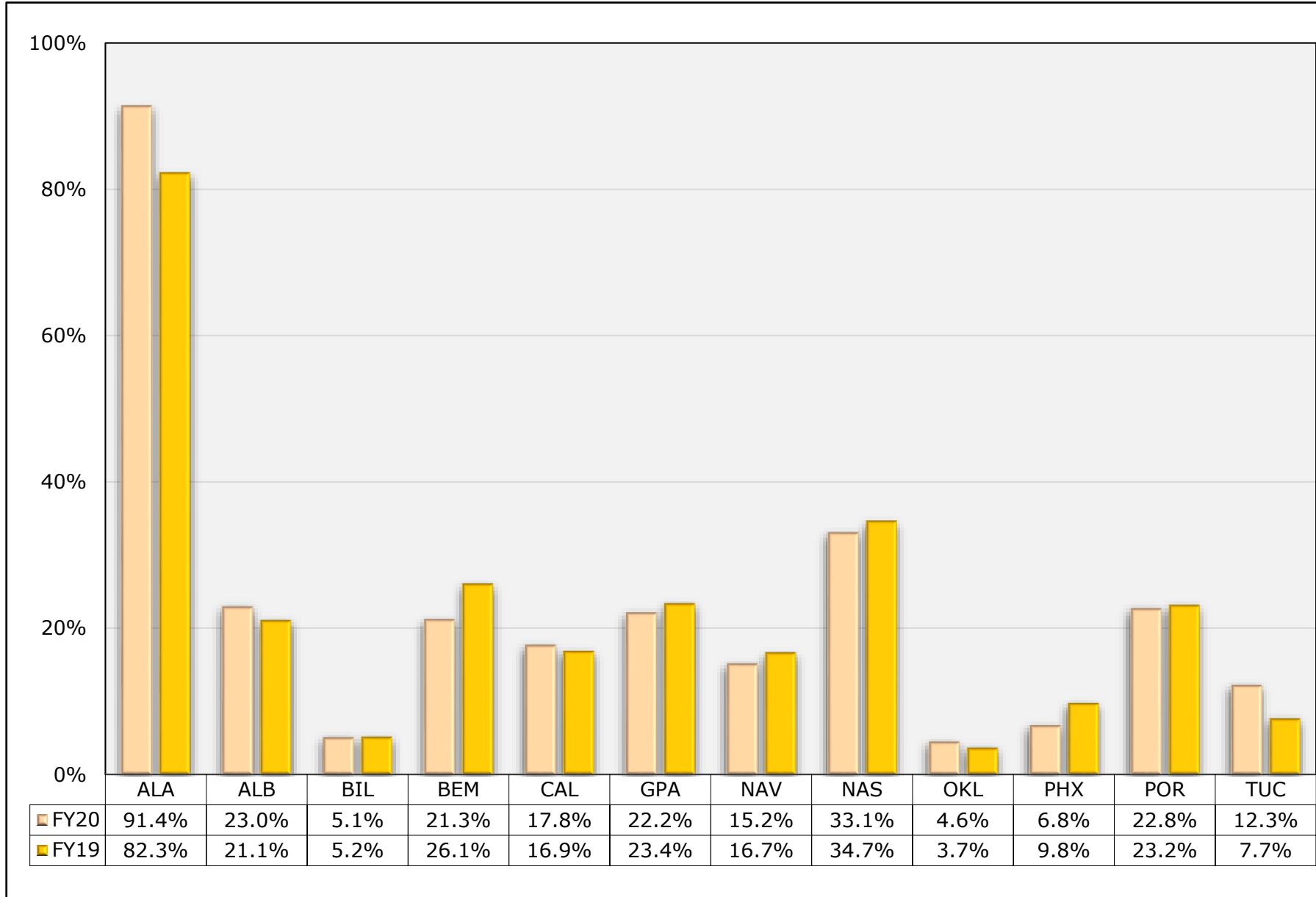|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	8.9%	36.7%	37.2%	25.4%	32.3%	50.8%	42.0%	48.0%	34.7%	37.7%	29.2%	37.0%
FY19	11.5%	45.0%	45.5%	29.4%	41.3%	58.2%	49.7%	51.9%	39.2%	49.8%	37.5%	39.7%

Screening, Brief Intervention, Referral to Treatment (SBIRT)

AI/AN patients ages 9-75 who screened positive for alcohol use and were provided a brief intervention or brief negotiated interview within seven days of the positive screen
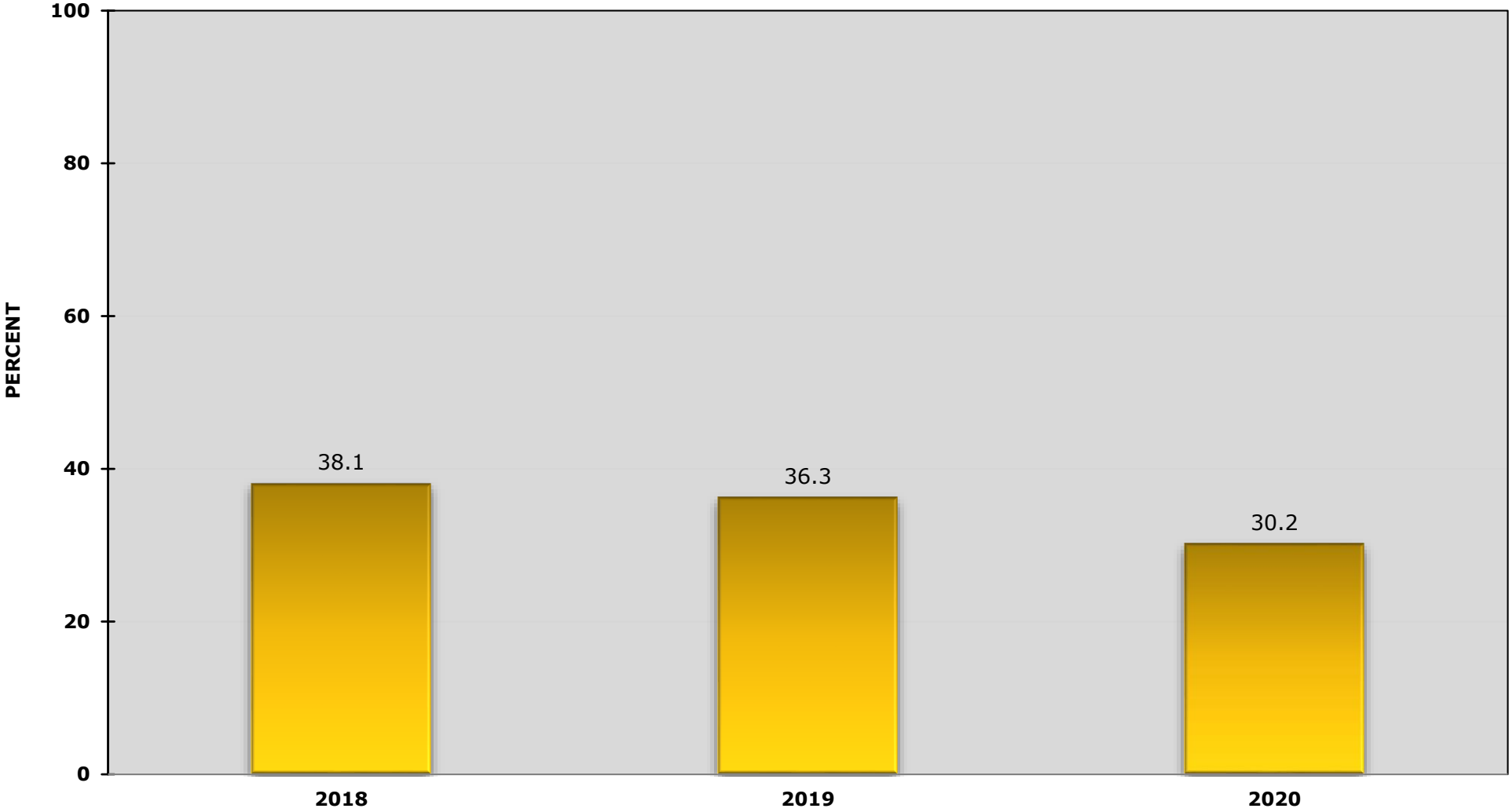
Year	Percent
2018	11.8
2019	14.9
2020	14.9

