Indian Health Service

Division of Diabetes Treatment and Prevention



IHS Diabetes Care and Outcomes Audit Audit 2024 Reports 2/27/2024

Today's Audit Topics

- 1. What are they and how to get them
- 2. Changes for 2024
- 3. Reading reports, including how statistics are calculated
- 4. Reviewing reports and graphs for potential data issues



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Abbreviations

- ADC = Area Diabetes Consultant
- AI/AN = American Indian/Alaska Native
- Audit = IHS Diabetes Care and Outcomes Audit
- **BP =** Best Practice = SDPI Diabetes Best Practice
- **DDTP =** IHS Division of Diabetes Treatment and Prevention
- DMS = RPMS Diabetes Management System
- **GPRA =** Government Performance and Results Act
- **EMR =** Electronic Medical Record (RPMS or other)
- I/T/U = IHS, Tribal, and Urban
- **RKM =** Required Key Measure
- RPMS = IHS Resource and Patient Management System
- **SDPI =** Special Diabetes Program for Indians
- SOS = SDPI Outcomes System



Audit Report Basics





What are Audit Reports (capital R)

- The Audit Report (capital R) provides a basic summary of the data elements in the Audit for *each* year.
- Results are presented as the number and percent of patients who 'meet' each report item. For example, 63% of Audited patients have blood pressure <130/<80.
- Audit Reports can be obtained from the WebAudit or RPMS/DMS and possibly other EMR systems.
 - Results should be the same IF run on the same patients and at the same date and time. Exception: minor differences due to rounding.
 - IHS and Area results are provided on the WebAudit version, once all data are final.



Other Audit reports (lowercase R)

- Other Audit summary reports (lowercase r) for each year are available via the WebAudit and/or RPMS:
 - SDPI Key Measures: WebAudit and RPMS
 - Means: WebAudit only
- Graphs of Audit results over time for selected measures are available via the WebAudit only.
 - Trends Graphs
 - Means Graphs



How to get Audit reports

1. If you *do* have access to the WebAudit and/or RPMS:

- a. WebAudit: https://www.ihs.gov/diabetes/audit/
- b. RPMS: <u>https://www.ihs.gov/diabetes/audit/audit-rpms-dms-information/</u>

2. If you do not have WebAudit or RPMS access:

- a. Request from your facility
- b. Contact your Area Diabetes Consultant

NOTE: WebAudit access is limited to individuals who participate in conducting Audits OR as determined by facility staff. RPMS/DMS access is determined by facility staff.



Audit Report - WebAudit

IHS Diabetes Care and Outcomes Audit - WebAudit DRAFT Audit Report for 2024 (Audit Period 01/01/2023 - 12/31/2023) Facility: Test02 Sample Data

Annual Audit

75 charts were audited from 150 patients determined to be eligible by Test02 Sample Data. Unless otherwise specified, time period for each item is the 12-month Audit Period.

	# of Patients (Numerator)	# Considered (Denominator)	Percent	Area Percent	IHS Percent
Birth Sex					
Male	47	75	63%		
Female	28	75	37%		
Unknown	0	75	0%		
Age					
< 20 years	1	75	1%		
20-44 years	20	75	27%		
45-64 years	32	75	43%		
≥ 65 years	22	75	29%		
Diabetes Type					
Type 1	5	75	7%		
Type 2	70	75	93%		
Duration of Diabetes					
< 1 year	2	75	3%		
< 10 years	48	75	64%		
≥ 10 years	13	75	17%		
Diagnosis date not recorded	14	75	19%		

Indian Health Service Division of Diabetes Treatment and Prevention

First several items from page 1 of 8

Audit Report – RPMS/DMS

LAB	Oct 30), 2023		Page 1
I Audit R Unless otherwise Period	HS Diabetes Care and Outo eport for 2024 (Audit Per Facility: 2021 DEMO Annual 620 patients of specified, time period f	comes Audit - RP riod 01/01/2012 (D HOSPITAL (INST) Audit were audited for each item is	MS Audit to 12/31/2012) the 12-month	2) n Audit
		# of Patients (Numerator)	# Considered (Denominato:	Percent
*** NOTE: 6 Pat date of onset wa	ients were not included i s after the Audit period	in this report be end date.	ecause their	
Birth Sex				
Male		242	620	39%
Female		378	620	61%
Unknown		0	620	0%
Age				
<20 vears		26	62.0	4%
20-44 years		101	620	16%
45-64 years		280	620	45%
N=65 years		213	620	34%
2-05 Years		213	020	510
Diabetes Type				
Type 1		18	620	3%
Type 2		602	620	97%

Indian Health Service Division of Diabetes Treatment and Prevention

First several items

Audit Report – General Info

- Results are presented as the number and percent of patients who 'meet' each report item.
- Items may be reported for:
 - 1. All patients
 - 2. A subgroup of patients: items reported for subgroups are indicated by keywords "In" or "If" (e.g., In patients aged 40-75). Some are also indented.
 - 3. Both of the above
- Order is not the same as the Audit Form.
- Patients with missing values for an item are counted in the denominator for most items.
- There are some changes to Audit Report every year. Some years these are minor, others more extensive.



Audit Report Changes for 2024



Audit Report Changes

- When: Audit Report (capital R) changes are made each year for the Annual Audit.
- Why
 - Currency To align with IHS and other national standards and reports, such as, IHS GPRA measures.
 - Consistency To be consistent with other materials from IHS and the Division of Diabetes.
 - 3. Clarity To facilitate understanding of each item on the report.
 - 4. **Completeness** To provide all the necessary information for interpreting the report items.



Audit Report Changes for 2024

- 1. General: Minor changes to wording for some items.
- 2. Specific items: Details on following slides.
 - a. Changes:
 - i. Gender
 - ii. Tobacco/Nicotine Use
 - iii. Blood Pressure
 - b. Added: SDPI RKM items



Gender







Tobacco/Nicotine Use: Input

2024

2023

cigarettes (e-cigarettes or e-cigs), and e-pipes.

Tobacco/Nicotine Use	Tobacco/Nicotine Use (during Audit period)
Screened for tobaccouse (during Audit period):	Tobacco
□1 Yes	
2 No	Screened for tobacco use:
	L1 Yes
Tobaccouse status (most recent):	□2 No
□1 Current user	
□ 2 Not a current user	
□ 3 Not documented	
	✓ Ll₂ No
Tobaccocessation counseling/education received (during	Tobacco cessation counseling/education received:
Audit period):	
L1 Yes	
Ll 2 No	LI2 NO
Electronic Nicotine Delivery Systems (ENDS)*	► Electronic Nicotine Delivery Systems (ENDS)*
Screened for ENDS use (during Audit period):	Screened for ENDS use:
□1 Yes	
	LI2 NO
ENDS use status (most recent):	►ENDS user:
□1 Current user	T1 Yes
□ 2 Not a current user	
□3 Not documented	
*ENDS include: vapes, vaporizers, vape pens, hookah pens, electronic	*ENDS include: vapes, vaporizers, vape pens, hookah pens, electronic cigarettes (e-cigarettes or e-cigs), and e-pipes which contain nicotine.

