



**Indian Health Service**

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**Division of Diabetes  
Treatment and Prevention**



# RPMS Diabetes Management System Overview for Audit 2025

**IHS Division of Diabetes Treatment and Prevention**

**02/18/2025**

# Today's Topics

- 2025 DM Audit Updates
- Review/Update Taxonomies
- Run Data Quality Check Report
- Create Audit Export Data File
- Review Audit 2025 Resources

Indian Health Service  
Diabetes Care and Outcomes Audit

## Audit 2025 Instructions

January 2025



Indian Health Service  
Division of Diabetes Treatment and Prevention  
<https://www.ihs.gov/diabetes/>

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# Important 2025 DM Audit Updates

<b>Annual Audit 2025</b>	<b>Dates</b>
<b>Audit Period end date:</b>	<b>December 31, 2024</b>
<b>RPMS/DMS patch release for v2. Patch 18:</b>	<b>January 30, 2025</b>
<b>WebAudit open:</b>	<b>February 21, 2025 (anticipated)</b>
<b>Due date: (final data submission)</b>	<b>April 29, 2025</b>

# Audit Resources

<b>Division of Diabetes Treatment and Prevention (DDTP)</b>	<b>Audit 2024/2025 Resources</b>
About Us	<b>Audit 2025 Resources</b>
Clinical Training	<b>Instructions and Forms</b>
Search DDTP and SDPI	Carefully read the Audit Instructions document and review the Audit Form before beginning your Audit, even if you have conducted an Audit before.
Clinical Resources	<ul style="list-style-type: none"><li>• <a href="#">Audit 2025 Instructions</a> [PDF – 862 KB]</li><li>• <a href="#">Audit 2025 Form</a> [PDF – 188 KB]</li></ul>
Education Materials and Resources (Online Catalog)	<b>Checklists</b>
Fact Sheets and Publications	To facilitate completion of all steps in the annual Audit process, refer to the appropriate checklist.
Special Diabetes Program for Indians (SDPI)	<ul style="list-style-type: none"><li>• <a href="#">Electronic Audit Checklist 2025 for Other Electronic Medical Record Systems</a> [Word – 49 KB]</li></ul>
<b>IHS Diabetes Audit</b>	<b>Resource and Patient Management System (RPMS) Diabetes Management System (DMS) Materials</b>
WebAudit Login	<ul style="list-style-type: none"><li>• <a href="#">Audit 2025 Code List</a> [Excel - 438 KB]</li></ul>
WebAudit Information and Account Requests	
Audit 2024/2025 Resources	

<https://www.ihs.gov/diabetes/audit/audit-resources/>

# 2025 Electronic Audit Checklist: RPMS

## 2025 Summary of Changes:

- Described in the 2025 Audit Orientation webinar.
- List in the Audit 2025 Instructions.

### IHS Division of Diabetes Treatment and Prevention Annual Diabetes Care and Outcomes Audit 2025

Electronic Audit Checklist: IHS Resource and Patient Management System (RPMS)  
January 2025

Step	1.0 Preparation	Completed?
1.1	Let your <a href="#">Area Diabetes Consultant</a> <sup>1</sup> know that you are planning to start conducting the Audit.	
1.2	Review the detailed <a href="#">2025 Audit Instructions</a> <sup>2</sup> with particular attention to the section on conducting an electronic Audit using RPMS.	
1.3	Install the RPMS patch for Audit 2025: Diabetes Management System (DMS) Version 2.0, <b>Patch 18</b> . Your facility's Clinical Application Coordinator (CAC) or local RPMS support team will need to do this.	
1.4	Review the <a href="#">DMS User Manual (January 2025)</a> <sup>3</sup> . <b>Version for 2025 is not available.</b> <i>Pay particular attention to the information for Audit 2025, including the Summary of Changes on pp. 2.</i>	
1.5	Review and update site-populated taxonomies. <ol style="list-style-type: none"> <li>Run and review the "List Labs/Medications Used at this Facility" report. <b>(DMS menu options: AS -&gt; LMR)</b></li> <li>Run and review the "Check Taxonomies for the 2025 DM Audit" report. <b>(DMS menu options: AS -&gt; TC)</b></li> <li>Update taxonomies, as needed. <b>(DMS menu options: AS -&gt; TU)</b></li> </ol> <b>Tips:</b> <ul style="list-style-type: none"> <li>• See pp. 5-8 of this document for a list of site-populated taxonomies.</li> <li>• Review Labs/Medications Used list(s) with laboratory and pharmacy staff when updating these taxonomies.</li> <li>• Remove lab panels.</li> <li>• Populate combination medications in all appropriate taxonomies.</li> </ul>	

# Diabetes Management System

- Diabetes Management System (DMS) is just one of the applications of the Resource and Patient Management System (RPMS)
- Diabetes Management System can also be referred to as DM, DMS, and BDM
- There are two versions of the DMS
  - **Roll and Scroll – version discussed today**
  - Visual DMS - windows based tool or GUI (graphical user interface)
- DMS is used to manage Registers, and provide reports such as the DM Audit and Diabetes Health Summaries



```
*****  
** DIABETES MANAGEMENT SYSTEM **  
*****  
VERSION 2.0 (Patch 18) ←  
MAIN MENU  
  
RM Register Maintenance ...  
AS Audit Setup ...  
AR Audit Reporting ...  
PDM Prediabetes Menu ...  
  
Select Diabetes Management System Option:
```



# Main Menu Options

- **RM Register Maintenance**
  - Update patient information in the Diabetes Register
  - Register Reports (NDOO – No Diabetes Date of Onset)
- **AS Audit Setup**
  - Reports to help clean up registries
  - Taxonomy review/updates
- **AR Audit Reporting**
  - Run Audit and Create Audit Data File



