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- 2 Age of Patients with Diabetes
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- 3 Duration of Diabetes
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- 7 Tobacco Use
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# **Site-Specific Trends**

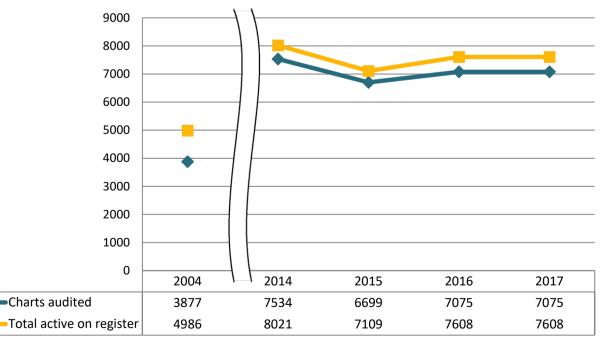
The following report contains information from your program's annual diabetes audit submission to the Indian Health Service over the past few years. The report was prepared for your site by the Western Tribal Diabetes Project at the Northwest Portland Area Indian Health Board, which receives Special Diabetes Program for Indians (SDPI) funding to assist Northwest tribes in managing their diabetes information. If you have any questions about the report, or if you would like this report in Excel format, please contact the Western Tribal Diabetes Project at wtdp@npaihb.org or (800) 862-5497.

Notes:

• Due to rounding, charts will occasionally not add up to 100%.

• Data are presented by the year in which the data were submitted. Most likely, the patient care reflected in the audit was delivered in the previous year. For example, the columns 2013 in these charts reflect care that was delivered in 2012.

- Blank spaces have been left for some indicators in years when information was not reported.

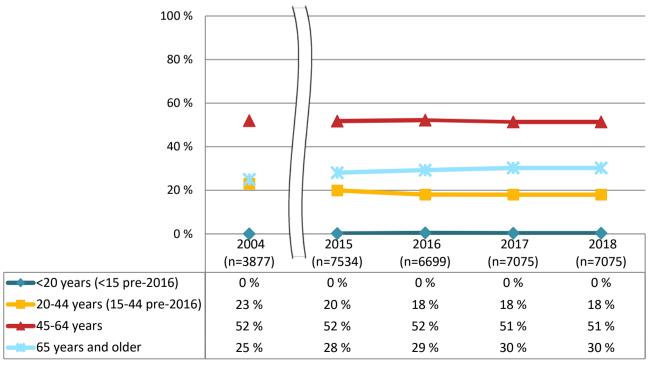


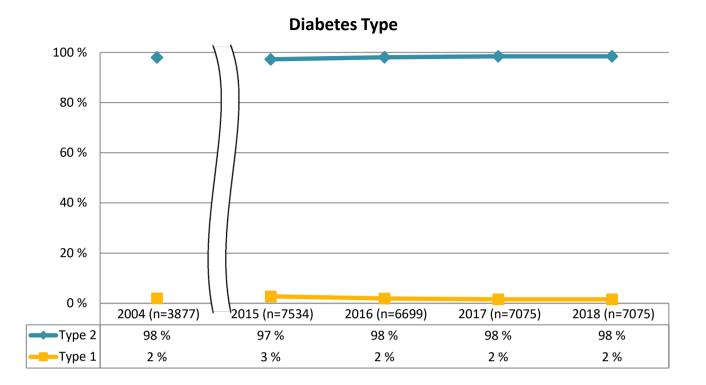
# **Patients in the Diabetes Register**

100 % 80 % 60 % ٠ 40 % 20 % 0 % 2004 (n=3877) 2015 (n=7534) 2016 (n=6699) 2017 (n=7075) 2018 (n=7075) Female 54 % 56 % 54 % 53 % 53 % 46 % 44 % 46 % 47 % 47 % Male

**Gender of Patients with Diabetes** 

# Age of Patients with Diabetes



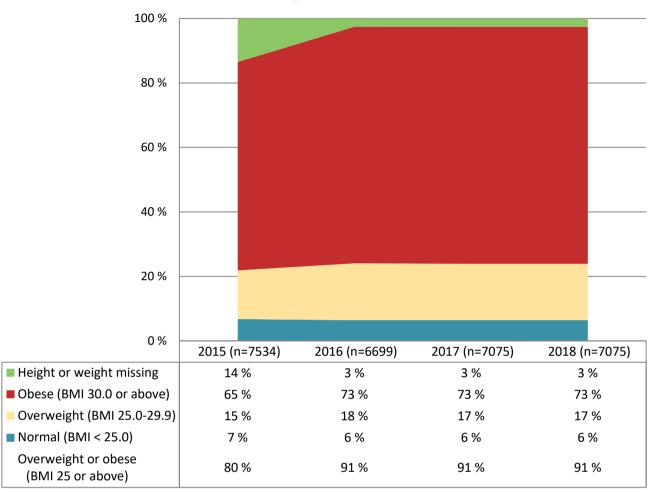


100 % 80 % 60 % 40 % 20 % 0 % 2004 2015 2016 2017 2018 (n=3877) (n=7534) (n=6699) (n=7075) (n=7075) Diagnosis date not recorded 15 % 5 % 8% 11 % 11 % 10 years or more 25 % 30 % 39 % 38 % 38 % 5 to <10 years 25 % 26 % 25 % 24 % 24 % Less than 5 years 35 % 38 % 29 % 27 % 27 %

**Duration of Diabetes** 

A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.

### Western Tribal Diabetes Project



**Weight Control** 

### Notes

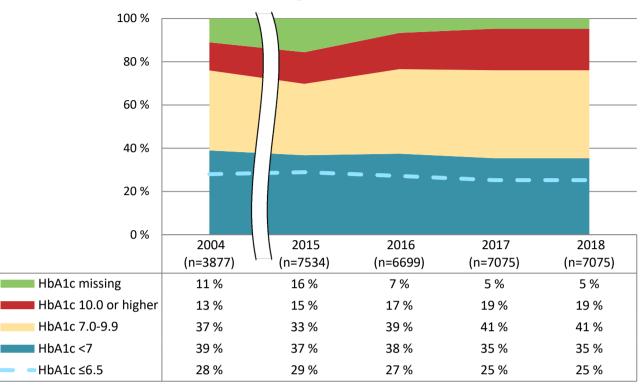
Body Mass Index (BMI) is calculated using the last weight in the audit year recorded on a non-prenatal visit, along with the most recent height measured since the patient's 19th birthday. The formula is

BMI = weight (lbs) ÷ height (inches) ÷ height (inches) × 703

Before 2005, overweight and obesity were reported from the audit using cutoffs from the National Health and Nutrition Examination Survey (NHANES). Women were considered overweight with a BMI of 27.3 or higher and obese with BMI 32.3 or higher. Men were overweight at a BMI of 27.8 and obese at 31.1 or higher. These results are still calculated from audit data but are not presented here for the sake of clarity in the chart.

