Section 1: Trends

Section 2: Comparisons to Overall Indian Health Service Results for 2014

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

	2004	2011	2012	2013	2014
Charts audited	3877	6343	6308	6400	6832
Total active on register	4986	7209	7731	7873	8004
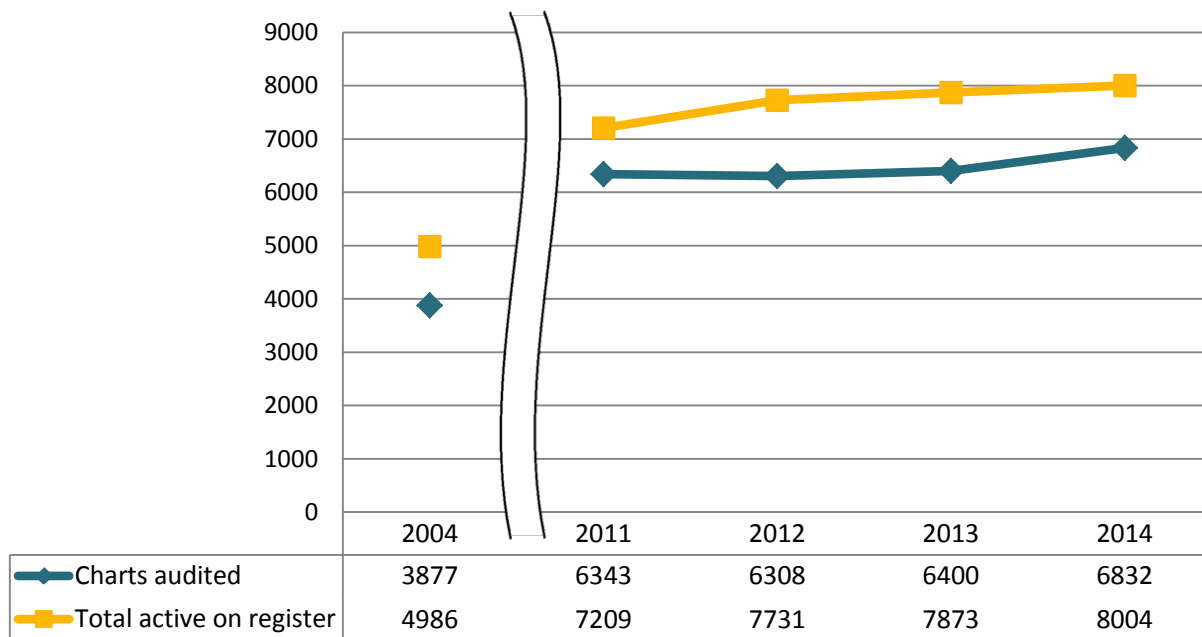
Diabetes Audit Results, Portland Area, 2004-2014

Gender of Patients with Diabetes

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Female	54 %	54 %	53 %	54 %	55 %
Male	46 %	46 %	47 %	46 %	45 %

Age of Patients with Diabetes

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
<15 years	0 %	0 %	0 %	0 %	0 %
15-44 years	23 %	20 %	19 %	19 %	19 %
45-64 years	52 %	53 %	53 %	52 %	53 %
65 years and older	25 %	26 %	28 %	29 %	28 %

Northwest Portland Area Indian Health Board

Diabetes Audit Results, Portland Area, 2004-2014

Diabetes Type

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Type 2	98 %	98 %	98 %	98 %	98 %
Type 1	2 %	2 %	2 %	2 %	2 %

Duration of Diabetes

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Diagnosis date not recorded	15 %	10 %	10 %	10 %	9 %
10 years or more	25 %	35 %	38 %	38 %	37 %
5 to <10 years	25 %	24 %	23 %	24 %	25 %
Less than 5 years	35 %	31 %	29 %	28 %	30 %

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

Weight Control
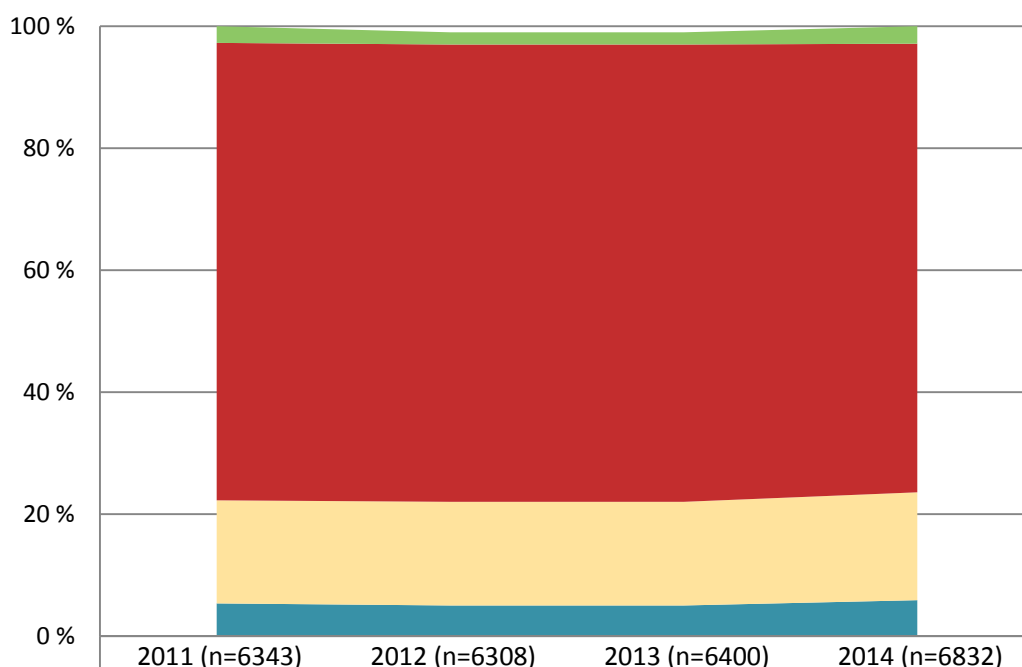
	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Height or weight missing	3 %	2 %	2 %	3 %
Obese (BMI 30.0 or above)	75 %	75 %	75 %	74 %
Overweight (BMI 25.0-29.9)	17 %	17 %	17 %	18 %
Normal (BMI < 25.0)	5 %	5 %	5 %	6 %
Overweight or obese (BMI 25 or above)	92 %	92 %	92 %	91 %

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, 2004-2014

Hemoglobin A1c
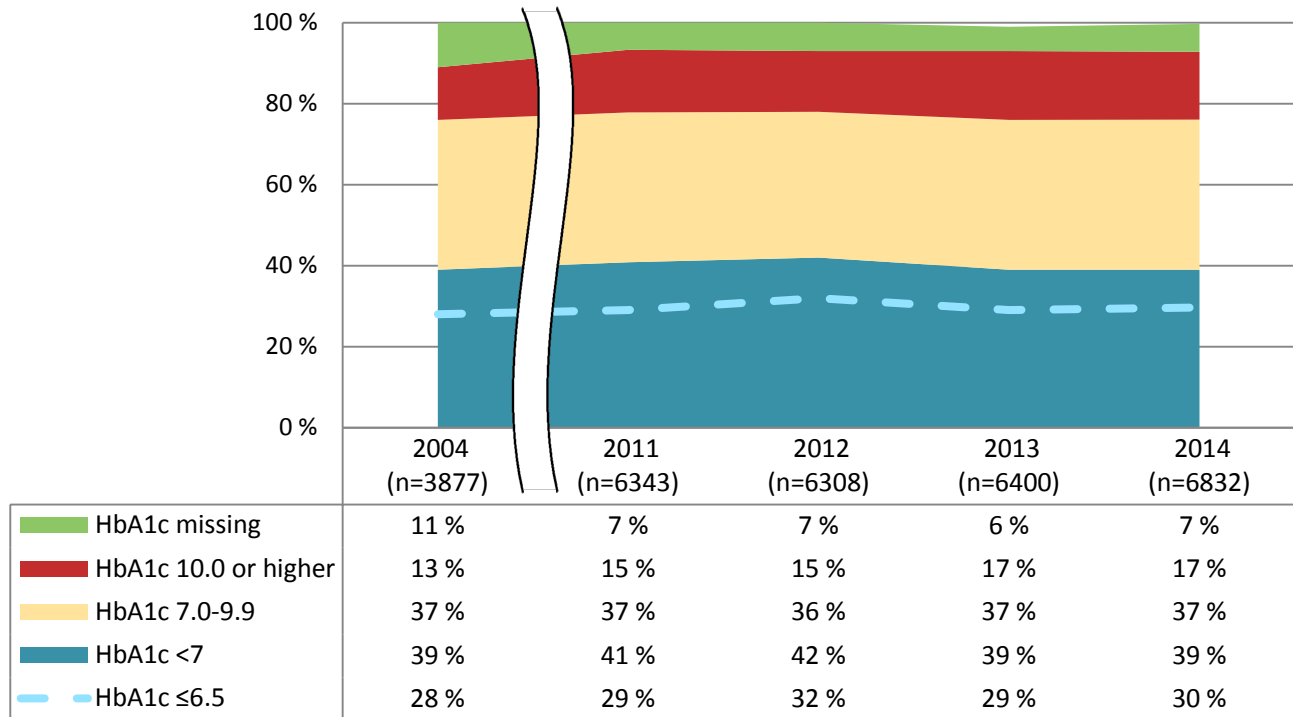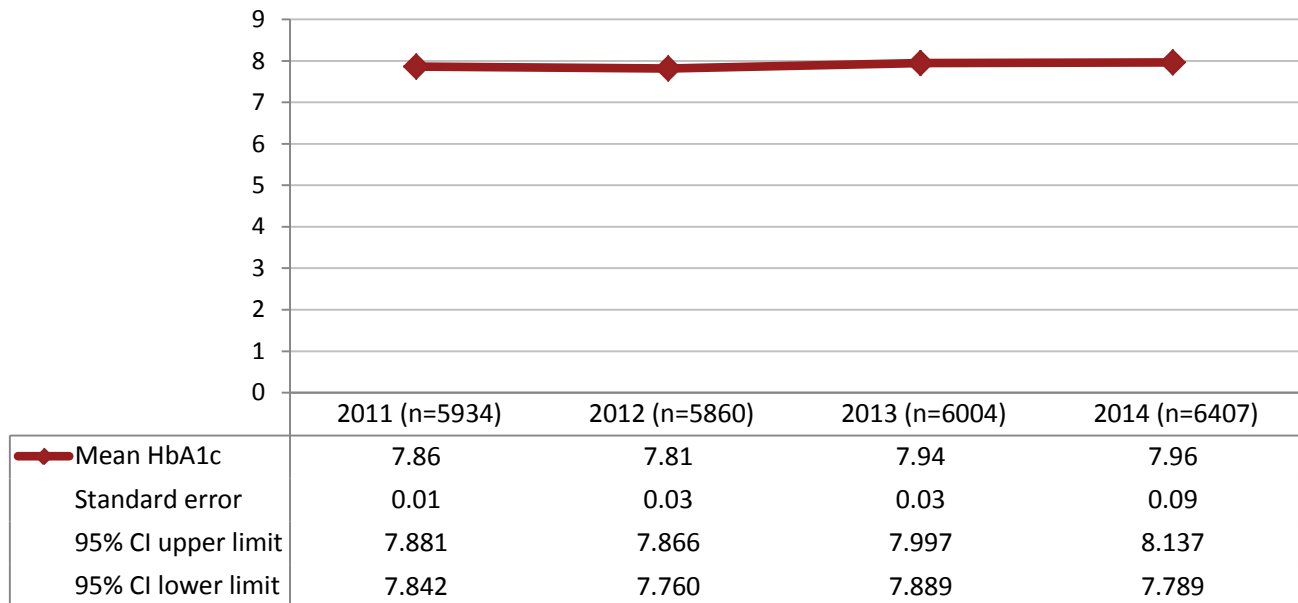
	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
HbA1c missing	11 %	7 %	7 %	6 %	7 %
HbA1c 10.0 or higher	13 %	15 %	15 %	17 %	17 %
HbA1c 7.0-9.9	37 %	37 %	36 %	37 %	37 %
HbA1c <7	39 %	41 %	42 %	39 %	39 %
HbA1c ≤6.5	28 %	29 %	32 %	29 %	30 %

Average Hemoglobin A1C

	2011 (n=5934)	2012 (n=5860)	2013 (n=6004)	2014 (n=6407)
Mean HbA1c	7.86	7.81	7.94	7.96
Standard error	0.01	0.03	0.03	0.09
95% CI upper limit	7.881	7.866	7.997	8.137
95% CI lower limit	7.842	7.760	7.889	7.789

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, 2004-2014

Before 2010: Based on the average of the last 3 blood pressure measurements taken within the audit year. If <3 measurements were taken, blood pressure control is undetermined.

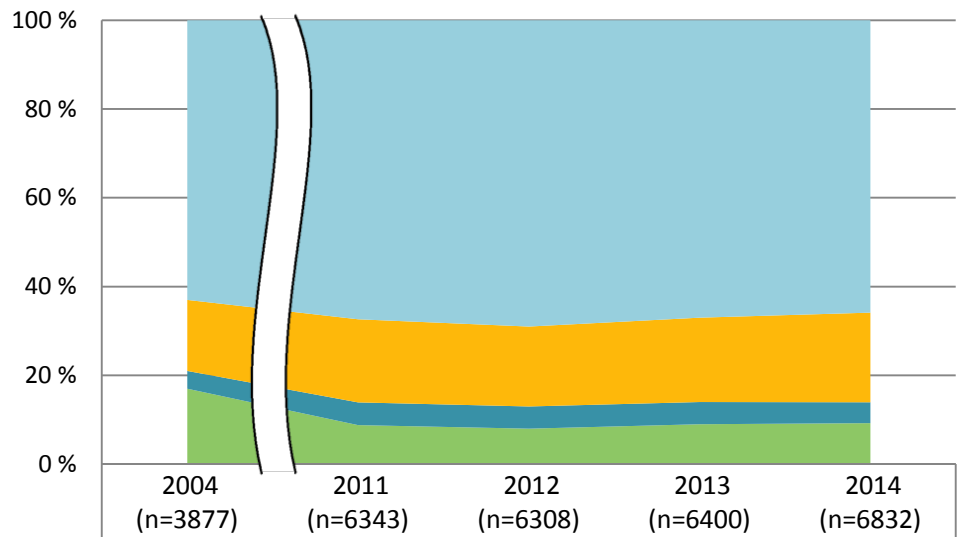**After 2010**: Based on the average of the last 2 or 3 blood pressure measurements taken within the audit year. If <2 measurements were taken, blood pressure control is undetermined.

Blood Pressure

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Adequate BP <140/<90	63 %	67 %	69 %	68 %	66 %
Inadequate (140/90 - <160/<95)	16 %	19 %	18 %	19 %	20 %
Markedly poor (160/95 or higher)	4 %	5 %	5 %	5 %	5 %
BP control undetermined	17 %	9 %	8 %	9 %	9 %

Average Blood Pressure
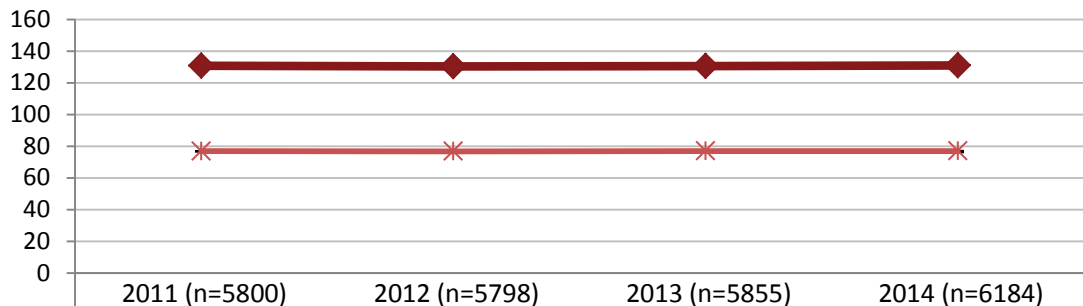
	2011 (n=5800)	2012 (n=5798)	2013 (n=5855)	2014 (n=6184)
Mean systolic BP	130.78	130.35	130.65	130.98
Standard error	0.07	0.18	0.18	0.55
95% CI upper limit	130.922	130.701	131.004	132.056
95% CI lower limit	130.646	130.003	130.294	129.908
Mean diastolic BP	76.87	76.79	76.99	77.06
Standard error	0.05	0.12	0.12	0.36
95% CI upper limit	76.960	77.031	77.230	77.774
95% CI lower limit	76.782	76.559	76.755	76.350

Diabetes Audit Results, Portland Area, 2004-2014

Tobacco Use

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
■ Tobacco use not documented	6 %	1 %	1 %	1 %	2 %
■ Not a current tobacco user	62 %	63 %	64 %	64 %	65 %
■ Current tobacco user	31 %	36 %	35 %	35 %	33 %