# Review/Update Taxonomies



# Taxonomies

- RPMS Taxonomies are data sets.
- Groups of related items such as
  - Medications
  - Lab Tests
  - Diagnosis
  - Health Factors
  - Clinics
- Updating Taxonomies
  - Standard updates (done with annual patch)
  - Local updates (specific local taxonomy names)

# Taxonomies

- Taxonomies should have been updated for the **2024 Annual Audit**, they must be reviewed and updated again before running the **2025 Annual Audit** due to:
  - New medications being prescribed
  - New lab test names or new equipment
- Several of the taxonomies listed may begin with **BGP** rather than **DM AUDIT**.
- BGP taxonomies are shared between the Government Performance and Results Act (GPRA) program and the DM Audit.

# Taxonomies

- Enlist the help of lab and pharmacy staff
  - This is may be VERY time saving
  - New equipment
  - New names for labs
  - New medicines being prescribed
  - New formulary items
- Provide a list to lab and pharmacy so they can be familiar with what categories the DM Audit will be looking for
  - 2025 Audit Form
  - Electronic Audit Checklist 2025 for RPMS

## AUDIT SETUP

DXNR Patients with DM Diagnosis and not on Register  
INA List Possible Inactive Pts in the DM Register  
PLDX Patients w/no Diagnosis of DM on Problem List  
FRPT Find a Register patient by YOB, MOB, Birth Sex

-----  
LMR List Labs/Medications Used at this Facility

TC Check Taxonomies for the 2025 DM Audit

TU Update/Review Taxonomies for 2025 DM Audit

VTAX View/Print Any Taxonomy Used by the Diabetes Audit

VSML View a SNOMED List Used by the Diabetes AUDIT

DAL Display Audit Logic

-----  
DQC 2025 Data Quality Check Report

-----  
ASPR Prior Years Diabetes Audit Setup (DM20-DM24) ...



This report will list all lab tests or medications that are used at **[Your FACILITY NAME]**. It will list the name, internal entry number, number of occurrences, units and result example (lab only) and the taxonomies that the item is a member of.

Select one of the following:

- L            LAB TESTS
- M            MEDICATIONS (DRUGS)

Do you wish to list: Y



This report will list all lab tests or medications that are used at DEMO HOSPITAL. It will list the name, internal entry number, number of occurrences, units and result example (lab only) and the taxonomies that the item is a member of.

Select one of the following:

- L LAB TESTS
- M MEDICATIONS (DRUGS)

Do you wish to list: **LAB TESTS**

Enter beginning Date for Search: Feb 18, 2025// **01012024 (JAN 01, 2024)**

Enter ending date for Search: 12312024 (**DEC 31, 2024**)

Select one of the following:

- P PRINT Output
- B BROWSE Output on Screen

Do you wish to: P// B



LAB TEST NAME	IEN	# DONE	UNITS	RESULT
+ CBC W/Auto DIFF (R)	9999844	1		
<b>CHOLESTEROL (POCT)</b>	<b>9999549</b>	<b>2</b>	<b>mg/dL</b>	
CHOLESTEROL (Q)	2001529	1	mg/dL	220
DM AUDIT CHOLESTEROL TAX				
CHOLESTEROL (R)	9999775	2		
DM AUDIT CHOLESTEROL TAX				
CKMB (MMB)	2001640	1	ng/mL	1.80
COVID-19 (iCARE)	2001563	1		Negative
CQM CHLAMYDIA TRACHOMATIS DNA	9999350	2		
CQM HEPATITIS A VIRUS IGG AB	5051	1		
CQM REAGIN AB(TITER)IN SERUM	137	2		
CREAT/EGFR LAB PROG <b>PANEL</b>	2001625			
CREATININE (NKDF)	173	4	mg/dL	
DM AUDIT CREATININE TAX				
CREATININE (R)	2906000	3	mg/dL	
DM AUDIT CREATININE TAX				

+ Enter ?? for more actions >>>  
 + NEXT SCREEN - PREVIOUS SCREEN Q QUIT  
 Select Action: +//

**(Cholesterol POCT needs to be added to DM Audit taxonomy)**





This report will list all lab tests or medications that are used at DEMO HOSPITAL. It will list the name, internal entry number, number of occurrences, units and result example (lab only) and the taxonomies that the item is a member of.

Select one of the following:

- L LAB TESTS
- M MEDICATIONS (DRUGS)

Do you wish to list: **MEDICATIONS (DRUGS)**

Enter beginning Date for Search: Feb 12, 2025// **01012024 (JAN 01, 2024)**

Enter ending date for Search: 12312024 **(DEC 31, 2024)**

Select one of the following:

- P PRINT Output
- B BROWSE Output on Screen

Do you wish to: P// B



## AUDIT SETUP

DXNR Patients with DM Diagnosis and not on Register  
INA List Possible Inactive Pts in the DM Register  
PLDX Patients w/no Diagnosis of DM on Problem List  
FRPT Find a Register patient by YOB, MOB, Birth Sex

-----  
LMR List Labs/Medications Used at this Facility  
TC Check Taxonomies for the 2025 DM Audit  
TU Update/Review Taxonomies for 2025 DM Audit  
VTAX View/Print Any Taxonomy Used by the Diabetes Audit  
VSML View a SNOMED List Used by the Diabetes AUDIT  
DAL Display Audit Logic

-----  
DQC 2025 Data Quality Check Report

-----  
ASPR Prior Years Diabetes Audit Setup (DM21-DM24) ...

