

2023 UDS Data Clinical Measures

HCHN Governance Council
May 20, 2024

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Agenda

- Provide an overview of UDS clinical measures
- Share 2023 results by race and ethnicity and trends over time for:
 - High Blood Pressure (Hypertension)
 - Diabetes
- Discussion
- Appendix: All other clinical measures (trends 2017-2023)

Clinical Measures Overview

- UDS Clinical Measures are used to:
 - evaluate and improve health-center performance
 - ensure compliance with legislative mandates
 - identify trends in health centers' impact on expanding access, addressing health disparities, improving quality, and reducing health care costs.
- All health centers report on the same 18 clinical measures.
- Clinical measures primarily consider patients with medical visits (one dental measure).

Clinical Measures Performance Considerations

- Most clinical measurements are based on ability to follow up with people, requiring more than one visit or ability to reach patients via text, phone, etc. About 1/3 of HCHN medical patients only have one visit annually.
- Each measure has specific inclusion or exclusion criteria, based on age, sex assigned at birth, prior diagnoses, pregnancy, palliative and/or hospice care. Definitions may slightly change year to year to align with national standards.
- Exclusion and exception criteria are difficult to consistently diagnose and chart, particularly in outreach and field-based settings.
- Essentially all clinical measures have higher performance associated with increased housing stability.

List of UDS Clinical Measures

Screening and Preventive Care	Maternal Care and Children's Health	Disease Management
<ul style="list-style-type: none"> • Cervical Cancer Screening • Breast Cancer Screening • Body Mass Index (BMI) Screening and Follow-Up Plan • Tobacco Use: Screening and Cessation Intervention • Colorectal Cancer Screening • HIV Screening • Screening for Depression and Follow-Up Plan 	<ul style="list-style-type: none"> • Early Entry into Prenatal Care • Childhood Immunization Status • Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents • Dental Sealants for Children between 6-9 Years • Low Birth Weight* 	<ul style="list-style-type: none"> • Statin Therapy for the Prevention and Treatment of Cardiovascular Disease • Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet • HIV Linkage to Care • Depression Remission at Twelve Months • Controlling High Blood Pressure (Hypertension)* • Diabetes: Hemoglobin A1c (HbA1c) Poor Control (> 9 percent)*

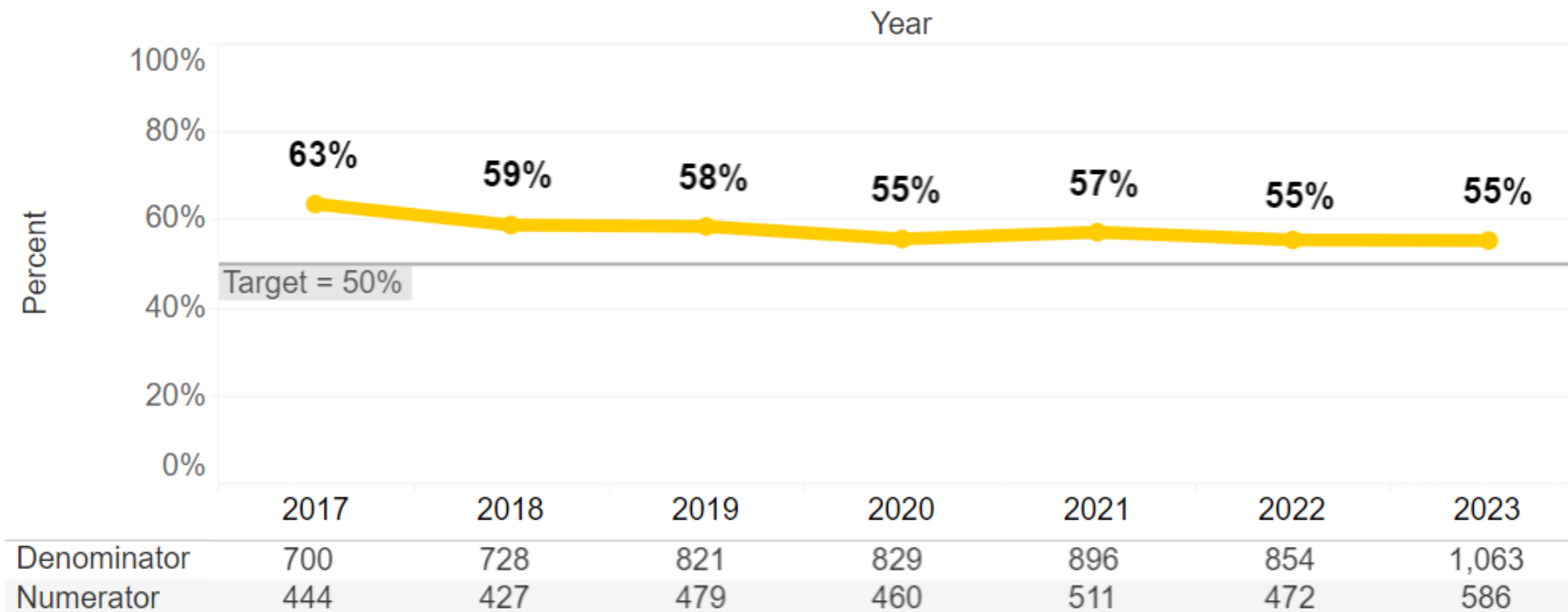
* Reported in UDS by race and ethnicity. All other measures analyzed internally by race and ethnicity.

High Blood Pressure (Hypertension) Measure Criteria

- Denominator (patients to include):
 - Patients 18-85 by the end of the year
 - Had a diagnosis of essential hypertension before or within the first 6 months of the year
- Numerator (patients who 'met' the criteria):
 - Blood pressure at the most recent visit was controlled, or less than 140/90 mmHg
- Exclusions and exceptions:
 - ESRD, dialysis, or renal transplant within the year
 - Pregnant during any part of the year
 - Hospice during any part of the year
 - Palliative care during any part of the year
 - 66+ and living long term in a nursing home
 - 66-80 with an indication of frailty *and* have 1 inpatient visit, 2 outpatient visits, or taking dementia medications
 - 81+ with an indication of frailty

High Blood Pressure (Hypertension) UDS Results 2017-2023

Percentage of patients 18-85 years of age with hypertension who had systolic blood pressure < 140 and diastolic blood pressure < 90



Comparisons (2022)

National

63.4%

Washington State

67.8%

High Blood Pressure (Hypertension) by Race & Ethnicity

2023	Patients 18-85+ with hypertension	Blood pressure controlled	% Met
Asian	42	28	67%
Native Hawaiian and Pacific Islander	9	2	22%
Black/African American	316	178	56%
American Indian and Alaska Native	23	13	57%
White	567	309	54%
More than one race	18	9	50%
Unreported race	88	47	53%
Hispanic, Latino/a, or Spanish Origin*	126	75	60%
Total	1063	586	55%

*of any race

No significant disparities in overall performance by race and ethnicity in the last few years.

Communities to prioritize outreach & engagement efforts:

- Clients living on the street (35%)

High Blood Pressure (Hypertension) Discussion

- What factors or HCHN-specific context should be considered when reviewing performance on this measure?
- What strategies do we currently use to reach clients with hypertension?
- Can we use this data to adjust practices?
- What can the GC do to support?

Diabetes Measure Criteria

- Denominator (patients to include):
 - Patients 18-75 by the end of the year
 - Had an active diagnosis of diabetes
- Numerator (patients who 'met' the criteria):
 - Hemoglobin A1c (HbA1c) at the most recent visit was greater than 9.0 percent, or
 - No HbA1c measurement in the whole year

Diabetes is a negative, or inverse, measure. This means a lower percent = less uncontrolled diabetes, and the better the performance on the measure.