Tobacco Cessation Referrals

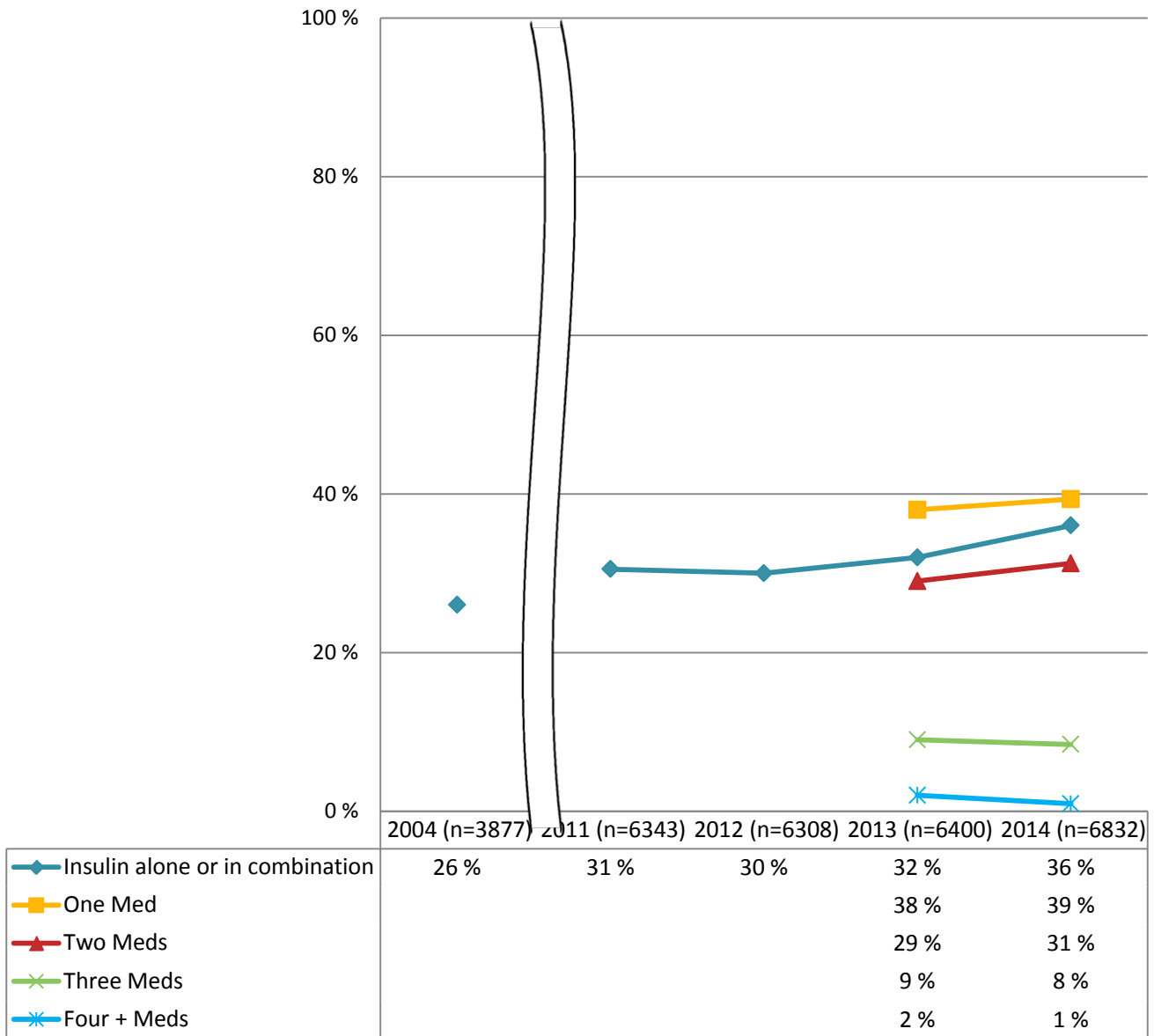|	2004 (n=1202)	2011 (n=2268)	2012 (n=2208)	2013 (n=2240)	2014 (n=2274)
◆ Counsel rate/users	28 %	41 %	58 %	60 %	62 %
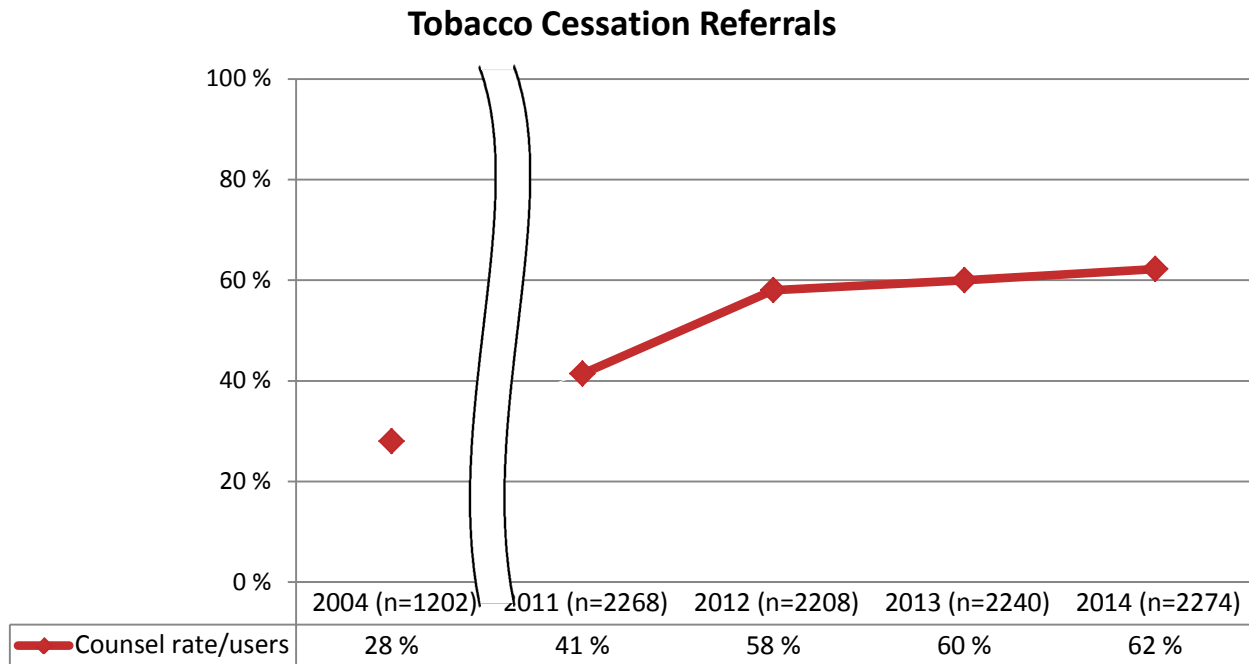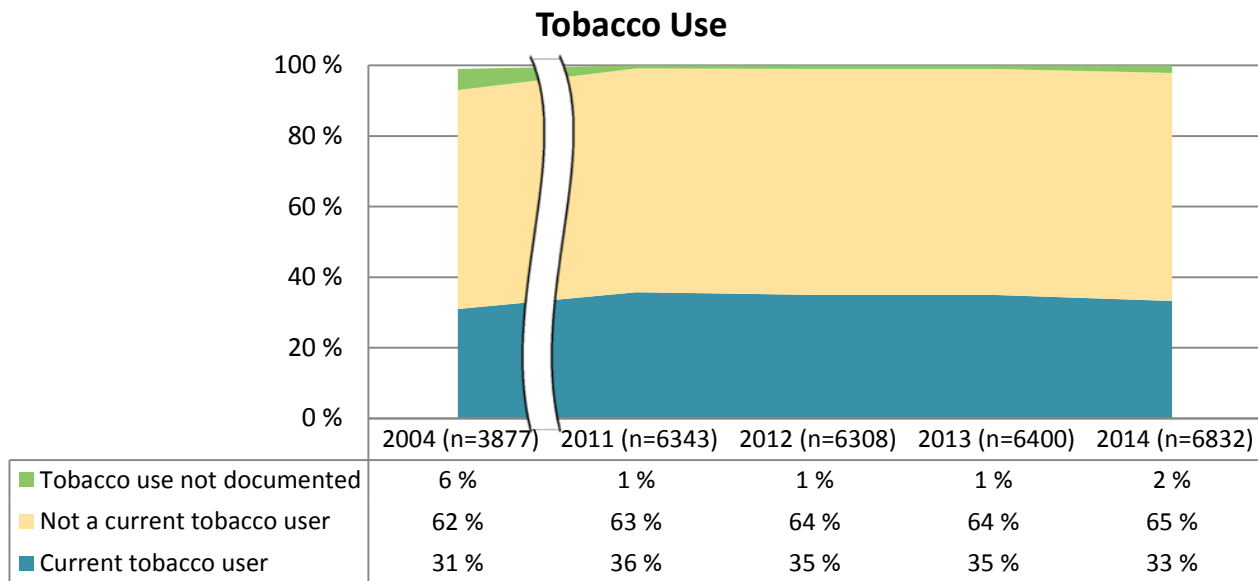
Note: The 'n' in this graph refers to the total number of tobacco users included in the audit.

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

Diabetes Medications

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Insulin alone or in combination	26 %	31 %	30 %	32 %	36 %
One Med				38 %	39 %
Two Meds				29 %	31 %
Three Meds				9 %	8 %
Four + Meds				2 %	1 %

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

	2004	2011	2012	2013	2014
Use in patients with overt proteinuria	74 %	73 %	75 %	76 %	78 %
Use in patients with known hypertension	75 %	76 %	75 %	75 %	76 %
Use in overall patient population	63 %	66 %	67 %	68 %	66 %

Antiplatelet Therapy

Among patients 30 or over (until 2009), 40 or over (in 2010), and for men over 50 or women over 60 (2011).

	2004	2011	2012	2013	2014
Aspirin or antiplatelet prescription	68 %	73 %	77 %	76 %	75 %
No antiplatelet prescription	31 %	25 %	21 %	24 %	25 %
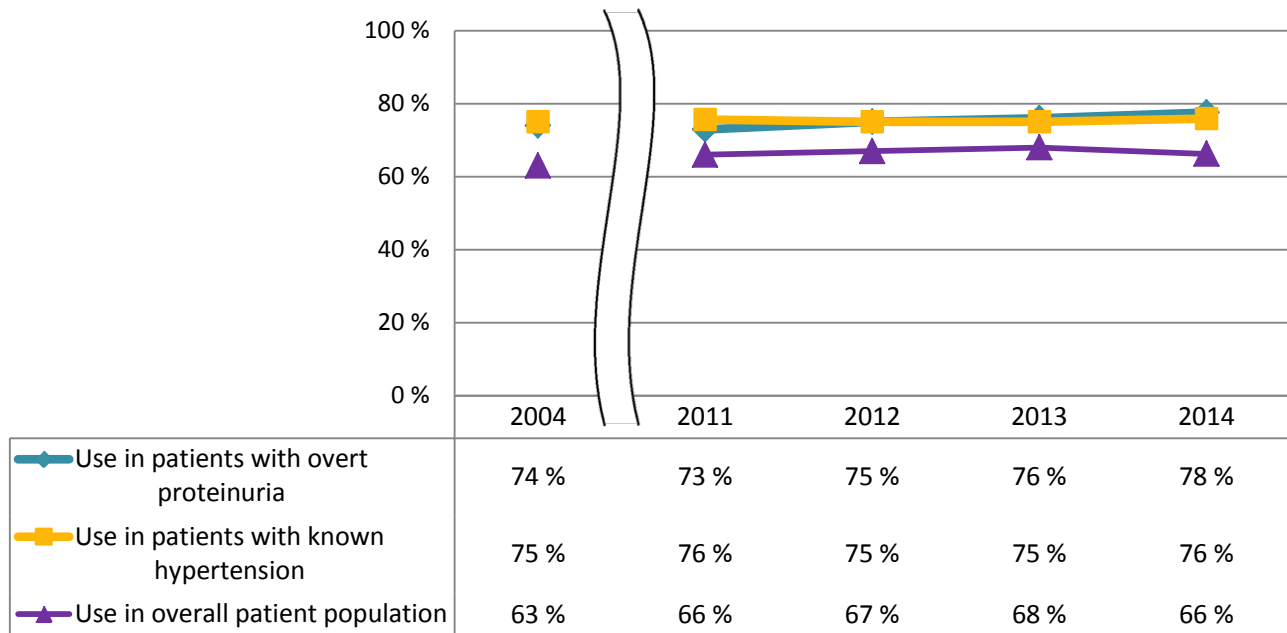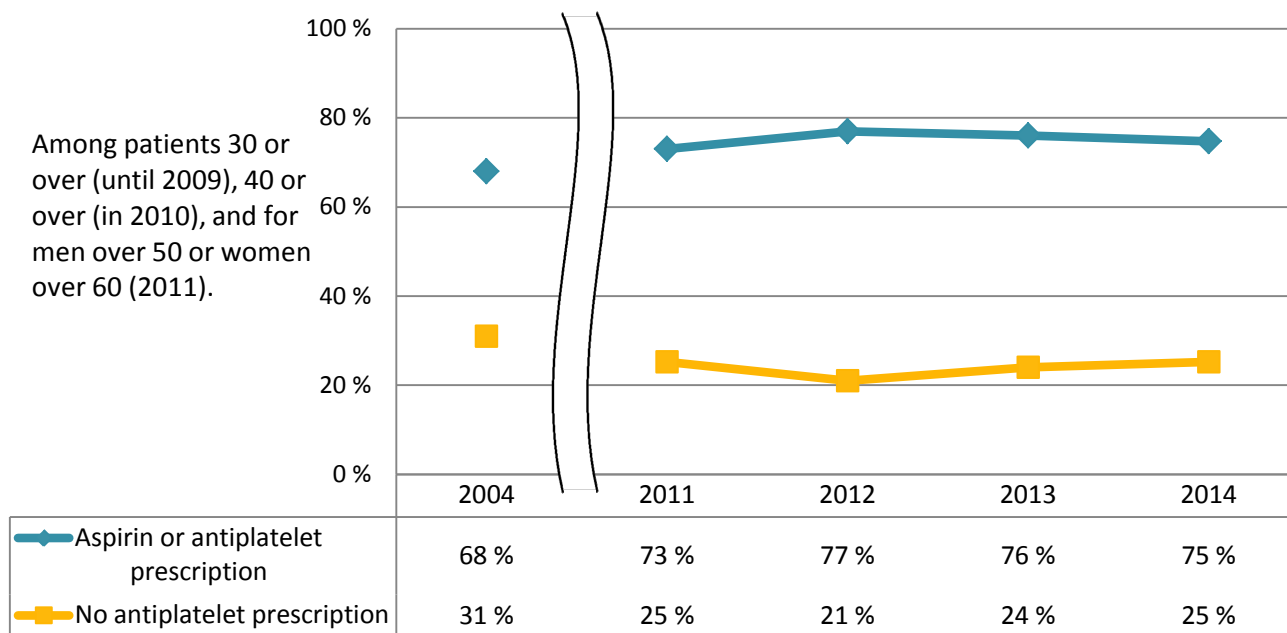
Denominators (n=) are not displayed on this page. These charts represent various subsets of patients, and not the entire population included in the audit.

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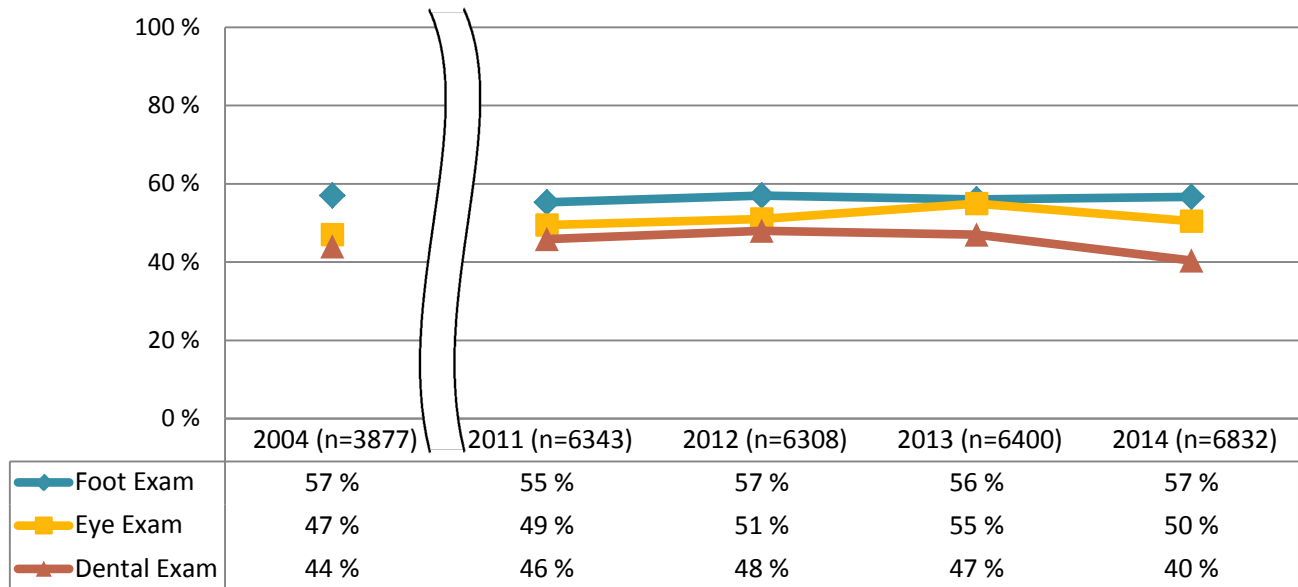
Annual Examinations