Timeframe: Now during Audit period for all (previously use could be prior) Skip pattern: Added for tobacco and ENDS screening

Tobacco/Nicotine Use: Report

2023

Fobacco and Nicotine use			
Fobacco use screening during Audit period			
Screened	64	89	72%
Not screened	25	89	28%
Tobacco use status (most recent)			
Current tobacco user	22	89	25%
In current users, counseled?			
Yes	11	22	50%
No	11	22	50%
Not a current tobacco user	67	89	75%
Tobacco use not documented	0	89	0%
Electronic nicotine delivery system (ENDS) use screeni	ng during Audit perio	d	
Screened	49	89	55%
Not screened	40	89	45%
ENDS use status most recent			
Current ENDS user	0	89	0%
Not a current ENDS user	63	89	71%
ENDS use not documented	26	89	29%
Current user of both tobacco and ENDS	0	89	0%
Current user of tobacco and/or ENDS	22	89	25%

2024

Tobacco and Nicotine Use				
Tobacco use				
Screened	524	578	91%	
If screened, user	93	524	1 8 %	
If user, counseled	85	93	91%	
Electronic nicotine delivery system (ENDS) use				
Screened	331	578	57%	
If screened, user	1	331	0%	
User of both tobacco and ENDS*	1	330	0%	
User of tobacco and/or ENDS*	52	330	16%	
*Excludes patients not screened for both tobacco and ENDS use				



Blood pressure categories: report only

Blood pressure (last 3 during Audit period):
/ mmHg
/mmHg
/mmHg

NOTE: Input remains the same – up to three values per patient. See Instructions and Data File Specifications for details.

Report Changes

Blood Pressure (BP) - Based on one value or mean of two or three values

2023	2024
<140/<90	<130/<80
	130/80 - <140/<90
140/90 - <160/<100	140/90 - <160/<100
160/100 or higher	160/100 or higher
BP category undetermined	BP category undetermined

140/<90





Blood pressure changes: other report sections

Hypertension

Diagnosed ever	Add new item:	
Diagnosed hypertension and mean BP <140/<90 J	<130/<80	
Diagnosed hypertension and ACE inhibitor or ARB currently prescribe	ed 52	68

Chronic Kidney Disease (CKD) (In age ≥ 18 years)

скр ²	Add new item:
CKD ² and mean BP <140/<90	CKD[2] and mean BP <130/<80
CKD ² and ACE inhibitor or ARB currently prescribed	14
CKD ² and GLP-1 receptor agonist current prescribed	tly 4
CKD ² and SGLT-2 inhibitor currently pres	scribed 3

Combined Outcomes Measure

Patients age ≥40 years meeting ALL of the following criteria: A1C <8.0, Statin currently prescribed*, and mean BP <140/<90 *Excludes patients with an allergy, intolerance, or contraindication Replace with: Patients age ≥40 years meeting ALL of the following criteria: A1C <8.0, Statin currently prescribed*, and mean BP <130/<80



Blood pressure/tobacco changes: other report sections (1)

Cardiovascular Disease (CVD)

CVD diagnosed ever	40	89	45%
CVD and mean BP <140/<90 Replace	e with: CVD and mean BP <130)/<80	55%
CVD and not current tobacco user	Replace with: CVD and not tobacco user*		
CVD and aspirin or other	*Excludes patients not screer	ed for	tobacco use
antiplatelet/anticoagulant therapy currently prescribed	26	40	65%
CVD and GLP-1 receptor agonist currently prescribed	7	40	18%
CVD and SGLT-2 inhibitor currently prescribe	d 4	40	10%
CVD and statin currently prescribed* *Excludes patients with an allergy, intolerance, or contraindication	24	38	63%



Blood pressure/tobacco changes: other report sections (2)

Diabetes-Related Conditions (In age ≥ 18 years)

Severely obese (BMI ≥40.0)	14	89	16%	
Hypertension diagnosed ever	68	89	76%	
C urrent tobacco user	22	90	25%	Delete this item
CVD diagnosed ever	40	89	45%	
Retinopathy diagnosed ever	14	89	16%	
Lower extremity amputation ever, any type (e.g., toe, partial foot, above or below knee)	7	89	8%	
Active depression diagnosis during Audit period	I 3	89	3%	
CKD stage 3-5	10	89	11%	
Number of diabetes-related conditions	Remove TOBACCO (current t six items in this section	tobacco user)	from calculat	tion for all
Diabetes only	7	89	8%	
Diabetes plus:				
One	28	80	310%	



Added: two new medications

□7 SGLT-2 inhibitor [bexagliflozin (*Brenzavvy*], canagliflozin (*Invokana*), dapagliflozin (*Farxiga*), empagliflozin (*Jardiance*), ertugliflozin (*Steglatro*), sotagliflozin (*Inpefa*)]



Added: SDPI RKM items (1)

Immunizations		
Influenza vaccine during Audit period	41	89
Pneumococcal vaccine (PCV15, PCV20, or PPSV23) - ever	69	89
Td/Tdap/DTaP/DT - past 10 years	59	89
Tdap - ever	76	89
If not immune, hepatitis B complete series - ever	47	88
Immune - Hepatitis B Add new item:Hepatitis B complete series of	1 ever or immune	89 to hepatitis B
In patients age ≥ 50 years Shingrix/recombinant zoster vaccine (RZV) complete series - ever	25	/0



Added: SDPI RKM items (2)

Fuberculosis (TB) Status		
TB diagnosis documented ever test result ever	r and/or positive 7	
If not diagnosed, TB test done blood test)	ever (skin test or A8 Add new item:	_
If TB diagnosis documented an result, treatment initiated ever	TB test done ever or TB diagnosed e	ver

Hepatitis C (HCV)			
Diagnosed HCV ever	7	89	8
In patients not diagnosed with HCV and age ≥ 18 years, screened ever	Add new item: HCV test done ever or HCV	diagnosed eve	er O



SDPI RKM Report: Blood Pressure Control RKM

Blood Pressure (BP) Control	
BP <140/<90 mmHg (one value or mean of 2 or 3 values)	Replace with: BP <130/<80 mn Hg (one value or mean of 2 or 3 values)



How to read Audit Reports



Audit 2024 Report Header - WebAudit

IHS Diabetes Care and Outcomes Audit - WebAudit DRAFT Audit Report for 2024 (Audit Period 01/01/2023 - 12/31/2023) Facility: Test02 Sample Data

Annual Audit

75 charts were audited from 150 patients determined to be eligible by Test02 Sample Data. Unless otherwise specified, time period for each item is the 12-month Audit Period.