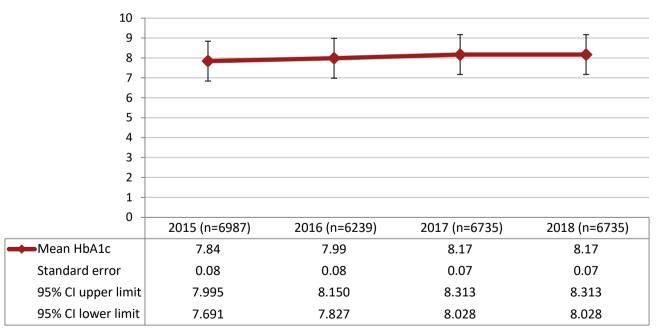
The bars in the graph reflect current cutoffs, which are the same for men and women. Overweight is defined as a BMI of 25 or higher and obesity is 30 or higher. Using these standards, more patients are considered overweight than with the older standards.

# **Diabetes Audit Results, Portland Area, 2004-2018**



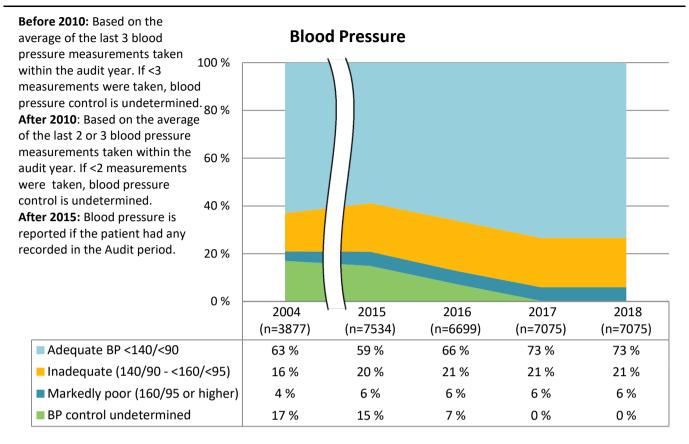
**Hemoglobin A1c** 

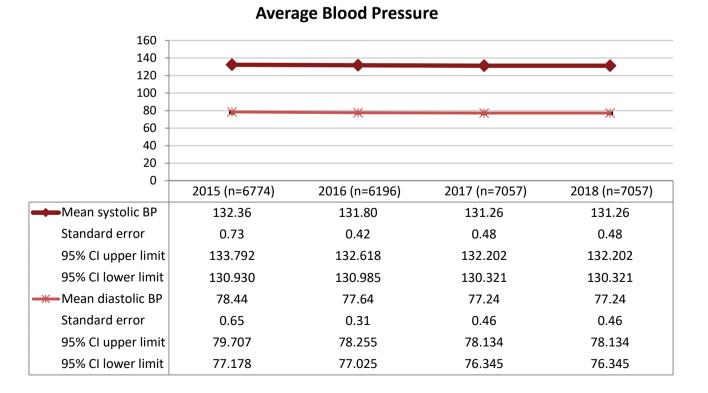
Average Hemoglobin A1C

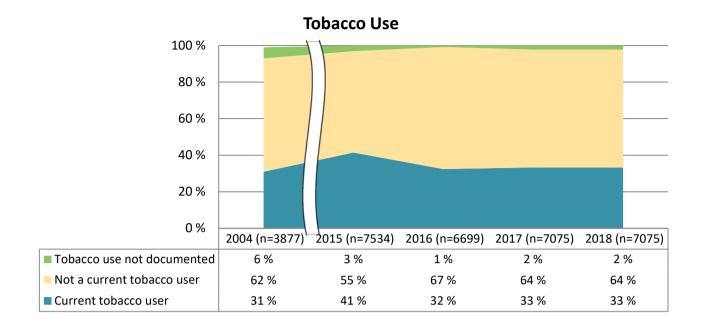


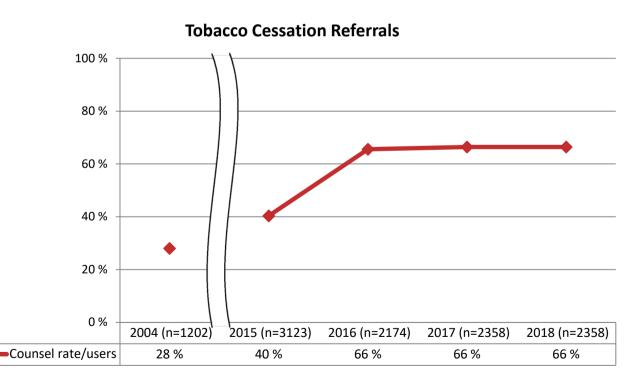
A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.

# **Diabetes Audit Results, Portland Area, 2004-2018**



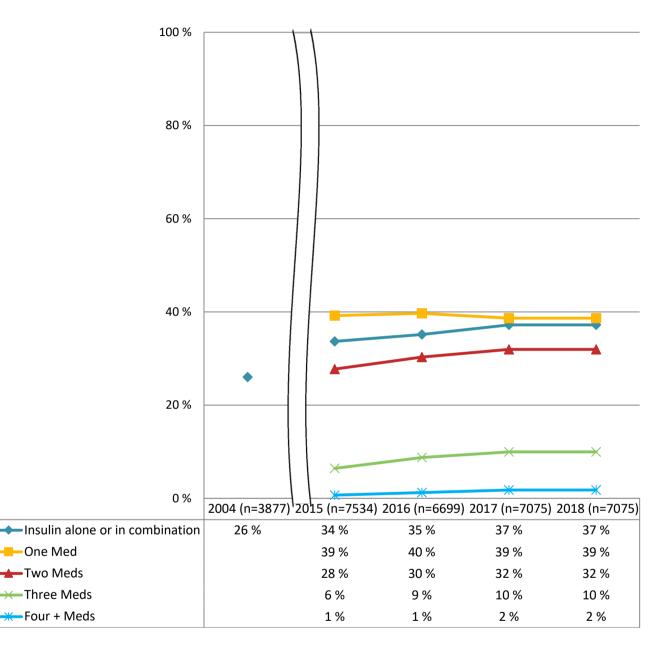






Note: The 'n' in this graph refers to the total number of tobacco users included in the audit.