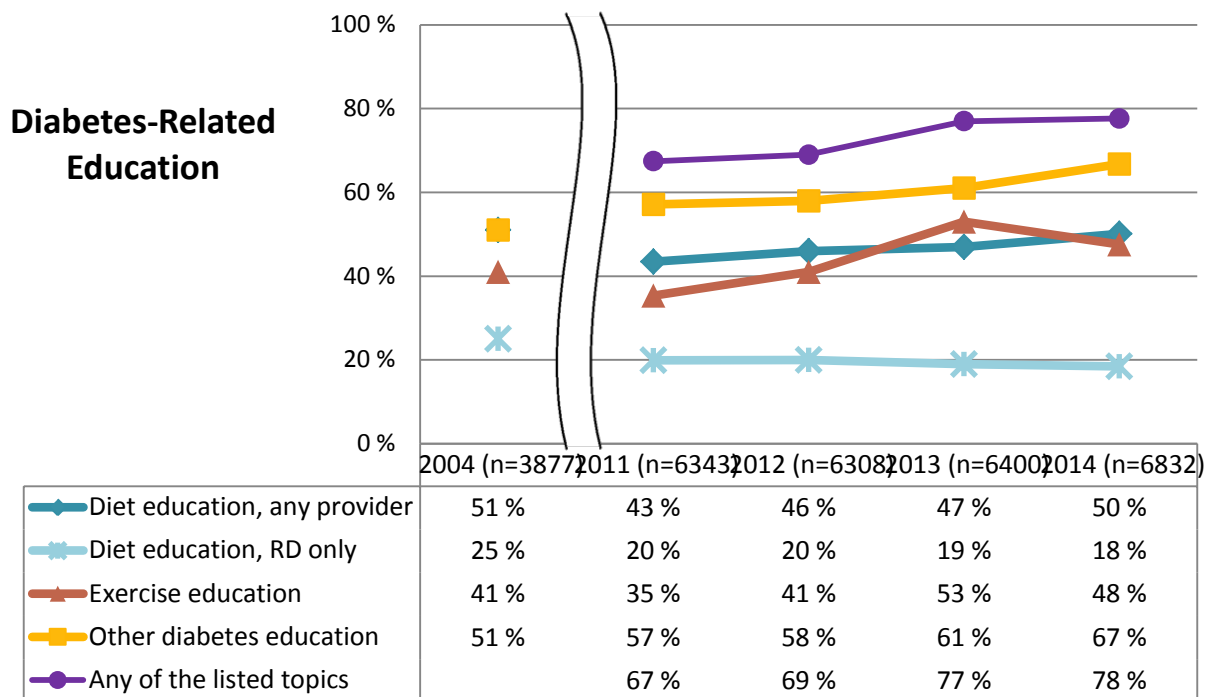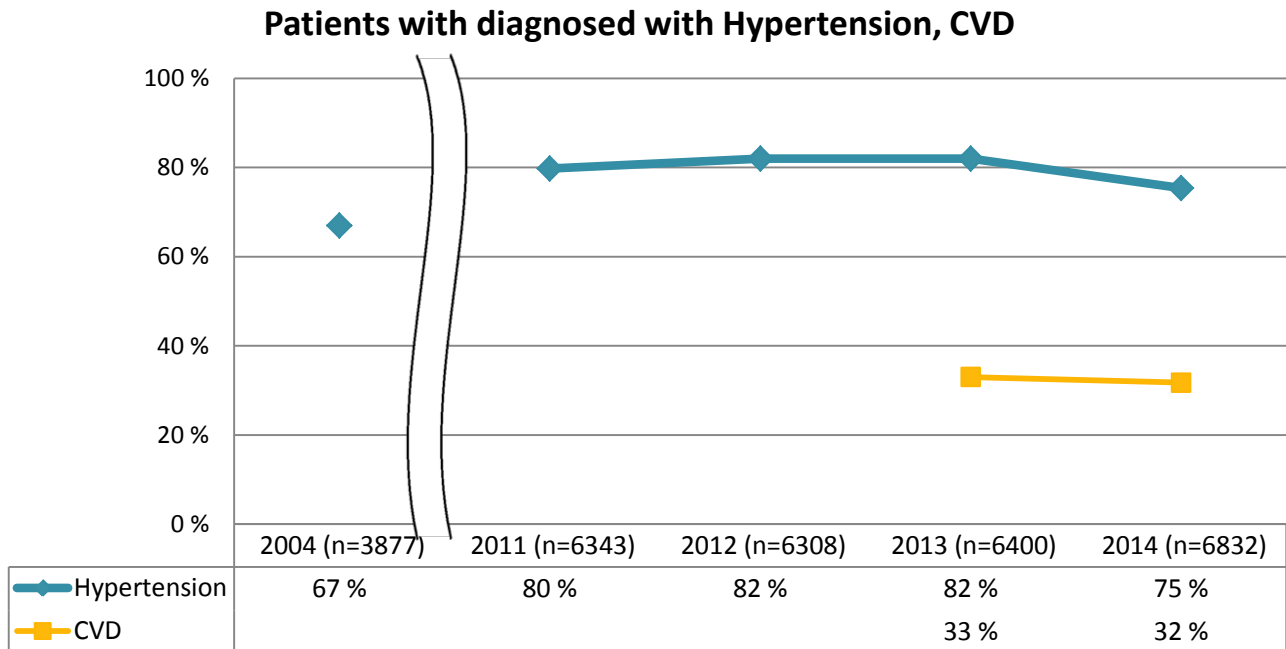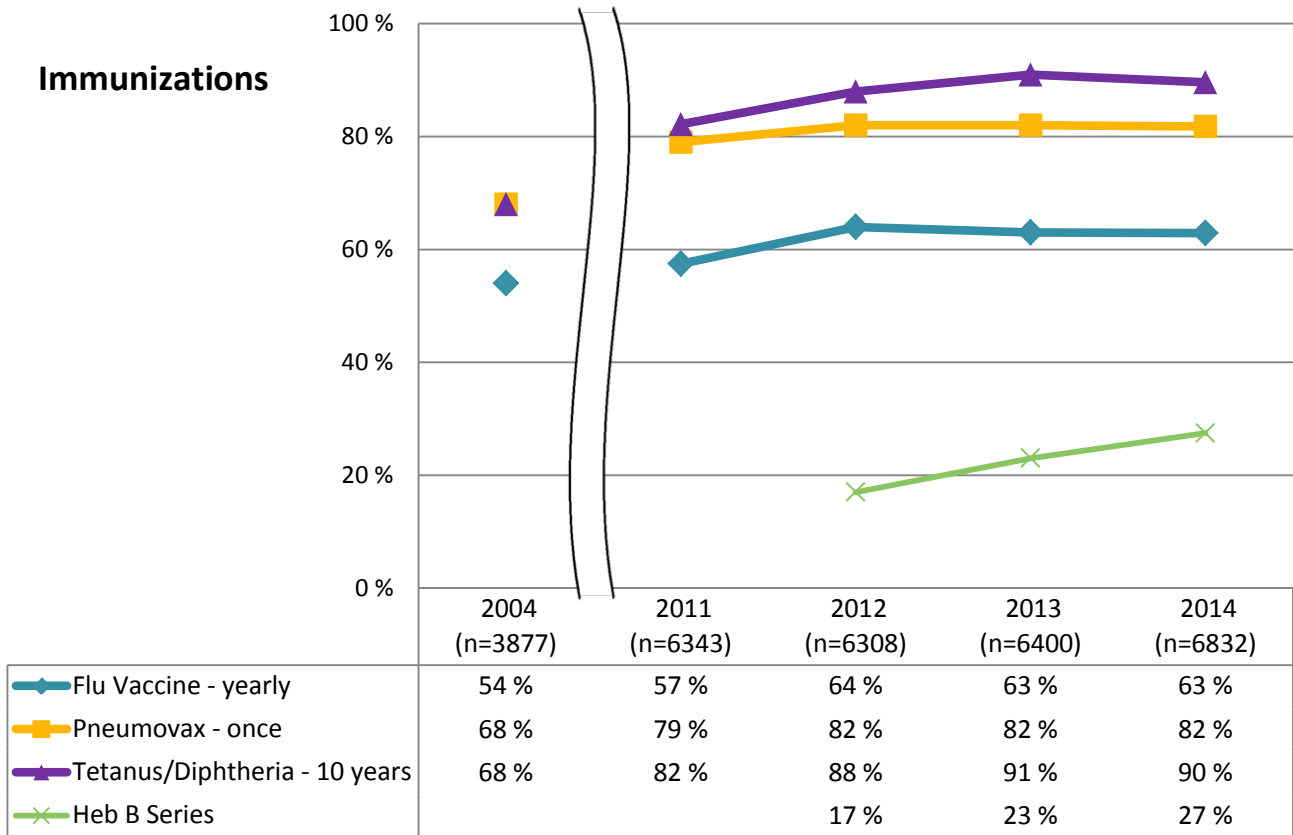|	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Foot Exam	57 %	55 %	57 %	56 %	57 %
Eye Exam	47 %	49 %	51 %	55 %	50 %
Dental Exam	44 %	46 %	48 %	47 %	40 %

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.

Diabetes-Related Education

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Diet education, any provider	51 %	43 %	46 %	47 %	50 %
Diet education, RD only	25 %	20 %	20 %	19 %	18 %
Exercise education	41 %	35 %	41 %	53 %	48 %
Other diabetes education	51 %	57 %	58 %	61 %	67 %
Any of the listed topics		67 %	69 %	77 %	78 %

Diabetes Audit Results, Portland Area, 2004-2014

Immunizations

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Flu Vaccine - yearly	54 %	57 %	64 %	63 %	63 %
Pneumovax - once	68 %	79 %	82 %	82 %	82 %
Tetanus/Diphtheria - 10 years	68 %	82 %	88 %	91 %	90 %
Heb B Series			17 %	23 %	27 %

Patients with diagnosed with Hypertension, CVD

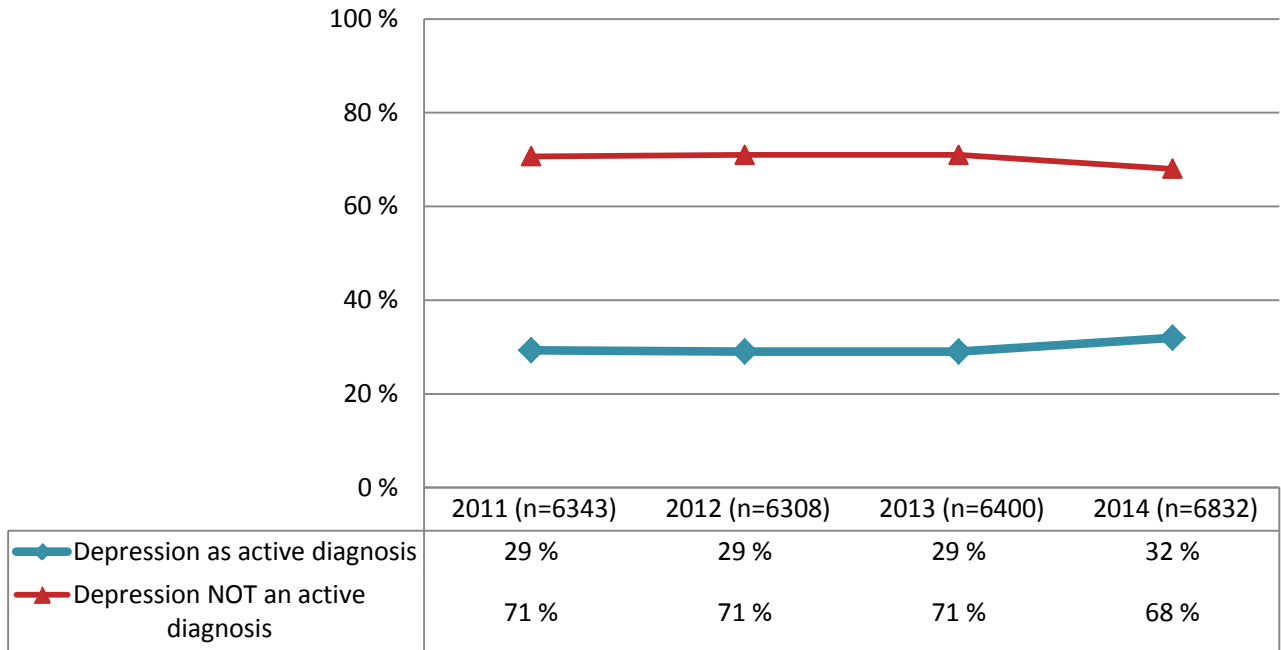|	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Hypertension	67 %	80 %	82 %	82 %	75 %
CVD				33 %	32 %

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.
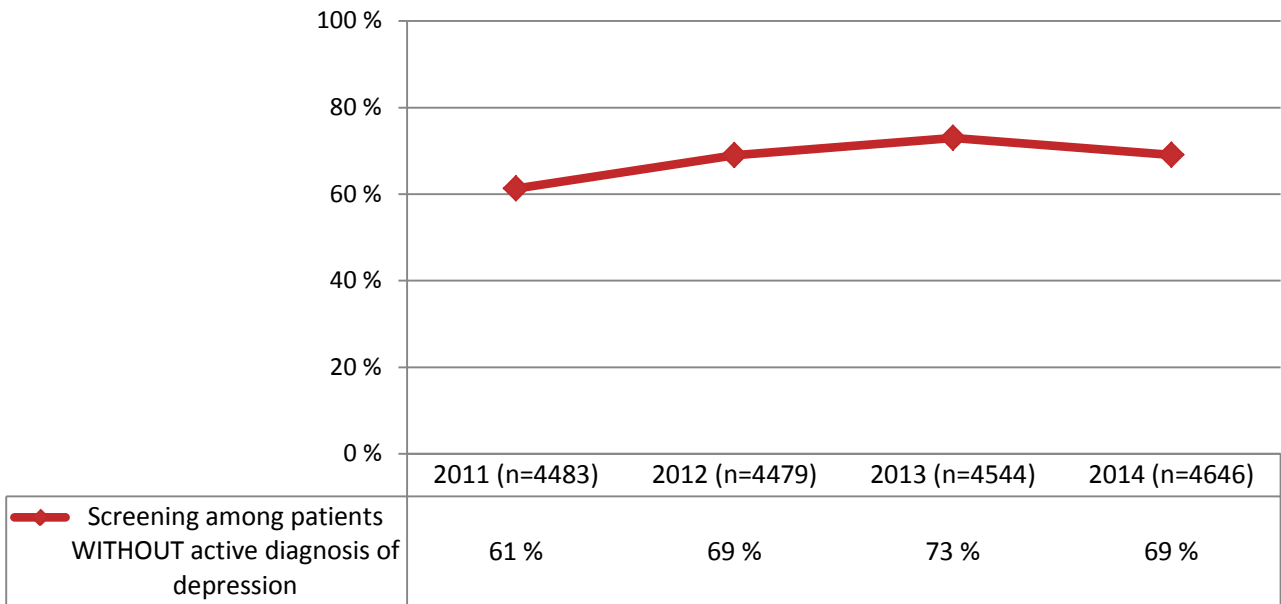
Diagnosed Depression

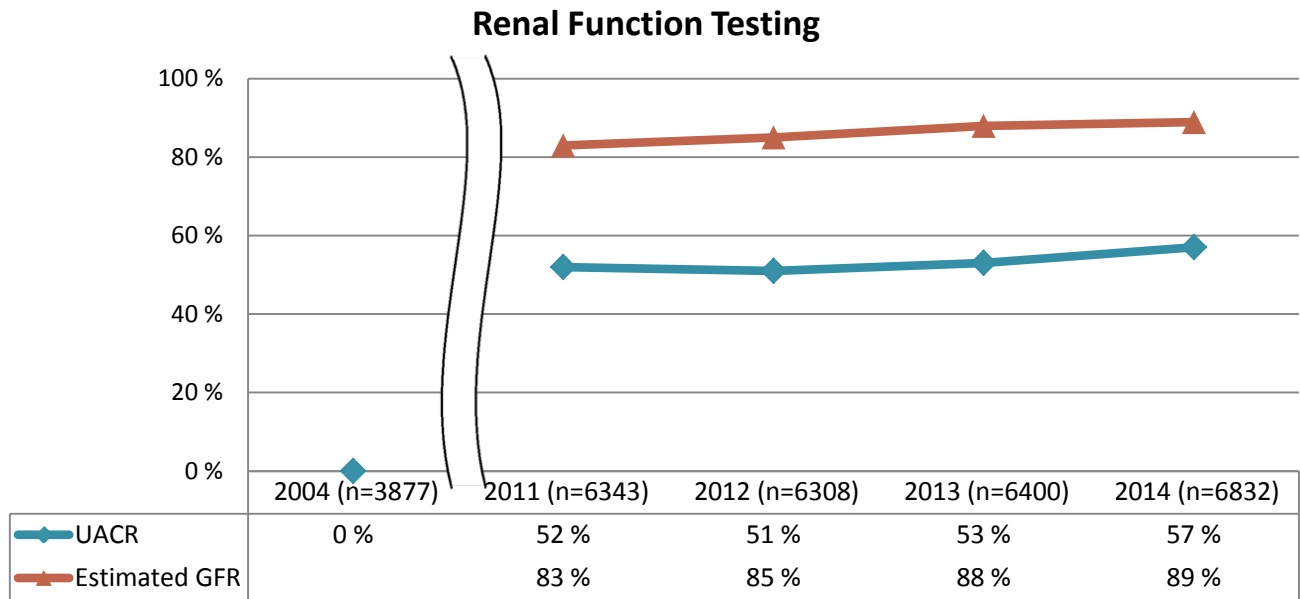|	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Depression as active diagnosis	29 %	29 %	29 %	32 %
Depression NOT an active diagnosis	71 %	71 %	71 %	68 %

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

Depression Screening
### among Patients without Active Depression Diagnoses

	2011 (n=4483)	2012 (n=4479)	2013 (n=4544)	2014 (n=4646)
Screening among patients WITHOUT active diagnosis of depression	61 %	69 %	73 %	69 %

Diabetes Audit Results, Portland Area, 2004-2014

Renal Function Testing

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
UACR	0 %	52 %	51 %	53 %	57 %
Estimated GFR		83 %	85 %	88 %	89 %

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

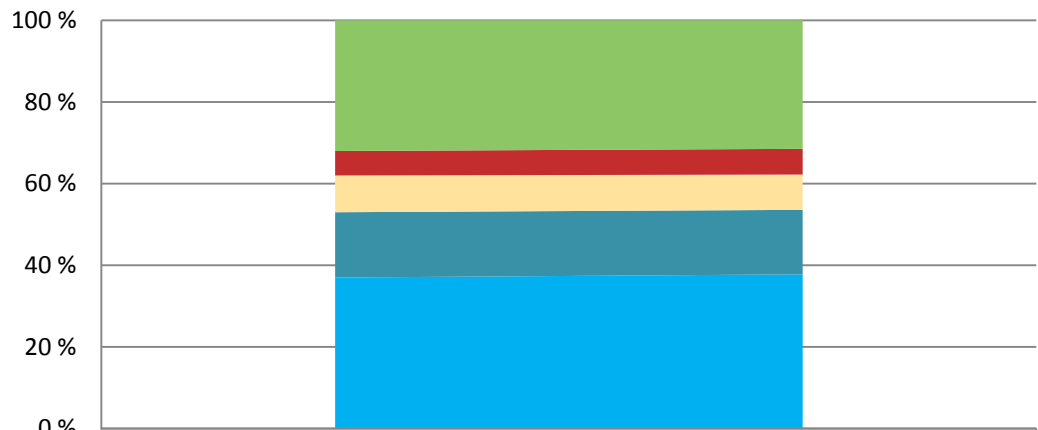|	2013 (n=6400)	2014 (n=6832)
Combined eGFR|Quantitative Urine	52 %	55 %
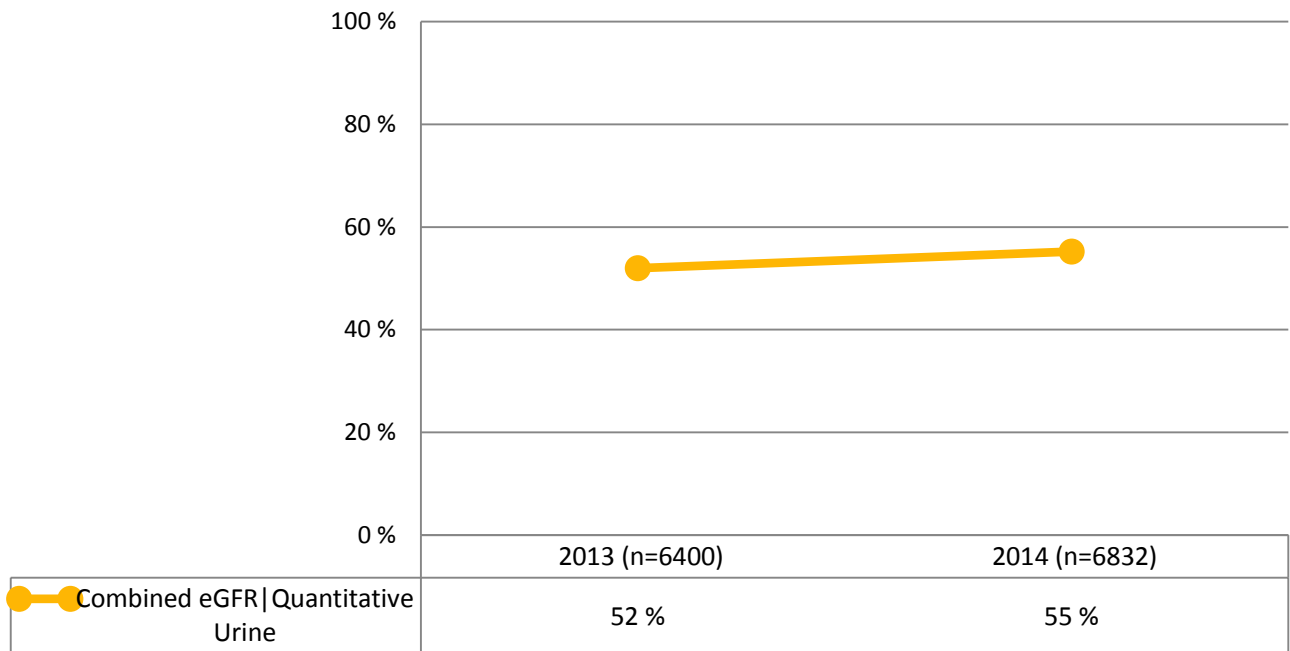
For this measure, these are records with both an eGFR and a quantitative urine protein test.