SBIRT

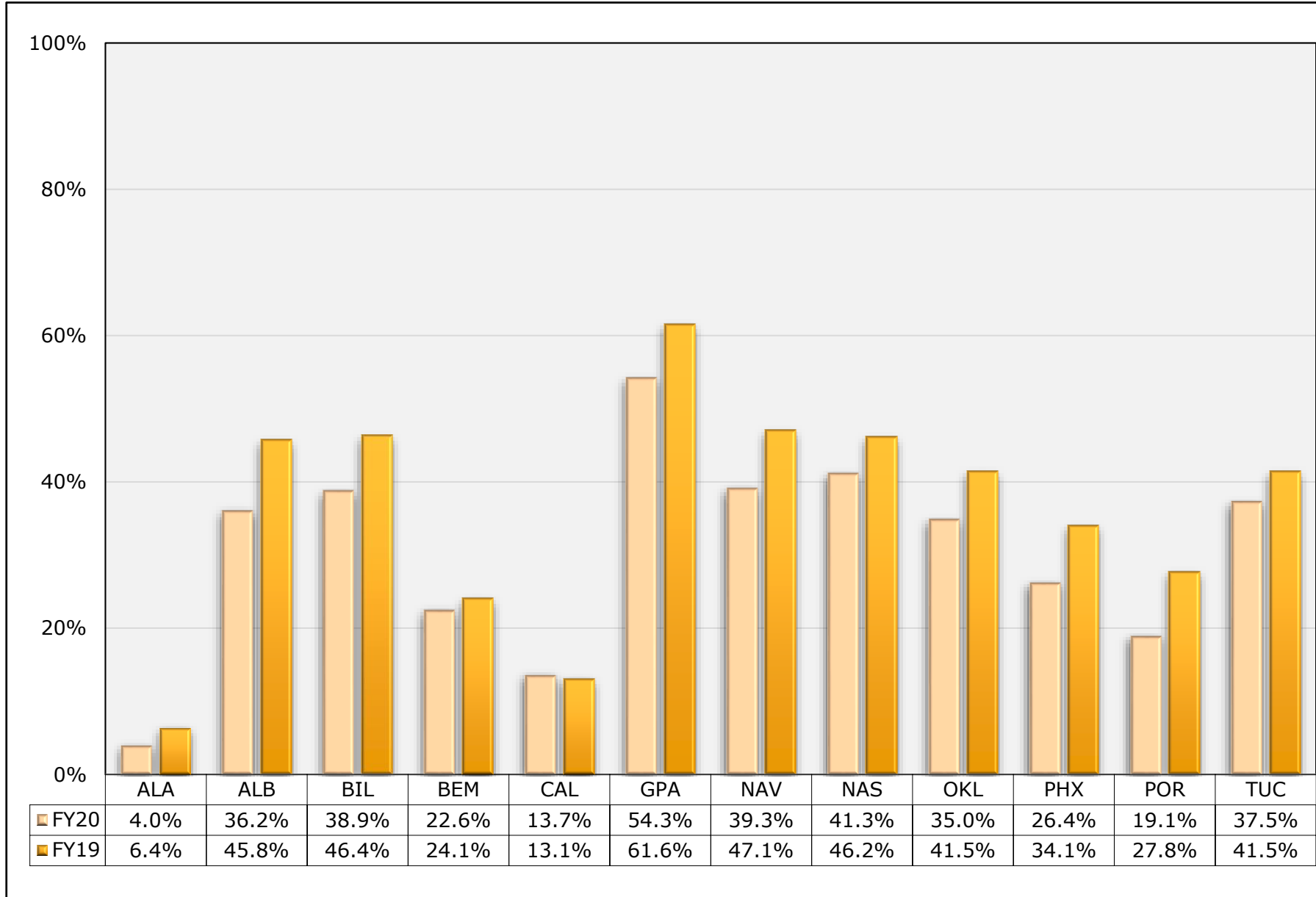|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	91.4%	23.0%	5.1%	21.3%	17.8%	22.2%	15.2%	33.1%	4.6%	6.8%	22.8%	12.3%
FY19	82.3%	21.1%	5.2%	26.1%	16.9%	23.4%	16.7%	34.7%	3.7%	9.8%	23.2%	7.7%

Domestic Violence/Intimate Partner Violence Screening:

AI/AN women (age 14-46) who were screened for domestic violence /intimate partner violence within the past year.
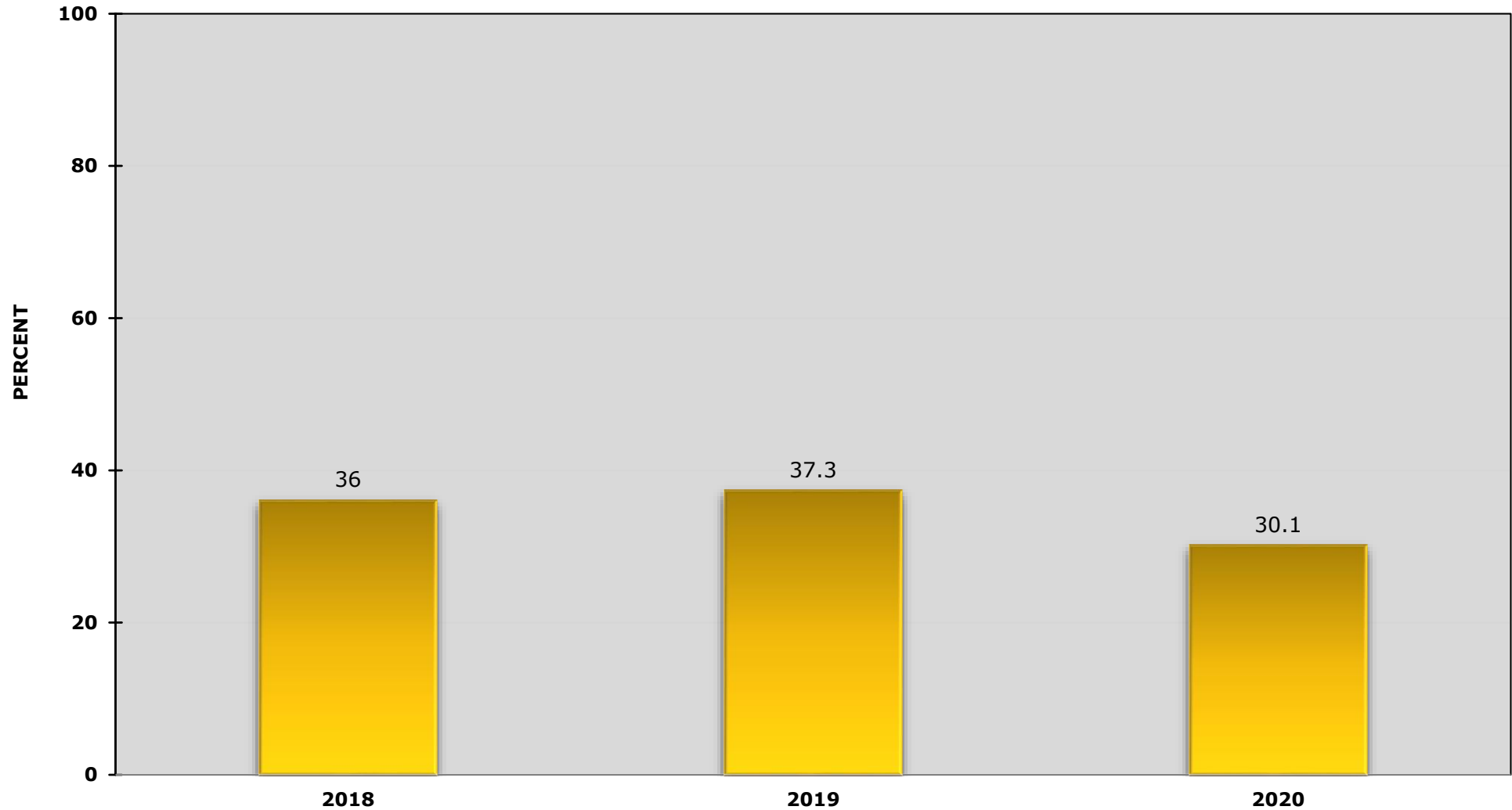
DV/IPV Screening