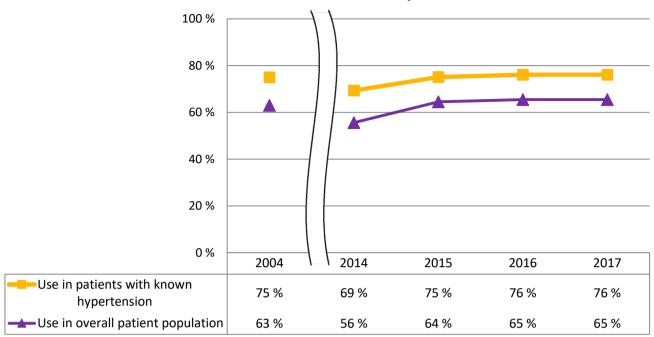
A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.



**Diabetes Medications** 

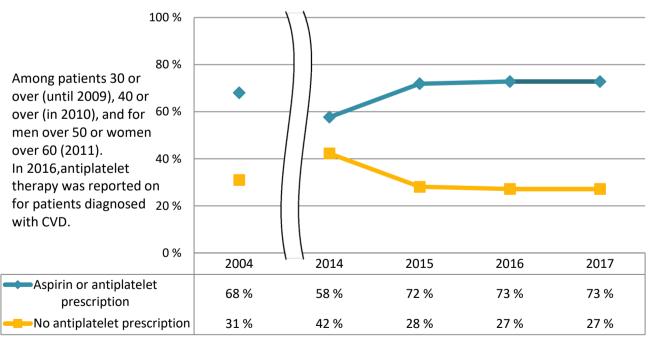
### Notes

"Diet and exercise alone" is the default selection in RPMS. If no records are found in the patient's chart of medications prescribed or dispensed in the last six months of the audit year, the patient is classified as being treated with "diet and exercise alone." The percentages for this category may be inflated if patients did not refill their prescriptions at the clinic in the last six months of the audit year. You can enter medication reviews as historical RXs so that the audit report will reflect those prescriptions.



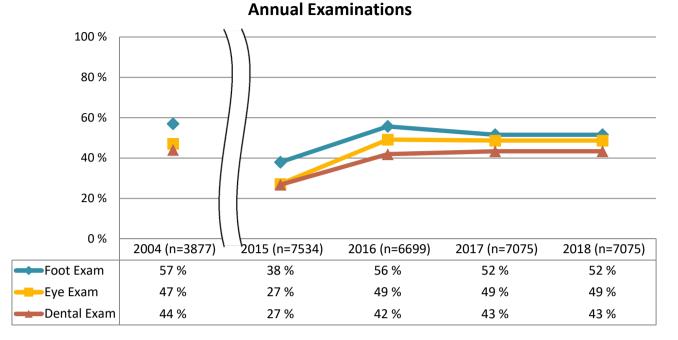
# **ACE Inhibitor or ARB Prescriptions**





Denominators (n=) are not displayed on this page. These charts represent various subsets of patients, and not the entire population included in the audit.

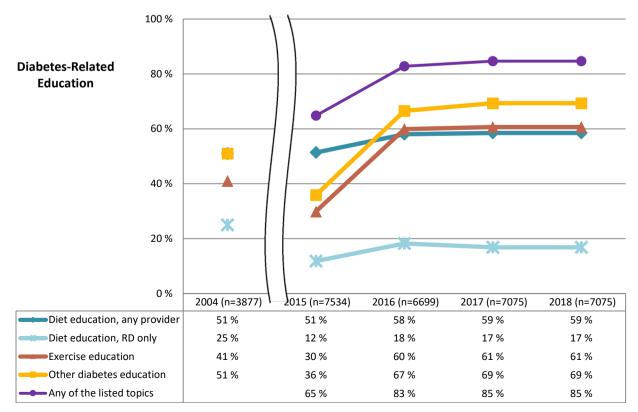
A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.

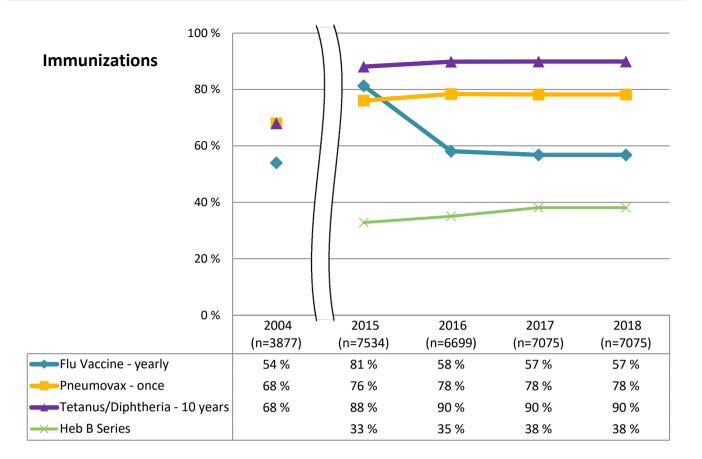


Eye Exam: A dilated fundoscopic exam conducted by a primary care provider, optometrist or ophthalmologist, or fundoscopic photographs reviewed by an ophthalmologist.