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

non-HDL Cholesterol

	2013 (n=6400)	2014 (n=6832)
▮ Non-HDL no test or result	32 %	31 %
▮ Non-HDL >190	6 %	6 %
▮ Non-HDL 160-190	9 %	9 %
▮ Non-HDL 130-159	16 %	16 %
▮ Non-HDL <130	37 %	38 %

Average non-HDL Cholesterol

	2013 (n=4328)	2014 (n=4631)
◆ Mean non-HDL cholesterol	130.58	129.80
Standard error	0.64	1.29
95% CI upper limit	131.839	132.321
95% CI lower limit	129.325	127.276

HDL Cholesterol (Females)

	2013 (n=3456)	2014 (n=3736)
■ HDL no result or not tested	34 %	33 %
■ HDL >50 (females)	23 %	24 %
■ HDL ≤50 (females)	44 %	43 %

HDL Cholesterol (Males)

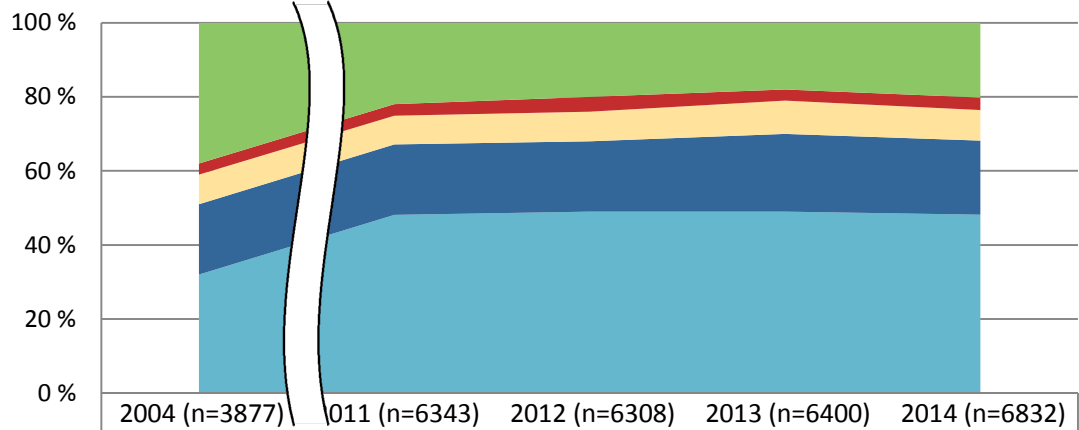|	2013 (n=2944)	2014 (n=3096)
■ HDL no result or not tested	31 %	30 %
■ HDL >40 (males)	34 %	35 %
■ HDL ≤40 (males)	35 %	35 %
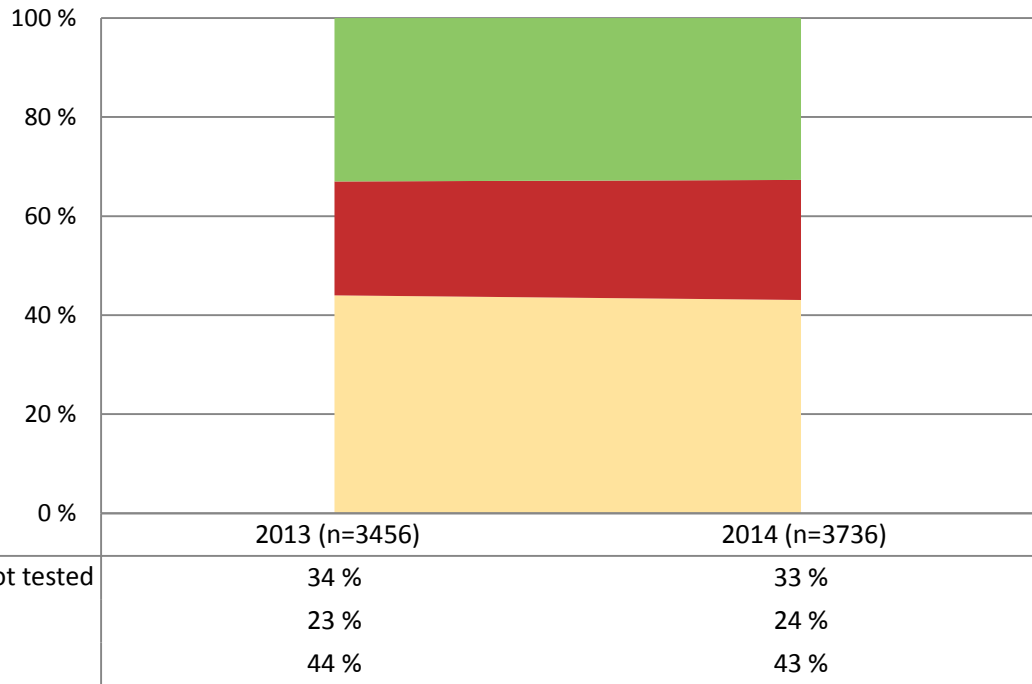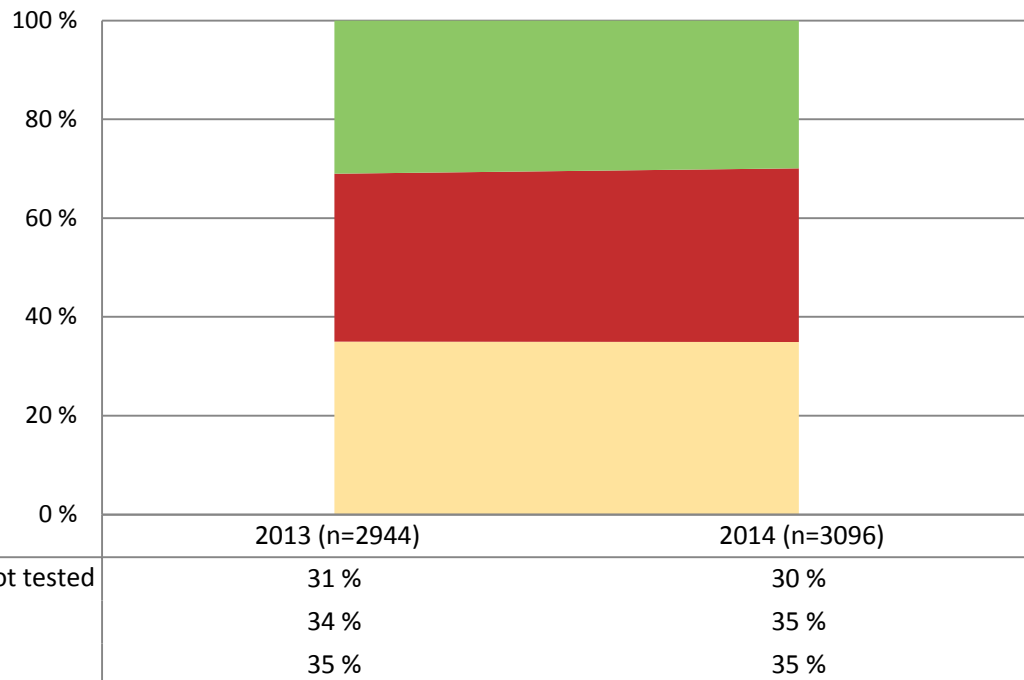
A blank indicates a category not reported on in a given year; FY = Fiscal Year, the year in which data were submitted.

Low-Density Lipoprotein (LDL) Cholesterol
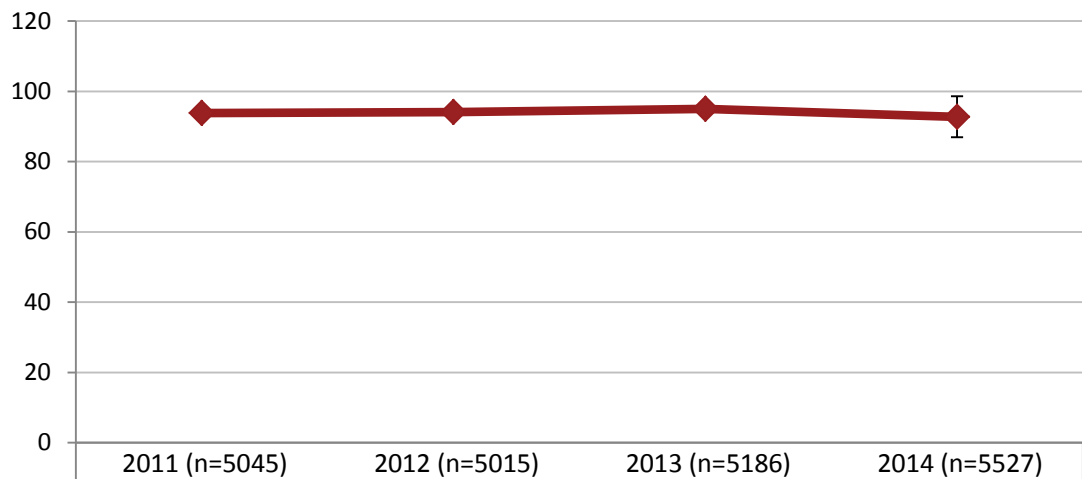
	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
■ Not tested	38 %	22 %	20 %	19 %	20 %
■ LDL >160	3 %	3 %	4 %	3 %	3 %
■ LDL 130-160 mg/dl	8 %	8 %	8 %	9 %	8 %
■ LDL 100-129 mg/dl	19 %	19 %	19 %	21 %	20 %
■ Desirable (<100 mg/dl)	32 %	48 %	49 %	49 %	48 %

Average LDL Cholesterol

	2011 (n=5045)	2012 (n=5015)	2013 (n=5186)	2014 (n=5527)
◆ Mean LDL	93.78	94.05	95.04	92.75
Standard error	0.17	0.49	0.47	2.98
95% CI upper limit	94.112	95.004	95.955	98.597
95% CI lower limit	93.441	93.100	94.126	86.902

Diabetes Audit Results, Portland Area, 2004-2014

Triglycerides

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
Not tested	34 %	26 %	27 %	27 %	28 %
TG ≤400 mg/dl	58 %	68 %	66 %	67 %	66 %
TG >400 mg/dl	7 %	6 %	6 %	6 %	6 %
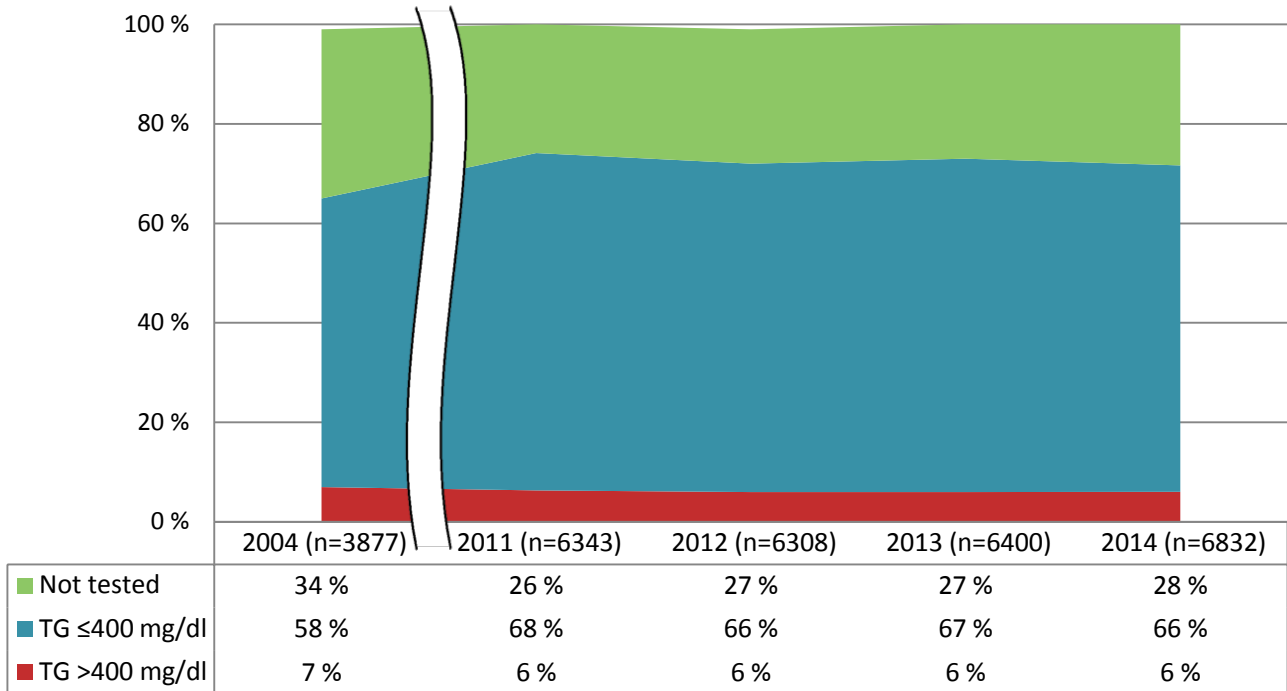
Average Triglyceride Levels
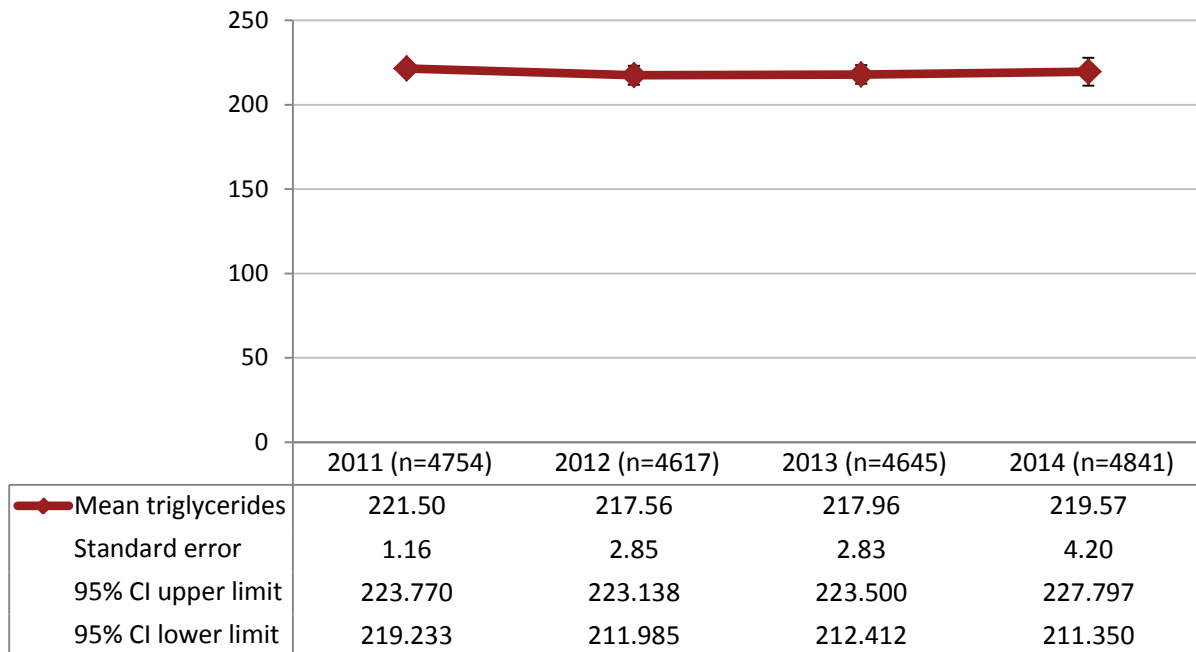
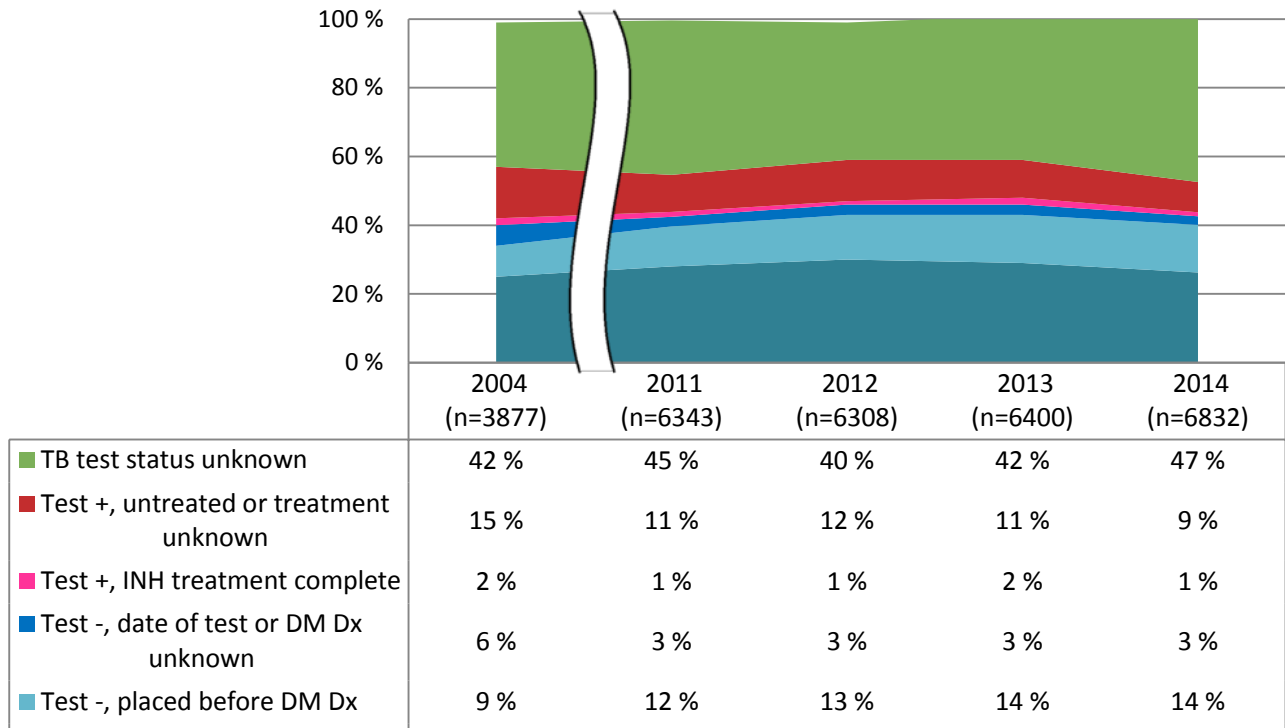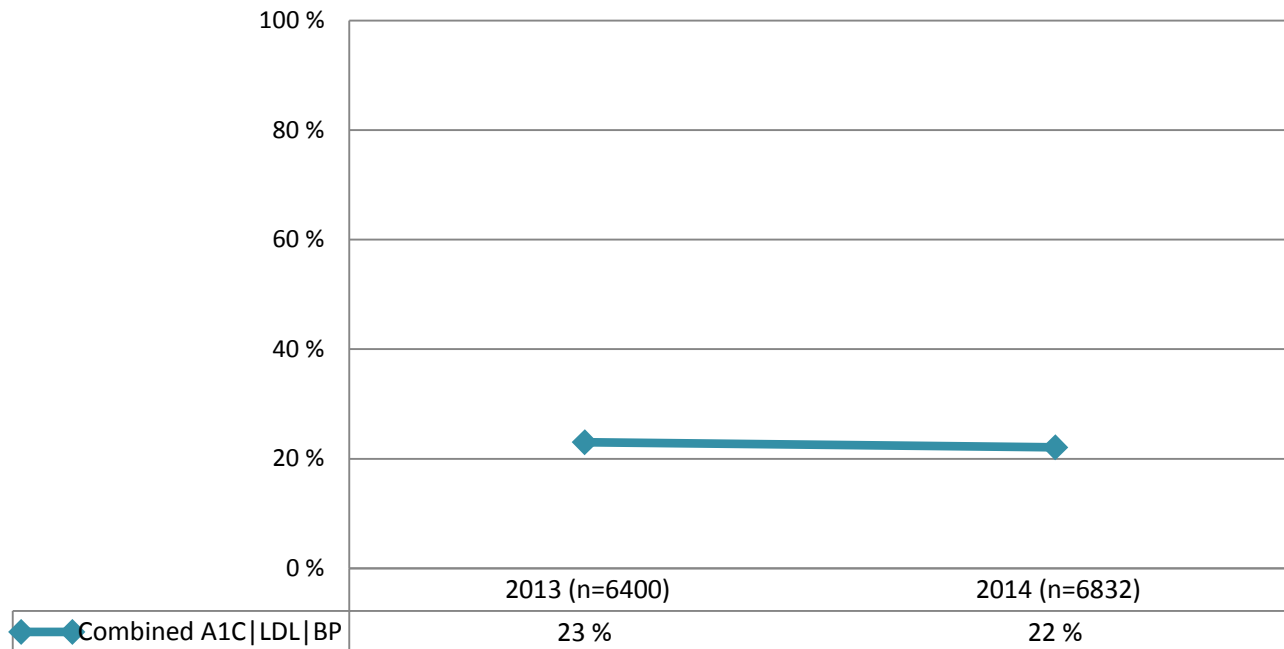|	2011 (n=4754)	2012 (n=4617)	2013 (n=4645)	2014 (n=4841)
Mean triglycerides	221.50	217.56	217.96	219.57
Standard error	1.16	2.85	2.83	4.20
95% CI upper limit	223.770	223.138	223.500	227.797
95% CI lower limit	219.233	211.985	212.412	211.350