- Exclusions and exceptions:
 - Hospice during any part of the year
 - Palliative care during any part of the year
 - 66+ and living long term in a nursing home
 - 66-80 with an indication of frailty *and* have 1 inpatient visit, 2 outpatient visits, or taking dementia medications

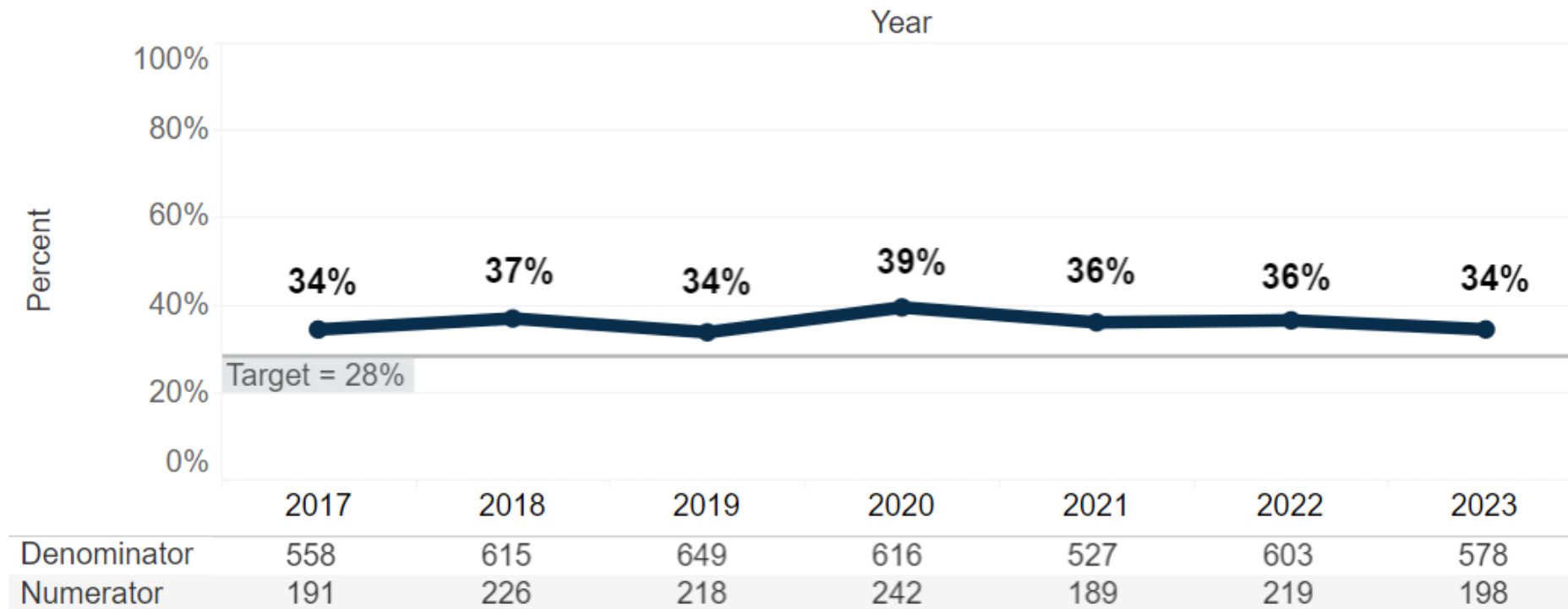
Diabetes

UDS Results 2017-2023

What is a negative measure?

- For most measures, higher % = better, more patients are meeting the measure
- For diabetes, lower % = better → **fewer patients with *uncontrolled* diabetes** and **more patients with *controlled* diabetes**

Percentage of patients 18-75 years of age with DM who had HbA1c > 9 (negative measure)



Comparisons (2022)

National
30.4%

Washington State
23.0%

Diabetes by Race & Ethnicity

What is a negative measure?

- For most measures, higher % = better, more patients are meeting the measure
- For diabetes, lower % = better → **fewer patients with *uncontrolled* diabetes and more patients with *controlled* diabetes**

2023	Patients 18-75 with diabetes	HbA1c uncontrolled	% Met
Asian	22	7	32%
Native Hawaiian and Pacific Islander	7	1	14%
Black/African American	168	54	32%
American Indian and Alaska Native	16	4	25%
White	288	105	36%
More than one race	13	4	31%
Unreported race	64	23	36%
Hispanic, Latino/a, or Spanish Origin*	104	36	35%
Total	578	198	34%

No significant disparities in overall performance by race and ethnicity in the last few years.

Communities to prioritize outreach & engagement efforts:

- Clients without an A1c measurement in the year
- Clients with uncontrolled diabetes (A1c over 9%)
- Clients living on the street (52%)

*of any race

Diabetes Discussion

- What factors or HCHN-specific context should be considered when reviewing performance on this measure?
- What strategies do we currently use to reach clients with diabetes?
- Can we use this data to adjust practices?
- What can the GC do to support?

Additional Resources

- [2023 UDS Manual \(hrsa.gov\)](https://www.hrsa.gov/uds/manual)
- [UDS Clinical Quality Measures 2023 \(hrsa.gov\)](https://www.hrsa.gov/uds/clinical-quality-measures)
- [Health Center Program Uniform Data System \(UDS\) Data Overview \(hrsa.gov\)](https://www.hrsa.gov/uds/health-center-program)

Thank you!

Contact

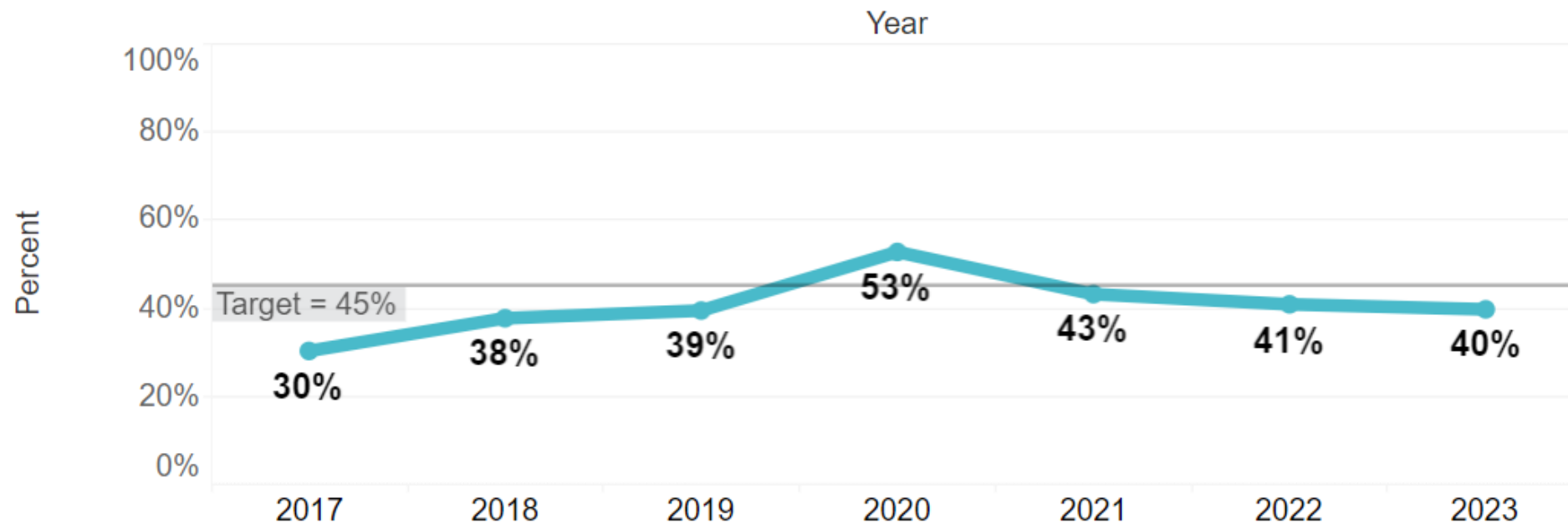
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Appendix: UDS Clinical Measures

Screening and Preventive Care Measures

Screening and Preventive Care Cervical Cancer Screening

Percentage of women 24-64 years of age who were screened for cervical cancer



Denominator	4,120	3,720	4,176	3,774	3,375	3,235	3,429
Numerator	1,240	1,396	1,640	1,984	1,451	1,316	1,356

Comparisons (2022)