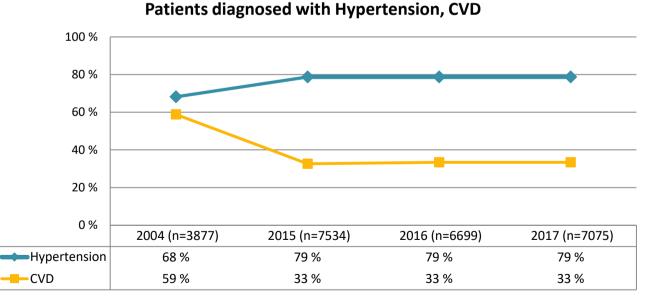
Foot Exam: An examination of the feet that includes neurologic and vascular evaluation as well as visual inspection for deformities or lesions.

Dental Exam: The dental examination is one that includes evaluation of the teeth (if present), gingiva and mucosal surfaces.





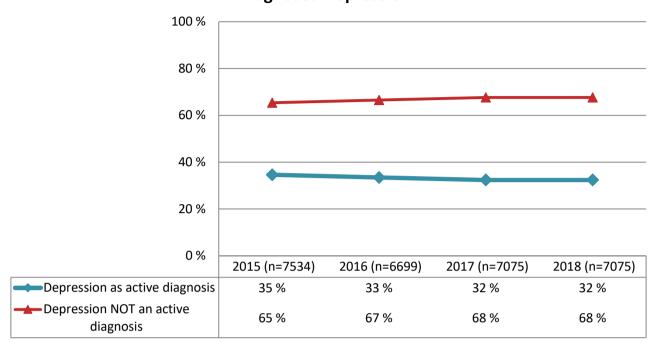




Patient has "known hyptertension" if hypertension is on the problem list or the patient has had at least 3 visits with a diagnosis of hypertension.

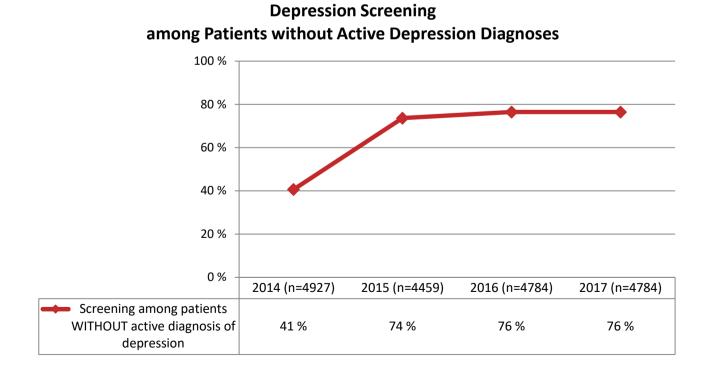
Patient has CVD if CVD is found on the problems list or patient had at least two diagnoses ever of CVD.

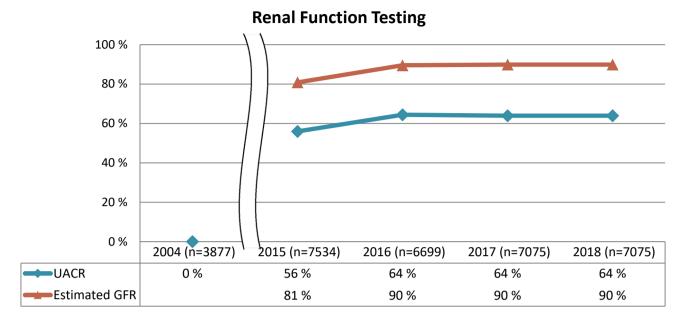
A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.



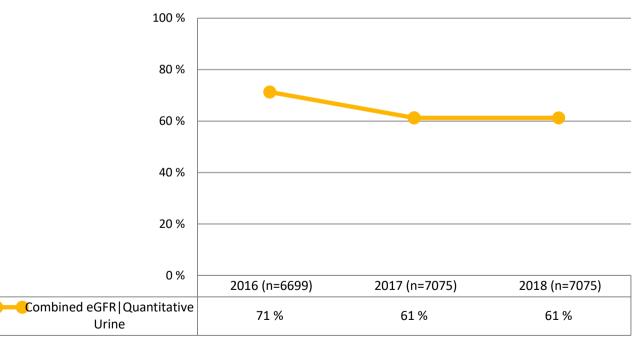
**Diagnosed Depression** 

Note: Depression and depression screening were added to the audit in FY2005.





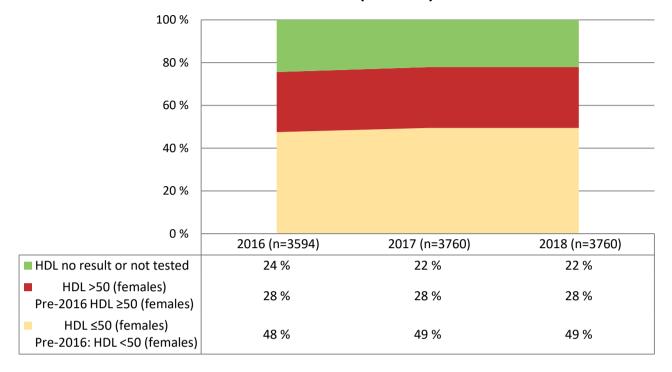
Urinalysis results before 2014 included what type of urine protein testing was conducted. In 2014, tracking the types of urinalysis was discontinued and replaced by tracking whether the patient has had a urine albumin/creatinine ratio.



# **Renal Function Testing: Combined Outcome Measures**

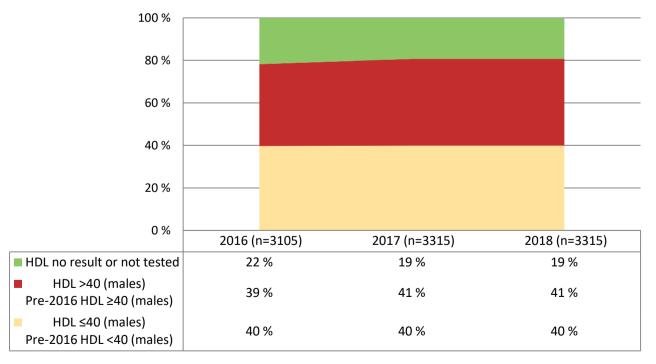
For this measure, these are records with both an eGFR and a quantitative urine protein test.