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

Tuberculosis or PPD History

	2004 (n=3877)	2011 (n=6343)	2012 (n=6308)	2013 (n=6400)	2014 (n=6832)
■ TB test status unknown	42 %	45 %	40 %	42 %	47 %
■ Test +, untreated or treatment unknown	15 %	11 %	12 %	11 %	9 %
■ Test +, INH treatment complete	2 %	1 %	1 %	2 %	1 %
■ Test -, date of test or DM Dx unknown	6 %	3 %	3 %	3 %	3 %
■ Test -, placed before DM Dx	9 %	12 %	13 %	14 %	14 %

Pilot Element: Combined Outcome Measure

	2013 (n=6400)	2014 (n=6832)
◆ Combined A1C|LDL|BP	23 %	22 %

For the first measure, the following criteria have been met: Hemoglobin A1c < 8.0, LDL < 100, BP <140/<90.

2014 Diabetes Audit: Dates of Service Calendar Year 2013

This information is for the following groups:

Portland Area (n=6832 patients)

6832 sampled from 8004 active patients with diabetes (85%)

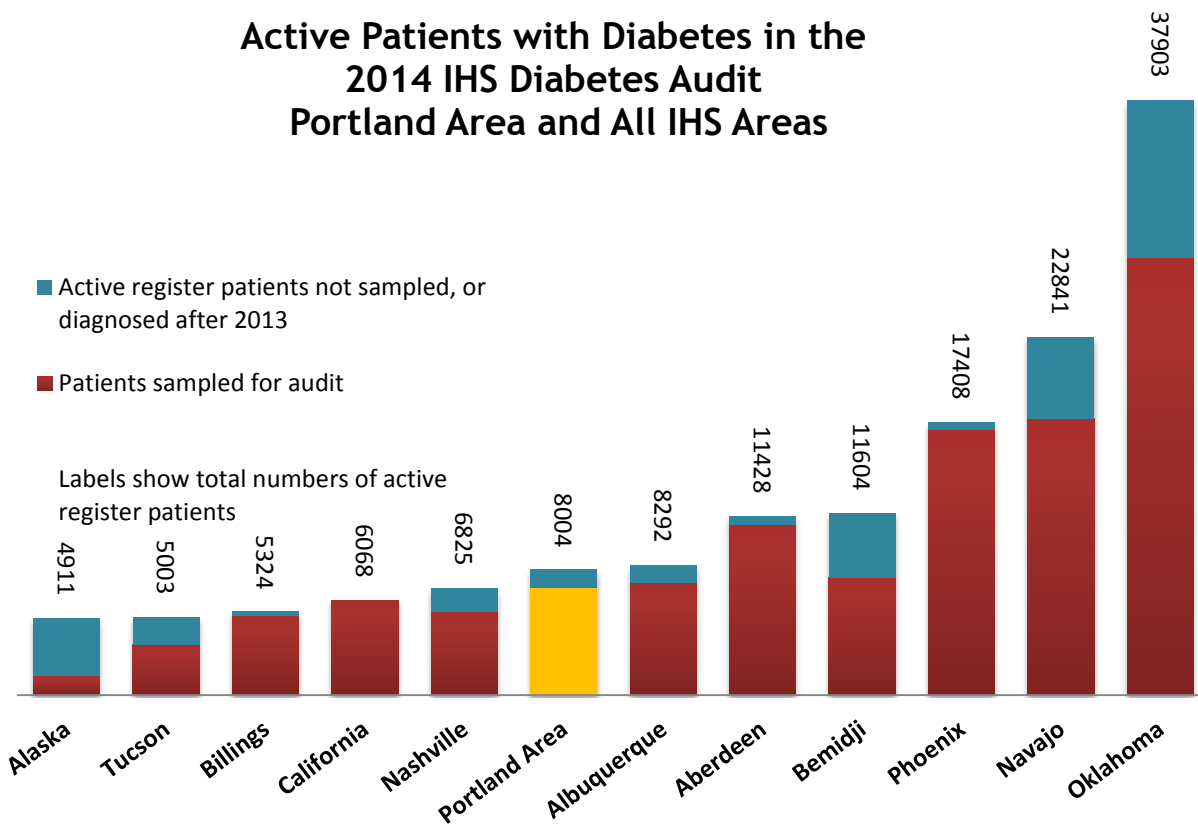**All IHS Areas (n=115724 patients)**

115724 sampled from 145611 active patients with diabetes (79%)

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.

Active Patients with Diabetes in the 2014 IHS Diabetes Audit Portland Area and All IHS Areas

- Active register patients not sampled, or diagnosed after 2013
- Patients sampled for audit

Labels show total numbers of active register patients

4911	5003	5324	6068	6825	8004	8292	11428	11604	17408	22841	37903

Alaska, Tucson, Billings, California, Nashville, Portland Area, Albuquerque, Aberdeen, Bemidji, Phoenix, Navajo, Oklahoma

*The chart audit performed in 2014 covers services delivered in 2012

2014 Diabetes Audit: Dates of Service Calendar Year 2013

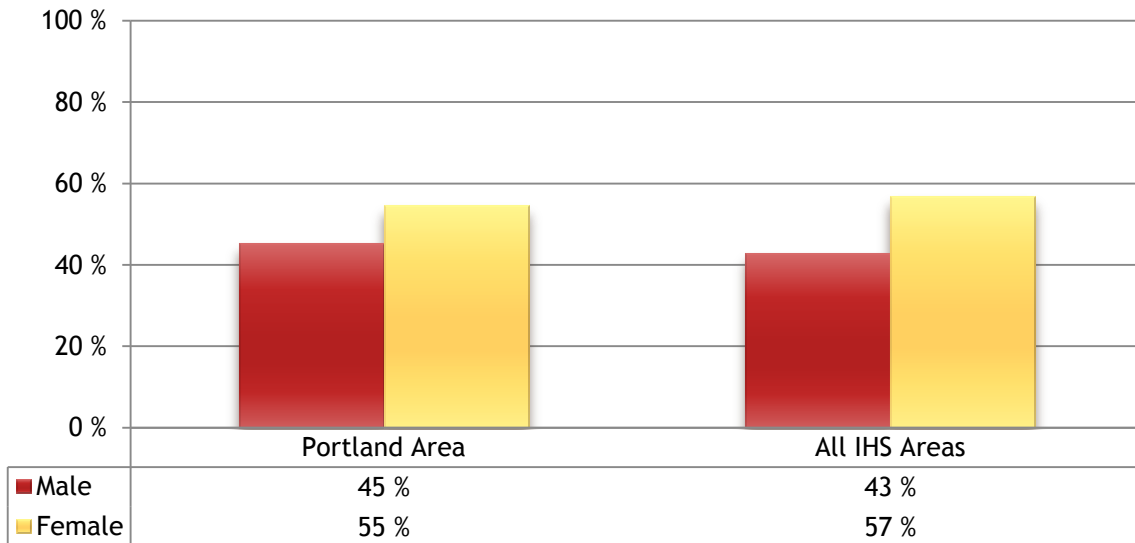**This information is for the following groups:**

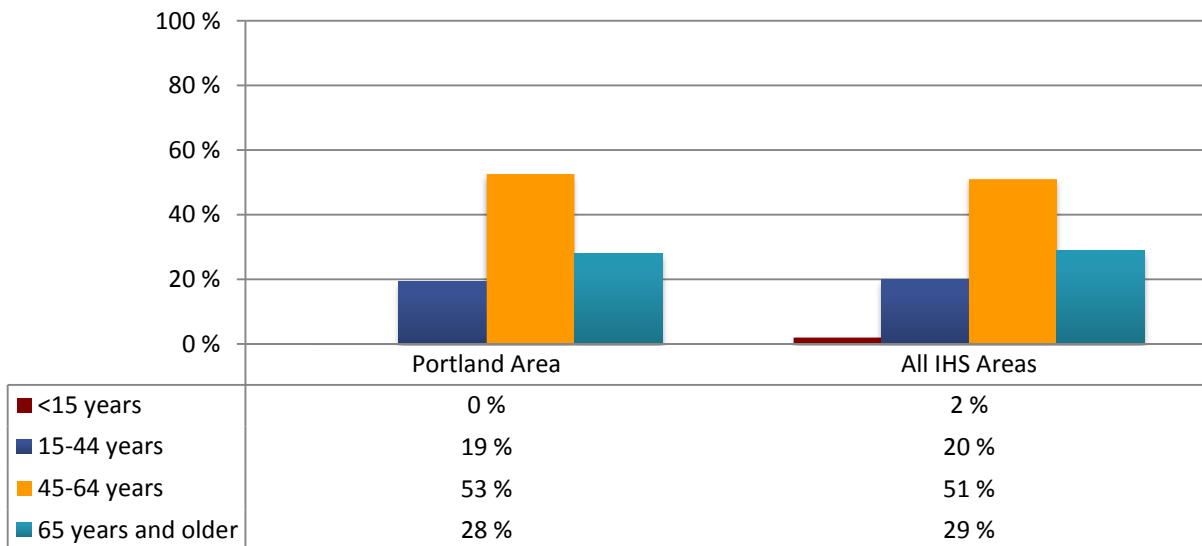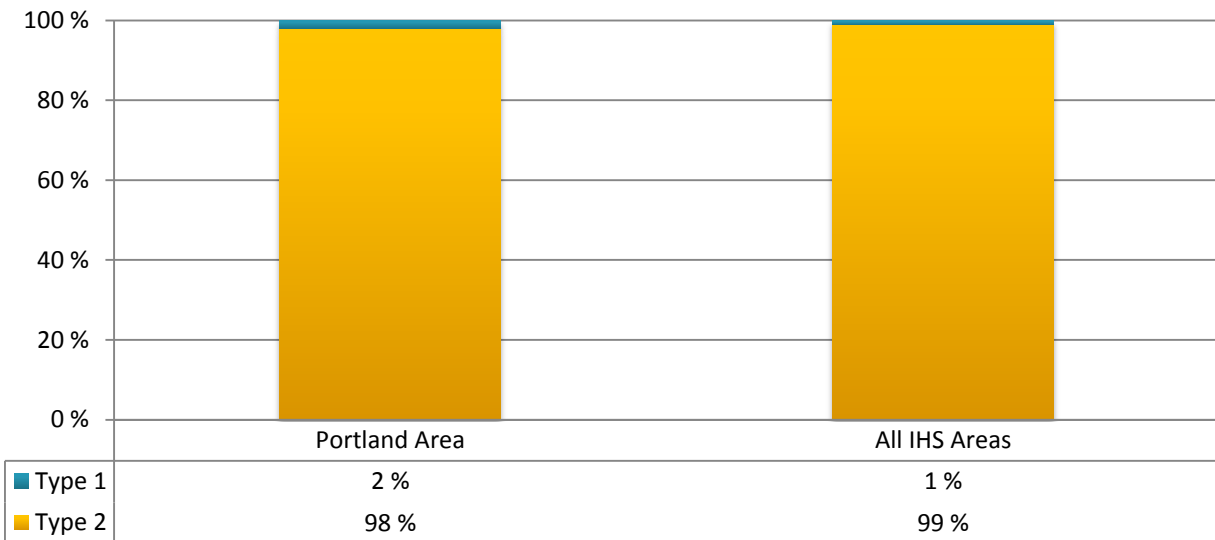Portland Area (n=6832 patients)

All IHS Areas (n=115724 patients)

6832 sampled from 8004 active patients with diabetes (85%)

115724 sampled from 145611 active patients with diabetes (79%)

Gender of Patients with Diabetes

	Portland Area	All IHS Areas
Male	45 %	43 %
Female	55 %	57 %

Age Distribution of Patients with Diabetes

	Portland Area	All IHS Areas
<15 years	0 %	2 %
15-44 years	19 %	20 %
45-64 years	53 %	51 %
65 years and older	28 %	29 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

This information is for the following groups:

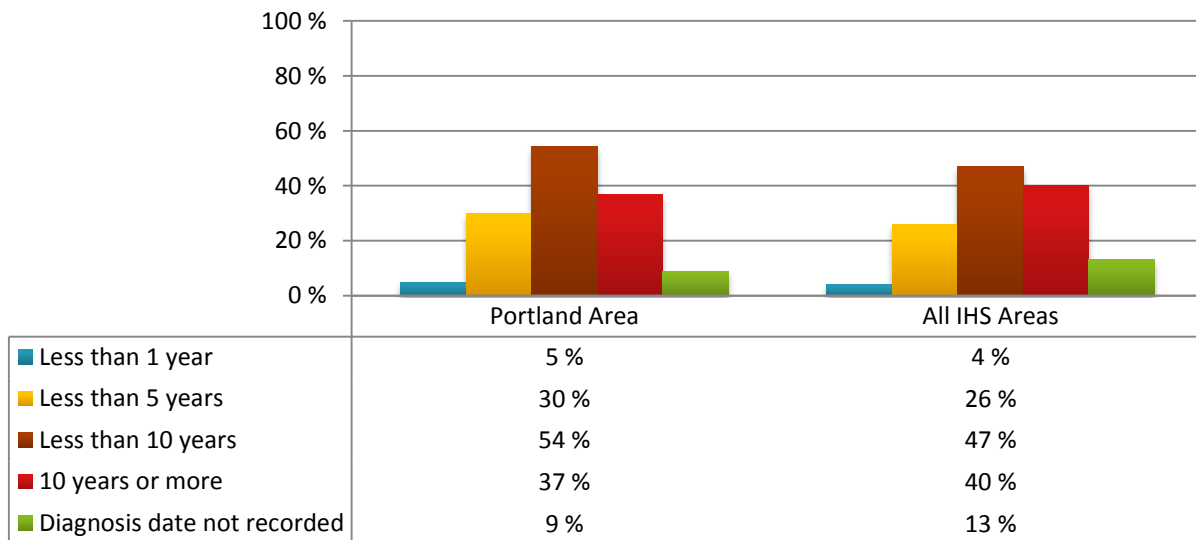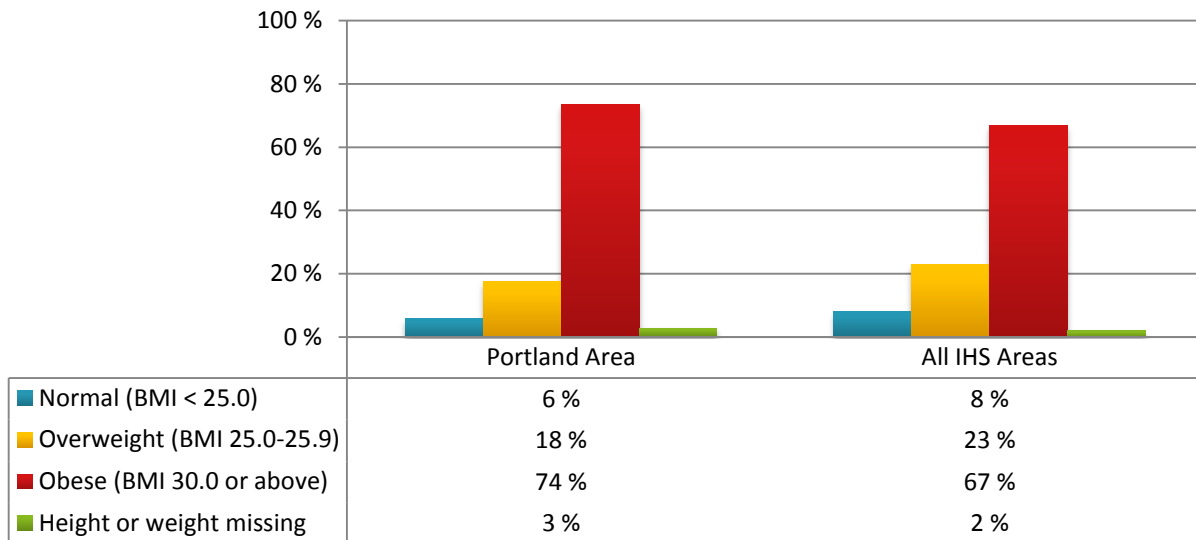| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
6832 sampled from 8004 active patients with diabetes (85%)	115724 sampled from 145611 active patients with diabetes (79%)

Type of Diabetes Diagnosed

	Portland Area	All IHS Areas
Type 1	2 %	1 %
Type 2	98 %	99 %

Duration of Diabetes

	Portland Area	All IHS Areas
Less than 1 year	5 %	4 %
Less than 5 years	30 %	26 %
Less than 10 years	54 %	47 %
10 years or more	37 %	40 %
Diagnosis date not recorded	9 %	13 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

This information is for the following groups:

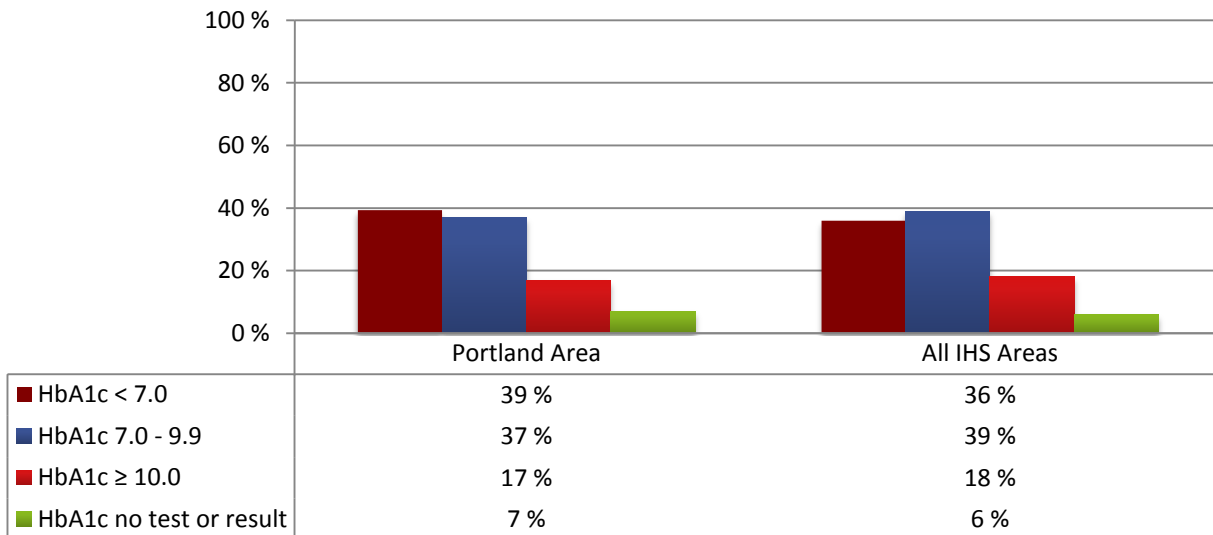| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
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Weight (Body Mass Index)

	Portland Area	All IHS Areas
Normal (BMI < 25.0)	6 %	8 %
Overweight (BMI 25.0-25.9)	18 %	23 %
Obese (BMI 30.0 or above)	74 %	67 %
Height or weight missing	3 %	2 %

Hemoglobin A1C

	Portland Area	All IHS Areas
HbA1c < 7.0	39 %	36 %
HbA1c 7.0 - 9.9	37 %	39 %
HbA1c ≥ 10.0	17 %	18 %
HbA1c no test or result	7 %	6 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013
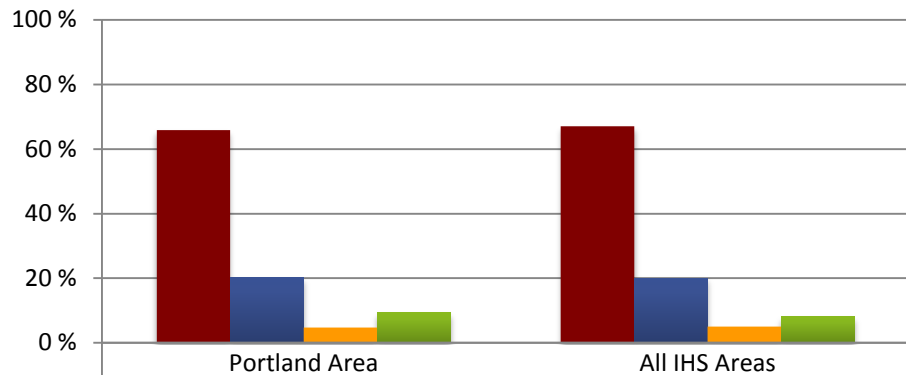
This information is for the following groups:

Portland Area (n=6832 patients)

All IHS Areas (n=115724 patients)
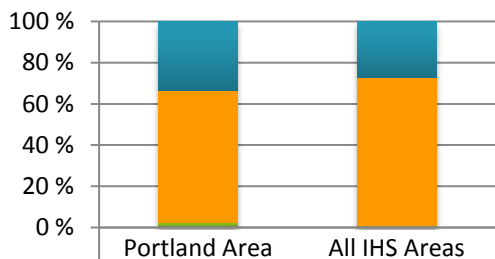
6832 sampled from 8004 active patients with diabetes (85%)

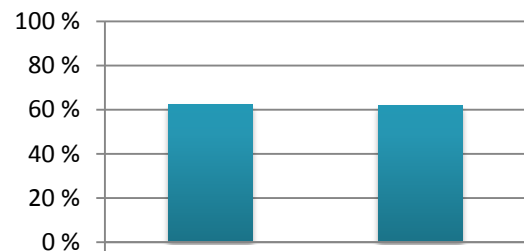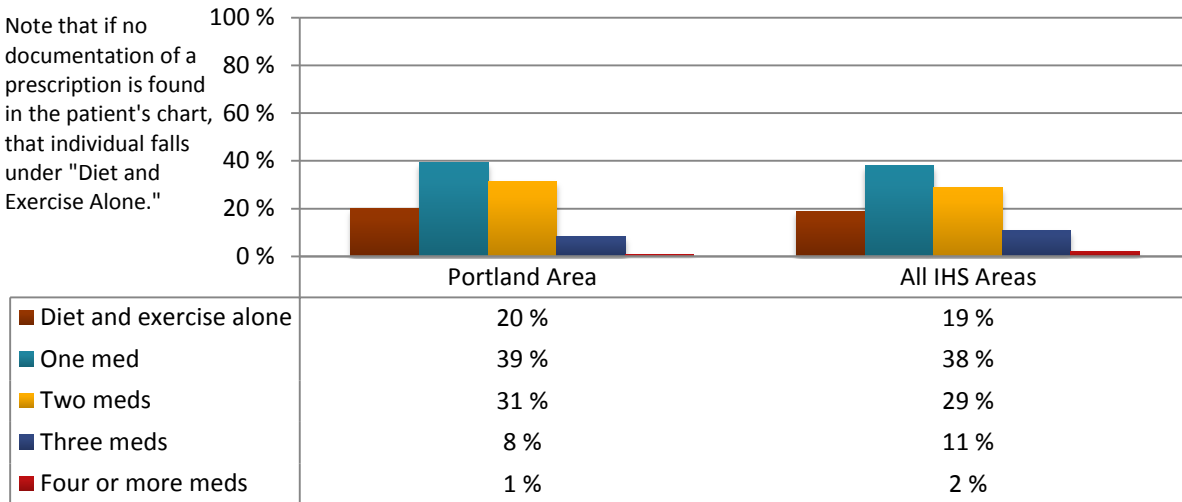115724 sampled from 145611 active patients with diabetes (79%)

Blood Pressure

	Portland Area	All IHS Areas
Blood Pressure (<140/<90)	66 %	67 %
Blood Pressure (140/90 - <160/<95)	20 %	20 %
Blood Pressure (160/95 or higher)	5 %	5 %
BP control undetermined	9 %	8 %

Tobacco Use

	Portland Area	All IHS Areas
Current tobacco user	33 %	27 %
Not a current tobacco user	65 %	72 %
Tobacco use not documented	2 %	1 %

Tobacco Cessation Counseling for Current Tobacco Users

	Portland Area (n=2274 Patients)	All IHS Areas (n=31245 Patients)
Counseled - Yes	62 %	62 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

This information is for the following groups:

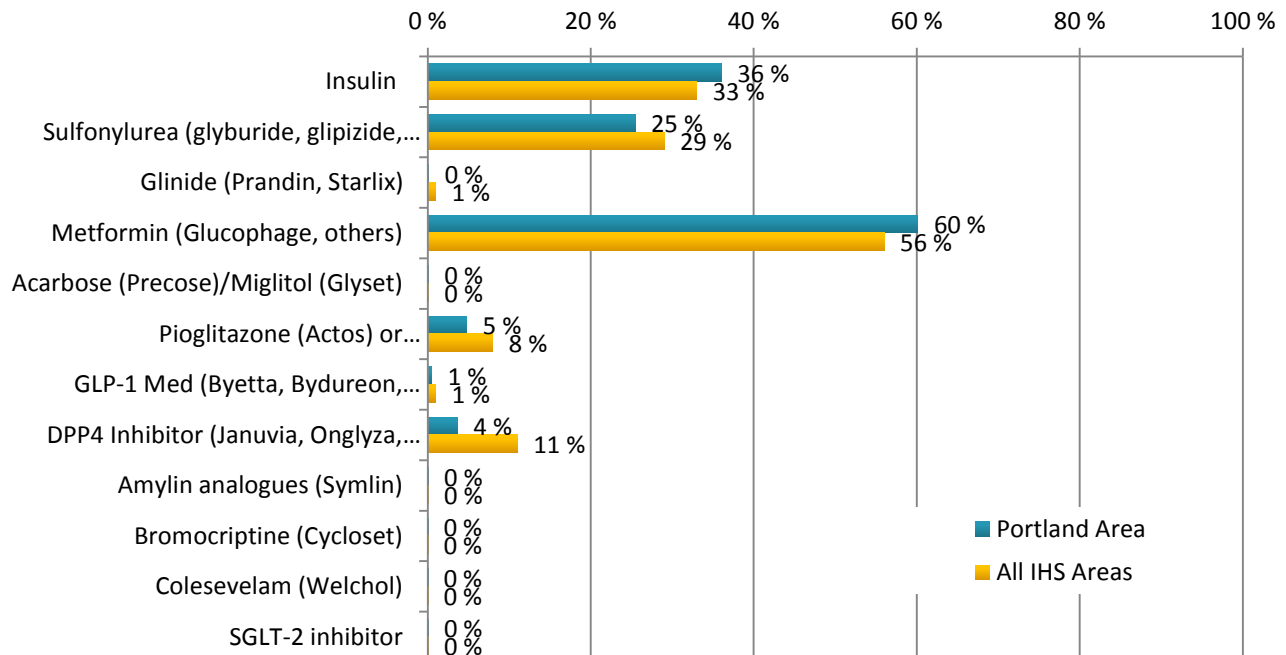| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
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Patients with Diabetes-Related Prescriptions

Note that if no documentation of a prescription is found in the patient's chart, that individual falls under "Diet and Exercise Alone."

	Portland Area	All IHS Areas
■ Diet and exercise alone	20 %	19 %
■ One med	39 %	38 %
■ Two meds	31 %	29 %
■ Three meds	8 %	11 %
■ Four or more meds	1 %	2 %

Diabetes Medications, Alone or in Combination

Medication	Portland Area	All IHS Areas
Insulin	36 %	33 %
Sulfonylurea (glyburide, glipizide,…	25 %	29 %
Glinide (Prandin, Starlix)	0 %	1 %
Metformin (Glucophage, others)	60 %	56 %
Acarbose (Precose)/Miglitol (Glyset)	0 %	0 %
Pioglitazone (Actos) or…	5 %	8 %
GLP-1 Med (Byetta, Bydureon,…	1 %	1 %
DPP4 Inhibitor (Januvia, Onglyza,…	4 %	11 %
Amylin analogues (Symlin)	0 %	0 %
Bromocriptine (Cycloset)	0 %	0 %
Colesevelam (Welchol)	0 %	0 %
SGLT-2 inhibitor	0 %	0 %

Northwest Portland Area Indian Health Board

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Ace Inhibitor (or ARB) Prescriptions
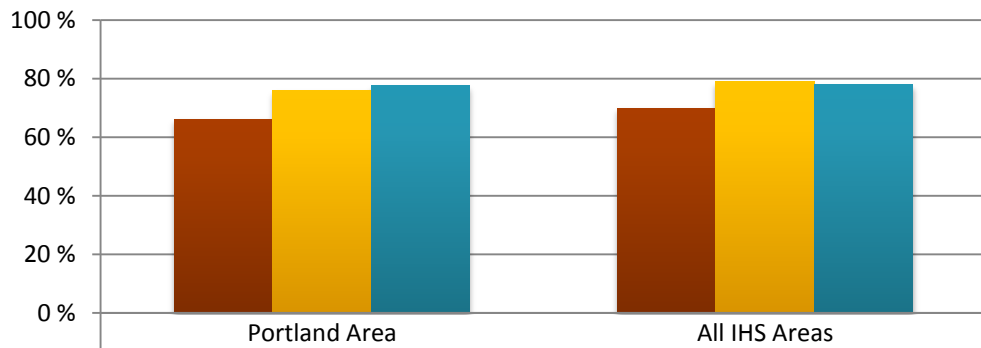
	Portland Area	All IHS Areas
ACE or ARB Rx [overall]	66 %	70 %
As a % of pts with known hypertension	76 %	79 %
As a % of pts with elevated albuminuria	78 %	78 %

Anti-Platelet Therapy

Among Patients >50 years of age (males) or >60 years of age
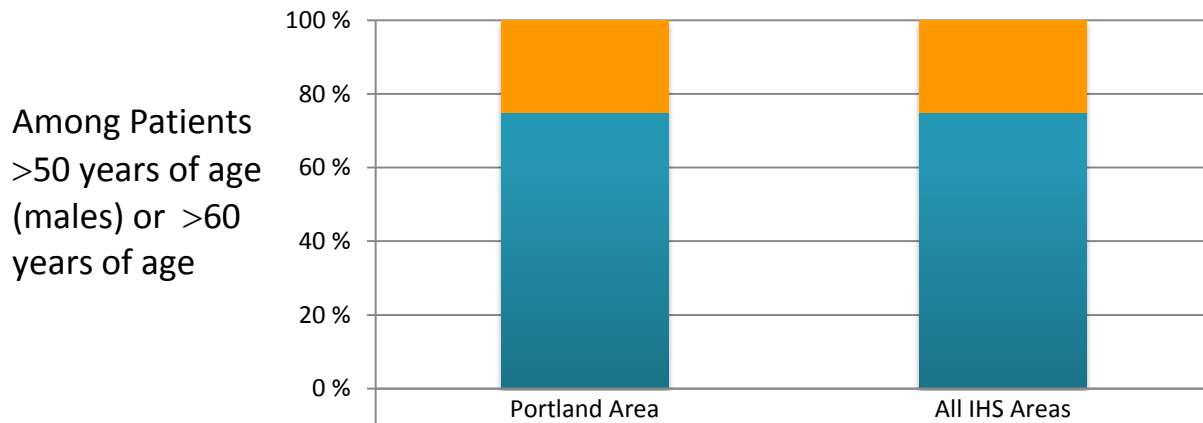
	Portland Area	All IHS Areas
ASA None (CVD dx)	25 %	25 %
Aspirin/Antiplatelet Prescription (CVD dx)	75 %	75 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013
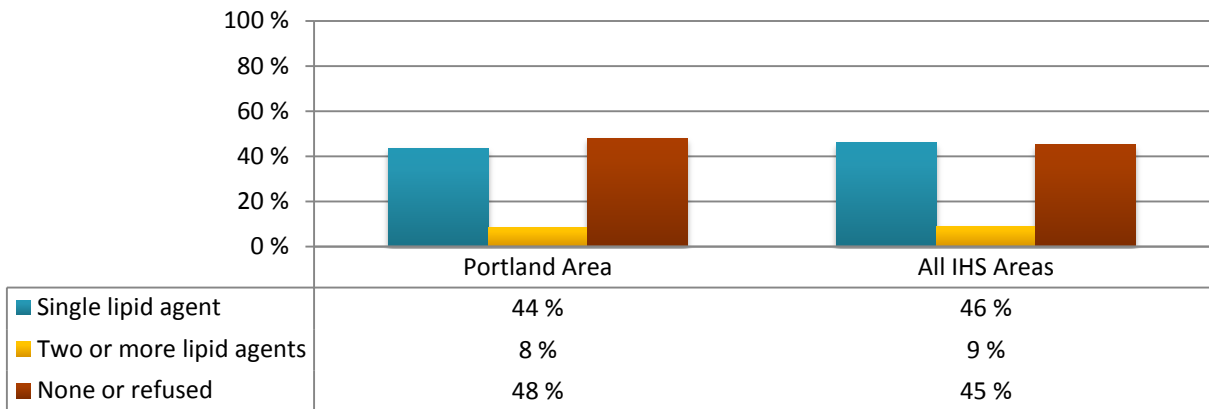
This information is for the following groups:

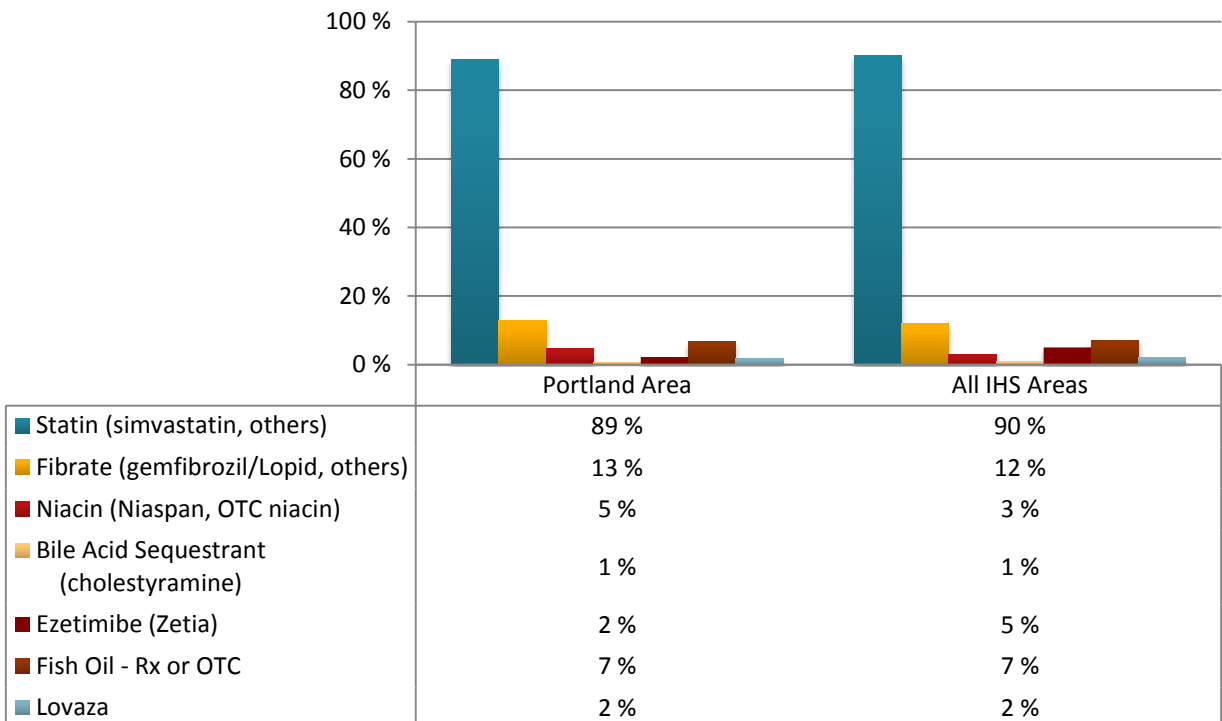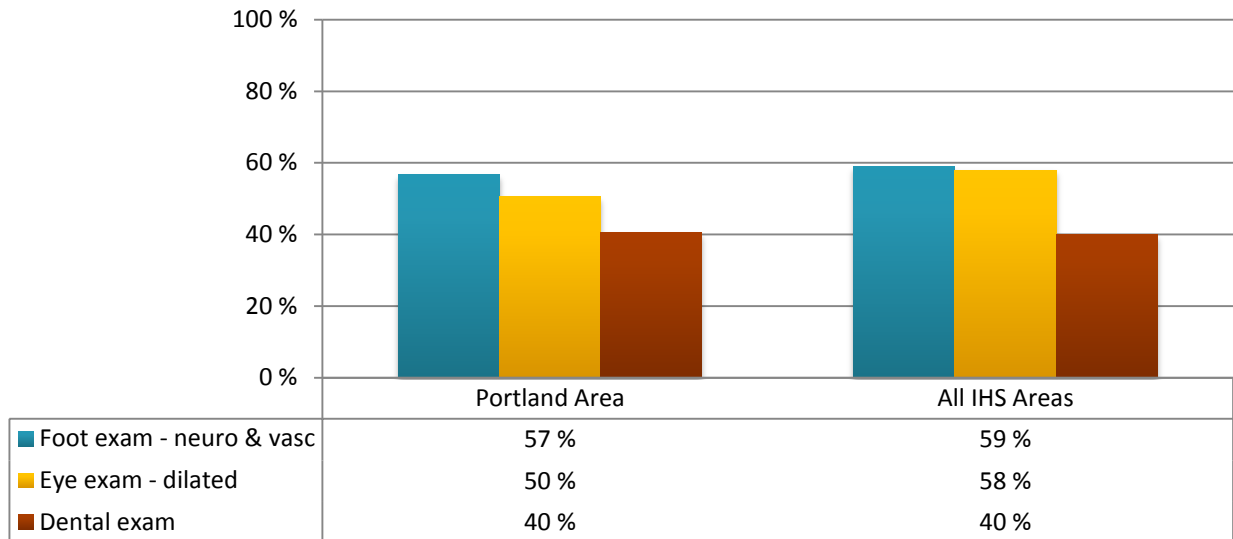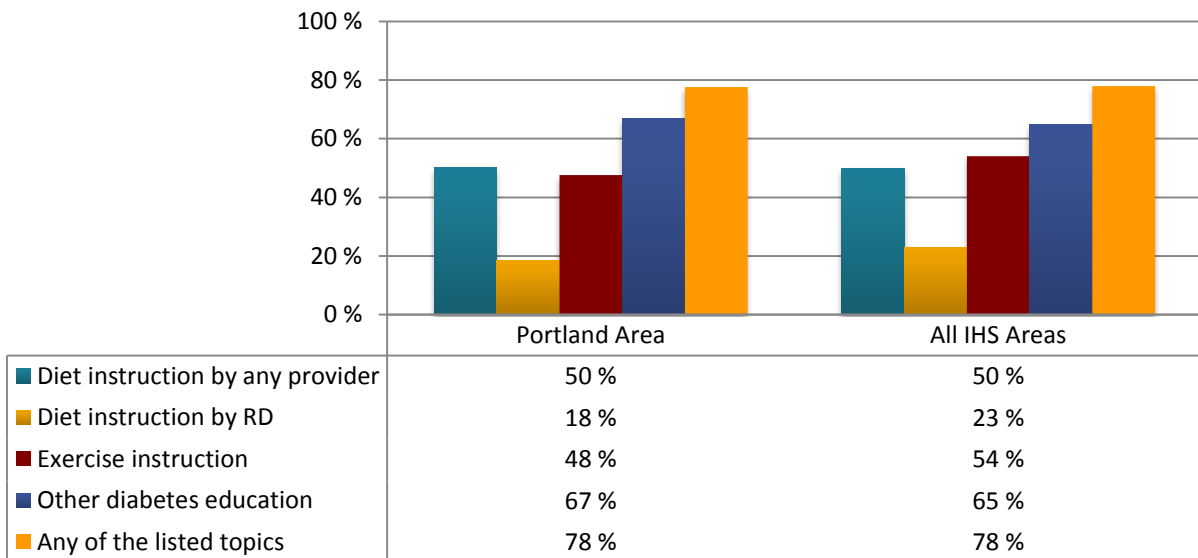| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
6832 sampled from 8004 active patients with diabetes (85%)	115724 sampled from 145611 active patients with diabetes (79%)

Lipid Lowering Agent Prescribed

	Portland Area	All IHS Areas
Single lipid agent	44 %	46 %
Two or more lipid agents	8 %	9 %
None or refused	48 %	45 %

Type of Lipid-Lowering Agent Prescribed

	Portland Area	All IHS Areas
Statin (simvastatin, others)	89 %	90 %
Fibrate (gemfibrozil/Lopid, others)	13 %	12 %
Niacin (Niaspan, OTC niacin)	5 %	3 %
Bile Acid Sequestrant (cholestyramine)	1 %	1 %
Ezetimibe (Zetia)	2 %	5 %
Fish Oil - Rx or OTC	7 %	7 %
Lovaza	2 %	2 %

Northwest Portland Area Indian Health Board

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Yearly Exams

	Portland Area	All IHS Areas
Foot exam - neuro & vasc	57 %	59 %
Eye exam - dilated	50 %	58 %
Dental exam	40 %	40 %

Yearly Diabetes Education

	Portland Area	All IHS Areas
Diet instruction by any provider	50 %	50 %
Diet instruction by RD	18 %	23 %
Exercise instruction	48 %	54 %
Other diabetes education	67 %	65 %
Any of the listed topics	78 %	78 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

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All IHS Areas (n=115724 patients)

115724 sampled from 145611 active patients with diabetes (79%)

Immunizations
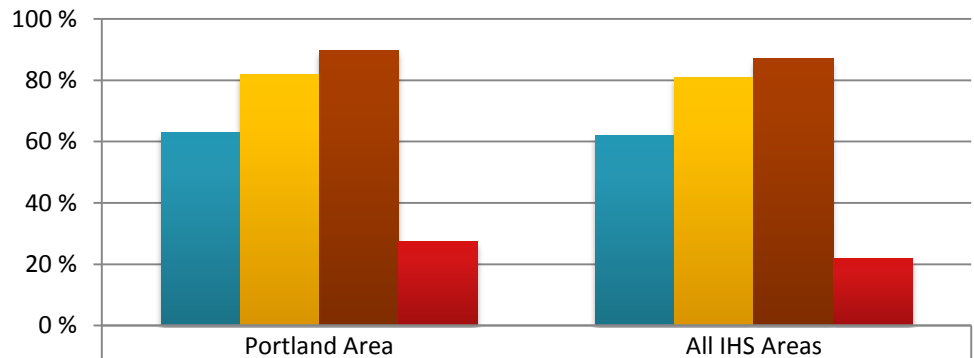
	Portland Area	All IHS Areas
Flu Vaccine - yearly	63 %	62 %
Pneumovax - once	82 %	81 %
Tetanus/Diphtheria (q 10 yrs)	90 %	87 %
Hepatitus B series ever	27 %	22 %

Portland Area
Flu Vaccine refused: 8%
Pneumovax refused: 4%
Tetanus/Diphtheria refused: 3%
Hepatitus B series refused: 2%

All IHS Areas
Flu Vaccine refused: 8%
Pneumovax refused: 3%
Tetanus/Diphtheria refused: 2%
Hepatitus B series refused: 1%

Depression Identified as Active Diagnosis
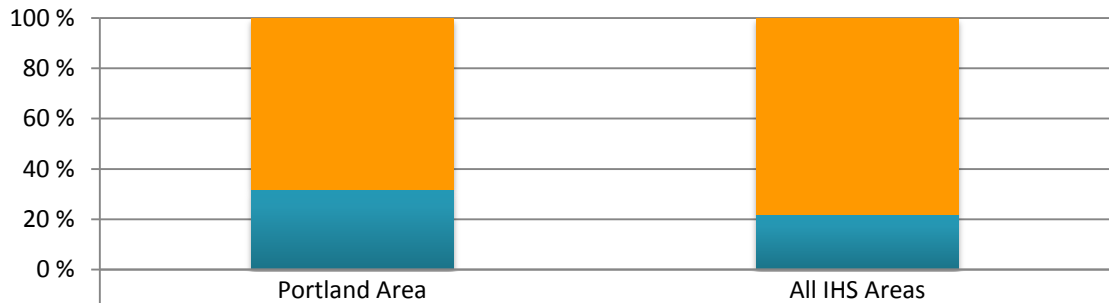
	Portland Area	All IHS Areas
Depression No	68 %	78 %
Depression Yes	32 %	22 %

Northwest Portland Area Indian Health Board

2014 Diabetes Audit: Dates of Service Calendar Year 2013

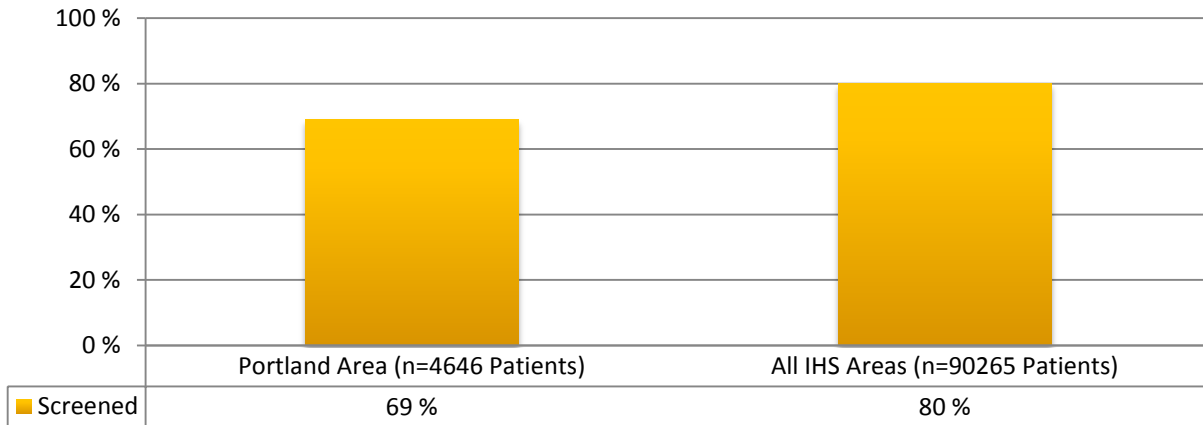**This information is for the following groups:**

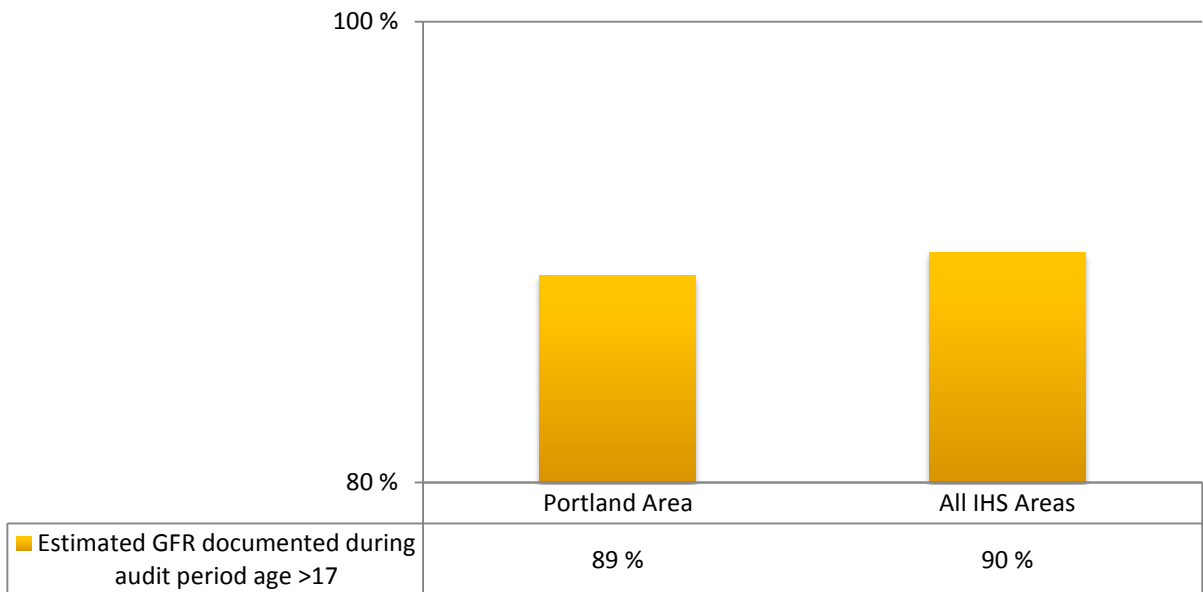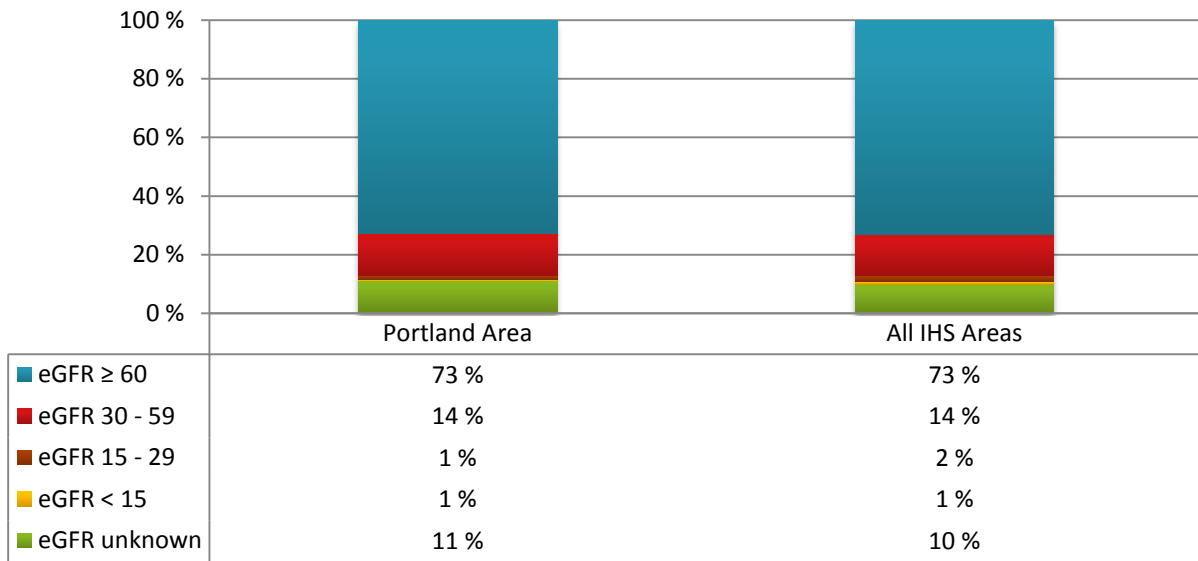| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
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Of Patients Without Active Depression Diagnosis, Proportion Screened for Depression in Past Year