National

54.0%

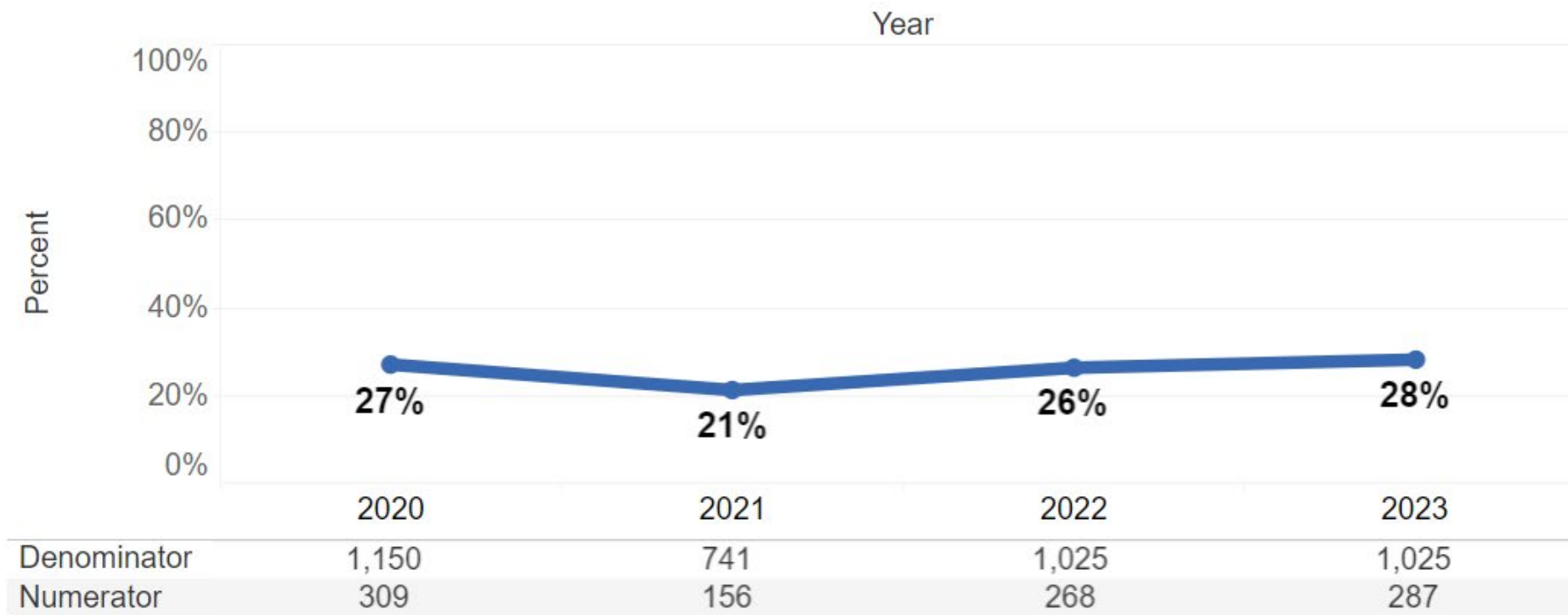
Washington State

51.7%

Screening and Preventive Care

Breast Cancer Screening

Percentage of women 52-74 years of age had a mammogram to screen for breast cancer in the 27 months prior to the end of the measurement period



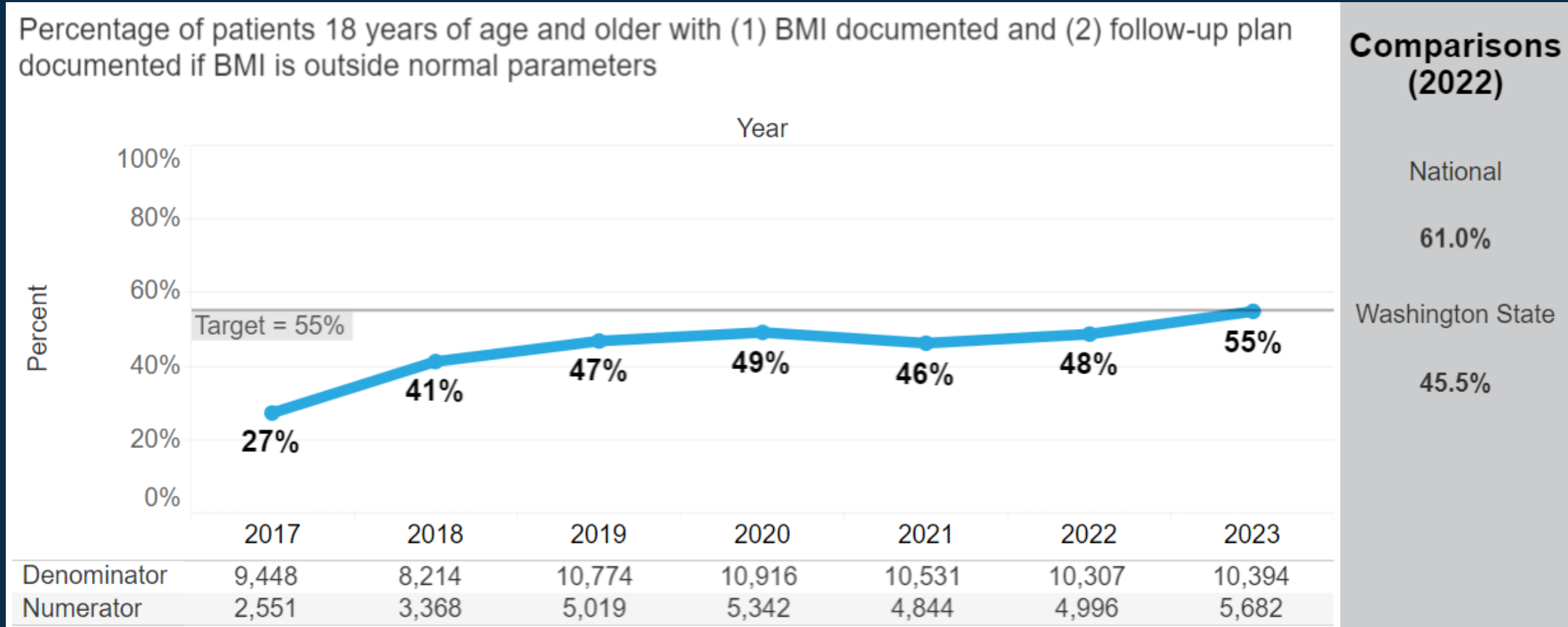
Comparisons (2022)

National
50.3%

Washington State
47.5%

Screening and Preventive Care

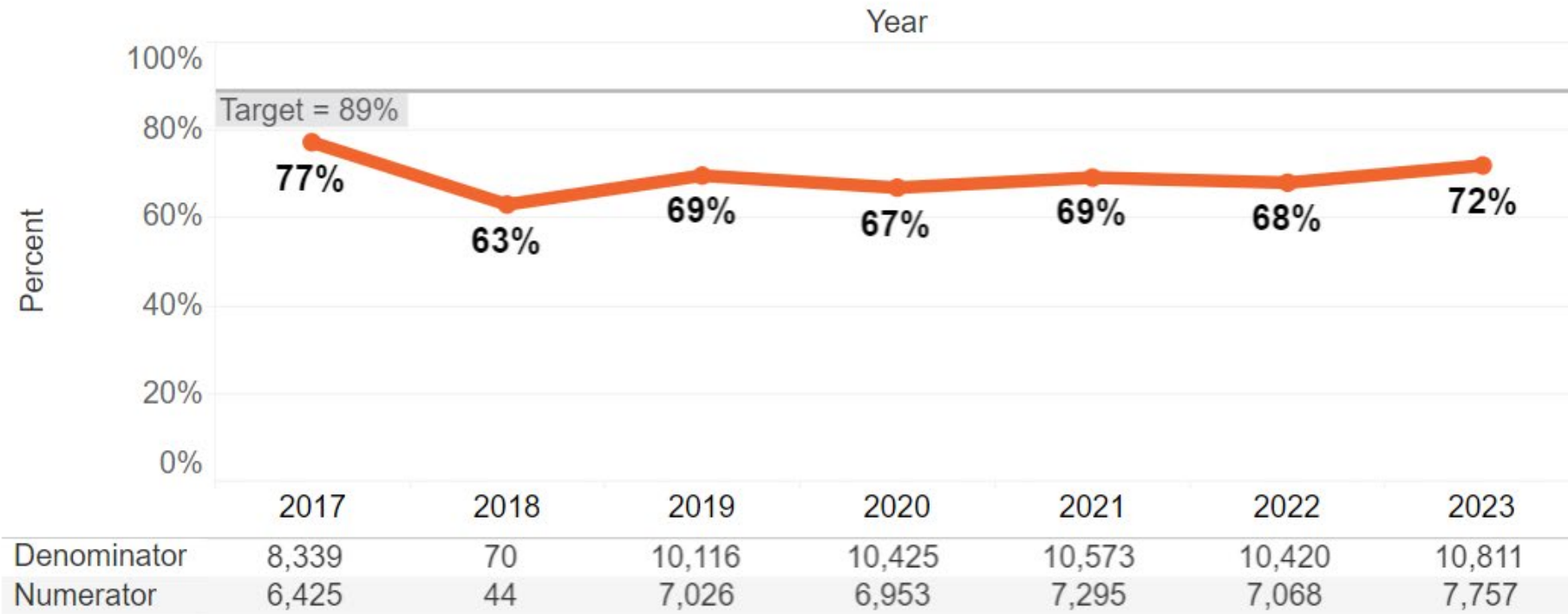
Body Mass Index (BMI) Screening and Follow-Up Plan