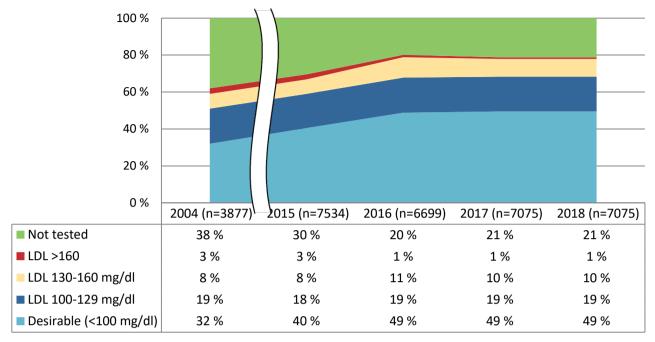
A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.



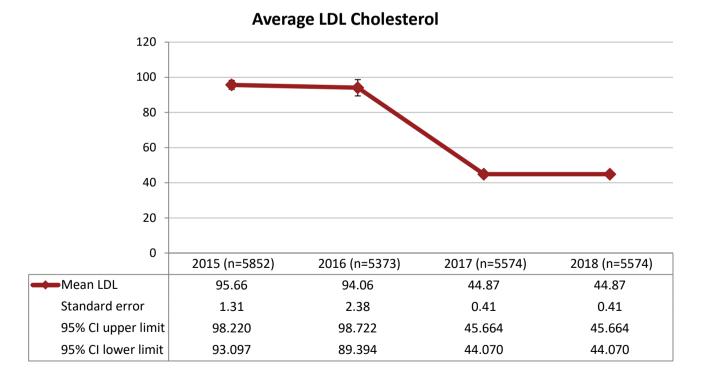
HDL Cholesterol (Females)

HDL Cholesterol (Males)





Low-Density Lipoprotein (LDL) Cholesterol



A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.

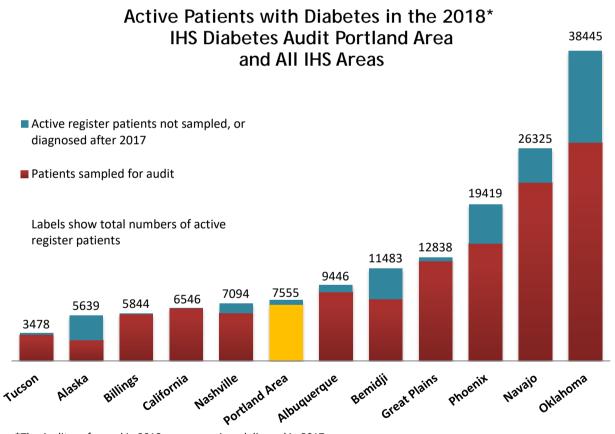
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients) 123296 sampled from 154112 active patients with diabetes (80%)

The following report contains information from your clinic's Annual IHS Diabetes Audit submission. It also includes summary data from all reporting tribal, IHS and urban facilities in the Portland Area. The audit information is displayed side by side so that you can see how your site compares to the overall Portland Area. If you have any questions about the report, please contact the Western Tribal Diabetes Project at (800) 862-5497.

Who is this report about?

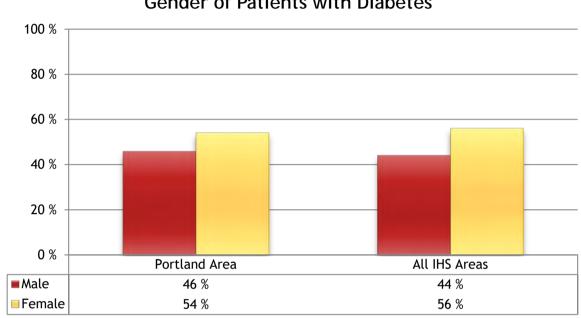
Patients identified by local Diabetes Program staff as having type 1 or type 2 diabetes and part of the active patient load, with at least one primary care visit in the calendar year. Only American Indian and Alaska Native patients are included in the audit.



\*The Audit performed in 2018 covers services delivered in 2017

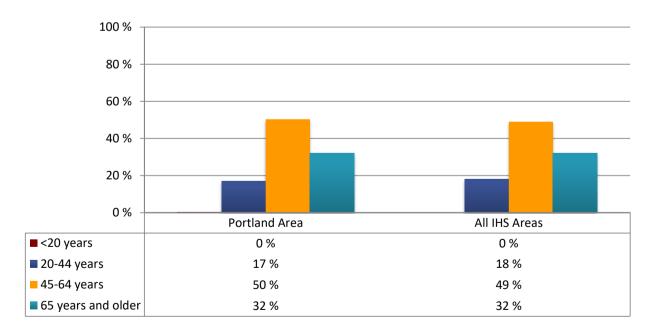
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients) 123296 sampled from 154112 active patients with diabetes (80%)



# Gender of Patients with Diabetes

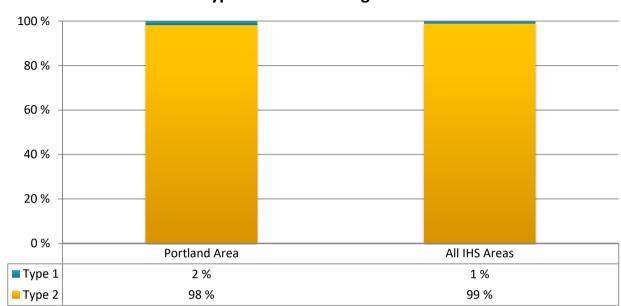
# Age Distribution of Patients with Diabetes



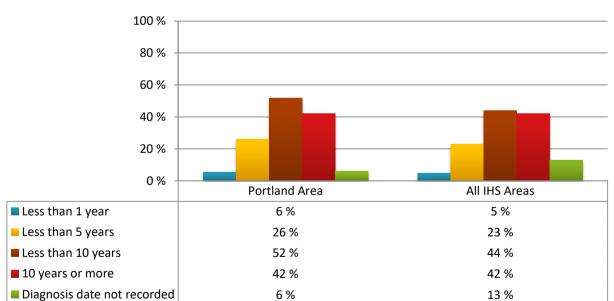
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