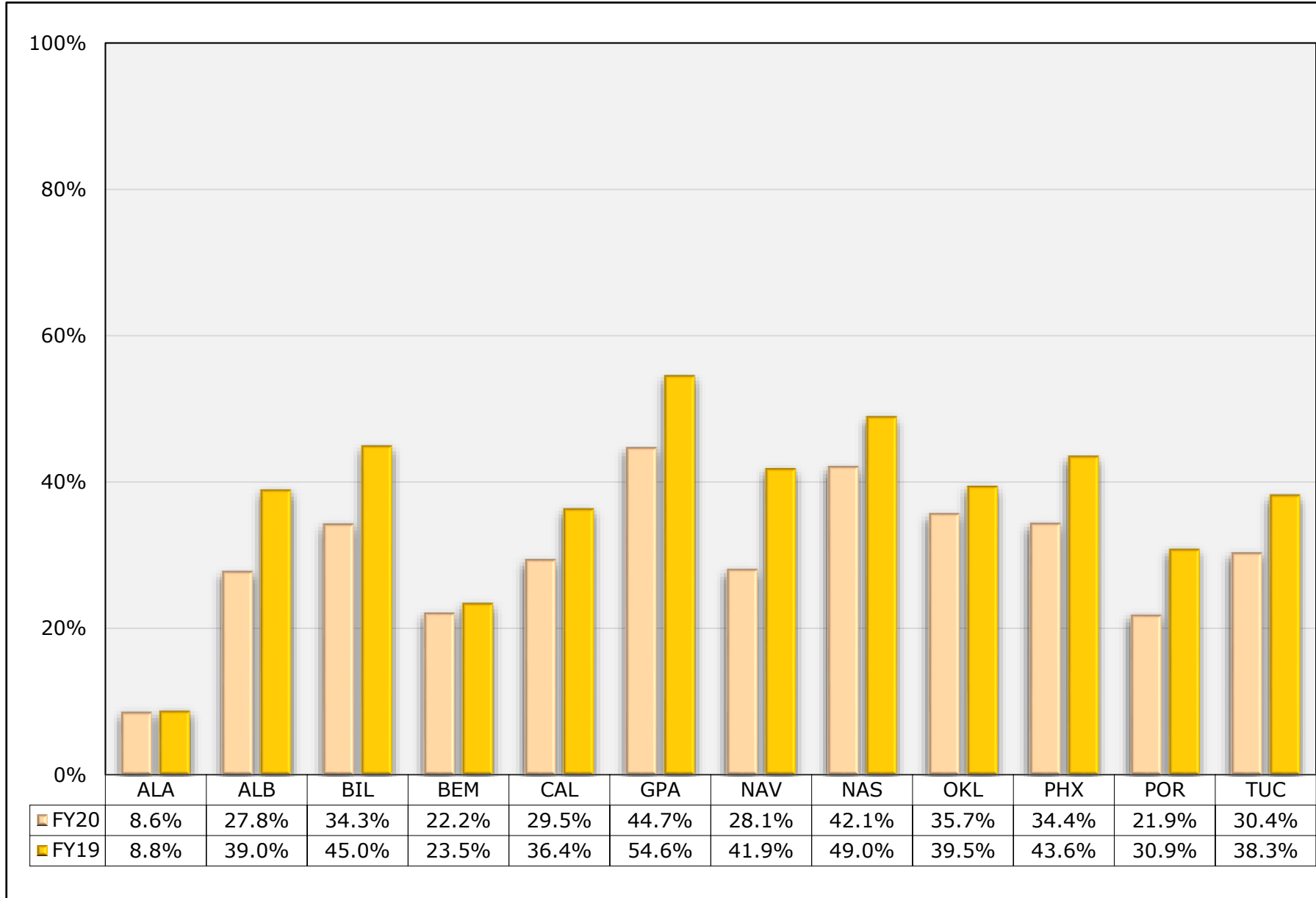|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	4.0%	36.2%	38.9%	22.6%	13.7%	54.3%	39.3%	41.3%	35.0%	26.4%	19.1%	37.5%
FY19	6.4%	45.8%	46.4%	24.1%	13.1%	61.6%	47.1%	46.2%	41.5%	34.1%	27.8%	41.5%

Depression Screening 12-17

AI/AN patients ages 12-17 who have been screened for depression or diagnosed with a mood disorder within the past year.
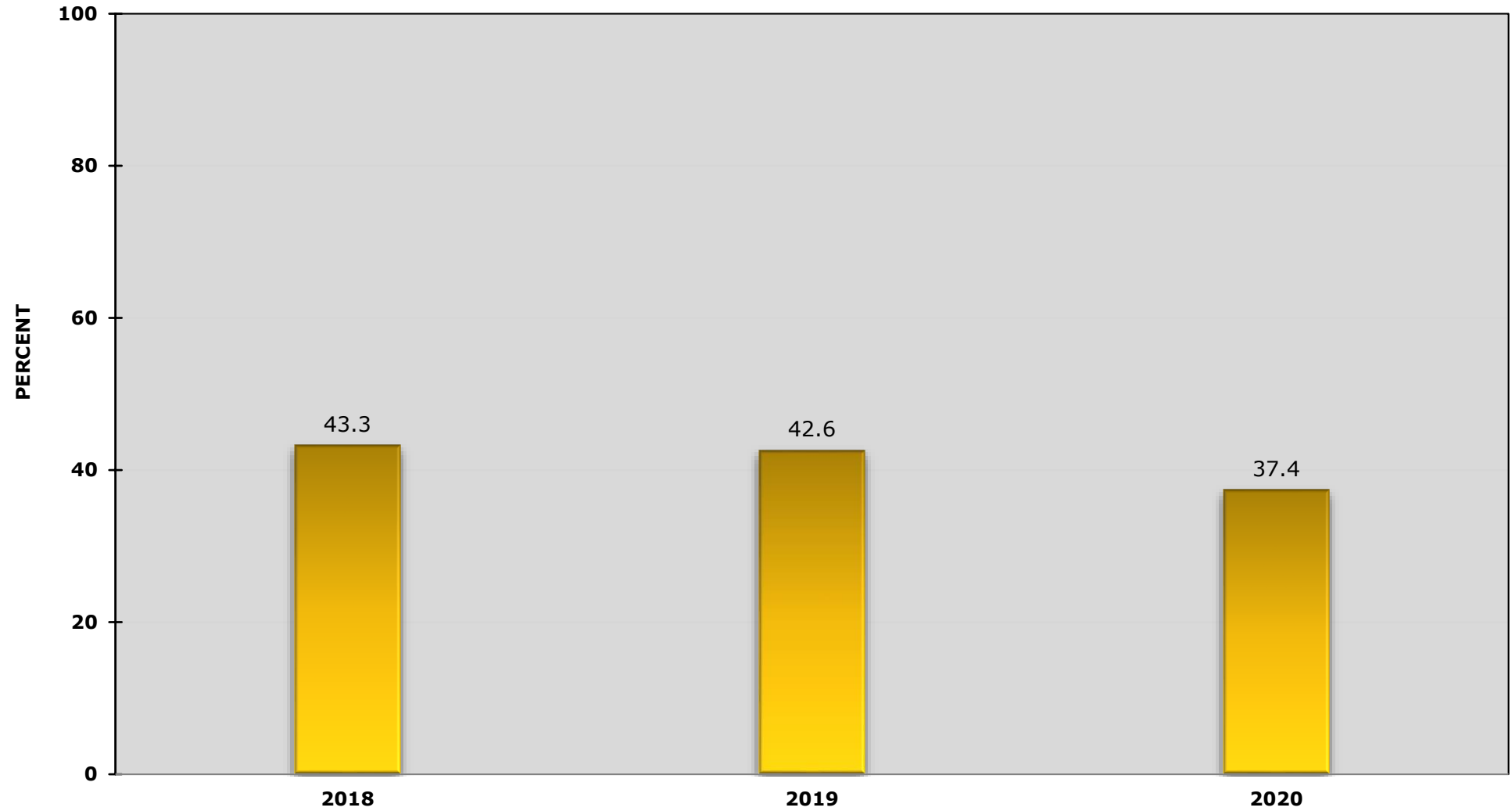

Year	Percent
2018	36
2019	37.3
2020	30.1

Depression Screening 12 – 17 years

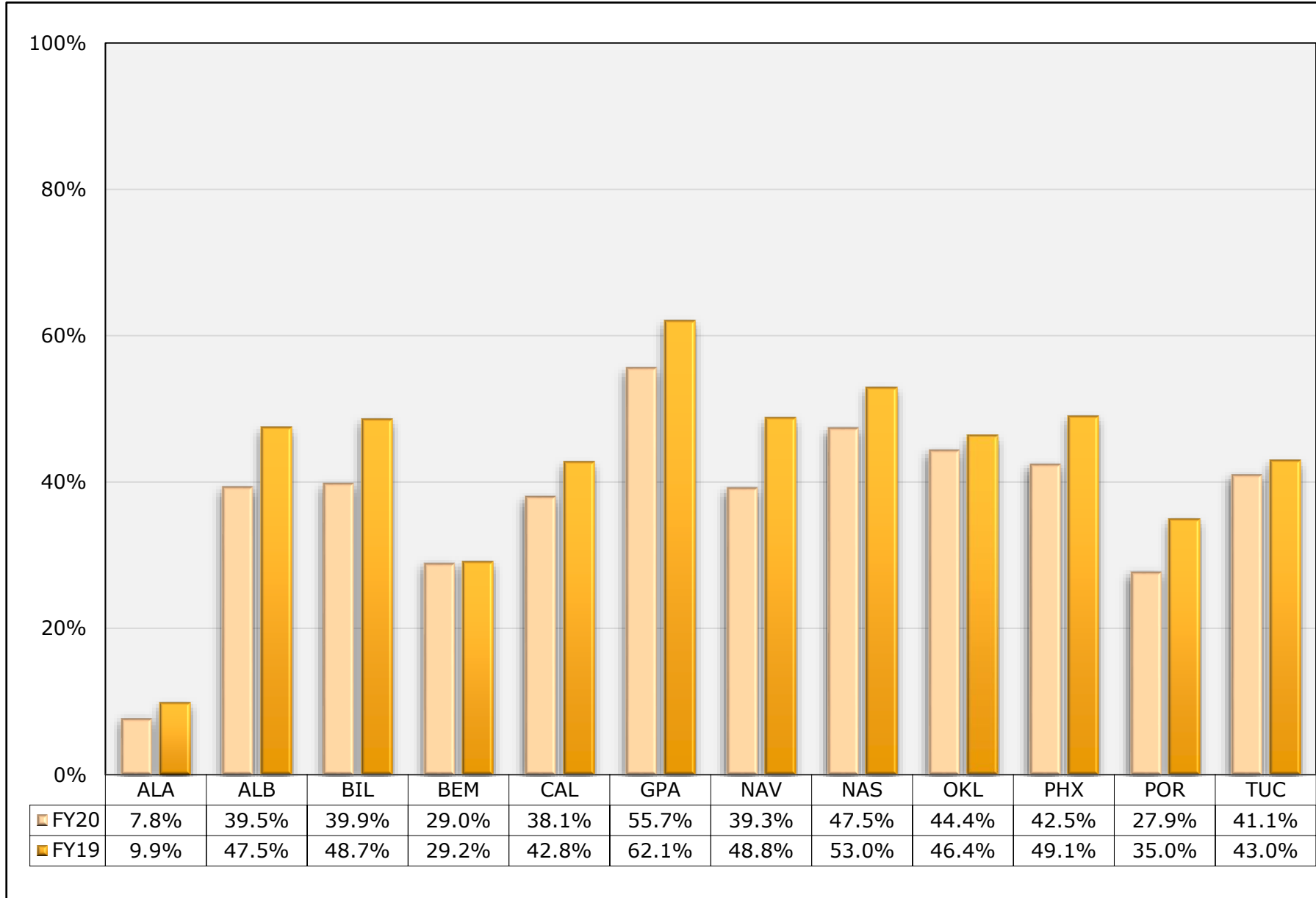|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	8.6%	27.8%	34.3%	22.2%	29.5%	44.7%	28.1%	42.1%	35.7%	34.4%	21.9%	30.4%
FY19	8.8%	39.0%	45.0%	23.5%	36.4%	54.6%	41.9%	49.0%	39.5%	43.6%	30.9%	38.3%