Screening and Preventive Care

Tobacco Use: Screening and Cessation Intervention

Percentage of patients aged 18 years of age and older who (1) were screened for tobacco use, and (2) if identified to be a tobacco use received cessation counseling intervention during the measurement period or in the 6 months prior to the measurement period



Comparisons (2022)

National

84.6%

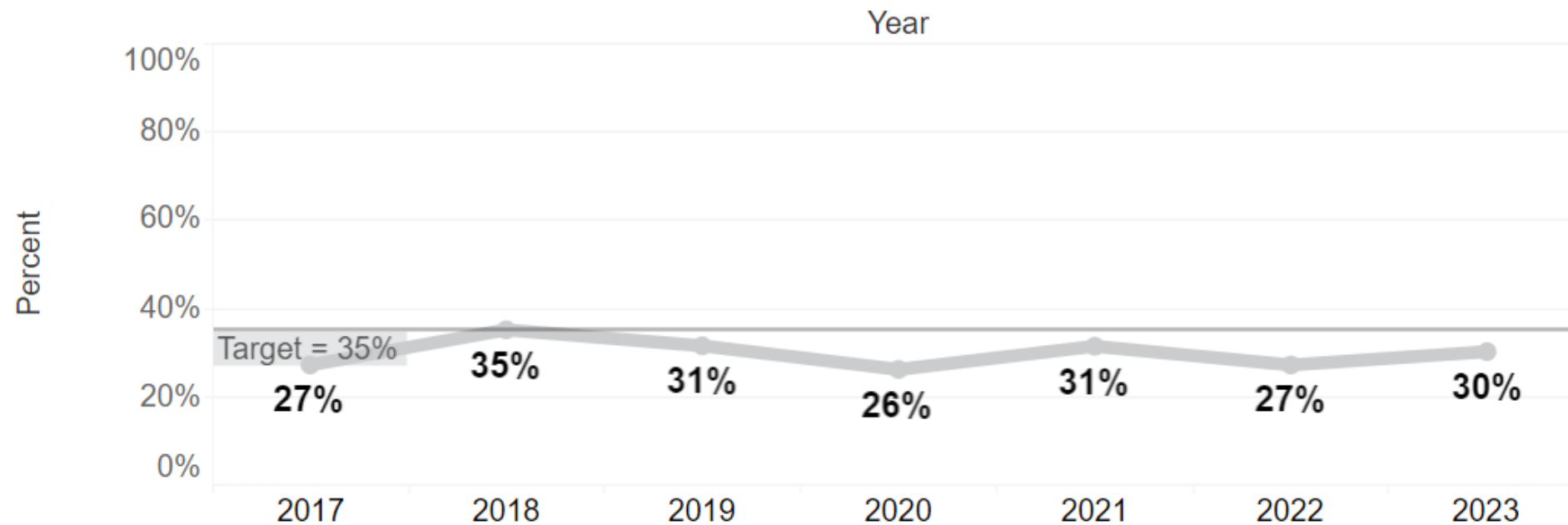
Washington State

84.9%

Screening and Preventive Care

Colorectal Cancer Screening

Percentage of patients 46-75 years of age who had appropriate screening for colorectal cancer



Denominator	70	2,997	4,035	4,191	3,636	4,278	4,037
Numerator	19	1,048	1,265	1,089	1,136	1,155	1,212

Comparisons (2022)

National

42.8%

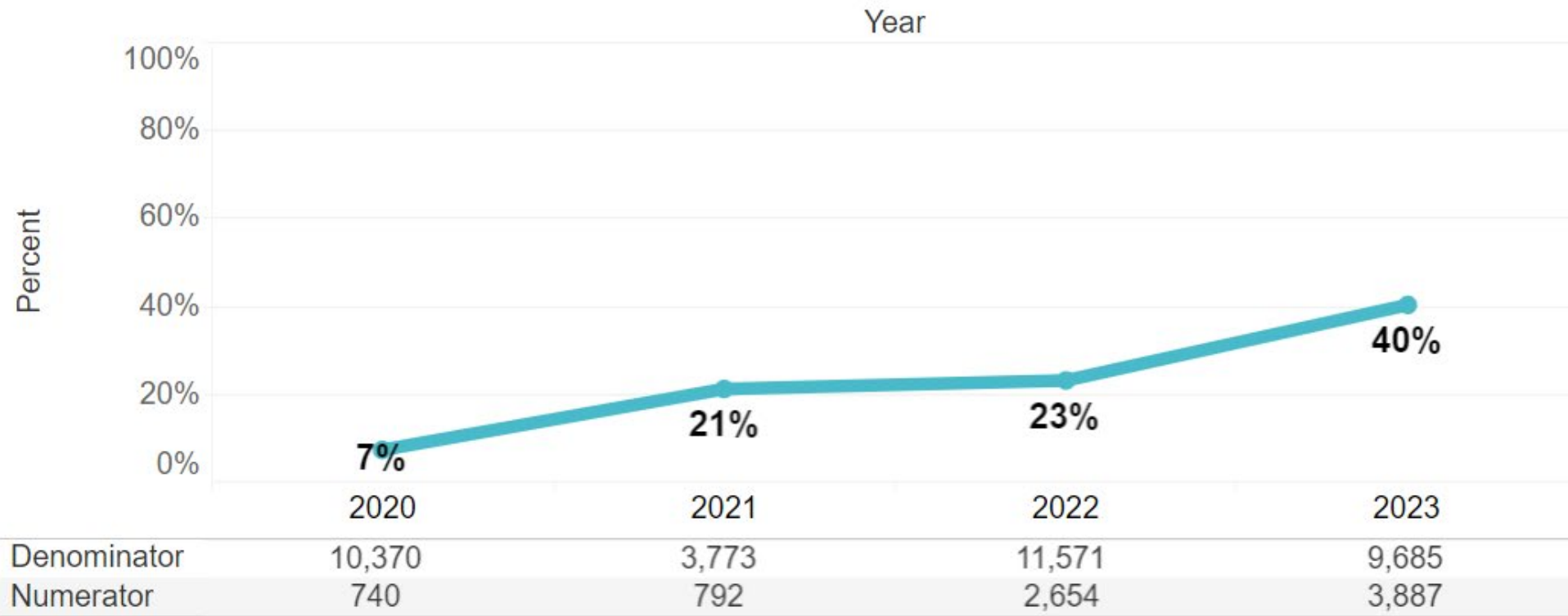
Washington State

43.1%

Screening and Preventive Care

HIV Screening

Percentage of patients 15-65 years of age who were tested for HIV when within age range



Comparisons (2022)