- 2024: Audit "version"
- 01/01/2023-12/31/2023: Audit (time) period for which data are reviewed
- Annual (vs. Interim) Audit
- Number of patients included out of how many eligible



Example 1: One response – Foot exam

Audit Form – page 1

Version: 7/24/2023

IHS Diabetes Care and Outcomes Audit, 2024				
NOTE: It is highly recommended that you review the <u>Audit 2024 Instructions</u> prior to conducting an Audit.				
Audit Period Ending Date: 12 / 31 / 2023	Examinations (during Audit period)			
Facility Name:	Foot (comprehensive or "complete", including evaluation of sensation and vascular status):			
Reviewer initials:	□1 Yes			
State of residence:	D2 NO			
Month/Year of Birth:/	Eye (dilated exam or retinal imaging):			
Birth Sex: 🗆 1 Male				
Eremale	Destal			
Unknown	Dental.			
Date of Diabetes Diagnosis://	□z No			
DM Type: D1 Type 1	Depression			
□z Type 2	Screened for depression (during Audit period):			
Tobacco/Nicotine Use (during Audit period)				
Tobacco	Depression on active diagnostic (during Audit period):			
Screened for tobacco use:	□1 Yes			
	□z No			
	Education (during Audit period)			
Tobacco user:	Nutrition:			
	Both RD and Other			
Tobacco cessation counseling/education received:	Li4 None			
	Physical activity:			
2110				
Electronic Nicotine Delivery Systems (ENDS)*	Other diabetes:			
The second secon	□1 Yes			
	□z No			
ENDS user:	Diabetes Therapy			
□1 Yes	Select all prescribed (as of the end of the Audit period):			
	□1 None of the following			
*ENDS include: vapes, vaporizers, vape pens, hookah pens, electronic				
cigarettes (e-cigarettes or e-cigs), and e-pipes which contain nicotine.	Lis Wettormin (Gucophage, others)			
Vital Statistics	DPP-4 inhibitor (atostistis (Atostist), investistis (Teodiante)			
Height (last ever): ft in	saxagliptin (Ongiyaa), sitagliptin (Januvia)]			
Weight (last in Audit period): lbs	Lie GLP-1 receptor agonist (dulaglutide (Trulicity), exensitide (Byetta, Bydureon), liraglutide (Victoza, Saxenda), lixisensitide (Adlyxin),			
Hypertension (documented diagnosis ever):	semeglutide (Gzempic, Rybelsus, Wegovy)]			
□1 Yes	dapacificain (Farxiaa), empacificain (Jardiance), etucificain			
	(Stegiatro), sotagliflozin (Inpejo])			
Blood pressure (last 3 during Audit period):	Lis Plogittazone (Actor) or rosigittazone (Avondio)			
	Les Acarboro (Secondoro)			
/mmHg	The page index provide or nated index remain			
/ mmHg	Pramlintide (Symbol			
	13 Bromocriptine (Cycloset)			
	14 Colesevelam [Welchol]			
	CONTINUED ON PAGE 2. Be sure to complete both pages for			
	all Audited patients.			