Depression Screening 18+

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 18+

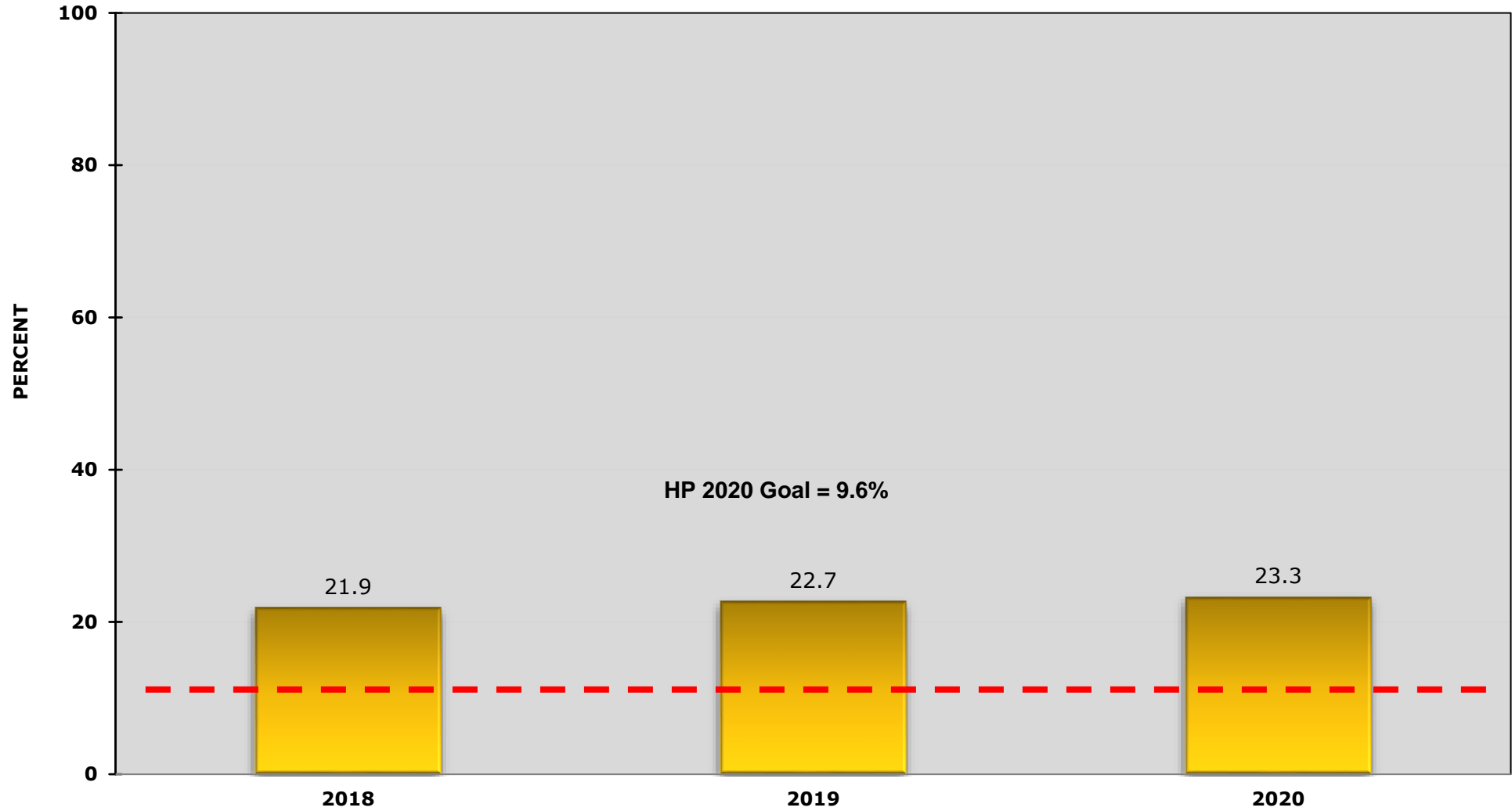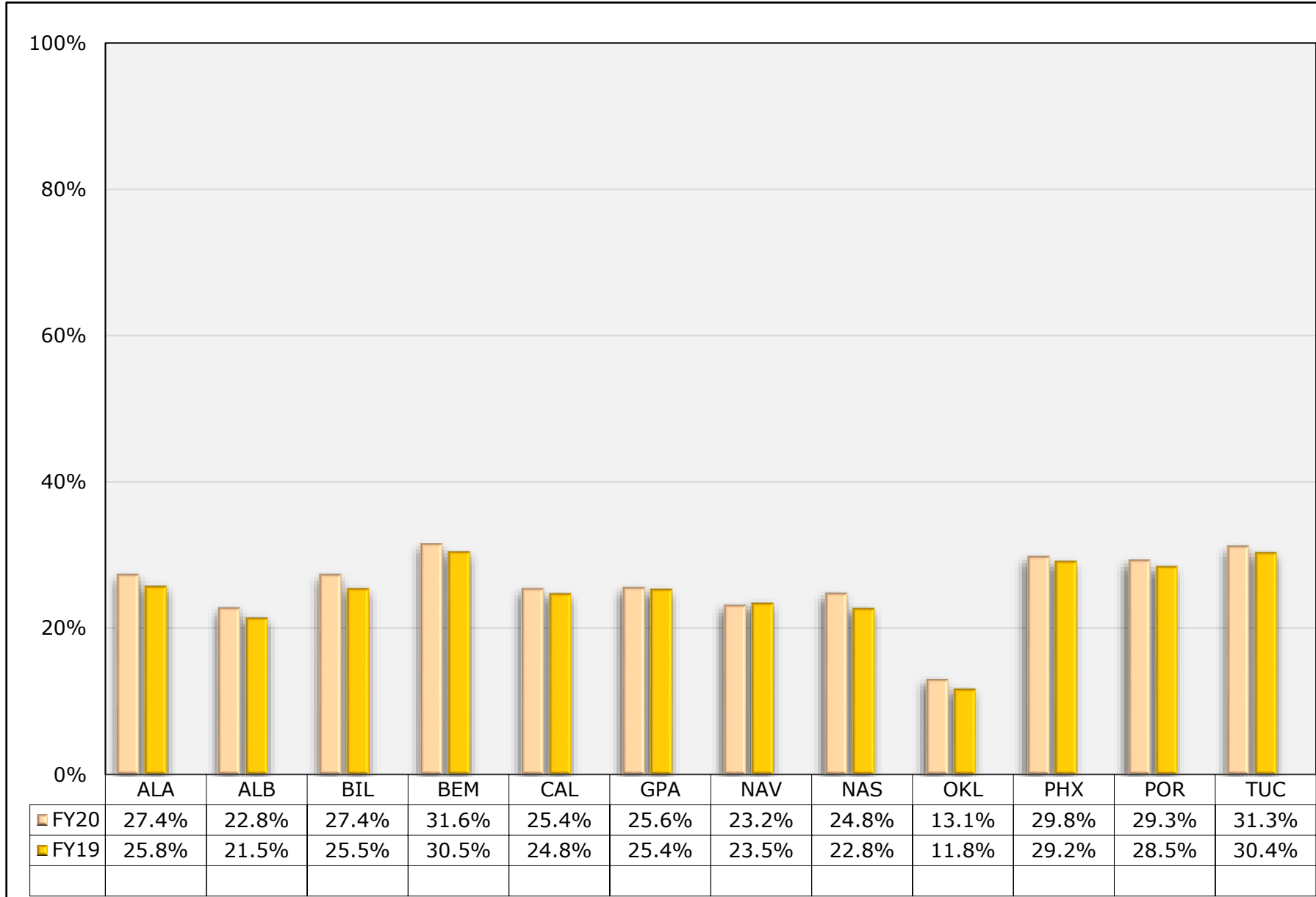|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	7.8%	39.5%	39.9%	29.0%	38.1%	55.7%	39.3%	47.5%	44.4%	42.5%	27.9%	41.1%
FY19	9.9%	47.5%	48.7%	29.2%	42.8%	62.1%	48.8%	53.0%	46.4%	49.1%	35.0%	43.0%

Childhood Weight Control (CWC)

AI/AN children ages 2-5 years with a BMI at or above 95th percentile.