# **Type of Diabetes Diagnosed**

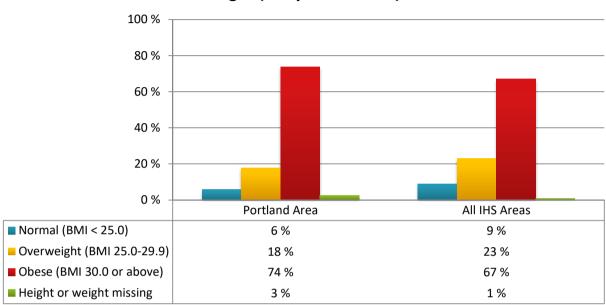


# **Duration of Diabetes**

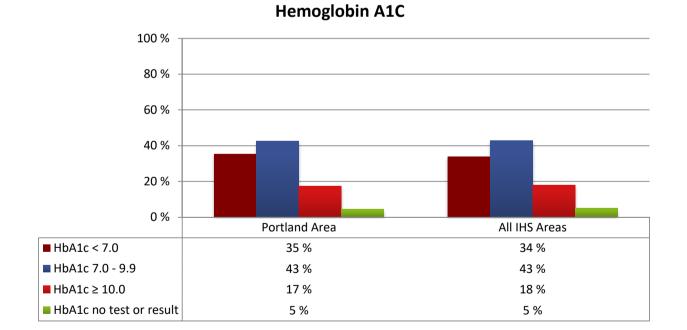
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



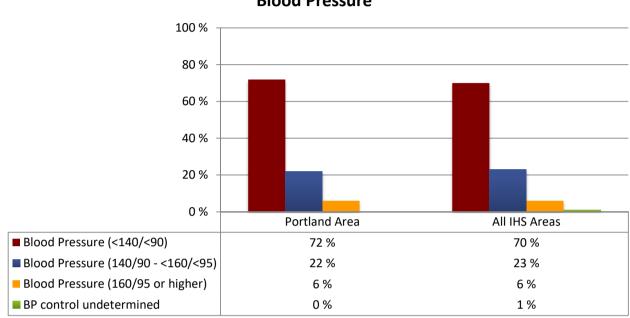
# Weight (Body Mass Index)



This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

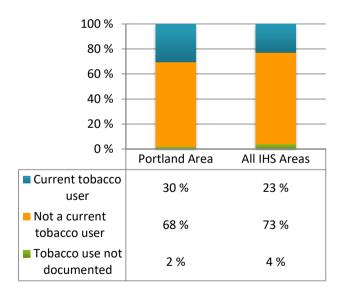
All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)

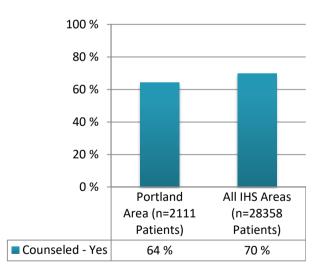


### **Blood Pressure**

### Tobacco Use



# Tobacco Cessation Counseling for Current Tobacco Users

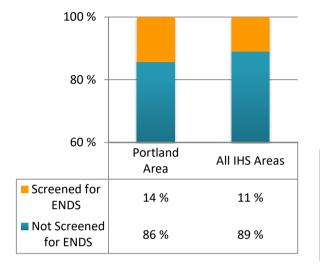


This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

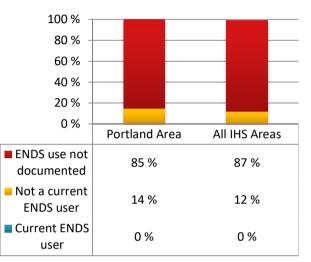
All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)

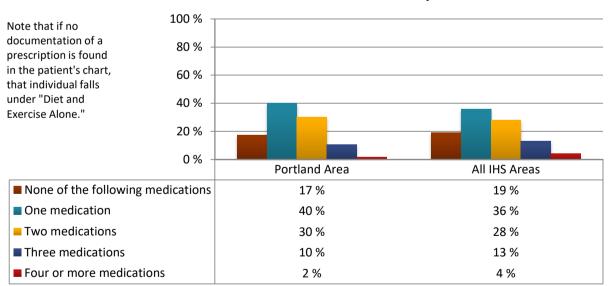
# Electronic Nicotine Delivery System Screening



# Electronic Nicotine Delivery System Use



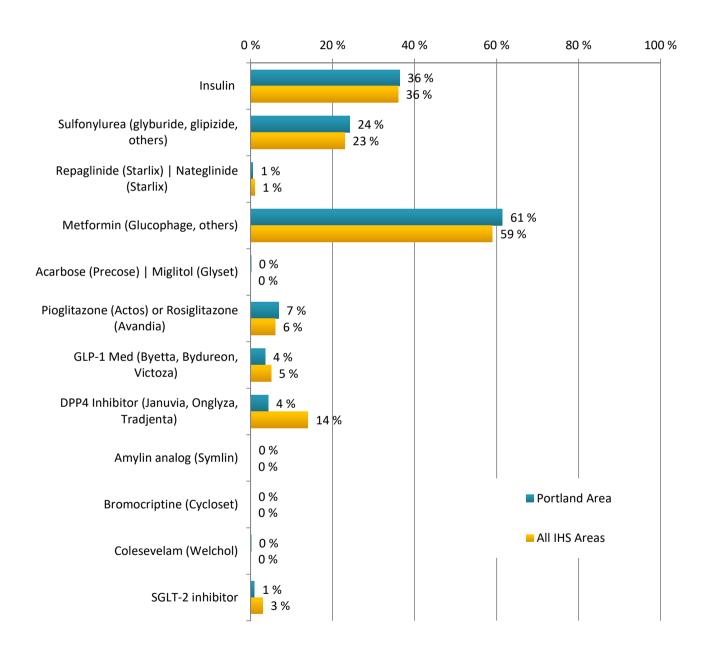
# **Patients with Diabetes-Related Prescriptions**



This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients) 123296 sampled from 154112 active patients with diabetes (80%)