Audit Report – page 4

	_						
HE D blabetes Cara and Outcomes Audit - WebAudit DRAFT Audit Report 2024 (Audit Beriot 03/03/2023 12/31/2023) Facility: rest02 Sample Data3 - 12/31/2023 Annual Audit							
75 charts were audited from 150 patients determined to	he elicible by Te	t02 Samole Dat					
Unless otherwise specified, time period for each iter	n is the 12-mont	h Audit Period.					
	# of Patients (Numerator)	# Considered (Denominator)	Percent	Area IHS Percent Percent			
Statin Prescribed (continued)							
In patients with diagnosed CVD and/or age 40-75 years							
Yes*	32	58	55%				
Allergy, intolerance, or contraindication	1	59	2%				
*Excludes patients with an allergy, intolerance, or contraindication							
Cardiovascular Disease (CVD)							
CVD diagnosed ever	16	75	21%				
CVD and mean BP <130/<80	5	16	31%				
CVD and not current tobacco user*		15	73%				
*Excludes patients not screened for tobacco use		15	, 3%				
CVD and aspirin or other antiplatelet/anticoagulant therapy currently prescribed	9	16	56%				
CVD and GLP-1 receptor agonist currently prescribed	4	16	25%				
CVD and SGLT-2 inhibitor currently prescribed	3	16	19%				
CVD and statin currently prescribed* *Excludes patients with an allergy, intolerance, or contraindication	13	16	81%				
Retinopathy							
Diagnosed ever	9	75	12%				
Lower Extremity Amputation							
Any type ever (e.g., toe, partial foot, above or below knee)	2	75	3%	-			
Frams							
Exams Foot exam - comprehensive	25	75	33%				
Exams Foot exam - comprehensive tye exam - dilated exam or retinal imaging	25 30	75	33%				
Exams Foot exam - comprehensive Eye exam - dilated exam or recinal imaging Dental exam	25 30 20	75 75 75	33% 40% 27%				
Exams Foot exam - comprehensive Eye exam - austed exam o record imaging Dental exam Diabetas-Related Education	25 30 20	75 75 75	33% 40% 27%				
Ezams Foot exam - comprehensive Eye exam - cuases exam or recrar imaging Dental exam Diabetee-Rulated Education Nucrition - ty-any provider (RD and/or other)	25 30 20 23	75 75 75 75	33% 40% 27% 31%				
Exams Foot exam - comprehensive Eye exam - comprehensive Detail exam Diabeter Analisted Education Nutrition - by any provider (RD and/or other) Nutrition - by RD	25 30 20 23 7	75 75 75 75 75	33% 40% 27% 31% 9%				
Exams Foot exam - comprehensive Ever exam - comprehensive Ever exam - comprehensive Destel exam Diabetes-Related Education Nurtition - by any provider (RD and/or other) Nurtition - by RD Physical activity	25 30 20 23 7 47	75 75 75 75 75 75 75	33% 40% 27% 31% 9% 63%				
Ezams Foot exam - comprehensive Eye exam - or exprehensive Dental exam Diabeter-Rulated Education Nutrition - by provider (RD and/or other) Nutrition - by RD Physical activity Other diabetes education	25 30 20 23 7 47 23	75 75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 9% 63% 31%				
Exams Foctexan - comprehensive Ever exam - comprehensive Ever exam - comprehensive Dental exam Deated exam Diabetes-Related Education Nutrition - by App provider (RD and/or other) Nutrition - by App Physical activity Other diabetes education	25 30 20 23 7 47 23 23	75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31%				
Exams Foot exam - outgreehensive Ever exam - outgreehensive Ever exam - outgreehensive Ever exam - outgreehensive Diabetes-Related Education Nurtiton - by any provider (RD and/or other) Nurtiton - by RD Physical activity Other diabetes education Any of above	25 30 20 23 7 47 23 52	75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 9% 63% 31% 69%				
Ezams Foot exam - comprehensive Eye exam - comprehensive Detectal exam or recrar imaging Detectal exam Nutrition - by any provider (RD and/or other) Nutrition - by RD Physical activity Other diabeties education Any of above	25 30 20 23 7 47 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Exame Foot exam - dialase exam or recisal imaging See exam - dialase exam or recisal imaging Dental exam Diabetes-Related Education Nutrition - by RD Physical activity Physical activity Other diabetes education	25 30 20 23 7 47 23 52	75 75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Exams Foot exam - comprehensive Use Exam - comprehensive Use Exam - comprehensive Deather - Related Education Nutrition - by any provider (RD and/or other) Nutrition - by RD Physical activity Other diabetes education Any of above	25 30 20 23 7 7 47 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Ezams Foot exam - comprehensive Use exam - comprehensive Use exam - comprehensive Dental exam Diabetes-Rulated Education Nucrition - by RD Physical activity Other diabetes education Any of above	25 30 20 23 7 7 47 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Exams Foot exam - outgreehensive Ever exam - outgreehensive Ever exam - outgreehensive Diabetes-Related Education Nurtition - by any provide (KD and/or other) Nurtition - by RD Physical activity Other diabetes education Any of above	25 30 20 23 7 47 23 23 52	75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Ezams Foot exam - comprehensive Eye exam - comprehensive Detate exam or recrain imaging Detates-Raisted Education Nutrition - by any provider (RD and/or other) Nutrition - by RD Physical activity Other diabeties education Any of above	25 30 20 23 7 47 23 52	75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Exame Foot exam - comprehensive Syst exam - comprehensive Event - comprehensive Debates-realest Education Nutrition - by RD Physical activity Other diabetes education - Any of above	25 30 20 23 7 47 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Ezans Foot scam - ousgenehensive Eye scam - ousgenehensive Deabetes-Related Education Nutrition - by any provide (RD and/or other) Nutrition - by RD Physical activity Other diabetes education Any of above	25 30 20 23 7 47 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%				
Ezams Foctean - comprehensive Exercan - comprehensive Dental exam Debate-Related Education Nutrition - by RD Nutrition - by RD Physical activity Other diabetes education Any of above	25 30 20 23 7 47 23 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 63% 69%				
Exame Foot exam - comprehensive Ever exam - comprehensive Ever exam - comprehensive Ever exam - comprehensive Diabetee-Related Education Nurtition - by any provide (RD and/or other) Nurtition - by RD Physical activity Other diabetes education Any of above Date nur: 02/12/2024	25 30 20 23 7 7 47 23 52	75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31%	Page 4 of 5			
Ezans Foot exam - ousprehensive Eye exam - ousprehensive Eye exam - ousprehensive Diabetes-Ralated Education Nutrition - by any provider (RD and/or other) Nutrition - by any provider (RD and/or other) Physical activity Other diabetes education Any of above Deter run: 02/12/2024	25 30 20 23 7 47 7 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 63%	Page 4 of 8			
Exame Foot exam - comprehensive Sep etcam - comprehensive Sep etcam - comprehensive Denter - Balace Education Mutrition - by RD Physical activity Other diabetes education Any of above Deter run: 02/12/2024	25 30 23 23 47 23 23 52 52	75 75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 63%	Page 4 of 8			
Ezans Foot exam - comprehensive Eye exam - classe exam or retriar imaging Dental exam Disbetes-Related Education Nurthon - by RD Physical activity Other diabetes education Any of above Deter nur: 02/12/2024	25 30 20 7 47 23 52	75 75 75 75 75 75 75 75	33% 40% 27% 31% 63% 31% 69%	Page 4 of 8			

Examinations (during Audit period)

Foot (comprehensive or "complete", including evaluation of sensation and vascular status):



Page 1 of 2

Exams

Foot exam - comprehensive

75 33%



2 No

Indian Health Service Division of Diabetes Treatment and Prevention



25

Example 1 continued – Foot exam



Percent calculation for <u>foot exams</u>:



Numerator = 25 = number of patients Audited that had a foot exam Denominator = 75 = number of patients Audited

• All patients either had a foot exam documented or not.



Example 2: Number put in a category – A1C

Audit Form – page 2

	PAGE 2		
	ACE Inhibitor or APB	Hepatitis C (HCV)	
	Prescribed (as of the end of the Audit period):	HCV diagnosed (ever):	
	□1 Yes		
	D2 No	If not diagnosed with HCV, screened at least once (ever):	
	Commonly prescribed medications include:	□ 1 Yes	
	ACE inhibitors: benazepni, captopni, enalapni, fosinopni, isinopni, ramipni ARBs: candesartan, irbesartan, iosartan, olmesartan, teimisartan, valsartan	□z No	
	Aspirin or Other Antiplatelet/Anticoagulant Therapy	Retinopathy	
	Prescribed (as of the end of the Audit period):	Diagnosed (ever):	
	🗆 1 Yes	□1 Yes	
	2 No		
	Commonly prescribed medications include:	I over extremity (ever) any type (e.g. toe partial foot above	
	<u>Anticoaruiants,</u> apixaoan (Evquis), obolgatran (Fradaxa), edoxaoan (Savaysa), enoxaparin (Lovenox), rivaroxaban (Xareito), warfarin (Cournadin)	or below knee):	
	Antiplatelets: aspirin, aspirin/dipyridamole (Aggranox), cilostazol (Platol), clopidogrel (Plavix), prasugrel (Effient), ticagrelor (Britinta)	□1 Yes	
	Statin Therany		
	Prescribed (as of the end of the Audit period);	Immunizations	
	Di Yes		
		□2 No	
	LI3 Allergy/intolerance/contraindication	Pneumococcal [PCV15, PCV20, or PPSV23] (ever):	
	Commonly prescribed medications include: atorvastatin, fluvastatin, lovastatin, pitavastatin, pravastatin, rosuvastatin, simvastatin		
	Cardiovascular Disease (CVD)	Tri Trian DTaP or DT (in past 10 years):	
	Diagnosed (ever):	Di Yes	
	□1 Yes		
	D2 No	Tdap (ever):	
	Tuberculosis (TB)		
	TB diagnosis (latent or active) documented (ever):	Hepatitis B complete series (ever):	
	Yes	□1 Yes	
	TB test done (most recent):	Shingriy/recombinant zoster varcine (PZV) complete series	
	2 Blood test (QFT-GIT, T-SPOT)	(ever):	
	□ 3 No test documented	D1 Yes	
	TB test result:		
	D1 Positive	Laboratory Data (most recent result during Audit period)	
	Liz Negative Iz No result documented	A1C:%	
	If TB diagnosed and/or test result positive treatment initiated	A1C Date obtained://	
	(e.g., isoniazid, rifampin, rifapentine, others):	HDL Cholesterol: mg/dL	
	🗆 1 Yes	IDI Cholesterol: mg/dl	
		Triglycerides: mg/dL	
	Lis onknown	Serum Creatinine:	
	- In to result degative, test date:	eGFR:mL/min/1.73 m ²	
	Date://	UACR*: mg/g ("Quantitative urine albumin-to-	
		creatinine ratio)	
		Local Questions [Optional]	
		Select one:	
	Version: 7/24/2022	Text:	
	version: //24/2025	Page 2 or 2	
Laborer	have Date (mark as set as	المحادية بالمناه ومناسباته والمناه	
Labora	tory Data (most recent re	esuit during Audit period)	
		,	-
44.0			
AIC:	%	b	