	Portland Area (n=4646 Patients)	All IHS Areas (n=90265 Patients)
■ Screened	69 %	80 %

Estimated GFR Testing

	Portland Area	All IHS Areas
■ Estimated GFR documented during audit period age >17	89 %	90 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

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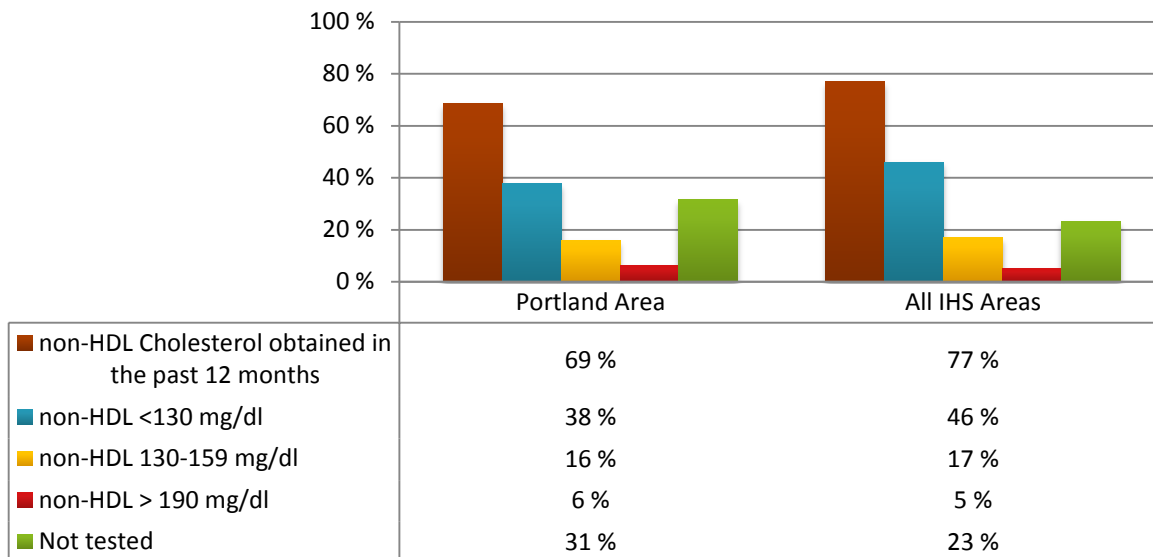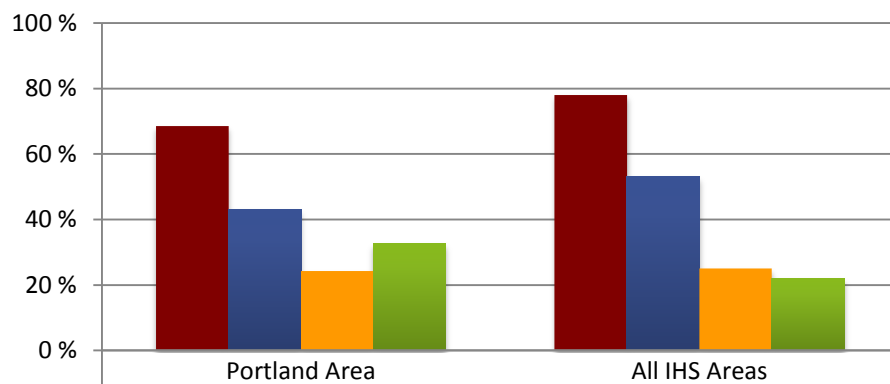| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
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Estimated GFR results

	Portland Area	All IHS Areas
eGFR ≥ 60	73 %	73 %
eGFR 30 - 59	14 %	14 %
eGFR 15 - 29	1 %	2 %
eGFR < 15	1 %	1 %
eGFR unknown	11 %	10 %

Non-HDL Cholesterol

	Portland Area	All IHS Areas
non-HDL Cholesterol obtained in the past 12 months	69 %	77 %
non-HDL <130 mg/dl	38 %	46 %
non-HDL 130-159 mg/dl	16 %	17 %
non-HDL > 190 mg/dl	6 %	5 %
Not tested	31 %	23 %

Northwest Portland Area Indian Health Board

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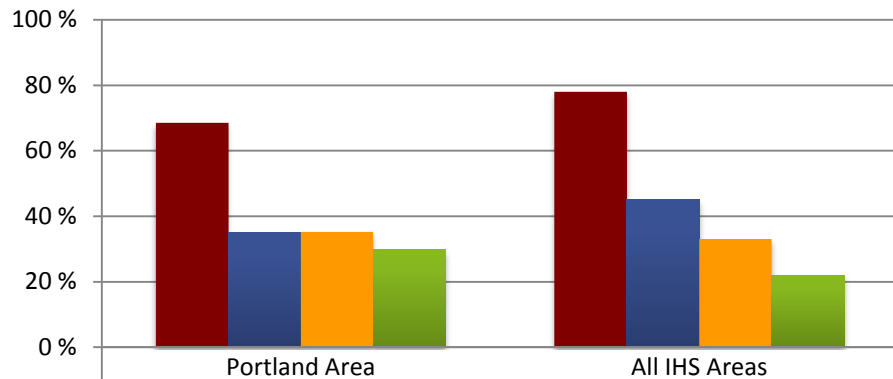**This information is for the following groups:**

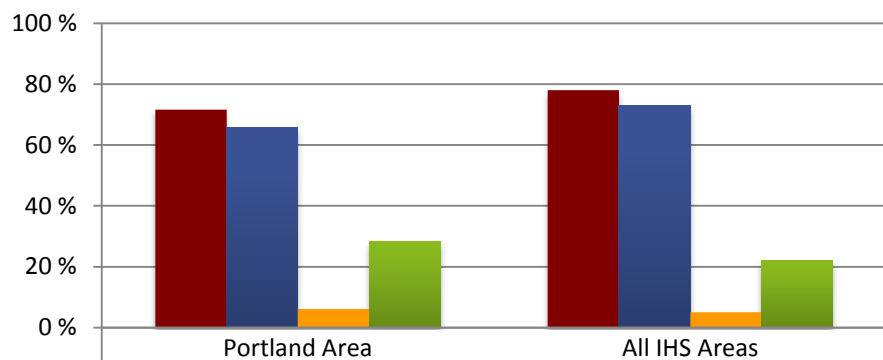| Portland Area (n=6832 patients)	All IHS Areas (n=115724 patients)
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LDL Cholesterol
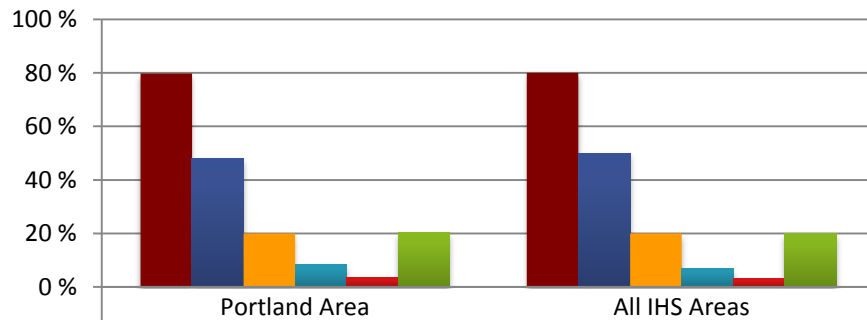
	Portland Area	All IHS Areas
LDL obtained in the past 12 months	80 %	80 %
LDL <100 mg/dl	48 %	50 %
LDL 100-129 mg/dl	20 %	20 %
LDL 130-160 mg/dl	8 %	7 %
LDL >160	3 %	3 %
Not tested	20 %	20 %

HDL Cholesterol Females

	Portland Area	All IHS Areas
HDL obtained in the past 12 months (all patients)	69 %	78 %
HDL ≤ 50 mg/dl	43 %	53 %
HDL > 50 mg/dl	24 %	25 %
HDL not done	33 %	22 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

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HDL Cholesterol Males

	Portland Area	All IHS Areas
HDL obtained in the past 12 months (all patients)	69 %	78 %
HDL ≤ 40 mg/dl	35 %	45 %
HDL > 40 mg/dl	35 %	33 %
HDL not done	30 %	22 %

Triglyceride Distribution

	Portland Area	All IHS Areas
Triglycerides obtained in the past 12 months	72 %	78 %
TG ≤ 400 mg/dl	66 %	73 %
TG >400 mg/dl	6 %	5 %
TG not tested	28 %	22 %

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Urinalysis Performed

	Portland Area	All IHS Areas
■ UA yes	57 %	59 %
■ UA no	43 %	41 %

Type of Urine Protein Testing

	Portland Area	All IHS Areas
■ Urine albumin excretion - Normal <30 mg/g	65 %	62 %
■ 30-300 mg/g	28 %	29 %
■ >300 mg/g	7 %	8 %

2014 Diabetes Audit: Dates of Service Calendar Year 2013

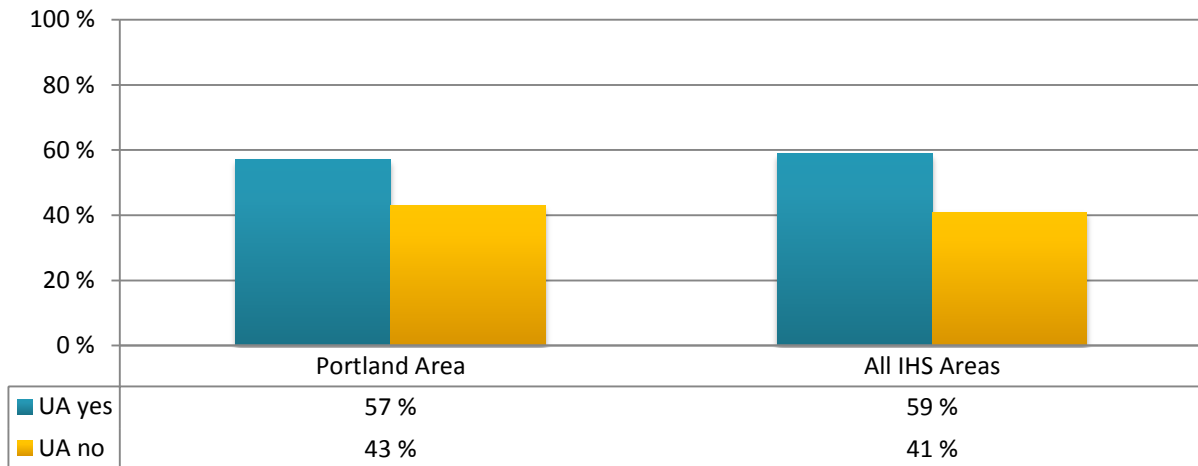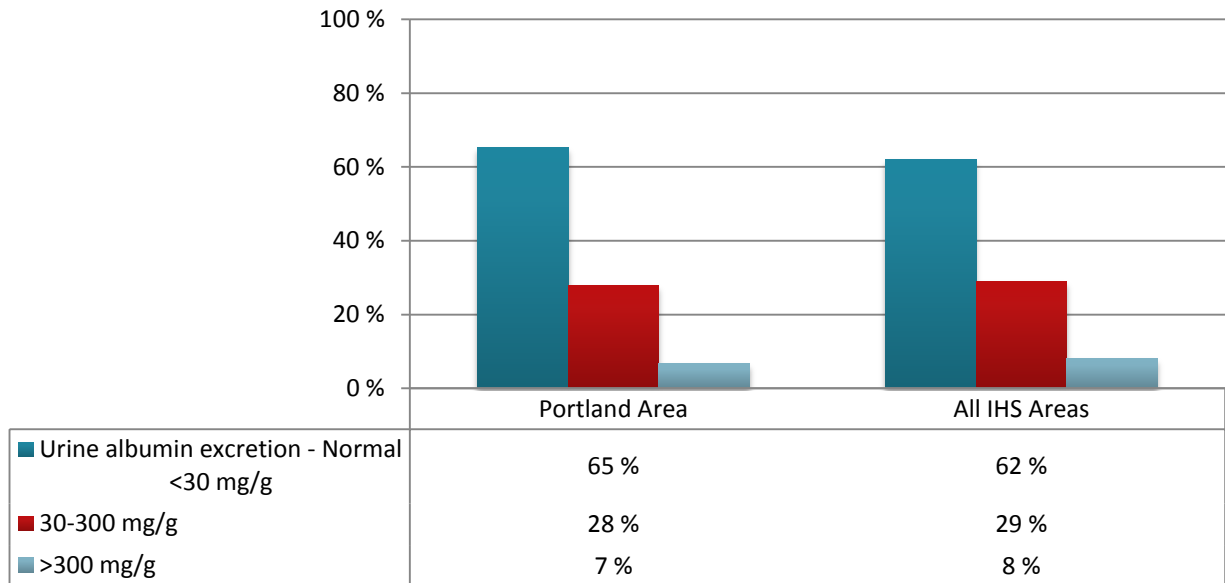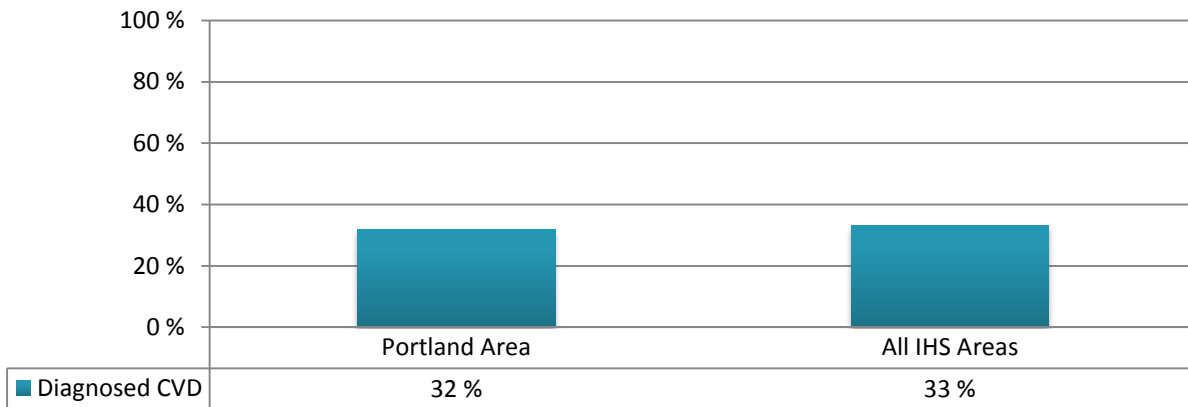**This information is for the following groups:**

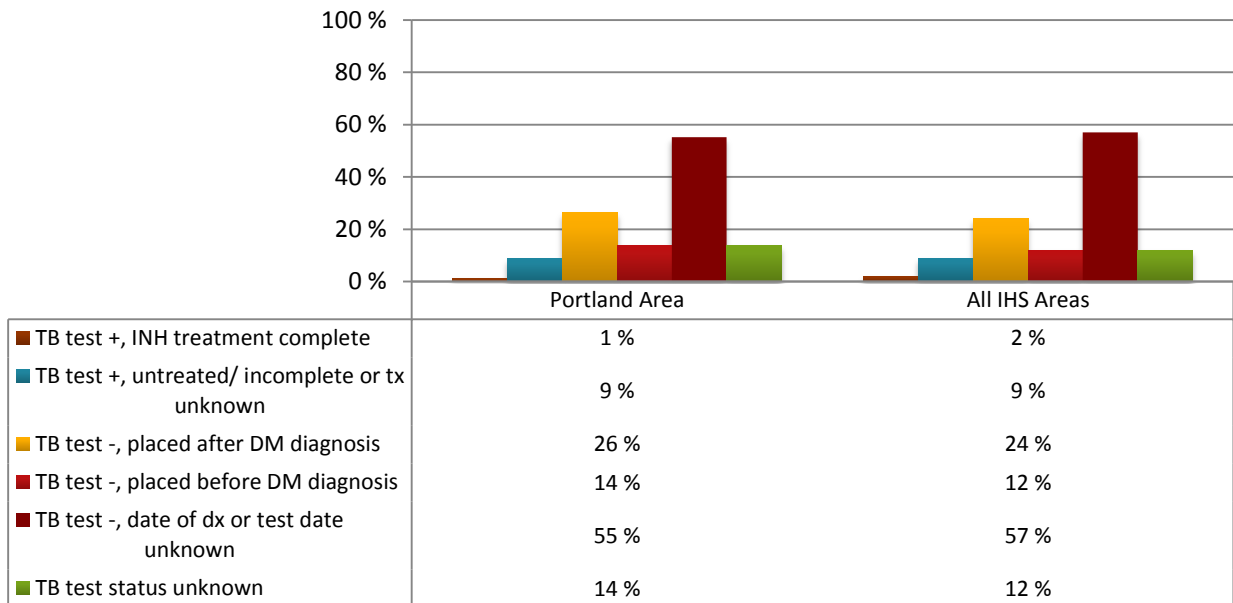**Portland Area (n=6832 patients)**   **All IHS Areas (n=115724 patients)**

6832 sampled from 8004 active patients with diabetes (85%)   115724 sampled from 145611 active patients with diabetes (79%)

Patients diagnosed with CVD

	Portland Area	All IHS Areas
■ Diagnosed CVD	32 %	33 %

Tuberculosis Status

	Portland Area	All IHS Areas
■ TB test +, INH treatment complete	1 %	2 %
■ TB test +, untreated/ incomplete or tx unknown	9 %	9 %
■ TB test -, placed after DM diagnosis	26 %	24 %
■ TB test -, placed before DM diagnosis	14 %	12 %
■ TB test -, date of dx or test date unknown	55 %	57 %
■ TB test status unknown	14 %	12 %

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All IHS Areas (n=115724 patients)

115724 sampled from 145611 active patients with diabetes (79%)

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

	Portland Area	All IHS Areas
Records A1c<8.0, LDL<100, BP<140/<90	22 %	22 %

Records with eGFR and quantitative protein test

	Portland Area	All IHS Areas
Records with eGFR and quantitative protein test	55 %	57 %