National

43.8%

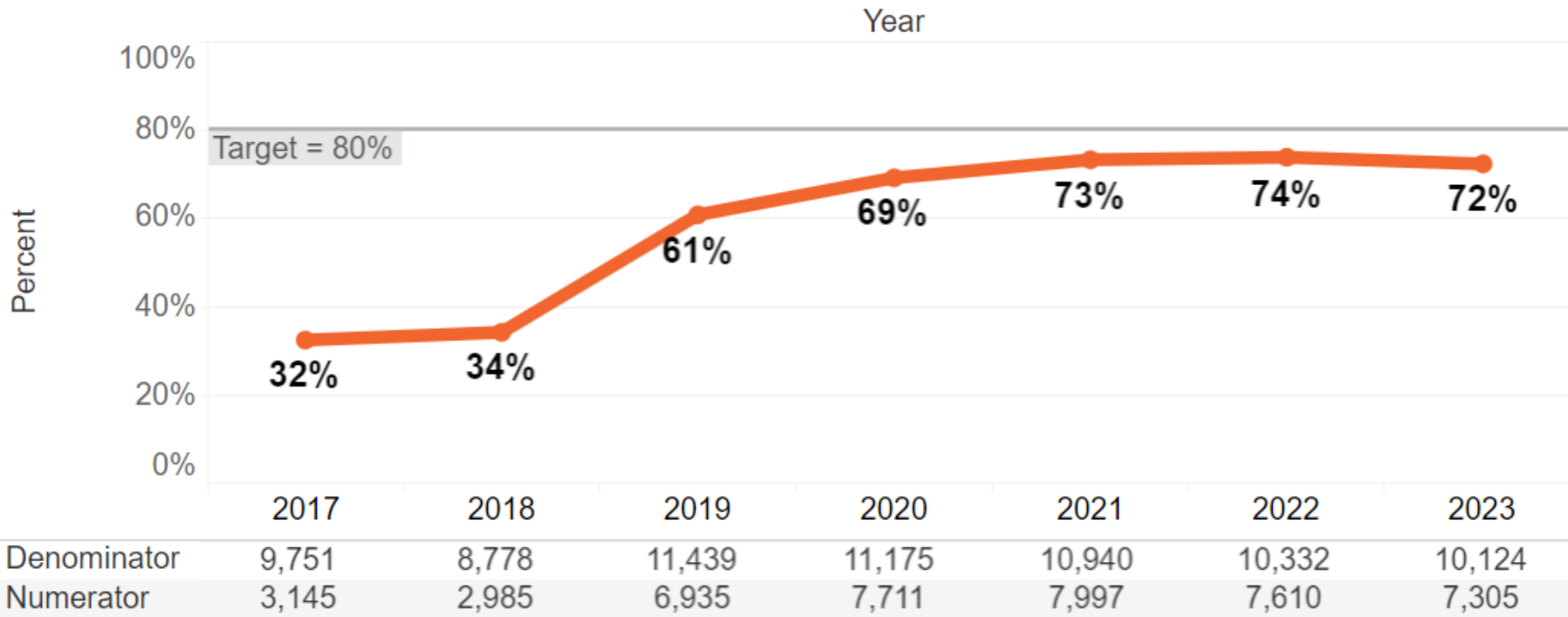
Washington State

31.4%

Screening and Preventive Care

Screening for Depression and Follow-Up Plan

Percentage of patients 12 years of age and older who were (1) screened for depression with a standardized tool and, if screening was positive, (2) had a follow-up plan documented



Comparisons (2022)

National

70.0%

Washington State

67.2%

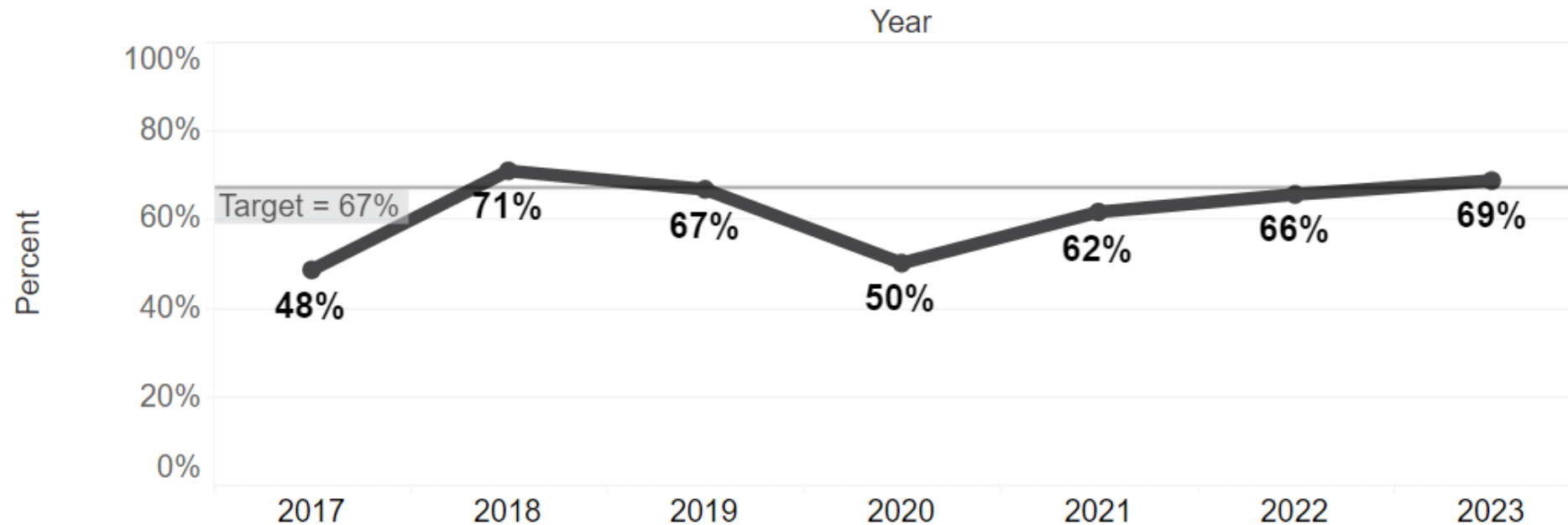
Appendix: UDS Clinical Measures

Maternal Care and Children's Health

Maternal Care and Children's Health

Early Entry into Prenatal Care

Percentage of prenatal care patients who entered prenatal care during their first trimester



Comparisons (2022)

National

72.0%

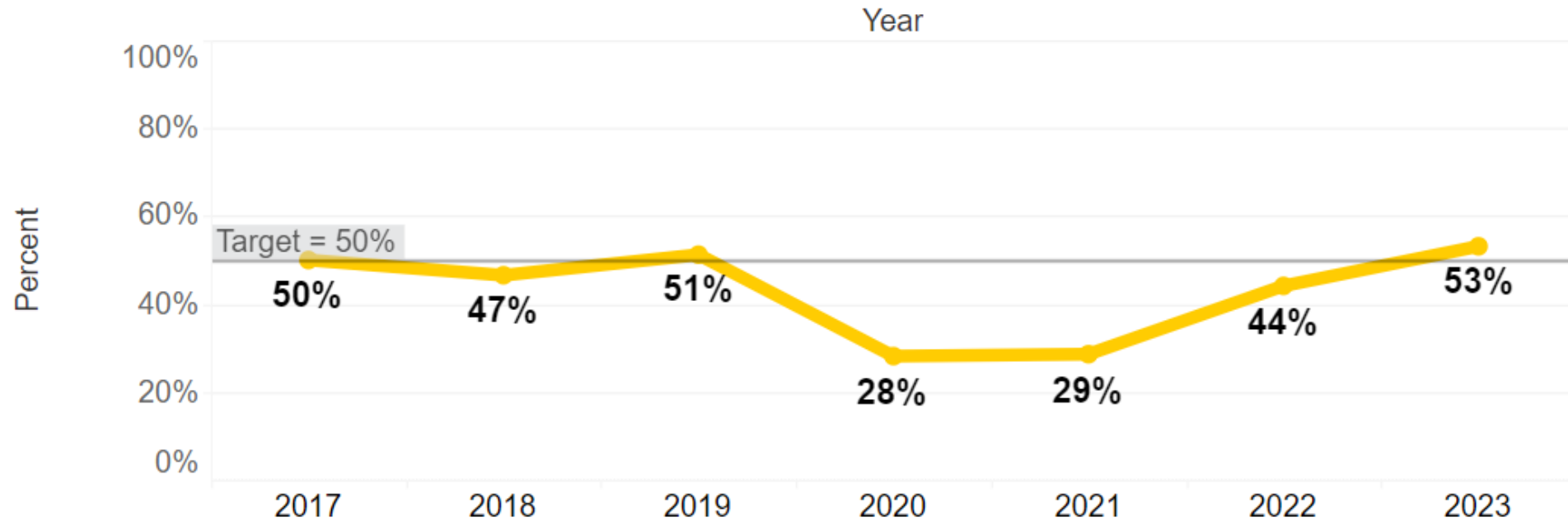
Washington State

80.5%

Denominator	33	24	18	12	26	29	51
Numerator	16	17	12	6	16	19	35

Maternal Care and Children's Health Childhood Immunization Status

Percentage of children 2 years of age who received age appropriate vaccines by their 2nd birthday