Select Audit Setup Option: **TU Update/Review Taxonomies for 2025**



## TU - DM AUDIT TAXONOMY UPDATE

### TAXONOMIES TO SUPPORT 2025 DIABETES AUDIT REPORTING

\* Update Taxonomies

- |                                   |                 |
|-----------------------------------|-----------------|
| 1) BGP CMS SMOKING CESSATION MEDS | DRUG            |
| 2) BGP CREATINE KINASE TAX        | LABORATORY TEST |
| 3) BGP GPRA ESTIMATED GFR TAX     | LABORATORY TEST |
| 4) BGP HEP C TESTS TAX            | LABORATORY TEST |
| 5) BGP PQA STATIN MEDS            | DRUG            |
| 6) DM AUDIT ACARBOSE DRUGS        | DRUG            |
| 7) DM AUDIT ACE INHIBITORS        | DRUG            |
| 8) DM AUDIT ALT TAX               | LABORATORY TEST |
| 9) DM AUDIT AMYLIN ANALOGUES      | DRUG            |
| 10) DM AUDIT ANTIPLT/ANTICOAG RX  | DRUG            |
| 11) DM AUDIT ASPIRIN DRUGS        | DRUG            |
| 12) DM AUDIT AST TAX              | LABORATORY TEST |
| 13) DM AUDIT BROMOCRIPTINE DRUGS  | DRUG            |
| 14) DM AUDIT CHOLESTEROL TAX      | LABORATORY TEST |
| 15) DM AUDIT COLESEVELAM DRUGS    | DRUG            |

+ Enter ?? for more actions

S Select Taxonomy    D Display a Taxonomy

Select Action: +// **S**

Which Taxonomy: (1-37): **14**

## DIABETES TAXONOMY UPDATE

Updating the DM AUDIT CHOLESTEROL TAX taxonomy

ITEM NAME	Internal Entry #
1) ..PAH CHOLESTEROL-before Dec2006	183
2) CHOLESTEROL (R)	9999775
3) CHOLESTEROL (Q)	2001529

Enter ?? for more actions

A Add Taxonomy Item R Remove an Item

Select Action: +// **Add Taxonomy Item**

Select LAB NAME: **CHOLESTEROL (POCT)**

## DIABETES TAXONOMY UPDATE

Updating the DM AUDIT CHOLESTEROL TAX taxonomy

ITEM NAME

Internal Entry #

1) ..PAH CHOLESTEROL-before Dec2006	183
2) CHOLESTEROL (R)	9999775
3) CHOLESTEROL (Q)	2001529
<b>4) CHOLESTEROL (POCT)</b>	<b>9999549</b>

Enter ?? for more actions

A Add Taxonomy Item R Remove an Item

Select Action:+// Q



## TU - DM AUDIT TAXONOMY UPDATE

### TAXONOMIES TO SUPPORT 2025 DIABETES AUDIT REPORTING

\* Update Taxonomies

- |                                   |                 |
|-----------------------------------|-----------------|
| 1) BGP CMS SMOKING CESSATION MEDS | DRUG            |
| 2) BGP CREATINE KINASE TAX        | LABORATORY TEST |
| 3) BGP GPRA ESTIMATED GFR TAX     | LABORATORY TEST |
| 4) BGP HEP C TESTS TAX            | LABORATORY TEST |
| 5) BGP PQA STATIN MEDS            | DRUG            |
| 6) DM AUDIT ACARBOSE DRUGS        | DRUG            |
| 7) DM AUDIT ACE INHIBITORS        | DRUG            |
| 8) DM AUDIT ALT TAX               | LABORATORY TEST |
| 9) DM AUDIT AMYLIN ANALOGUES      | DRUG            |
| 10) DM AUDIT ANTIPLT/ANTICOAG RX  | DRUG            |
| <b>11) DM AUDIT ASPIRIN DRUGS</b> | <b>DRUG</b>     |
| 12) DM AUDIT AST TAX              | LABORATORY TEST |
| 13) DM AUDIT BROMOCRIPTINE DRUGS  | DRUG            |
| 14) DM AUDIT CHOLESTEROL TAX      | LABORATORY TEST |
| 15) DM AUDIT COLESEVELAM DRUGS    | DRUG            |
| 16) DM AUDIT CREATININE TAX       | LABORATORY TEST |
| + Enter ?? for more actions       |                 |

S Select Taxonomy    D Display a Taxonomy

Select Action: +// **S**

Which Taxonomy: (1-37): **11**

## Updating the DM AUDIT ASPIRIN DRUGS taxonomy

ITEM NAME	Internal Entry #
-----------	------------------

- |  |       |
|--|-------|
| 1) ASPIRIN 325MG TAB U/D<br>DM AUDIT ASPIRIN DRUGS         | 84801 |
| 2) ASPIRIN/EC 81MG TAB<br>DM AUDIT ASPIRIN DRUGS           | 84511 |
| 3) ASPRIN/EC 325mg ASPIRIN DRUGS<br>DM AUDIT ASPIRIN DRUGS | 95112 |

+ Enter ?? for more actions >>>  
A Add Taxonomy Item R Remove an Item

Select Action: +// R Remove an Item

Remove which Item: (1-3): 1 ASPRIN 325MG TAB U/D

Are you sure you want to remove ASPIRIN 325MG TAB U/D DRUG? N// YES

DIABETES TAXONOMY UPDATE  
Updating the DM QUDIT ASPIRIN DRUGS taxonomy

PAGE 1 OF 1

ITEM NAME	Internal Entry #
-----------	------------------

- |  |       |
|--|-------|
| 1) ASPIRIN/EC 81MG TAB<br>DM AUDIT ASPIRIN DRUGS           | 84511 |
| 2) ASPRIN/EC 325mg ASPIRIN DRUGS<br>DM AUDIT ASPIRIN DRUGS | 95112 |

+ Enter ?? for more actions >>>  
A Add Taxonomy Item R Remove an Item

Select Action: +//

## AUDIT SETUP

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-----

LMR List Labs/Medications Used at this Facility

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DAL Display Audit Logic

-----

DQC 2025 Data Quality Check Report

-----

ASPR Prior Years Diabetes Audit Setup (DM20-DM24) ...