Childhood Weight Control

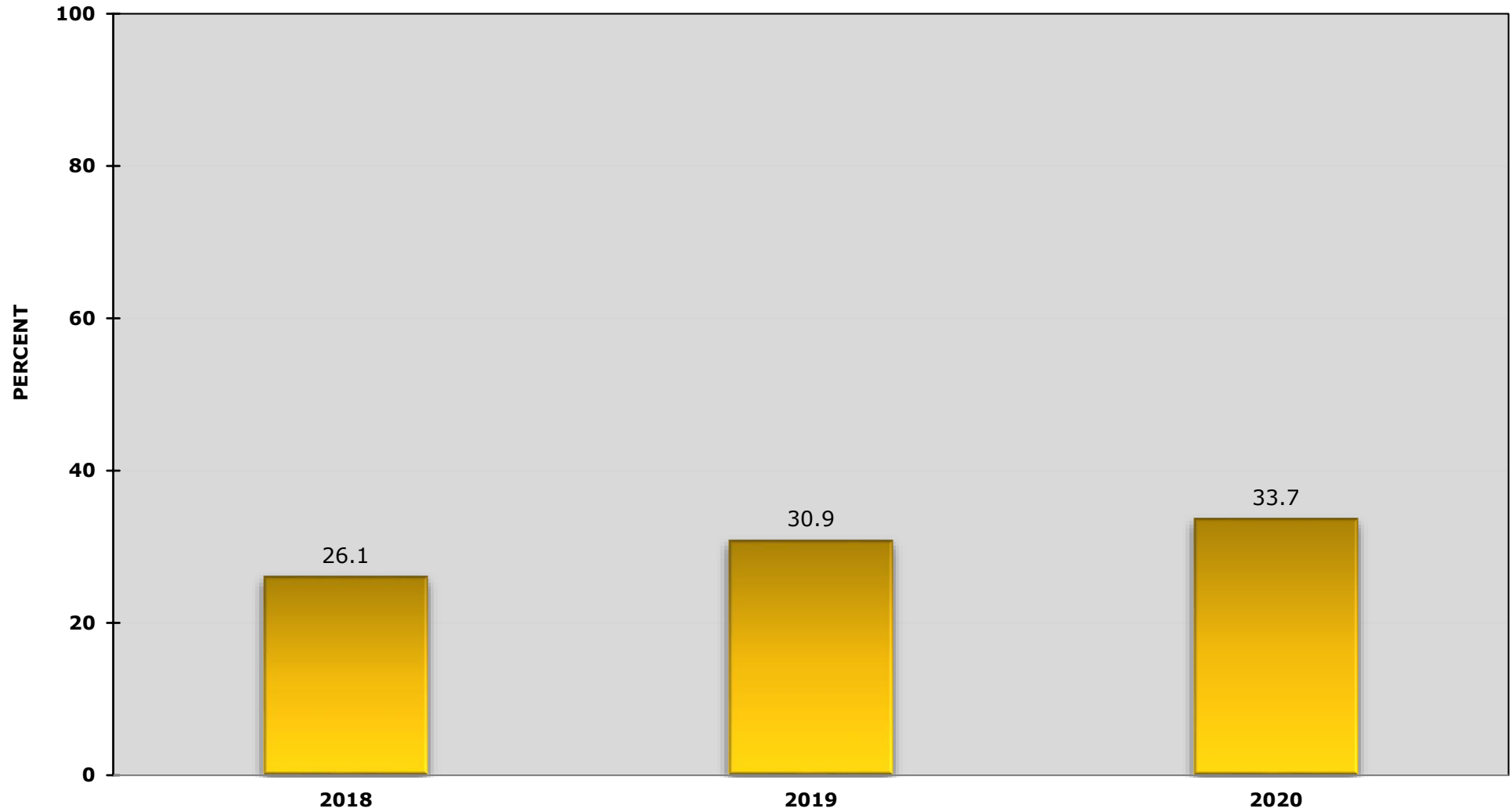|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	27.4%	22.8%	27.4%	31.6%	25.4%	25.6%	23.2%	24.8%	13.1%	29.8%	29.3%	31.3%
FY19	25.8%	21.5%	25.5%	30.5%	24.8%	25.4%	23.5%	22.8%	11.8%	29.2%	28.5%	30.4%

HIV Screening Ever

AI/AN patients who have ever received screening for HIV.