Audit Report – page 1

IHS Diabetes Care and Outcomes Audit - WebAudit DRAFT Audit Report for 2024 (Audit Period 01/01/2023 - 12/31/2

		Facility: Tes	tuz sample Data					
	75 charts v	were audited from 150 patients d	etermined to be elicible by Te	st02 Sample Dat				
	Unles	is otherwise specified, time period	for each item is the 12-mon	th Audit Period.				
			a of Bollowice					
			(Numerator)	(Denominator)	Percent	Percent	Percent	
Bir	th Sex							
	Male		47	75	63%			
	Female		28	75	37%			
	Unknown		0	75	0%			
Ag	•							
	< 20 years		1	75	1%			
	20-44 years		20	75	27%			
	45-64 years		32	75	43%			
	≥ 65 years		22	75	29%			
Dia	ibetes Type							
	Type 1		5	75	7%			
_	Type 2		70	75	93%			
Du	ration of Diabetes							
	< 1 year		2	75	3%			
	< 10 years		48	75	64%			
	≥ 10 years		13	75	17%			
-	Diagnosis date not recorded		14	75	19%			
Bo	dy Mass Index (BMI) Cate	jory						
	Normal (BMI < 25.0)		9	75	12%			
	Overweight (BMI 25.0-29.9)		17	75	23%			
	Obese (BMI ≥ 30.0)		40	75	53%			
_	Height or weight missing		9	75	12%			
	Severely obece (BMI > 40.0)		6	75	8%			
Blo	ood Sugar Control							
	A1C < 7.0		28	75	37%			
	A1C 7.0-7.9		14	75	19%			
	A1C 8.0-8.9		8	75	11%			
	A1C 9.0-9.9		7	75	9%			
	A1C 10.0-10.9		1	75	1%			
	A1C ≥ 11.0		4	75	5%			
	Not tested or no valid result		13	75	17%			
_	A1C < 8.0		47	75	56%	1		
	A1C > 9.0		42	75	16%	1		
	rate - PW		12	/5	10.70	1		
-								
Dat	te run: 02/12/2024					Pa	e 1 of 8	
_								
bd	Sugar Control							
A10	C < 7.0							
A1(C 7.0-7.9							

75 37% 75 19% 11% 75 A1C 8.0-8.9 A1C 9.0-9.9 75 9% A1C 10.0-10.9 75 1% A1C ≥ 11.0 75 **5%** Not tested or no valid result 13 75 17% A1C < 8.0 42 75 **56%** A1C > 9.0 12 75 16%



Example 2 continued – A1C

	(Numerator)	(Denominator)	Percent
Blood Sugar Control			
A1C < 7.0	28	75	37%
A1C 7.0-7.9	14	75	19%
A1C 8.0-8.9	8	75	11%
A1C 9.0-9.9	7	75	9%
A1C 10.0-10.9	1	75	1%
$A1C \ge 11.0$	4	75	5%
Not tested or no valid result	13	75	17%
A1C < 8.0	42	75	56%
A1C > 9.0	12	75	16%

• Percent calculation for A1C<7.0:

28 / 75 = 0.37 0.37*100 = 37%

Numerator = 28 = number of patients Audited with A1C<7.0 Denominator = 75 = number of patients Audited • Notes:

of Patients

 All patients counted in one main category and can also be in <8.0 or >9.0

Considered

- Sum of Percent for all main categories = 100%
- Important to individualize A1C goals



Example 3: Skip pattern – Tobacco Use

Audit Form – page 1

Version

IHS Diabetes Care	and Outcomes Audit, 2024
NOTE: It is highly recommended that you review the <u>Audit 202</u>	4 Instructions prior to conducting a
Audit Period Ending Date: <u>12 / 31 / 2023</u>	Examinations (during A
Facility Name:	Foot (comprehensive or sensation and vascular s
Reviewer initials:	
State of residence:	Z NO
Month View of Birth:	Eve (dilated exam or ret
nich con Di Mala	D1 Yes
Birth Sex: L1 Male	2 No
	Dental:
	🗆 1 Yes
Date of Diabetes Diagnosis://	□2 NO
DM Type: D1 Type 1	Depression
Liz Type 2	Screened for depression
Tobacco/Nicotine Use (during Audit period)	
Tobacco	
Screened for tobacco use:	The second secon
I Yes	2 NO
	Education (during Audit
Tobacco user:	Education (during Addit
□1 Yes	
	2 Other
Tobacco cessation counseling/education received:	4 None
□1 Yes	Physical activity:
2 No	D1 Yes
	Z NO
Electronic Nicotine Delivery Systems (ENDS)*	Other diabetes:
Screened for Enros use.	🗆 1 Yes
	2 No
	Diabetes Therapy
-PENDS USER:	Select all prescribed (as
	T None of the follow
*ENDS include: vapes, vaporizers, vape pens, hookah pens, electronic	
cigarettes (e-cigarettes or e-cigs), and e-pipes which contain nicotine.	
Vital Statistics	- DRP-4 inhibitor (a)
Height (last ever): ft in	saxagliptin (Onglyza),
Weight /last in Audit period): Ibr	□6 GLP-1 receptor ag
weight (last in Audit period) los	Bydureon), liraglutide
Hypertension (documented diagnosis ever):	
	dapagliflozin (Farxiga
	(Stegiatro), sotaglifio
Blood pressure (last 3 during Audit period):	S Pioglitazone [Actos]
/mmHg	Tirzepatide [Mounic
/mmHg	10 Acarbose [Pracose]
/ mmHg	LI11 Repaglinide (Prano
	Luiz Pramlintide [Symti
	Lis Bromocriptine (c)
	14 Colesevelam [Wei
	CONTINUED ON PAGE 2
	all Audited patients.
Version: 7/24/2023	1