Select Audit Setup Option: **TC Check Taxonomies for the 2025 DM Audit**



## Select Audit Setup Option: TC Check Taxonomies for the 2025 DM Audit

In order for the 2025 DM AUDIT Report to find all necessary data, several taxonomies must be established. The following taxonomies are missing or have no entries:

LABORATORY TEST taxonomy [BGP HEP C TESTS TAX] contains a panel test: HEPATITIS C PROFILE and should not.

DRUG taxonomy [DM AUDIT AMYLIN ANALOGUES] has no entries

DRUG taxonomy [DM AUDIT COLESEVELAM DRUGS] has no entries

DRUG taxonomy [DM AUDIT TIRZEPATIDE DRUGS] has no entries

End of taxonomy check. HIT RETURN: <RETURN>

## AUDIT SETUP

DXNR Patients with DM Diagnosis and not on Register  
INA List Possible Inactive Pts in the DM Register  
PLDX Patients w/no Diagnosis of DM on Problem List  
FRPT Find a Register patient by YOB, MOB, Birth Sex

-----  
LMR List Labs/Medications Used at this Facility  
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-----  
DQC 2025 Data Quality Check Report

-----  
ASPR Prior Years Diabetes Audit Setup (DM20-DM24) ...

Select Audit Setup Option: **TU Update/Review Taxonomies for 2025 DM Audit**

TAXONOMIES TO SUPPORT 2025 DIABETES AUDIT REPORTING

\* Update Taxonomies

- |                                |                 |
|--------------------------------|-----------------|
| 33) DM AUDIT SULFONYLUREA-LIKE | DRUG            |
| 34) DM AUDIT TB LAB TESTS      | LABORATORY TEST |
| 35) DM AUDIT TB MEDS           | DRUG            |
| 36) DM AUDIT TIRZEPATIDE DRUGS | DRUG            |
| 37) DM AUDIT TRIGLYCERIDE TAX  | LABORATORY TEST |

S Select Taxonomy    D Display a Taxonomy

Select Action:+// **S Select Taxonomy**

Which Taxonomy: (1-37): **36 DM AUDIT TIRZEPATIDE DRUGS**

DIABETES TAXONOMY UPDATE

Updating the DM AUDIT TIRZEPATIDE DRUGS taxonomy

ITEM NAME Internal Entry #

-----

+ Enter ?? for more actions >>>  
A Add Taxonomy Item R Remove an Item

Select Action: +// **A Add Taxonomy Item**

Select DRUG GNERIC NAME: **tirze**

1	TIRZEPATIDE 2.5MG/0.5ML	T25	N/F	05/21/23	00002-
1471-01					
2	TIRZEPATIDE 5MG/0.5ML		N/F	12/01/24	00002-
1471-11					

CHOOSE 1-2: **1**

DIABETES TAXONOMY UPDATE

PAGE 1 OF 1

Updating the DM AUDIT TIRZEPATIDE DRUGS taxonomy

ITEM NAME

Internal Entry #

TIRZEPATIDE 2.5MG/0.5ML

72845

+ Enter ?? for more actions

>>>

A Add Taxonomy Item

R Remove an Item

Select Action: +// Quit



# Data Quality Check

# Two Types - Data Quality Check

RPMS DQC	WebAudit DQC
Report <u>includes</u> patient identifiers including name, health record number, full date of birth	Report de-identified and only includes Birth Month, Birth Year, Sex and Date of Diagnosis
Done <u>before</u> Audit Reports are run in DMS	Done <u>after</u> Audit Report run and uploaded into the WebAudit
Some items may be corrected in EHR, and then will not appear in the Audit Report	Any data that is found to be incorrect should be corrected within the WebAudit. These corrections <u>do not</u> change any data in EHR. Values can also be removed from WebAudit (i.e. LDL 3 due to a calculated LDL when TG was >400)
	Comments are to be added for any item that has been checked and deemed to be correct (i.e. BMI validated as 72%)



# Data Quality Check (DQC)

The Data Quality Check feature reviews each data item and identifies things that might be and/or are definitely incorrect.

- **Two types of errors:**
  - **Potential:** Value might be incorrect
    - Values that are higher or lower than expected
    - Example: A1c<2
  - **Definite:** Value is definitely incorrect according to Audit logic
    - Often related to dates and skip patterns
    - Example: Date of Diabetes Diagnosis is before year of birth (YOB)

## AUDIT SETUP

- DXNR Patients with DM Diagnosis and not on Register  
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FRPT Find a Register patient by YOB, MOB, Birth Sex
- 
- LMR List Labs/Medications Used at this Facility  
TC Check Taxonomies for the 2024 DM Audit  
TU Update/Review Taxonomies for 2024 DM Audit  
VTAX View/Print Any Taxonomy Used by the Diabetes Audit  
VSML View a SNOMED List Used by the Diabetes AUDIT  
DAL Display Audit Logic
- 
- DQC 2025 Data Quality Check Report**
- 
- ASPR Prior Years Diabetes Audit Setup (DM21-DM24) ...