HIV Screening Ever

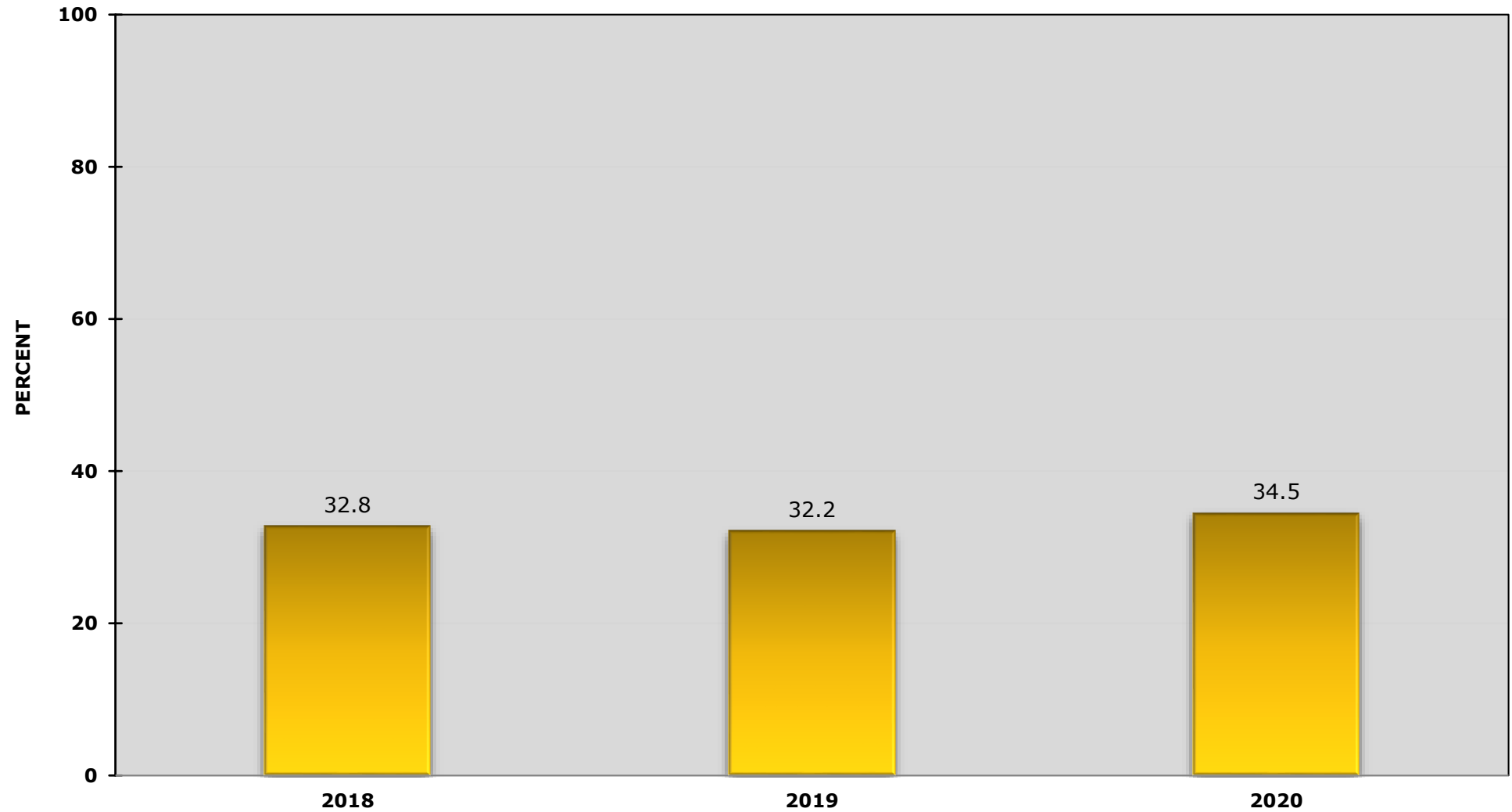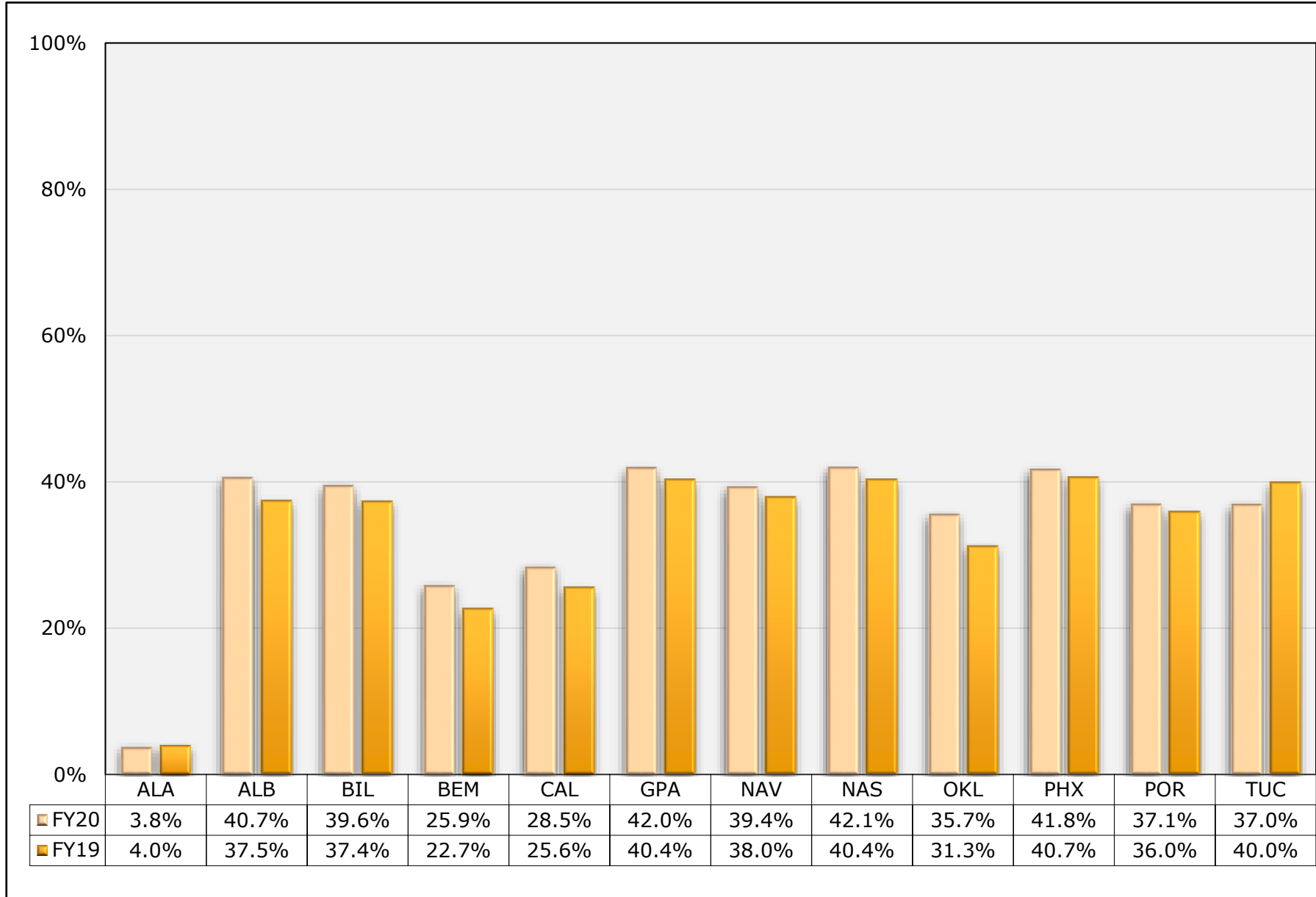|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	24.3%	32.6%	33.7%	23.0%	35.2%	40.4%	43.7%	36.6%	28.6%	43.1%	29.1%	45.4%
FY19	20.0%	31.1%	31.4%	21.0%	32.3%	38.4%	40.7%	33.9%	24.7%	40.6%	27.4%	43.8%
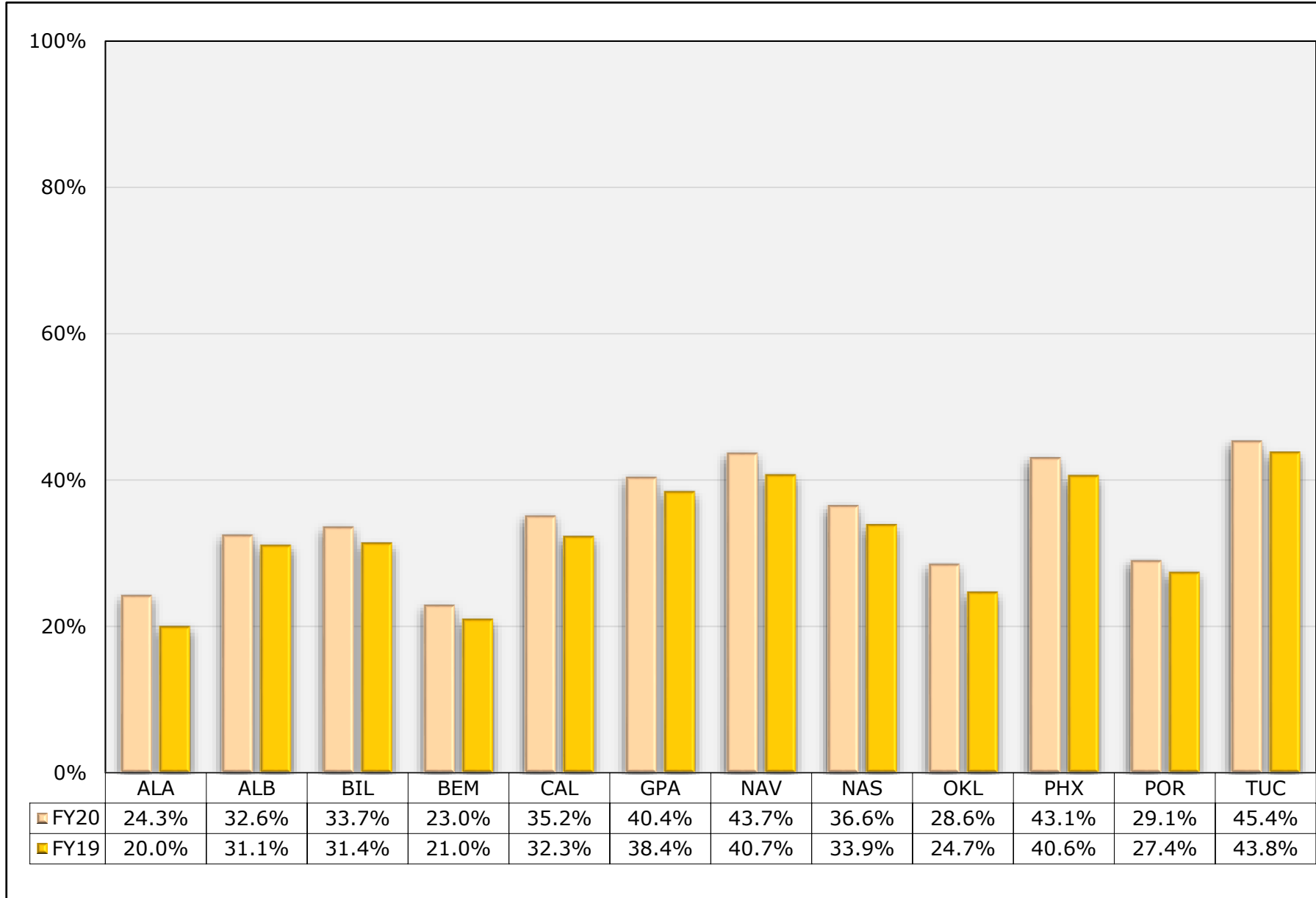
CVD Statin Therapy

Patients age 40 to 75 with diabetes, or age 21 and older with documented CVD or an LDL greater than or equal to 190 who are statin therapy users or receive a prescription for statin therapy