Examinations (during Audit period) Teol (comprehensive or "complete", including eva Li Yes Li Yes Li No Periodicate deam or retinal imaging): Li Yes Li No Dental: Li Yes Li	aluation of
Foot (comprehensive or "complete", including eva estaction and vacuum : status): IN Ves Ves Ves No Dental: No	aluation of
Sensation and vacuum status): Uses	
D. No D. No D. Yes D. Yes D. Yes D. Yes D. No Depression Screene for depression (during Audit period): D. Yes D. Yes	
Cyc (direct exam or retinal imaging):	
Li Yes D: No Depression Screened for depression (during Audit period): Li Yes Li Xes Depression	
□ 2 No Dental: □ 1 Yes □ 2 No Depression Screened for depression (during Audit period): □ 1 Yes	
Dental: Di Yes 2 No Depression Screened for depression (during Audit period): Di Yes	
□t Yes □ 2 No Depression Screened for depression (during Audit period): □ 1 Yes	
D2 No Depression Screened for depression (during Audit period): L Yes	
Depression Screened for depression (during Audit period):	
Screened for depression (during Audit period):	
LI2 NO	
Depression an active diagnosis (during Audit perio	ud):
□1 Yes	
Education (during Audit period)	
Nutrition:	
Both RD and Other	
Physical activity:	
□1 Yes	
2 NO	
Other diabetes:	
🗆 1 Yes	
□2 No	
Diabetes Therapy	
Select all prescribed (as of the end of the Audit pe	riod):
□1 None of the following	
Metformin [Glucophage, others]	
4 Sulfonvlurea (gipizide, glyburide, glimepiride)	
S DPP-4 inhibitor (alogliptin (Nesina), linagliptin (Tra	djenta),
saxagliptin (Ongiyza), sitagliptin (Januvia)]	· · ·
GLP-1 receptor agonist [dulaglutide (Trulicity], ex	enatide (Byet
Bydureon), liraglutide (Victoza, Saxenda), lixisenatide semarkitide (Cramaic, Rybelaur, Wannyd)	(Adlyxin),
Tr SGLT-2 inhibitor (bexactification (Brenzovy), canactif	flozin (<i>Invoka</i> r
dapagliflozin (Farxiga), empagliflozin (Jardiance), ertu	gliflozin
(Steglatro), sotagliflozin (Inpefa]]	
De Tissenstide (Acces) of Posiginazone (Accesia)	
Contractione (mountario)	
Lito Acarbose (Precose) of migitol (Gyset)	
Lin Repagnitude (Pronoin) of nategnitude (Storing)	
C114 COLESEVERAIN [WWC/20/]	
CONTINUED ON PAGE 2. Be sure to complete bot	th pages fo

Audit Report – page 2

	(Numerator)	(Denominator)	Percent	Percent	Perce
Blood Pressure (BP) - Based on one value or mean of two or three	values				
<130/<80	18	75	24%		
130/80 - <140/<90	34	75	45%		
140/90 - <160/<100	14	75	19%		
160/100 or higher	3	75	4%		
BP category undetermined	6	75	8%		
<140/<90	52	75	69%		
Hypertension					
Diagnosed ever	49	75	65%		
Diagnosed hypertension and mean BP <130/<80	10	49	20%		
Diagnosed hypertension and mean BP <140/<90	31	49	63%		
Diagnosed hypertension and ACE inhibitor or ARB currently prescribed	34	49	69%		
Tobacco and Nicotine Use					
Tobacco use					
Screened	66	75	88%		
If screened, user	18	66	27%		
If user, counseled	17	18	94%		
Electronic nicotine delivery system (ENDS) use					
Screened	41	75	55%		
If screened, user	1	41	2%		
User of both tobacco and ENDS*	0	41	0%		
User of tobacco and/or ENDS*	11	41	27%		
*Excludes patients not screened for both tobacco and ENDS use					



Tobacco and Nicotine Use

Date run: 02/12/2024

Tobacco use			
Screened	66	75	88%
If screened, user	18	66	27%
If user, counseled	17	18	94%

Page 2 of 8





				# of Patients (Numerator)	# Considered (Denominator)	Percent
	Tobacco and Nico	tine Use				
	Tobacco use					
	Screened			66	75	88%
	If screened, u	ser		18	66	27%
	If user, cou	nseled		17	18	94%
Screened		If screened, user	lf user,	counseled		
66 / 75 = 0.88 0.88*100 = 88%		18 / 66 = 0.27 0.27*100 = 27%	17 / 1 0.94*1	8 = 0.94 00 = 94%		
Numerator = 66 = nur Audited that were Scr	mber of patients reened	Numerator = 18 = number of patients Audited that were Screened and are Users	Numer Audite Users a	ator = 17 = r d that were and were Co	number of pa Screened an unseled	atients d are
Denominator = 75 = 1 Audited	number patients	Denominator = 66 = number patients Audited that were Screened	Denom Audite Users	ninator = 18 d that were	= number o Screened an	f patients d are
		Indian Uselth Continue Districtory	-f Distant	T	1 D	





Screened

66 / 75 = 0.88 0.88*100 = 88%

Numerator = 66 = number of patients Audited that were Screened

Denominator = 75 = number patients Audited

If screened, user

18 / 66 = 0.27 0.27*100 = 27%

Numerator = 18 = number of patients Audited that were Screened **and** are Users

Denominator = 66 = number patients Audited that were Screened

If user, counseled

17 / 18 = 0.94 0.94*100 = 94%

Numerator = 17 = number of patients Audited that were Screened **and** are Users **and** were Counseled

Denominator = 18 = number of patients Audited that were Screened **and** are Users





			# of Patients # Considered (Numerator) (Denominator) Perce	ent
	Tobacco and Nicotin	e Use		
	Tobacco use			
	Screened		66 75 88%	
	If screened, user		18 66 27%	
	If user, counse	led	17 18 94%	
Screened		If screened, user	If user, counseled	
66 / 75 = 0.88 0.88*100 = 88%		18 / 66 = 0.27 0.27*100 = 27%	17/18=0.94 0.94*100=94%	
Numerator = 66 = n Audited that were \$	number of patients Screened	Numerator = 18 = number of patients Audited that were Screened and are Users	Numerator = 17 = number of pati Audited that were Screened and a Users and were Counseled	ent are
Denominator = 75 Audited	= number patients	Denominator = 66 = number patients Audited that were Screened	Denominator = 18 number of p Audited that were Screened and a Users	ati are

Example 4: All that apply – DM Therapy

Audit Form – page 1

IHS Diabetes Care and Outcomes Audit, 2024

NOTE: It is highly recommended that you review the <u>Audit 2024 Instructions</u> prior to conducting an Audit.