Denominator	24	101	82	64	21	68	96
Numerator	12	47	42	18	6	30	51

Comparisons (2022)

National

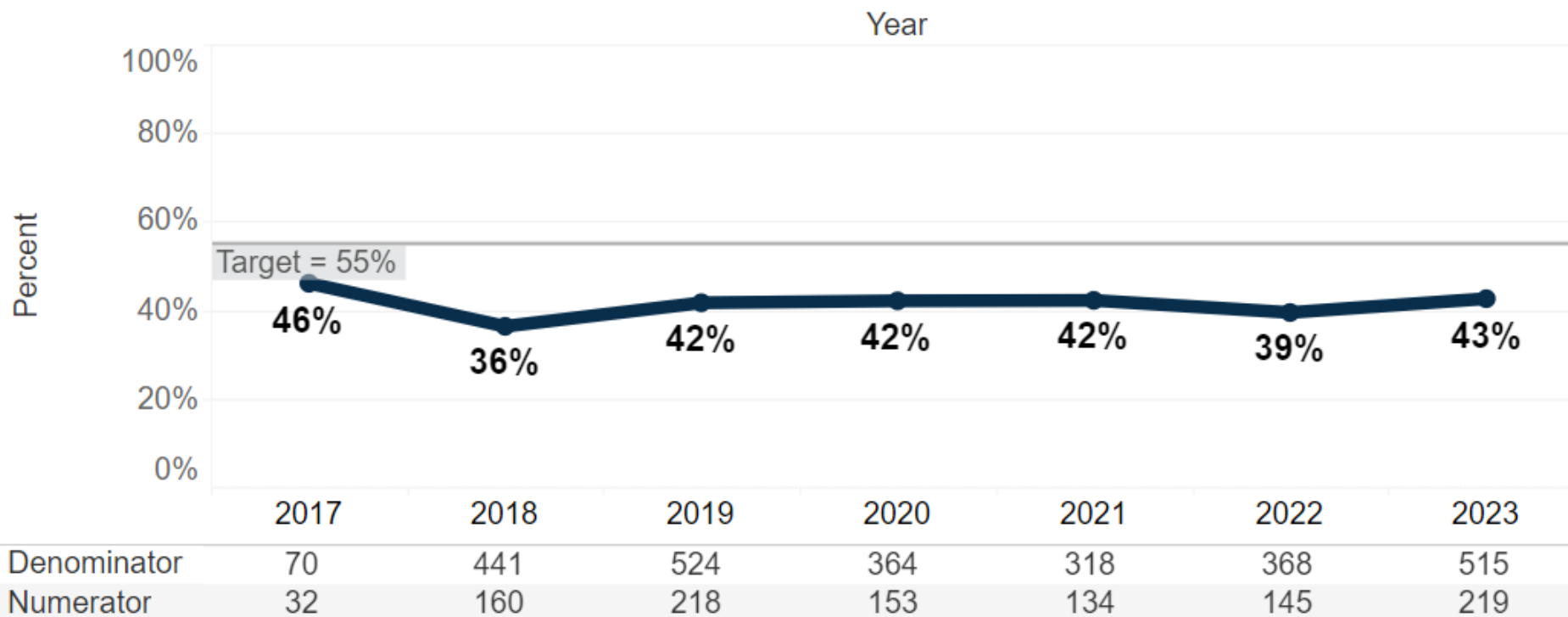
33.2%

Washington State

39.4%

Maternal Care and Children's Health Weight Assessment and Counseling for Nutrition and Physical Activity for Children/Adolescents

Percentage of patients 3-17 years of age with a BMI percentile and counseling on nutrition and physical activity documented



Comparisons (2022)

National

69.8%

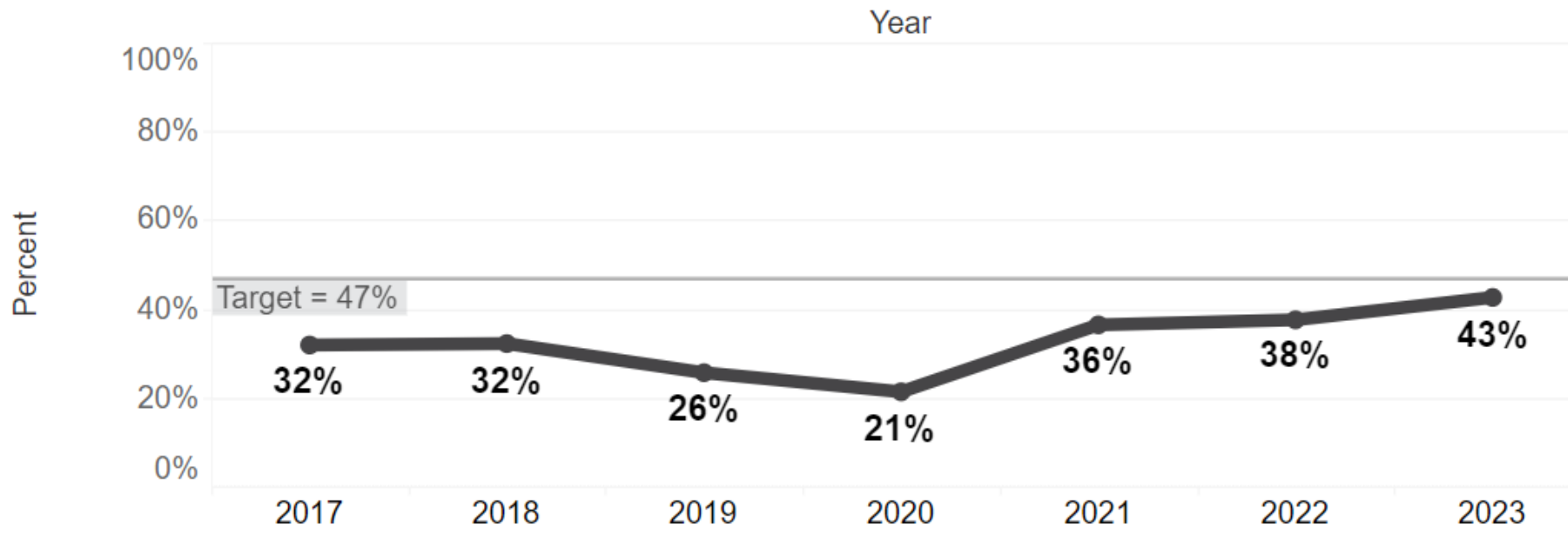
Washington State

59.1%

Maternal Care and Children's Health

Dental Sealants for Children between 6-9 Years

Percentage of children 6 through 9 years of age at moderate to high risk of caries who received a sealant on a first permanent molar



Denominator	44	28	43	47	22	16	47
Numerator	14	9	11	10	8	6	20

Comparisons (2022)

