Special Diabetes Program for Indians (SDPI)

Using Electronic Medical Record (EMR) System/WebAudit for RKM Data Submission

IHS Division of Diabetes Treatment and Prevention

October 19, 2023

SDPI – Commonly Used Abbreviations

- ADC = Area Diabetes Consultant
- Audit = IHS Diabetes Care and Outcomes Audit
- Best Practice = SDPI Diabetes Best Practice
- DDTP = IHS Division of Diabetes Treatment and Prevention
- DGM = IHS Division of Grants Management
- DMS = Diabetes Management System
- EMR = Electronic Medical Record
- NoA = Notice of Award for your SDPI Grant
- PHI = Protected Health Information
- PII = Personally Identifying Information
- RKM = Required Key Measure
- RPMS = Resource & Patient Management System
- SDPI = Special Diabetes Program for Indians
- SOS = SDPI Outcomes System

What we'll be talking about today:

1. Brief recap of the Target Group for Best Practices and RKM Submission
2. Create a SDPI Register for your Target Group members
3. Generate a list of your Target Group members in QMAN
4. Create and Upload Audit Data File to upload into the WebAudit
5. Pull RKM data from the WebAudit System into the SOS System
6. Questions

Recap of Requirements for 2023

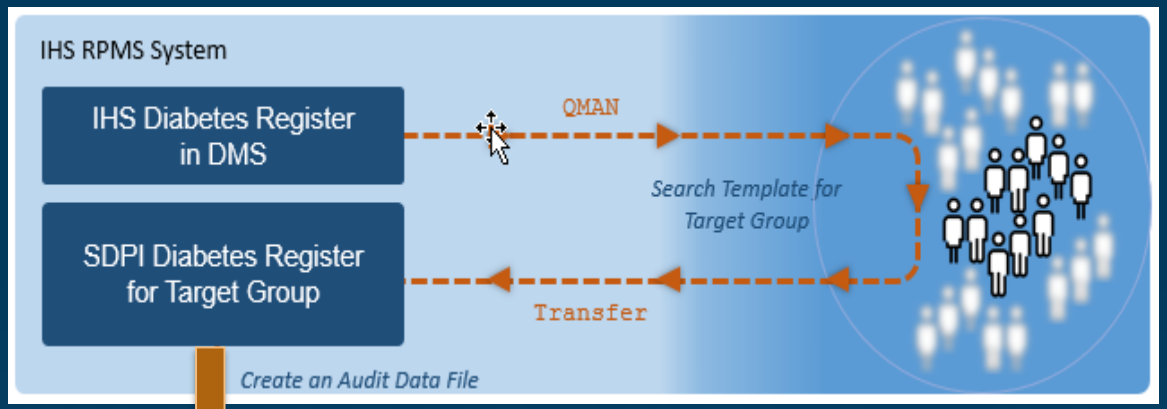
1. **Best Practice Requirements:**
    a. Selected one Best Practice
    b. Described proposed activities/services
    c. Described and determined size of Target Group
2. **RKM Data Submission** into SDPI Outcomes System (SOS):
    a. Baseline (required)
    b. Midyear (optional)
    c. Final (required)
3. **Guidance - Select a Best Practice that:**
    a. Addresses needs identified in your community
    b. You could “move the needle on”, show improvement using RKM data

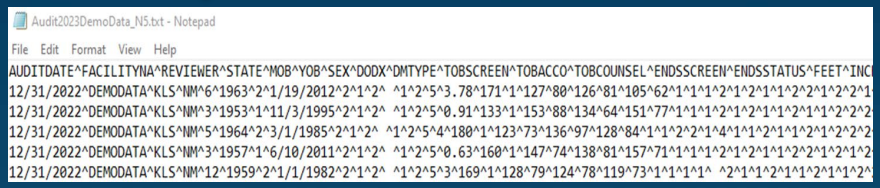
Data Submission:
Process and Methods Using an EMR

Overview of steps for collecting and submitting RKM data

1. SOS access: Request (if you don't already have it).
2. Target Group:
   a. Set up a list to track your Target Group. Add members when you know who they are.
   b. Collect RKM data for Target Group members.
3. Best Practice and Target Group info: Enter into the SOS.
4. RKM data:
   a. Gather/track locally or from RPMS/other EMR.
   b. Submit to DDTP via the SOS.