Year	Percent
2018	32.8
2019	32.2
2020	34.5

CVD Statin Therapy

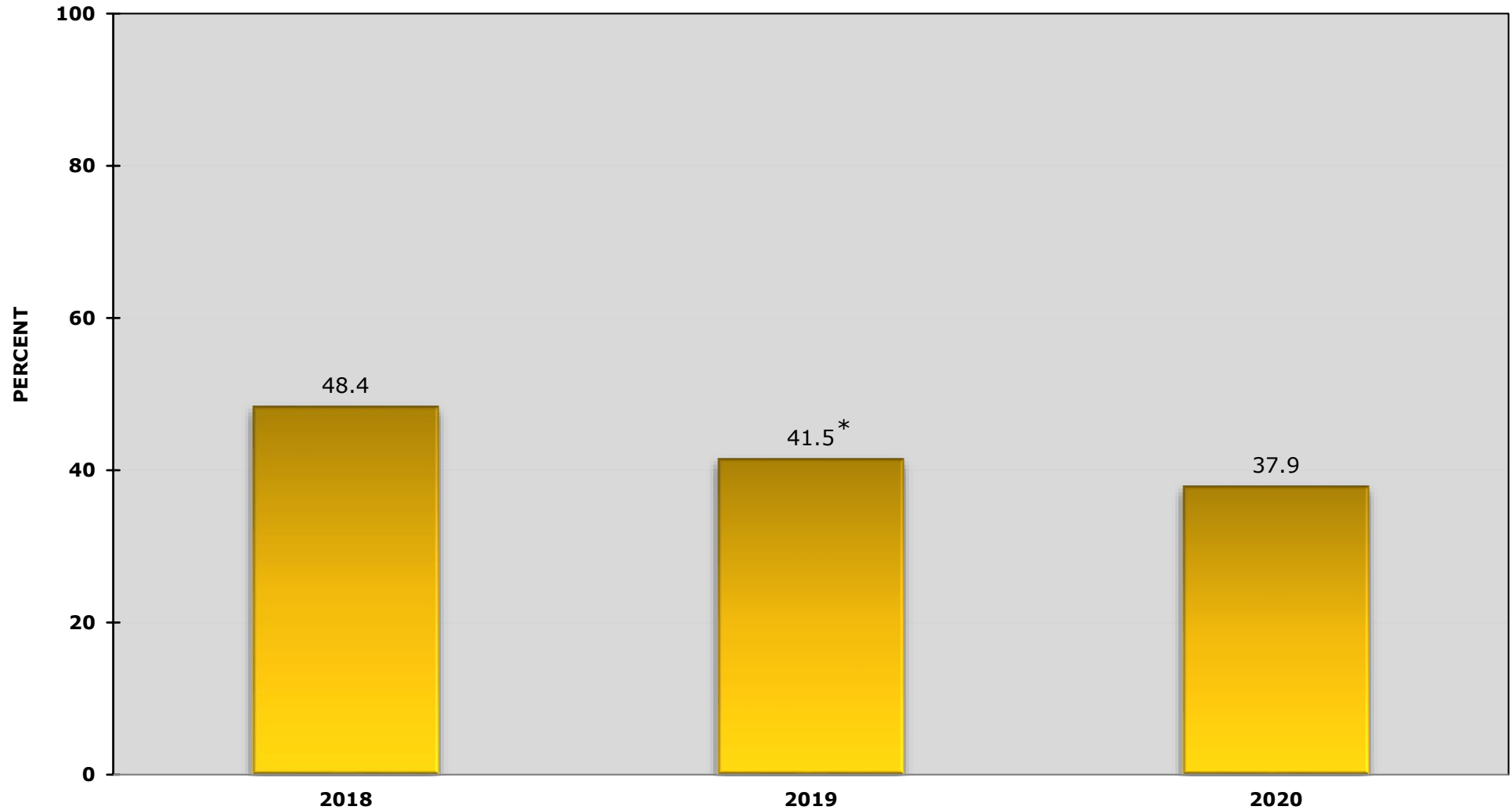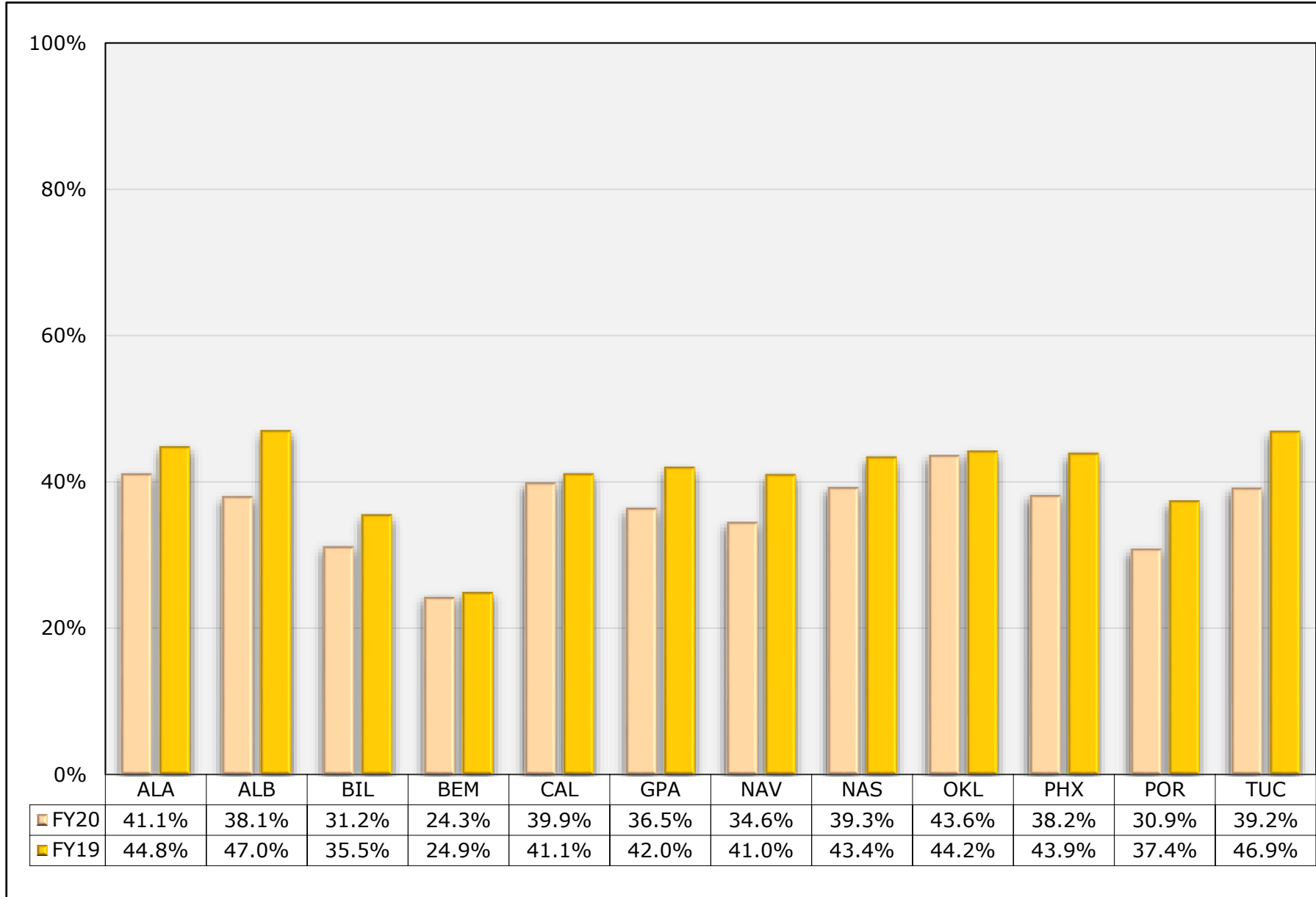|	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	3.8%	40.7%	39.6%	25.9%	28.5%	42.0%	39.4%	42.1%	35.7%	41.8%	37.1%	37.0%
FY19	4.0%	37.5%	37.4%	22.7%	25.6%	40.4%	38.0%	40.4%	31.3%	40.7%	36.0%	40.0%

Controlling High Blood Pressure (MH)

AI/AN patients with diagnosed hypertension who have achieved blood pressure control (<140/90).

*Measure logic change in FY 2019.

Controlling High Blood Pressure (MH)

	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	41.1%	38.1%	31.2%	24.3%	39.9%	36.5%	34.6%	39.3%	43.6%	38.2%	30.9%	39.2%
FY19	44.8%	47.0%	35.5%	24.9%	41.1%	42.0%	41.0%	43.4%	44.2%	43.9%	37.4%	46.9%