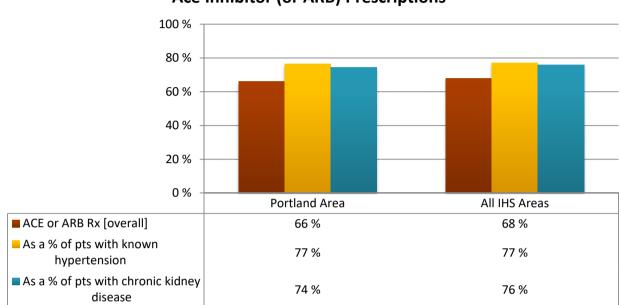
# **Diabetes Medications, Alone or in Combination**



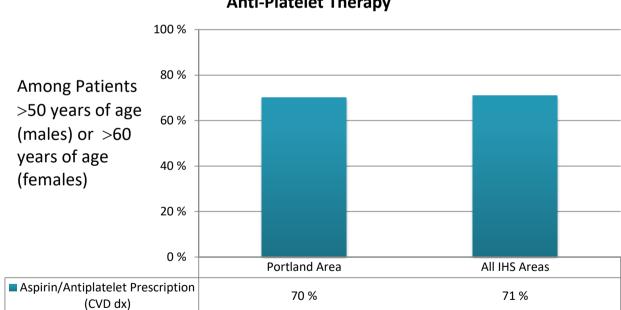
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



# Ace Inhibitor (or ARB) Prescriptions



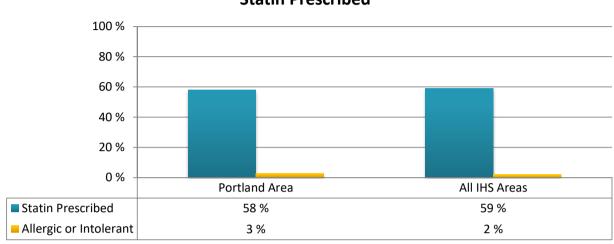
# **Anti-Platelet Therapy**

This information is for the following groups: Portland Area (n=6942 patients)

6942 sampled from 7555 active patients with diabetes (92%)

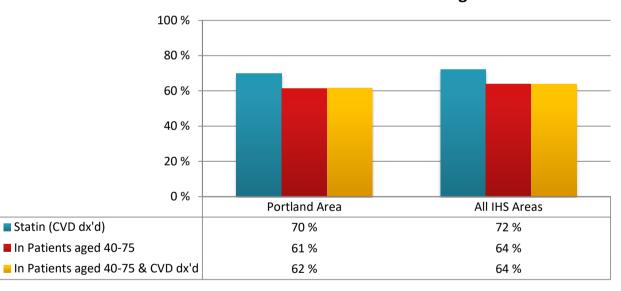
All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



### **Statin Prescribed**

Statin Use in Patients dx'd with CVD and Patients aged 40-75



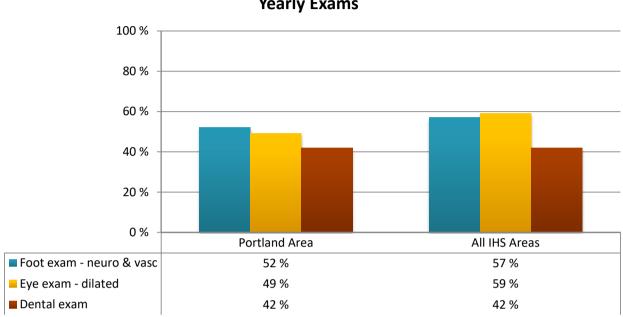
Allergic or intolerant to statin therapy:

Portland AreaAll IHS AreasStatin (CVD dx'd): 3.73613448903019%Statin (CVD dx'd): 2%In Patients aged 40-75: 2.87126284086899%In Patients aged 40-75: 2%Allergic or Intolerant (Aged 40-75 & CVD dx'd): 2.8369' In Patients aged 40-75 & CVD dx'd: 2%

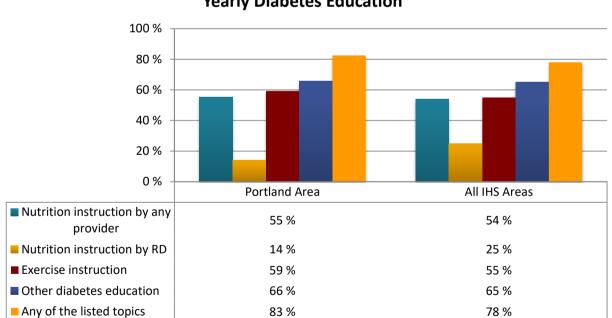
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

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123296 sampled from 154112 active patients with diabetes (80%)



### **Yearly Exams**

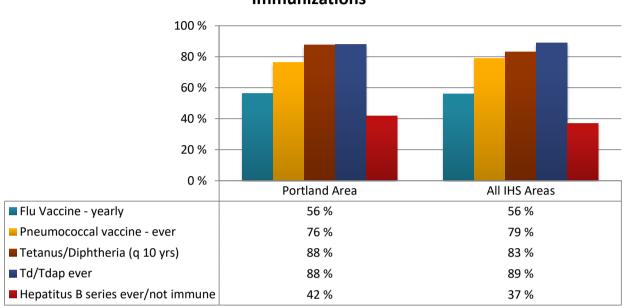


### **Yearly Diabetes Education**

This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



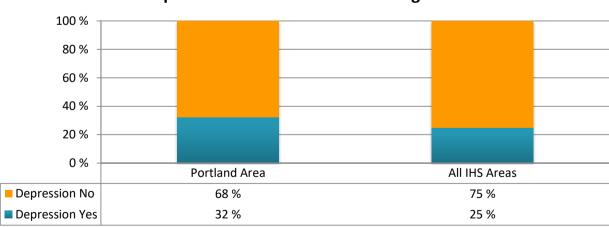
### **Immunizations**

### Portland Area

Flu Vaccine refused: 9.23252798295916%

Portland Area

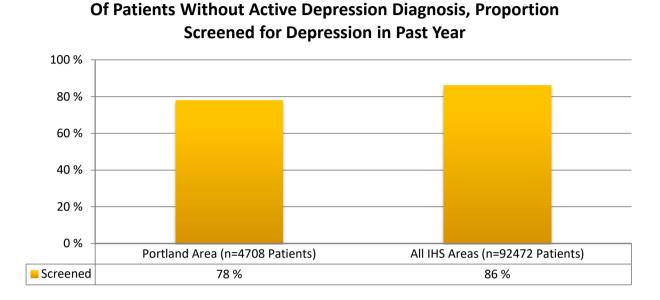
Flu Vaccine refused: 8% Pneumococcal vaccine - refused: 4.40965081781141% Pneumococcal vaccine - refused: 4% Tetanus/Diphtheria refused: 1.88708203786194% Tetanus/Diphtheria refused: 1% Hepatitus B series refused/not immune: 4.2339176940 Hepatitus B series refused/not immune: 3%