Select Audit Setup Option: **DQC 2025 Data Quality Check Report**



Select Audit Setup <TEST ACCOUNT> Option: DQC 2025 Data Quality Check Report

In order for the 2025 DM AUDIT Report to find all necessary data, several taxonomies must be established. The following taxonomies are missing or have no entries:

LABORATORY TEST taxonomy [BGP HEP C TESTS TAX] contains a panel test: HEPATITIS C PROFILE and should not.

DRUG taxonomy [DM AUDIT AMYLIN ANALOGUES] has no entries

DRUG taxonomy [DM AUDIT COLESEVELAM DRUGS] has no entries

LABORATORY TEST taxonomy [DM AUDIT HGB A1C TAX] contains a panel test: HGB A1c (R) and should not.

End of taxonomy check. HIT RETURN: **<RETURN>**



### Select DIABETES Register

No.	Register Name	# Active	# members	Last patient update members
1	<b>DKB DIABETES REGISTER</b>	<b>10</b>	<b>10</b>	<b>12/31/2024</b>
2	DKB PRE-DIABETES REGISTER	6	6	12/02/2024

Which REGISTER: (1-2): **1**



\*\*\*\*\*

\*\* DIABETES MANAGEMENT SYSTEM \*\*

\*\*\*\*\*

VERSION 2.0 (Patch 18)  
MAIN MENU - DKB DIABETES REGISTER

Enter the date of the audit. This date will be considered the ending date of the audit period. For most data items all data for the period one year prior to this date will be reviewed.

Enter the Audit Date: 12/31/2024





Enter the Audit Date: 12/31/24 (DEC 31, 2024)

Select one of the following:

- P Individual Patients
- S Search Template of Patients
- C Members of a CMS Register**
- E E-Audit (predefined set of patients)

Run the audit for: P// **C Members of a CMS Register**

Do you want to select register patients with a particular status? Y// **ENTER**

**Which status: A// ACTIVE**

There are 10 patients in the DKB DIABETES REGISTER with a status of A.

You have selected a register or template/cohort of patients.

You can run the audit just for the subset of patients in the cohort or register who live in a particular community or have a particular primary care provider.

Limit the audit to one or more primary care providers? N// **ENTER**



Limit the patients who live in a particular community ? N// **ENTER**

Select one of the following:

- 1 **Indian/Alaskan Native (Classification 01)**
- 2 Not Indian Alaskan/Native (Not Classification 01)
- 3 All (both Indian/Alaskan Natives and Non 01)

Select Beneficiary Population to include in the audit: 1// **ENTER**

Select one of the following:

- I Include Pregnant Patients
- E Exclude Pregnant Patients

Select whether to include or exclude pregnant patients in the audit: E// **ENTER**

There are 10 patients selected so far to be used in the audit.

Select one of the following:

- A ALL Patients selected so far
- R RANDOM Sample of the patients selected so far

Do you want to select: **A//**

Select one of the following:

- P PATIENT NAME
- E ERROR FIELD NAME

How should the report be sorted: **P// PATIENT NAME**

Select one of the following:

- I Include ALL Patients
- E Exclude DEMO Patients
- O Include ONLY DEMO Patients

Demo Patient Inclusion/Exclusion: **E//**

Select one of the following:

- P PRINT Output
- B BROWSE Output on Screen

Do you wish to: P// PRINT Output (**Browse**)

DEVICE: HOME// Virtual

# DIABETES AUDIT EXPORT DATA QUALITY CHECK REPORT

Audit Date 12/31/2024 (01/01/2024 to 12/31/2024)

Facility: DEMO HOSPITAL

PATIENT NAME	HRN	DOB	SEX	AGE	VALUE	ERR TYPE
ABBIE,JAMES STEPHEN	894728	01/25/2011	M	11	1	<b>POTENTIAL</b>
ERROR: TX INSULIN/DM TYPE 1-Value for this treatment inconsistent with DM Type 1, check medications and DM Type						
ABBIE,JAMES STEPHEN	894728	01/25/2011	M	11		<b>POTENTIAL</b>
ERROR: ALL KEY DATA MISSING-Data is missing for all key fields: weight, blood pressure, A1c, LDL, UACR.						
ABBIE,JAMES STEPHEN	894728	01/25/2011	M	11		<b>DEFINITE</b>
ERROR: DATE OF DX BEFORE YOB-Date of Diabetes Diagnosis is before year of birth.						



## Individual Audit Report: ABBIE, JAMES STEPHEN

Diabetes Therapy All prescribed (as of the end of the Audit period):

### **X 1 None of the following**

- 2 Insulin
- 3 Metformin [Glucophage, others]
- 4 Sulfonylurea [glipizide, glyburide, glimepiride]
- 5 DPP-4 inhibitor [alogliptin (Nesina), linagliptin (Tradjenta), saxagliptin (Onglyza), sitagliptin (Januvia)]
- 6 GLP-1 receptor agonist [dulaglutide (Trulicity), exenatide (Byetta, Bydureon), liraglutide (Victoza, Saxenda), lixisenatide (Adlyxin), semaglutide (Ozempic, Rybelsus, Wegovy)]
- 7 SGLT-2 inhibitor [bexagliflozin (Brenzavvy), canagliflozin (Invokana), dapagliflozin (Farxiga), empagliflozin (Jardiance), ertugliflozin (Steglatro), sotagliflozin (Inpefa)]
- 8 Pioglitazone [Actos] or rosiglitazone [Avandia]
- 9 Tirzepatide [Mounjaro, Zepbound]
- 10 Acarbose [Precose] or miglitol [Glyset]
- 11 Repaglinide [Prandin] or nateglinide [Starlix]
- 12 Pramlintide [Symlin]
- 13 Bromocriptine [Cycloset]
- 14 Colesevelam [Welchol]

Reminder: The potential error was T1DM but is not on any medicine??