Breastfeeding Rates

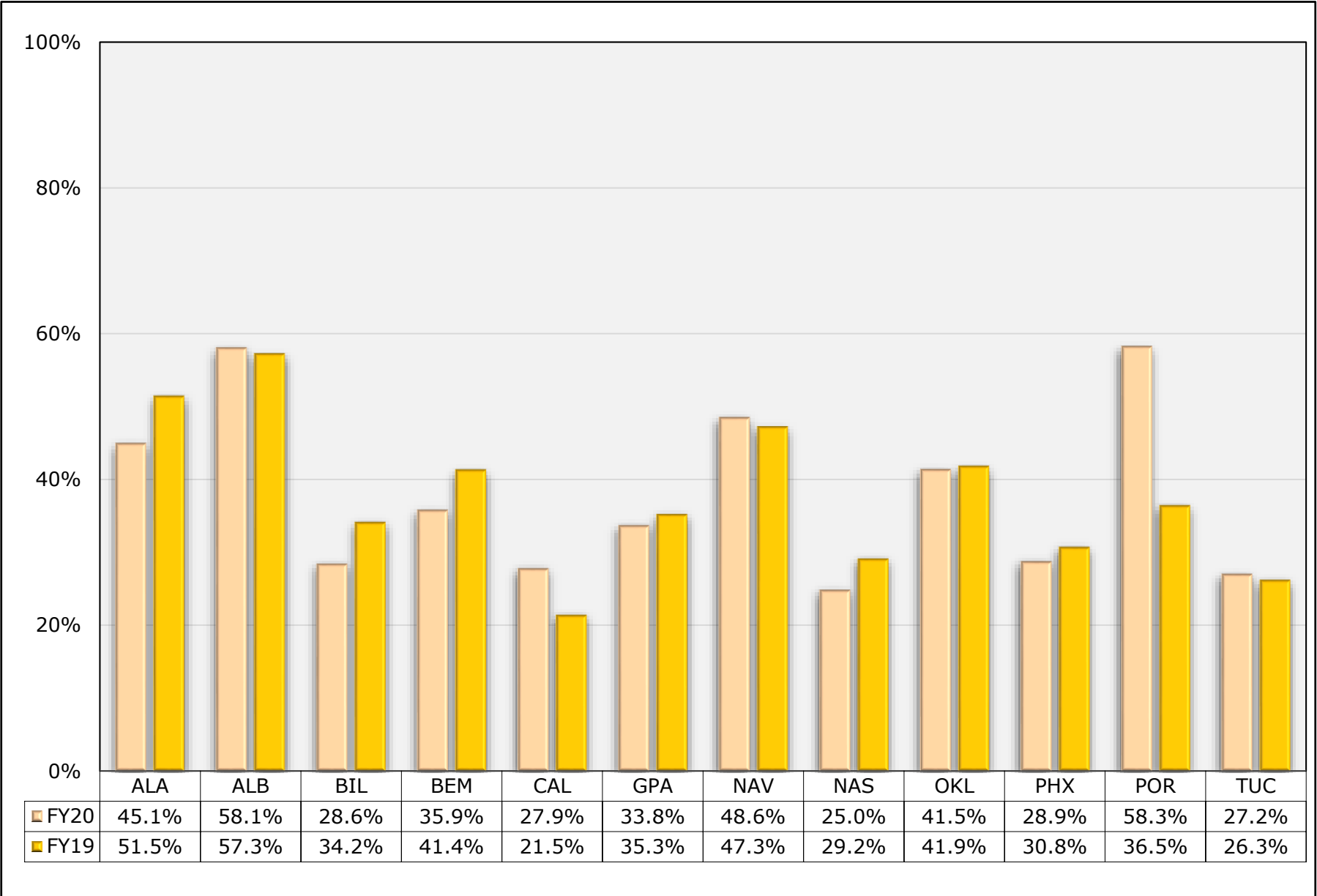AI/AN patients who, at the age of two months, were either exclusively or mostly breastfed.

Breastfeeding Rates

	ALA	ALB	BIL	BEM	CAL	GPA	NAV	NAS	OKL	PHX	POR	TUC
FY20	45.1%	58.1%	28.6%	35.9%	27.9%	33.8%	48.6%	25.0%	41.5%	28.9%	58.3%	27.2%
FY19	51.5%	57.3%	34.2%	41.4%	21.5%	35.3%	47.3%	29.2%	41.9%	30.8%	36.5%	26.3%
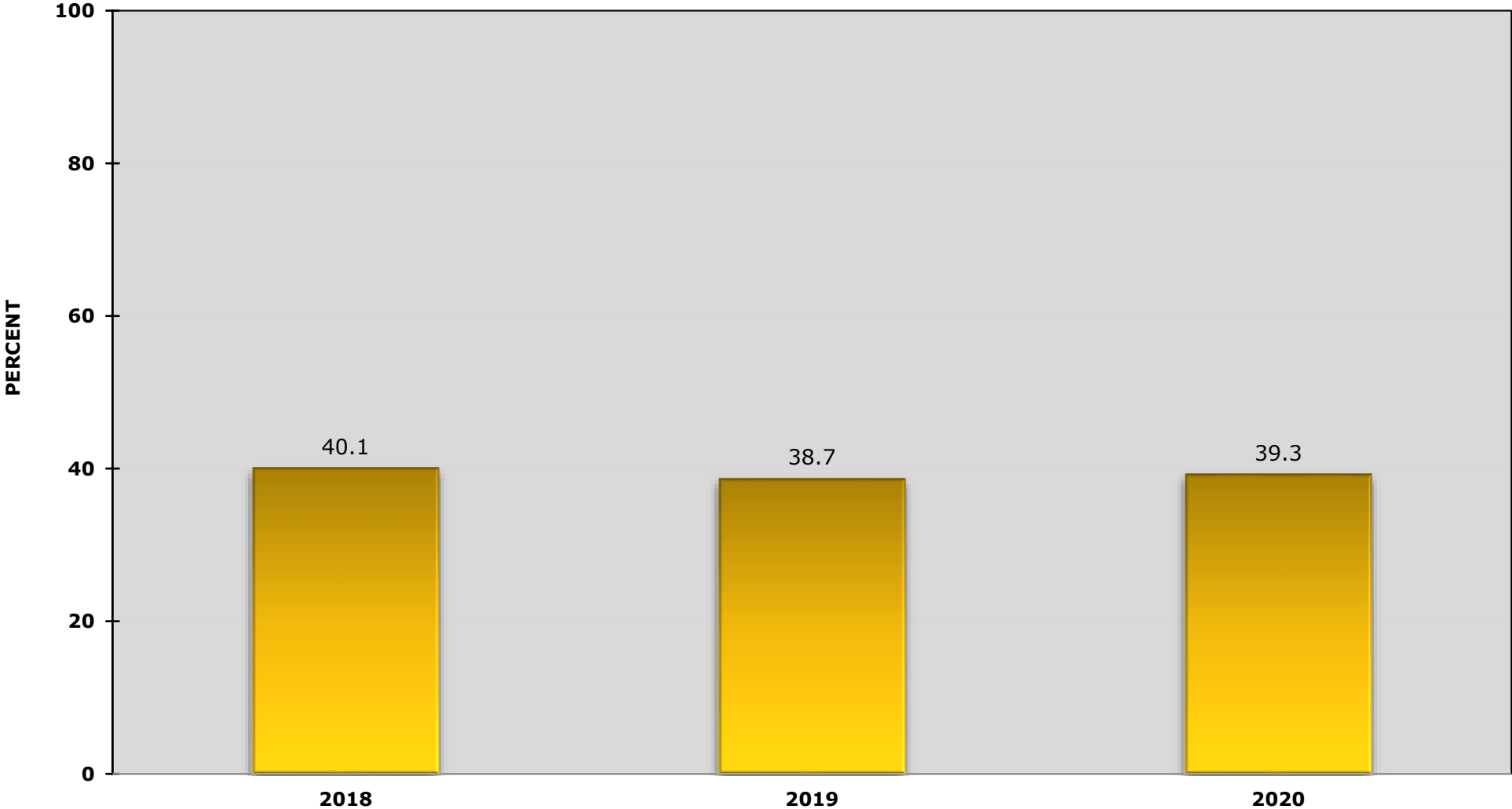
DIABETES	FY 2019 Target	FY 2019 Final	FY 2020 Target	FY 2020 Final	FY 2020 Final Results
Poor Glycemic Control[a]	Baseline	17.4%	17.4%	16.4%	Met
Controlled BP <140/90	52.3%	57.2%	60.5%	52.7%	Not Met
Statin Therapy	37.5%	47.4%	51.6%	50.2%	Not Met
Nephropathy Assessed	34.0%	44.0%	48.1%	38.8%	Not Met
Retinopathy Exam	49.7%	49.7%	53.5%	37.4%	Not Met
DENTAL					
Dental: General Access	27.2%	30.0%	29.7%	22.9%	Not Met
Sealants	16.0%	15.9%	17.2%	11.2%	Not Met
Topical Fluoride	30.0%	32.1%	34.5%	22.1%	Not Met
IMMUNIZATIONS					
Influenza Vaccination 6mo - 17yrs	20.6%	25.7%	26.1%	25.7%	Not Met
Influenza Vaccination 18+	18.8%	23.6%	25.4%	24.3%	Not Met
Adult Immunizations	54.9%	53.3%	59.7%	39.1%	Not Met
Childhood IZ	45.6%	41.4%	45.9%	39.9%	Not Met
PREVENTION					
(Cervical) Pap Screening	35.9%	37.1%	39.2%	35.3%	Not Met
Mammography Screening[b]	Baseline	42.0%	42.0%	36.9%	Not Met
Colorectal Cancer Screening	32.6%	31.5%	34.7%	28.6%	Not Met
Tobacco Cessation	27.5%	32.9%	31.4%	25.3%	Not Met
Universal Alcohol Screening	37.0%	40.7%	42.4%	34.0%	Not Met
SBIRT	8.9%	14.9%	12.2%	14.9%	Met
IPV/DV Screening	41.6%	36.3%	41.5%	30.2%	Not Met
Depression Screening 12 - 17 years	27.6%	37.3%	38.0%	30.1%	Not Met
Depression Screening 18+	42.2%	42.6%	45.7%	37.4%	Not Met
Childhood Weight Control	22.6%	22.7%	22.6%	23.3%	Not Met
Controlling High Blood Pressure (MH)	42.3%	41.5%	52.6%	37.9%	Not Met
CVD Statin Therapy	26.6%	32.2%	35.7%	34.5%	Not Met
HIV Screen Ever	17.3%	30.9%	28.4%	33.7%	Met
Breastfeeding Rates	39.0%	38.7%	43.6%	39.3%	Not Met

[a]New measure as of FY 2019.

[b]Logic change in FY 2019.

Measures Met: 3

Measures Not Met: 23

Measure in red is a GPRAMA measure.