National

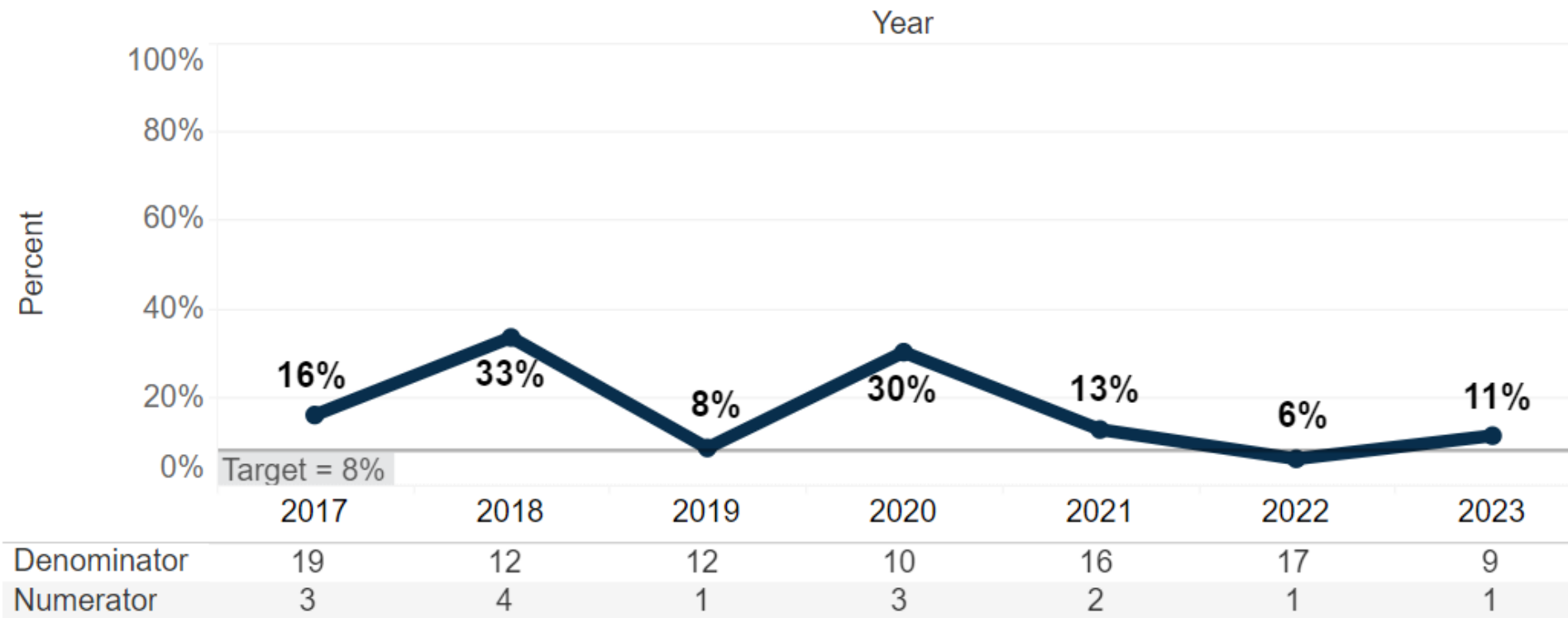
58.4%

Washington State

55.8%

Maternal Care and Children's Health Low Birth Weight

Percentage of babies of health center prenatal care patients born whose birth weight was below normal (less than 2,500 grams)



Comparisons (2022)

National

8.4%

Washington State

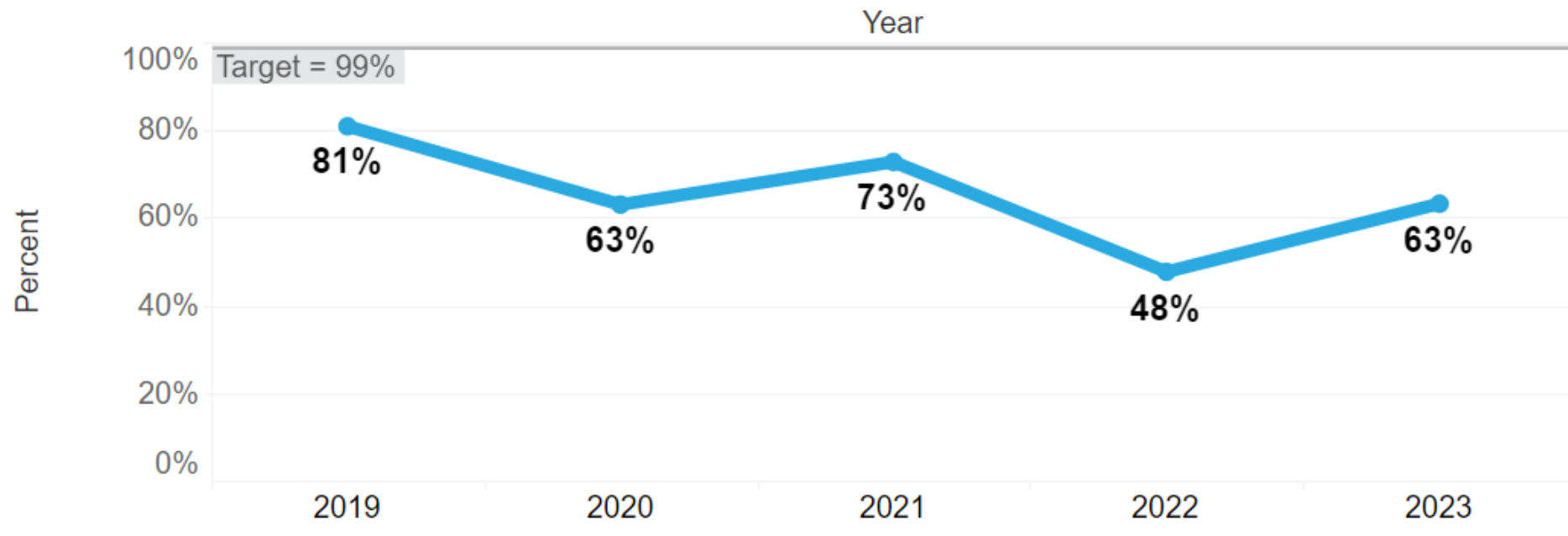
6.4%

Appendix: UDS Clinical Measures Disease Management

Disease Management

Statin Therapy for the Prevention and Treatment of Cardiovascular Disease

Percentage of patients 21 years of age and older at high risk of cardiovascular events who were prescribed or were on statin therapy



Denominator	141	500	143	300	394
Numerator	114	315	104	143	249

Comparisons (2022)