RPMS: DMS to SOS Journey





Upload as Interim Audit

Pull Interim Audit into SOS

Methods to Collect and Submit RKM Data for selected Target Group

- Use one of three methods:
  1. Pull from WebAudit
  2. Enter Individual
  3. Aggregate Data
- Choice of method depends on a number of factors
  - who is in your Target Group
  - access to RPMS or another EMR system

Note: You don't have to be on RPMS to use the WebAudit.

Electronic Audits – RPMS vs. Other EMRs

- The process and requirements for conducting an electronic Audit depends on the EMR system being used.
- If using a non-RPMS system, then you will have to work closely with your IT and/or software provider to submit data electronically.
- The Audit data file has to be in a specified “delimited text” format in order to upload into the WebAudit program.
  - Applies for both RPMS and non-RPMS users.

Audits for RPMS vs. other EMRs

Below are some specific examples. There are many other differences!

Activity	RPMS	Other EMR
Software programming: done by …	IHS	Software company or vendor
Preparation	-Install patch –DMS (V2- P16) -Update site populated taxonomies -Review and update DM registry or create list of diabetes patients	Software dependent
Education documentation	RPMS specific coding - Taxonomies, clinic codes	System dependent

RKM Data Sources

	RPMS or another EMR	Other
Target Group List: Local	Set up a register or template (different from main DM registry)	Keep track using Excel, paper, other
Target Group List: Submitting to IHS	Upload and store in WebAudit	Enter into SOS
RKM Data for Target Group Members	Upload and store in WebAudit	Enter into SOS
Baseline RKM Result	Two options: 1. Create Audit data file for Target Group for Jan-Dec of previous year>Upload into WebAudit>Pull into SOS 2. Aggregate (generally only for education BPs)	Two options: 1. Individual Entry 2. Aggregate (often appropriate for education BP)
Final RKM Result	Create Audit data file for Target Group for Jan-Dec of budget period>Upload into WebAudit>Pull into SOS	Submit into SOS using Individual Entry

Reasons to create a separate SDPI Register or Template from an IHS Register

- IHS Diabetes registers are usually updated throughout the year:
  - adding new diabetes patients
  - removing patients because they are no longer active at your facility
- SDPI Target Group members should remain the same during the grant period. Generally patients/participants will not be added.
- SDPI Target Group members may include some or all of the patients on your IHS Diabetes Register.
- An Audit report, RKM report, and Audit data export file can be generated in the RPMS/DMS program from an SDPI Register or Template.

Note: RPMS iCare panel or Excel spreadsheet can be created for tracking, but you cannot run a Diabetes Audit on these.

Register vs Template

	Register	Template
Target Group List: Local	Create a new Register in RPMS Case Management for SDPI TG Register separate from the IHS DM Register • Active patients	Create a Template in QMAN from IHS DM Register • Active patients
	Populate SDPI Target Group Register: 1. Enter patients manually (one at a time) 2. Transfer patients from a QMAN-generated search template	QMAN Search Template 1. One time search that remains static 2. Can be used for reporting Baseline, Mid and Final Reporting
RKM Data Submission	1. In DMS create an Audit data file for Target Group using **SDPI TG Diabetes Register** for Jan-Dec of previous year>Upload into WebAudit>Pull into SOS	1. In DMS create an Audit data file for Target Group using **Search Template** created for Jan-Dec of previous year>Upload into WebAudit>Pull into SOS