# Data Quality Check

The Data Quality Check feature reviews each data item and looks for Potential Errors and Definite Errors. Correct your data, if needed.

- **If data corrected:**
  - In RPMS before uploading, errors will not appear in WebAudit version
  - In the WebAudit, but not RPMS, errors will still appear in DMS and EHR
- **Correct data in RPMS, if possible, before creating your data file.**
  - Be sure to verify data before making any changes in RPMS
  - If a data file is uploaded into the WebAudit and changes are made in RPMS, create a new data file and upload new data file into the WebAudit (will overwrite previous)



# Create an Audit Data File

# Audit Export Data File

- Creating the Audit export data file
- Retrieving the Audit export file
  - May require assistance from your local IT staff
  - Provide the name of the file and where you want the file placed
  - Do not send file through email, even if encrypted
  - IHS Secure Data Transfer Service (SDTS) (option)
- Uploading the Audit export file to the WebAudit



```
*****  
** DIABETES MANAGEMENT SYSTEM **  
*****  
  
VERSION 2.0 (Patch 18)  
MAIN MENU  
  
RM Register Maintenance ...  
AS Audit Setup ...  
AR Audit Reporting ...  
PDM Prediabetes Menu ...  
  
Select Diabetes Management System Option: AR
```





\*\*\*\*\*

**\*\* DIABETES MANAGEMENT SYSTEM \*\***

\*\*\*\*\*

VERSION 2.0 (Patch 18)  
DEMO HOSPITAL (INST)  
AUDIT REPORTING

**DM25 2025 Diabetes Audit**

DM24 2024 Diabetes Audit

DM23 2023 Diabetes Audit

DM22 2022 Diabetes Audit

DM21 2021 Diabetes Audit

Select Audit Reporting Option: **DM25**



## Select Audit Setup Option: AR Audit Reporting

In order for the 2025 DM AUDIT Report to find all necessary data, several taxonomies must be established. The following taxonomies are missing or have no entries:

LABORATORY TEST taxonomy [BGP HEP C TESTS TAX] contains a panel test: HEPATITIS C PROFILE and should not.

DRUG taxonomy [DM AUDIT AMYLIN ANALOGUES] has no entries

DRUG taxonomy [DM AUDIT COLESEVELAM DRUGS] has no entries

LABORATORY TEST taxonomy [DM AUDIT HGB A1C TAX] contains a panel test: HGB A1c (R) and should not.

End of taxonomy check. HIT RETURN:

Go back and  
fix these first!

## Select DIABETES Register

No.	Register Name	# Active	# members	Last patient update members
1	<b>DKB DIABETES REGISTER</b>	<b>10</b>	<b>10</b>	<b>12/31/2024</b>
2	DKB PRE-DIABETES REGISTER	6	6	12/02/2024

Which REGISTER: (1-2): **1**



THIS SYSTEM CONTAINS CONFIDENTIAL PATIENT INFORMATION COVERED BY THE PRIVACY ACT. UNAUTHORIZED USE OF THIS DATA IS ILLEGAL

\*\*\*\*\*

\*\* DIABETES MANAGEMENT SYSTEM \*\*

\*\*\*\*\*

VERSION 2.0 (Patch 18)

MAIN MENU - DKB DIABETES REGISTER

**Enter the date of the audit.** This date will be considered the ending date of the audit period. For most data items all data for the period one year prior to this date will be reviewed.

Enter the Audit Date: **12/31/2024**



Enter the Audit Date: 12/31/24 (DEC 31, 2024)

Select one of the following:

- P Individual Patients
- S Search Template of Patients
- C Members of a CMS Register
- E E-Audit (predefined set of patients)

Run the audit for: P// **C Members of a CMS Register**

Do you want to select register patients with a particular status? Y// **ENTER**

Which status: **A// ACTIVE**

There are 10 patients in the DKB DIABETES REGISTER with a status of A.  
You have selected a register or template/cohort of patients.

You can run the audit just for the subset of patients in the cohort or register who live in a particular community or have a particular primary care provider.

Limit the audit to one or more primary care providers? N// **ENTER**



Limit the patients who live in a particular community ? N// **ENTER**

Select one of the following:

- 1 **Indian/Alaskan Native (Classification 01)**
- 2 Not Indian Alaskan/Native (Not Classification 01)
- 3 All (both Indian/Alaskan Natives and Non 01)

Select Beneficiary Population to include in the audit: 1// **ENTER**

Select one of the following:

- I Include Pregnant Patients
- E Exclude Pregnant Patients

Select whether to include or exclude pregnant patients in the audit: E// **ENTER**

**okay, hold on...this may take a few minutes.**



There are 9 patients selected so far to be used in the audit.

Select one of the following:

- A ALL Patients selected so far
- R RANDOM Sample of the patients selected so far

Do you want to select: **A// LL Patients selected so far**

Select one of the following:

- 1 Print Individual Reports
- 2 Create AUDIT EXPORT file**
- 3 Audit Report (Cumulative Audit)
- 4 Both Individual and Cumulative Audits
- 5 SDPI RKM Report

Enter Print option: 1// **2 Create AUDIT EXPORT file**



The file generated will be in a "^" delimited format. You can use this file to review your data in EXCEL if you so choose.

Enter the name of the FILE to be Created (3-20 characters): **dkb\_2025\_DMAUDIT**

I am going to create a file called dkb\_2025\_dmaudit.txt which will reside in the **G:\EXPORT\ directory on your RPMS server.**

It is the same directory that the data export globals are placed.