Audit Period Ending Date: 12 / 31 / 2023 Facility Name: Reviewer initials: State of residence: Month/Year of Birth: Birth Sex: 🗆 1 Male Iz Female □ 3 Unknown Date of Diabetes Diagnosis: ____/_ DM Type: 1 Type 1 2 Type 2 Tobacco/Nicotine Use (during Audit period) Tobacco Screened for tobacco use: - 🗆 1 Yes - Iz No Tobacco user 1 Yes - 🗆 z No Tobacco cessation counseling/education received: 1 Yes 2 No Electronic Nicotine Delivery Systems (ENDS)* Screened for ENDS use —🗆 1 Yes 2 No ENDS user 🗆 1 Yes 🗆 z No *ENDS include: vapes, vaporizers, vape pens, hookah pens, electronic cigarettes (e-cigarettes or e-cigs), and e-pipes which contain nicotine. Vital Statistics Height (last ever): _____ ft _____ in Weight (last in Audit period): lbs Hypertension (documented diagnosis ever): □1 Yes 2 No Blood pressure (last 3 during Audit period): mmHg mmHg mmHg Version: 7/24/2023

Examinations (during Audit period) Foot (comprehensive or "complete", including evaluation of sensation and vascular status); 🗆 1 Yes 2 No Eye (dilated exam or retinal imaging): 🗆 1 Yes 2 No Dental: TI Ves 2 No Depression Screened for depression (during Audit period) 🗆 1 Yes 2 No Depression an active diagnosis (during Audit period) D1 Yes 2 No Education (during Audit period) Nutrition: □1 RD 3 Both RD and Other 2 Other 4 None Physical activity: □1 Yes 2 No Other diabetes 🗆 1 Yes 2 No Diabetes Therapy Select all prescribed (as of the end of the Audit period): □1 None of the following 🗆 2 Insulin □3 Metformin [Glucophage, others] 4 Sulfonylurea (glipizide, glyburide, glimepiride) D5 DPP-4 inhibitor [alogliptin (Nesina), linagliptin (Tradjenta), saxagliptin (Onglyza), sitagliptin (Januvia)] GLP-1 receptor agonist [dulaglutide (Trulicity), exenatide (Byatta, Bydureon), liraglutide (Victoza, Saxenda), lixisenatide (Adlyxin), semaglutide (Ozempic, Rybelsus, Wegovy)] Tr SGLT-2 inhibitor (bexagliflozin (Branzavvy), canagliflozin (Invokana), dapagiirlozin (Farxiga), empagiirlozin (Jardiance), ertugiirlozin (Steglatro), sotagiirlozin (Inpera) Ds Pioglitazone (Actos) or rosiglitazone (Avandia) 10 Acarbose [Precose] or miglitol [Glyset] 11 Repaglinide (Prandin) or nateglinide (Starlix) 12 Pramlintide [Symlin] 13 Bromocriptine [Cycloset] 14 Colesevelam (Welcholl CONTINUED ON PAGE 2. Be sure to complete both pages for all Audited patients. Page 1 of 2





Example 4 continued – DM Therapy

Audit Report WebAudit – page 3

IHS Diabetes Care and Outcomes Audit - WebAudit DRAFT Audit Report for 2024 (Audit Period 01/01/2023 - 12/31/2023) Facility: Test02 Sample Data

nual Audit

75 charts were audited from 150 patients determined to be eligible by Test02 Sample Data Unless otherwise specified, time period for each item is the 12-month Audit Period.

	# of Patients	# Considered		Area	THS
	(Numerator)	(Denominator)	Percent	Percent	Perce
Diabetes Treatment					
Number of diabetes medications currently prescribed					
None	18	75	24%		
One medication	21	75	28%		
Two medications	18	75	24%		
Three medications	13	75	17%		
Four or more medications	5	75	7%		
Diabetes meds currently prescribed, alone or in combination					
Insulin	19	75	25%		
Metformin [Glucophage, others]	36	75	48%		
Sulfonylurea [glyburide, glipizide, others]	17	75	23%		
DPP-4 inhibitor [alogiiptin (<i>Nesina</i>), linagliptin (<i>Tradjenta</i>), saxagliptin (<i>Ongiyza</i>), sitagliptin (<i>Januvia</i>)]	3	75	4%		
GLP-1 receptor agonist [dulaglutide (Trulicity), exenatide (Byetta, Bydureon), liraglutide (Victoza, Saxenda), lixisenatide (Adiyxin), semaglutide (Ozempic, Rybelsus, Wegovy)]	18	75	24%		
SGLT-2 Inhibitor [bexagliflozin (Brenzavvy), canagliflozin (Invokana), dapagliflozin (Farxiga), empagliflozin (Jardiance), ertugliflozin (Steglatro), sotagliflozin (Inpefa)]	13	75	17%		
Pioglitazone [Actos] or rosiglitazone [Avandia]	6	75	8%		
Tirzepatide [Mounjaro]	2	75	3%		
Acarbose [Precose] or miglitol [Glyset]	0	75	0%		
Repaglinide [Prandin] or nateglinide [Starlix]	3	75	4%		
Pramlintide [Symlin]	0	75	0%		
Bromocriptine [Cycloset]	1	75	1%		
Colesevelam [Welchol]	0	75	0%		
Statin Prescribed (Currently)					
Yes*	34	74	46%		
Allergy, intolerance, or contraindication	1	75	1%		
In patients with diagnosed CVD					
Yes*	13	16	81%		
Allergy, intolerance, or contraindication	0	16	0%		
In patients age 40-75 years	-				
Yes*	30	54	56%		
Alleroy, intolerance, or contraindication	1	55	2%		
Date run: 02/12/2024				Pa	ge 3 of