National

76.1%

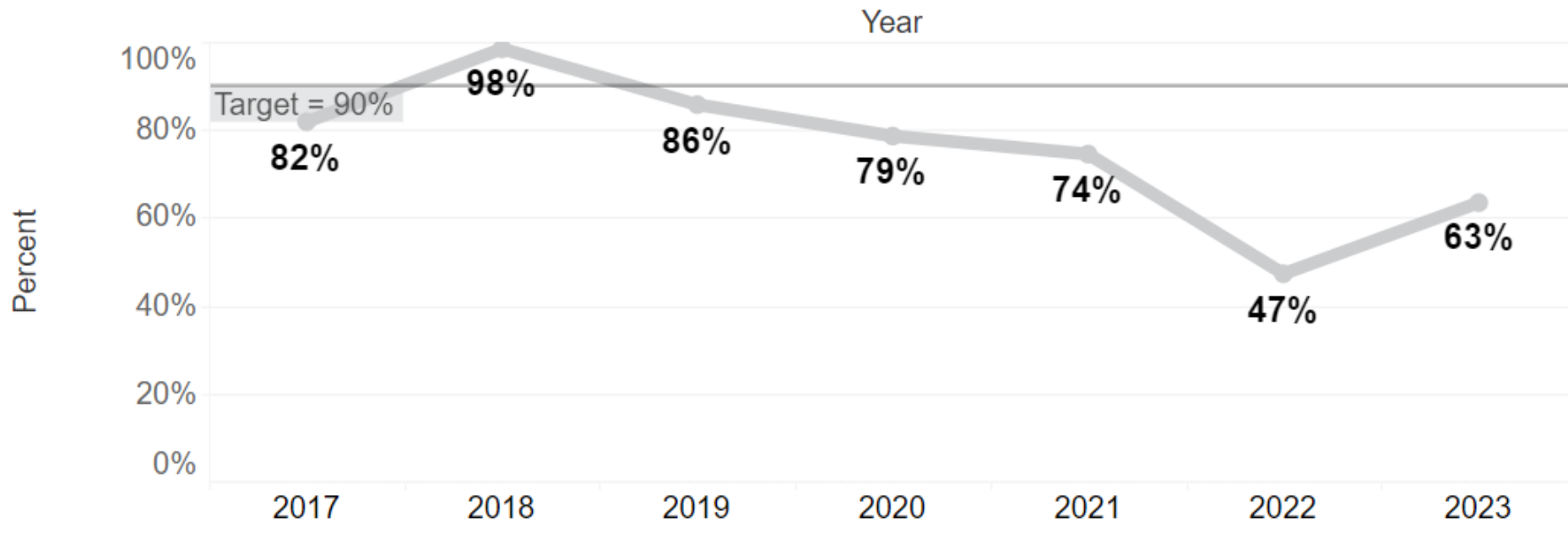
Washington State

73.5%

Disease Management

Ischemic Vascular Disease (IVD): Use of Aspirin or Another Antiplatelet

Percentage of patients 18 years of age and older with a diagnosis of IVD or AMI, CABG, or PCI procedure with aspirin or another antiplatelet



Denominator	110	63	84	56	47	36	41
Numerator	90	62	72	44	35	17	26

Comparisons (2022)

National

76.8%

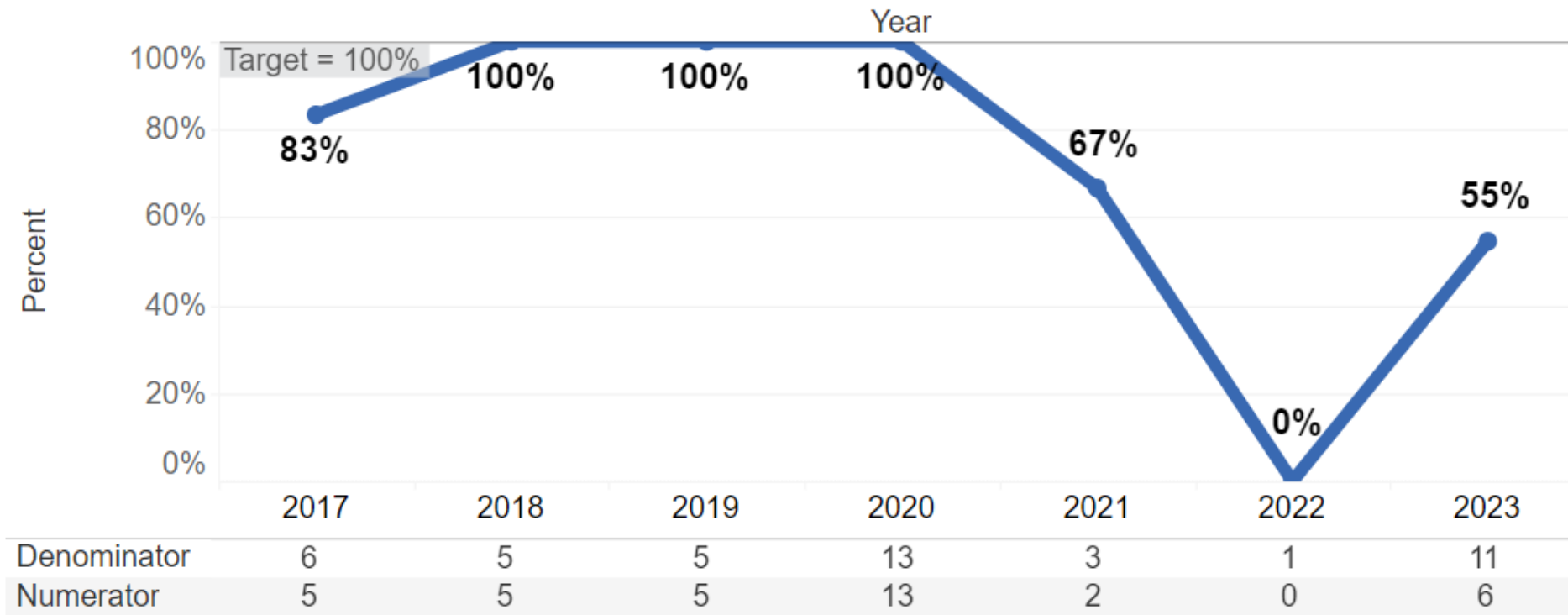
Washington State

74.0%

Disease Management

HIV Linkage to Care

Percentage of patients whose first-ever HIV diagnosis was made by health center staff between December 1 of the prior year and November 30 of the measurement year and who were seen for follow-up treatment within 30 days of that first-ever diagnosis



Comparisons (2022)

National

82.2%

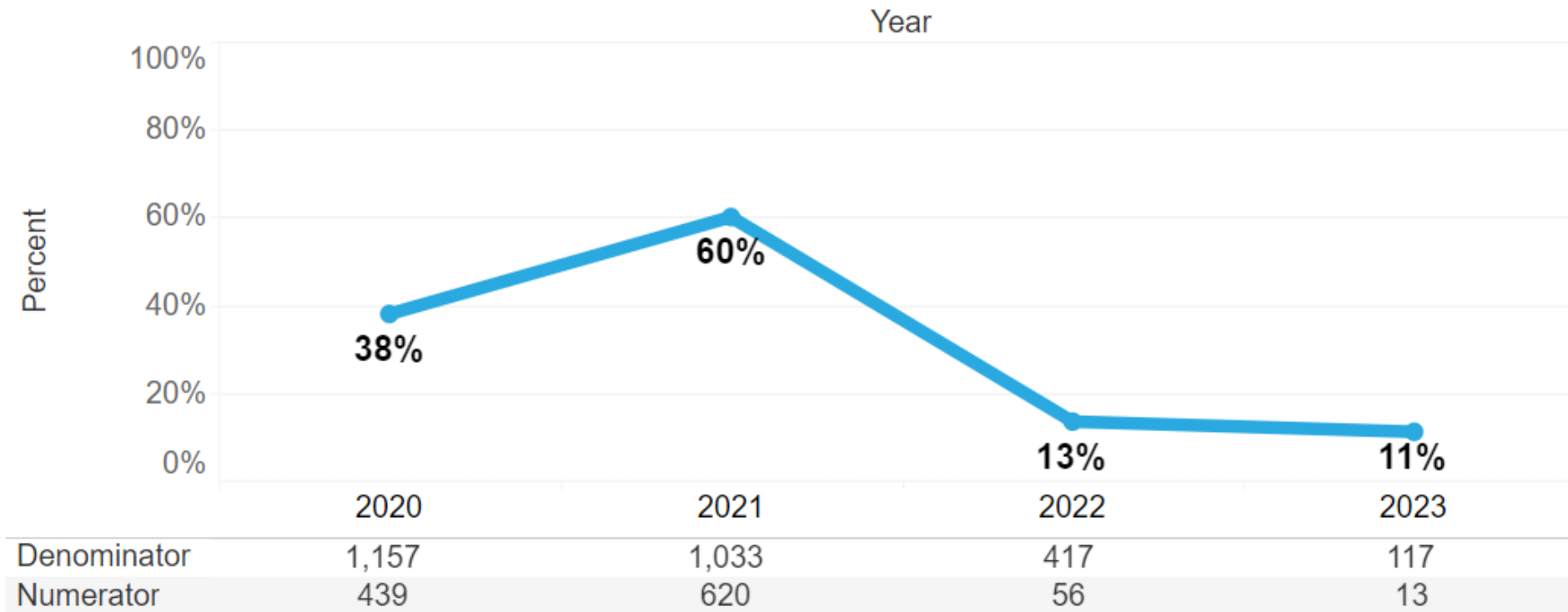
Washington State

71.5%

Disease Management

Depression Remission at Twelve Months

Percentage of patients 12 years of age and older with major depression or dysthymia who reached remission 12 months (+/- 60 days) after an index event



Comparisons (2022)

National
13.6%

Washington State
12.0%