See your site manager for assistance in finding the file after it is created. **PLEASE jot down and remember the following file name:**

**\*\*\*\*\* dkb\_2025\_dmaudit.txt \*\*\*\*\***

It may be several hours (or overnight) before your report and flat file are finished.

The records that are generated and placed in file dkb\_2025\_dmaudit.txt are in a format readable by Excel. For a definition of the format please see your user manual.

Is everything ok? Do you want to continue? **Y// Y or enter**

# Audit Data File

```
AUDITDATE^FACILITYNA^REVIEWER^STATE^MOB^YOB^SEX^DODX^DMTYPE^TOBSCREEN^TOBACCOUSE^TOBCOUNSEL^ENDSSCREEN^ENDSUSE^FEE
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^4^1955^1^12/01/2018^1^2^ ^ ^2^ ^5^5.00^ ^2^ ^ ^ ^ ^ ^2^2^1^2^2^4^2^2^1^2^2^
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^5^1990^2^05/28/1990^2^2^ ^ ^2^ ^5^5.00^ ^2^ ^ ^ ^ ^ ^2^2^1^1^2^4^2^2^1^2^2^
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^1^1960^2^01/01/2018^2^2^ ^ ^2^ ^5^4.00^ ^1^ ^ ^ ^ ^ ^2^2^1^1^2^4^2^2^1^2^2^
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^7^2000^2^12/04/2023^1^1^2^ ^1^2^5^2.00^ ^1^130^85^ ^ ^ ^ ^1^1^1^1^2^2^2^1^2^2^
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^3^2000^2^07/15/2018^1^2^ ^ ^2^ ^5^6.00^ ^1^ ^ ^ ^ ^ ^2^2^1^2^2^4^2^2^1^2^2^
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^1^1960^3^ ^1^2^ ^ ^2^ ^ ^ ^ ^ ^2^ ^2^1^2^2^4^2^2^1^2^2^2^2^2^2^2^2^
12/31/2024^2021 DEMO HOSPITAL (^AP^NM^3^1936^1^01/13/1935^2^2^ ^ ^2^ ^4^10.00^ ^2^ ^ ^ ^ ^ ^2^2^1^2^2^4^2^2^1^2^2^
```

- The Audit export file contains raw data; don't edit anything here
- This can be opened the file using Notepad or other software that allows viewing.
- The original data file is the only one that can be uploaded into the WebAudit.



# Audit Report



There are 9 patients selected so far to be used in the audit.

Select one of the following:

- A ALL Patients selected so far
- R RANDOM Sample of the patients selected so far

Do you want to select: **A// LL Patients selected so far**

Select one of the following:

- 1 Print Individual Reports
- 2 Create AUDIT EXPORT file
- 3 **Audit Report (Cumulative Audit)**
- 4 Both Individual and Cumulative Audits
- 5 SDPI RKM Report

Enter Print option: **1// 3 Audit Report (Cumulative Audit)**

IHS Diabetes Care and Outcomes Audit - RPMS Audit  
 Audit Report for 2025 (Audit Period 01/01/2024 to 12/31/2024)  
 Facility: DEMO HOSPITAL  
 Annual Audit

**9 patients were audited**

Unless otherwise specified, time period for each item is the 12-month Audit Period

	# of Patients (Numerator)	# Considered (Denominator)	Percent
<b>Sex</b>			
Male	5	9	56%
Female	4	9	44%
Unknown	0	9	0%
<b>Age</b>			
<20 years	2	9	22%
20-44 years	2	9	22%
45-64 years	3	9	33%
>=65 years	2	9	22%



# WebAudit Data Quality Check

Identifying patients on this report using DMS

# WebAudit Data Review

Diabetes WebAudit / Data Processing

**Diabetes WebAudit**

Facility Administration

**Data Processing**

Data Entry

Upload Data

View/Edit Data

**Data Quality Check**

Reports

Audit Resources

Data Systems

Sign Out

## Data Processing



[Data Entry](#)

Enter data from a manual Audit (paper Audit forms).



[Upload Data](#)

Upload Audit Data File from an electronic Audit.



[View/Edit Data](#)

View and edit data entered or uploaded.



[Data Quality Check](#)

Check for potential data errors in data entered or uploaded.

# WebAudit DQC

Audit 2025

Select an Audit Type then click "Go"

Annual Audit v

Go

Select an Area then click "Go"

Albuquerque v

Go

Select a Facility then click "Go"

Demo Hospital v

Go

Select one or both reports:

Annual Audit Potential Data Errors Summary – Number of potential data errors for each data field

Annual Audit Potential Data Errors Details – Details of potential data errors for each record

View Report (s)

# WebAudit Potential Data Errors Summary

## Summary of Audit Potential Data Errors for 2025 Facility: Demo Hospital 2025 Annual Audit

There are 210 records for this facility  
28 Potential Data Errors were found

 [Download PDF Version](#)

Field Name	Number of Potential Errors
Blood Pressure: Diastolic	2
Date of Diabetes Diagnosis	5
Estimated GFR Value	1
LDL Cholesterol	20