	# of Patients (Numerator)	# Considered (Denominator)	Percent
Diabetes Treatment			
Number of diabetes medications currently prescribed			
None	18	75	24%
One medication	21	75	28%
Two medications	18	75	24%
Three medications	13	75	17%
Four or more medications	5	75	7%
Diabetes meds currently prescribed, alone or in combination			
Insulin	19	75	25%
Metformin [Glucophage, others]	36	75	48%
Sulfonylurea [glyburide, glipizide, others]	17	75	23%
DPP-4 inhibitor [alogliptin (<i>Nesina</i>), linagliptin (<i>Tradjenta</i>), saxagliptin (<i>Onglyza</i>), sitagliptin (<i>Januvia</i>)]	3	75	4%
GLP-1 receptor agonist [dulaglutide (<i>Trulicity</i>), exenatide (<i>Byetta,</i> <i>Bydureon</i>), liraglutide (<i>Victoza, Saxenda</i>), lixisenatide (<i>Adlyxin</i>), semaglutide (<i>Ozempic, Rybelsus, Wegovy</i>)]	18	75	24%
SGLT-2 inhibitor [bexagliflozin (<i>Brenzavvy</i>), canagliflozin (<i>Invokana</i>), dapagliflozin (<i>Farxiga</i>), empagliflozin (<i>Jardiance</i>), ertugliflozin (<i>Steglatro</i>), sotagliflozin (<i>Inpefa</i>)]	13	75	17%
Pioglitazone [Actos] or rosiglitazone [Avandia]	6	75	8%
Tirzepatide [Mounjaro]	2	75	3%
Acarbose [Precose] or miglitol [Glyset]	0	75	0%
Repaglinide [Prandin] or nateglinide [Starlix]	3	75	4%
Pramlintide [Symlin]	0	75	0%
Bromocriptine [Cycloset]	1	75	1%
Colesevelam [Welchol]	0	75	0%



Example 4 continued – DM Therapy

Two sections for this item:

- 1. Number of medications
- 2. Which medications

Notes:

- Sum of percentages for section 1=100%
- Sum of percentages for section 2 can be >100% because patients can be on more than one med

	# of Patients (Numerator)	# Considered (Denominator)	Percent
Diabetes Treatment			
Number of diabetes medications currently prescribed			
None	18	75	24%
One medication	21	75	28%
Two medications	18	75	24%
Three medications	13	75	17%
Four or more medications	5	75	7%
Diabetes meds currently prescribed, alone or in combination			
Insulin	19	75	25%
Metformin [Glucophage, others]	36	75	48%
Sulfonylurea [glyburide, glipizide, others]	17	75	23%
DPP-4 inhibitor [alogliptin (<i>Nesina</i>), linagliptin (<i>Tradjenta</i>), saxagliptin (<i>Onglyza</i>), sitagliptin (<i>Januvia</i>)]	3	75	4%
GLP-1 receptor agonist [dulaglutide (<i>Trulicity</i>), exenatide (<i>Byetta,</i> <i>Bydureon</i>), liraglutide (<i>Victoza, Saxend</i> a), lixisenatide (<i>Adlyxin</i>), semaglutide (<i>Ozempic, Rybelsus, Wegovy</i>)]	18	75	24%
SGLT-2 inhibitor [bexagliflozin (<i>Brenzavvy</i>), canagliflozin (<i>Invokana</i>), dapagliflozin (<i>Farxiga</i>), empagliflozin (<i>Jardiance</i>), ertugliflozin (<i>Steglatr</i> o), sotagliflozin (<i>Inpefa</i>)]	13	75	17%
Pioglitazone [Actos] or rosiglitazone [Avandia]	6	75	8%
Tirzepatide [Mounjaro]	2	75	3%
Acarbose [Precose] or miglitol [Glyset]	0	75	0%
Repaglinide [Prandin] or nateglinide [Starlix]	3	75	4%
Pramlintide [Symlin]	0	75	0%
Bromocriptine [Cycloset]	1	75	1%
Colesevelam [Welchol]	0	75	0%





Trends Graphs

- Available in the WebAudit only.
- Two tabs: Data and Graphs.

Data (all 2024 Report items)

	Α	В	0	Р	Q	R	S	Т
1	ITEM#	Report Item [Subgroup, if applicable]	2020%	2021%	2022%	2023%	2024%	DIFF 2024-2023
2	0	Number of Records						
3	1	Gender: Male	41	40	51	45	39	-6
4	2	Gender: Female	59	60	49	55	61	6
5	3	Gender: Unknown	0	0	0	0	0	0
6	4	Age: < 20 years	4	4	0	0	4	4
7	5	Age: 20-44 years	14	15	17	13	16	3
8	6	Age: 45-64 years	41	42	58	37	45	8
9	7	Age: 65 years and older	41	39	25	49	34	-15
10	8	Diabetes Type: 1	3	4	5	1	3	2
11	9	Diabetes Type: 2	96	96	94	99	97	-2
12	10	Duration of Diabetes: < 1 year	0	1	2	1	1	0
13	11	Duration of Diabetes: < 10 years	6	8	38	24	11	-13
14	12	Duration of Diabetes: 10 years or more	55	53	50	64	67	3
	<	Data Graphs (+)						

Graphs (selected outcomes)





Report Review – General Guidance (1)

1. Print or pull up on screen:

- a. Annual Audit Reports from the WebAudit for 2023 and 2024.
- b. Trends Graphs from the WebAudit.

2. Examine:

- a. Number of patients:
 - i. Number included in Audit should be equal to or smaller than number of eligible patients.
 - ii. Number Audited and eligible for 2024 vs. 2023: Are they similar or "very" different with good reason?
- **b. Missing data**: Are there *unexpectedly* large amounts of missing data for any items?
- **c. Extreme values**: Are there rows with *unexpectedly* low (near 0%) or high (near 100%) values?



Report Review – General Guidance (2)

- **3. Review Trends Graphs:** Look for "big" changes from 2023 to 2024.
 - Data tab: Review DIFF 2024-2023 column.

ITEM#	Report	Item [S	Subgroup,	if ap	plicable]	2022%	2023%	2024%	DIFF 2024-2023
80	Exams:	Foot				51	50	31	-19
81 Exams: Eye						30	29	61	32
82	Exams:	Dental				24	27	30	3
<		Data	Graphs		\oplus				

• Graphs tab: Look for "spikes" up or down from 2023 to 2024.





Report Review – General Guidance (3)

- 4. If any issues are found during review, correct data as needed in RPMS or in the WebAudit.
 - i. For Electronic Audits:
 - a. Best to correct in EMR (RPMS or other), create a new data file, and re-upload into the WebAudit.
 - b. If corrections are made in the WebAudit, they may also need to be made in your EMR.
 - **c. NOTE**: Corrections made in WebAudit will be lost if a new data file is uploaded.
 - ii. For Manual Audits, make changes to individual records in the WebAudit.



Audit Resources

- Website: <u>https://www.ihs.gov/diabetes</u> -> Select "IHS Diabetes Audit" from menu
 - a. Materials: Form, Instructions, Checklists, RPMS/DMS documentation
 - b. Training: Live, recorded, DMS
 - c. Other information and resources

2. Support

- a. Audit team (WebAudit & general questions): email <u>diabetesaudit@ihs.gov</u>
- b. <u>Area Diabetes Consultants</u>/Area Audit Support
- c. RPMS questions and support (OIT Service Desk): https://www.ihs.gov/Helpdesk/
- d. RPMS recorded training: <u>https://www.ihs.gov/rpms/training/recording-and-</u> material-library/



WebAudit Demonstration