IHS RPMS:
DMS-Case Management-QMAN

- If you don't have access to the RPMS DMS, Case Management System (ACM) or QMAN, consult with your local IT about getting access.
- System users will require the following Security Keys :

Diabetes Management System:

BDMZMENU
BDMZ REGISTER MAINTENANCE
BDMZ SWITCH OLD DX ENTRIES

Case Management System:

ACMZMENU

PCC Management Reports:

APCLZMENU
APCLZ TAXONOMY SETUP

QMAN (menu option in DMS; but these keys are needed)

AMQQZMENU
AMQQZCLIN
AMQQZRPT

Case Management: Creating a Register

```
**************************************
**      CASE MANAGEMENT SYSTEM      **
**************************************

                    MAIN MENU

CR     Create/Modify Register Structure
AU     Add Authorized Users
BL     Build Supporting Lists
DL     Display Supporting Lists ...
AD     Add/Delete Patients ...
DE     Data Entry
RG     Report Generation ...
RD     Resource Directory ...
QMAN   Q-Man (PCC Query Utility)
DEL    Delete Entire Register
CLM    Custom letter Management ...
ECR    Display/Edit Register Creator
LTR    Manage Recall Letters ...
PDM    Install Pre-Diabetes Register
IDR    Install IHS Diabetes Register

Select Case Management System <TEST ACCOUNT> Option: CR
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CASE MANAGEMENT SYSTEM

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REGISTER SELECTION UTILITY

IHS DIABETES
2021 SDPI DIABETES
2023 DKB DIABETES
SDPI NON DIABETES
DKB PREDIABETES
DIABETES REGISTER

IHS PREDIABETES
2023 SPECIAL DIABETES PI
DKB DIABETES REGISTER
SDPI diabetes register

REGISTER: 2023 SDPI DIABETES [ENTER]

Note: “DIABETES” has to be in the “Register” Name.

REGISTER: **2023 SDPI DIABETES**

Are you adding '2023 SDPI DIABETES' as

a new CMS REGISTER TYPE (the 42ND)? No// Y (Yes)

REGISTER NAME: 2023 SDPI DIABETES// [ENTER]

DATE ESTABLSD: T (OCT 13, 2023)

REGISTER CREATOR: WILEY-BRADLEY,DORINDA//

HEALTH SUMMARY DISPLAY: ??

A "YES" entry will display a message on the PCC Health Summary that the patient is a member of this Register. Consider the CONFIDENTIAL nature of this Register before answering "YES".

Choose from:

1 YES

0 NO

HEALTH SUMMARY DISPLAY: N NO

BRIEF DESCRIPTION: SDPI PARTICIPANT LIST 2023

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CUSTOMIZE 2023 SDPI DIABETES REGISTER

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1) CARE PLANS
2) CASE HISTORY
3) CASE REVIEW DATES <**
4) COMMENTS
5) COMPLICATIONS
6) DIAGNOSES
7) DIAGNOSTIC CRITERIA
8) ETIOLOGY
9) FAMILY MEMBERS
10) INTERVENTIONS
11) MEASUREMENTS
12) MEDICATIONS
13) RECALL DATES
14) REGISTER DATA <**
15) RISK FACTORS
16) SERVICES
17) All data types

<** Indicates automatic selection of Register Component

'A' to ADD, 'D' to DELETE option(s) or 'H' for HELP ==> [ENTER]

Adding Authorized Users to New Registry

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**************************************
**      CASE MANAGEMENT SYSTEM      **
**************************************

                MAIN MENU

CR     Create/Modify Register Structure
AU     Add Authorized Users
BL     Build Supporting Lists
DL     Display Supporting Lists ...
AD     Add/Delete Patients ...
DE     Data Entry
RG     Report Generation ...
RD     Resource Directory ...
QMAN   Q-Man (PCC Query Utility)
DEL    Delete Entire Register

Select Case Management System Option: AU
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CASE MANAGEMENT SYSTEM

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REGISTER SELECTION UTILITY

IHS DIABETES
2021 SDPI DIABETES
2023 DKB DIABETES
SDPI NON DIABETES
DKB PREDIABETES REGISTER
IHS PREDIABETES
2023 SPECIAL DIABETES PI
DKB DIABETES REGISTER
SDPI diabetes register
2023 SDPI DIABETES

REGISTER: 2023 SDPI DIABETES [ENTER]

Authorized User

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2023 SDPI DIABETES REGISTER

****

AUTHORIZED USERS

Select AUTHORIZED USER: WILEY-BRADLEY,DORINDA

Are you adding 'WILEY-BRADLEY,DORINDA' as

a new AUTHORIZED USER (the 1ST for this CMS REGISTER TYPE)?

No// Y (Yes)

Select AUTHORIZED USER: [Add Additional Users]

Manual Entry Into Registry in CMS

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**********************************
**     CASE MANAGEMENT SYSTEM     **
**********************************

                MAIN MENU

CR     Create/Modify Register Structure
AU     Add Authorized Users
BL     Build Supporting Lists
DL     Display Supporting Lists ...
AD     Add/Delete Patients ...
DE     Data Entry
RG     Report Generation ...
RD     Resource Directory ...
QMAN   Q-Man (PCC Query Utility)
DEL    Delete Entire Register
CLM    Custom letter Management ...
LTR    Manage Recall Letters ...
PDM    Install Pre-Diabetes Register
IDR    Install IHS Diabetes Register
```