### **Depression Identified as Active Diagnosis**

This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients) 123296 sampled from 154112 active patients with diabetes (80%)



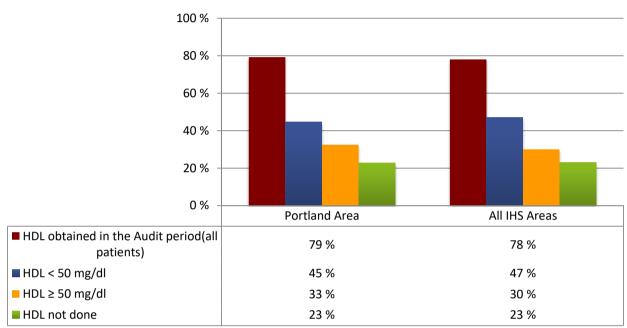
### 100 % 80 % 60 % 40 % 20 % 0 % Portland Area All IHS Areas ■ LDL <100 mg/dl 52 % 50 % LDL 100-189 mg/dl 25 % 27 % LDL ≥190 1% 1% Not tested 22 % 22 %

### LDL Cholesterol

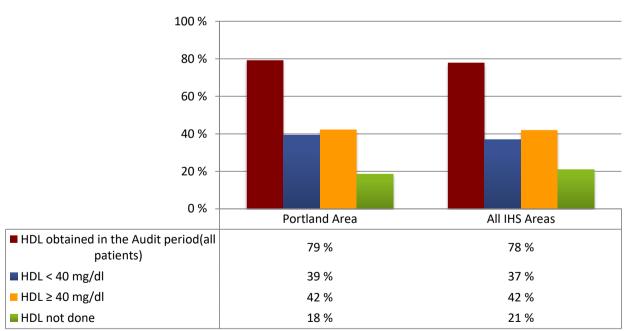
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



# **HDL Cholesterol Females**

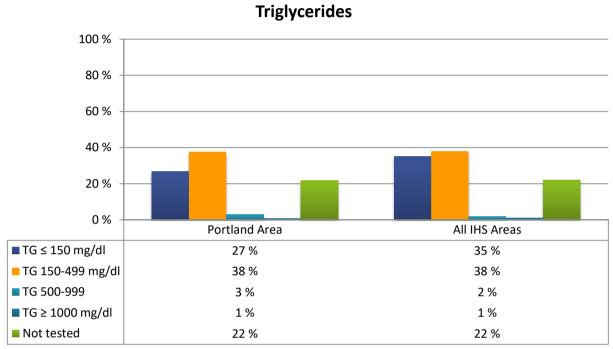


HDL Cholesterol Males

This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

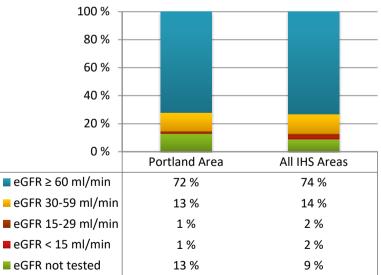
123296 sampled from 154112 active patients with diabetes (80%)



# Estimated GFR Testing

Portland Area All IHS Areas

**Estimated GFR results** 

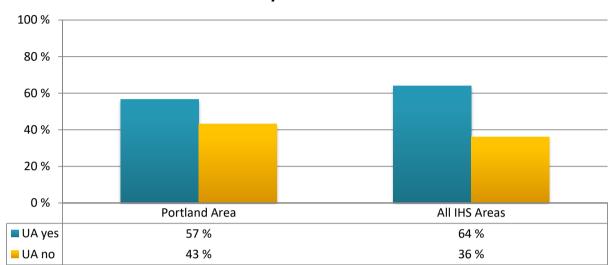


0 %

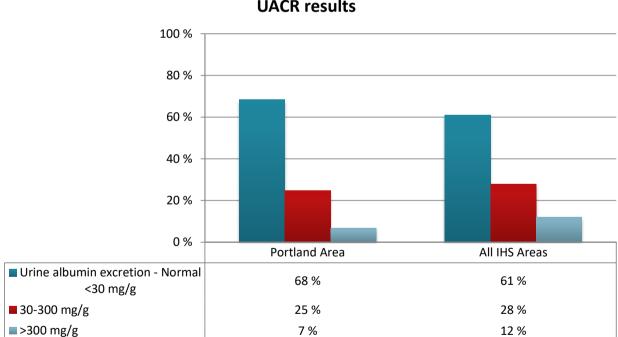
This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



# **Urinalysis Performed**

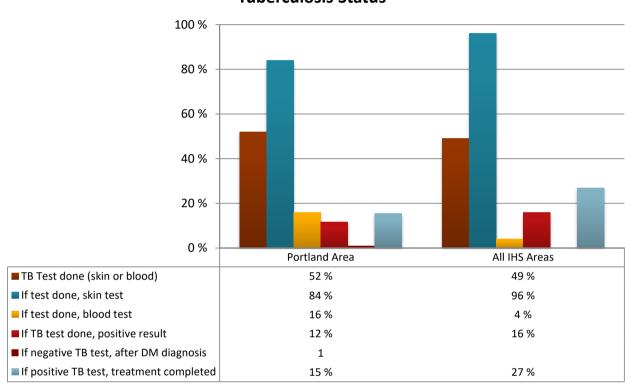


# **UACR** results

This information is for the following groups: Portland Area (n=6942 patients) 6942 sampled from 7555 active patients with diabetes (92%)

All IHS Areas (n=123296 patients)

123296 sampled from 154112 active patients with diabetes (80%)



**Tuberculosis Status** 

Records meeting ALL of the criteria: A1c < 8.0, LDL < 100, and mean BP <140/<90