# WebAudit Potential Data Errors Details

Edit	WebAudit ID	Yr/Mo of Birth	Sex	Date of Diagnosis	Field Name	Value	Error Type	Error Message	Comments
	^ v	^ v	^ v	^ v	^ v		^ v		^ v
🔒	2152	1969 / 10	F	08/23/2022	Blood Pressure: Diastolic, 1st	27.0	Potential	Value is unusually low (less than 30). Check this value and change if necessary.	Value verified in EHR. <a href="#">Edit</a> <a href="#">Remove</a>
🔒	1828	1988 / 7	F	01/13/2015	Creatinine	0.3	Potential	Value is unusually low (less than 0.3). Check this value and change if necessary.	Value verified in EHR. <a href="#">Edit</a> <a href="#">Remove</a>
🔒	2210	1969 / 3	F		Date of Diabetes Diagnosis	None	Potential	Missing value. Enter a value if possible.	Could not locate patient to correct date of dx in EHR. <a href="#">Edit</a> <a href="#">Remove</a>
🔒	1033	1951 / 10	F	06/03/1999	Estimated GFR Value	4.6	Potential	Value is unusually low (less than 5). Check this value and change if necessary.	Value verified in EHR. <a href="#">Edit</a> <a href="#">Remove</a>

# Identifying Patients from the WebAudit DQC Report

\*\*\*\*\*

\*\* DIABETES MANAGEMENT SYSTEM \*\*

\*\*\*\*\*

VERSION 2.0 (Patch 18)  
DEMO HOSPITAL (INST)  
IHS DIABETES QA AUDIT MENU

DXNR Patients with DM Diagnosis and not on Register  
INA List Possible Inactive Pts in the DM Register  
PLDX Patients w/no Diagnosis of DM on Problem List  
FRPT Find a Register Patient by YOB, MOB, Birth Sex

**Or ^FRPT at any "Select MENU Option:"**

# Finding Register Patients (FRPT)

Demo Hospital  
User Name

This option can be used to find a patient on a register by using month and year of birth and birth sex. This option can assist you in finding a patient who has been flagged with an error in the WEB Audit.

Press enter to continue: <ENTER>

Select DIABETES Register

1. IHS DIABETES
2. IHS PRE-DIABETES

Which REGISTER: (1-2): 1

# Finding Register Patients (FRPT)

\*\*\*\*\*

\*\* DIABETES MANAGEMENT SYSTEM \*\*

\*\*\*\*\*

VERSION 2.0 (Patch 18)  
DEMO HOSPITAL (INST)  
MAIN MENU – IHS DIABETES

Enter the Patient's Year of Birth: (1900-2025): 1985

Enter the Patient's Year of Birth: (1-12): 12

Enter the Patient's Birth Sex: F

Searching the register.....

3 patients were found with YOB; 1985 MOB: 12 BIRTH SEX: F

Press enter to continue:

# Finding Register Patients (FRPT)

- If more than one patient in the register is found with the same month and year of birth and birth sex
  - Chart reviews must be completed to verify the patient with the potential error.
  - Compare one or more of the following items:
    - Date of Diabetes Diagnosis
    - The Potential Data Error Value
    - Other labs (i.e. LDL or Total Cholesterol)
  - Review the Potential Error.
  - Update your findings in the WebAudit View/Edit Data or use Edit button in the DQC.

# WebAudit Potential Data Errors Detailed

Edit	WebAudit ID	Yr/Mo of Birth	Sex	Date of Diagnosis	Field Name	Value	Error Type	Error Message	Comments
	^ v	^ v	^ v	^ v	^ v		^ v		^ v
🔒	2152	1969 / 10	F	08/23/2022	Blood Pressure: Diastolic, 1st	27.0	Potential	Value is unusually low (less than 30). Check this value and change if necessary.	Value verified in EHR. <a href="#">Edit</a> <a href="#">Remove</a>
🔒	1828	1988 / 7	F	01/13/2015	Creatinine	0.3	Potential	Value is unusually low (less than 0.3). Check this value and change if necessary.	Value verified in EHR. <a href="#">Edit</a> <a href="#">Remove</a>
🔒	2210	1969 / 3	F		Date of Diabetes Diagnosis	None	Potential	Missing value. Enter a value if possible.	Could not locate patient to correct date of dx in EHR. <a href="#">Edit</a> <a href="#">Remove</a>
🔒	1033	1951 / 10	F	06/03/1999	Estimated GFR Value	4.6	Potential	Value is unusually low (less than 5). Check this value and change if necessary.	Value verified in EHR. <a href="#">Edit</a> <a href="#">Remove</a>

# WebAudit Data Review

## Data Quality Check

### Audit Potential Data Errors

Edit this comment:

Value verified in EHR.

Submit

Cancel



# Audit 2025 Resources

# Audit Support

## 1. Area Diabetes Consultants

- Area Audit Support
- Link to access ADC list: [Area Diabetes Consultants](#)

## 2. DDTP Audit team

- WebAudit & general questions
- Email: [diabetesaudit@ihs.gov](mailto:diabetesaudit@ihs.gov) (Dorinda Wiley-Bradley and Kristy Klinger)

## 3. RPMS (OIT Service Desk): <https://www.ihs.gov/Helpdesk/>

- Specific to RPMS: DMS (BDM) and Visual DMS program support
- Installation, program functionalities and service issues
- On this webpage page go to: [IHS IT Self Service Portal](#)

# Audit Resources

## 1. IHS Diabetes Audit

- Materials: Form, Instructions, Checklists, RPMS/DMS documentation
- Training: Live, recorded, DMS
- Other information and resources
- **Website:** <https://www.ihs.gov/Diabetes/audit/>

## 2. Other:

- RPMS DMS recorded trainings
- **Link:** <https://www.ihs.gov/rpms/training/recording-and-material-library/>



# Upcoming Audit 2025 Webinars

**Audit Reports : Tuesday, February 25, 2025**

**Time: 3:00 pm ET** | 2pm CT | 1pm MT | 12pm PT | 11am AKT (1 hour)

- Overview of changes to Audit Reports for 2025 and guidance for reading and reviewing Audit reports.
- Time for Q&A.
- Will be recorded.

**Thank you!**

***We look forward to seeing your data!***