Select Case Management System Option: **AD**

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** CASE MANAGEMENT SYSTEM **

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REGISTER SELECTION UTILITY

2023 DKB DIABETES	2021 SDPI DIABETES
2023 SPECIAL DIABETES PI	2024 DIABETES REGISTER
DKB DIABETES REGISTER	DKB PREDIABETES REGISTER
IHS DIABETES	2023 SDPI DIABETES

REGISTER: 2023 SDPI DIABETES

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2023 SDPI DIABETES REGISTER

****

VERSION 2.0

PATIENT DATA MANAGEMENT

AP Add Patient(s)

DP Delete Patient from Register

TX Data Transfer From A Search Template

Select Add/Delete Patients Option: AP

Manual Entry of Patient into Registry

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2023 SDPI DIABETES REGISTER

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PATIENT LOOKUP UTILITY

Select CLIENT

NAME OR CHART: 125369 [ENTER NAME OR CHART NUMBER]

Manual Entry in DMS

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** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 16)

MAIN MENU

RM Register Maintenance ...

AS Audit Setup ...

AR Audit Reporting ...

Select Diabetes Management System Option: **RM**

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** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 16)
REGISTER MAINTENANCE

RM Register Management ...
PM Patient Management
DMU Update Diabetes Patient Data
AP Add Patients from Template
DEL Delete Patient from the Register
LM Letter Management ...
RR Register Reports ...
DPCS Display a Patient's DIABETES CARE SUMMARY

Select Register Maintenance Option: **PM**

Select DIABETES Register

No.	Register Name	# Active	# members	Last patient update members
1	2023 SDPI DIABETES	0	0	06/30/2023
2	DKB PREDIABETES REGISTER	6	6	12/02/2022
3	IHS DIABETES	4	25	12/02/2022

Which REGISTER: (1-2): 1

Register being checked to update status of deceased patients.

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

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** DIABETES MANAGEMENT SYSTEM **

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VERSION 2.0 (Patch 16)

MAIN MENU – **2023 SDPI DIABETES**

Select PATIENT NAME: **125369**

JALAPENO,JOLLY F 03-04-1950 XXX-XX-5544 TST 125369

JALAPENO,JOLLY is not on the 2023 SDPI DIABETES

Add this client to the Register? NO// **Yes**

Note: Review 2023 DMS Orientation Webinar for additional information.

QMAN:
Creating a Search Template

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**************************************
**      CASE MANAGEMENT SYSTEM      **
**************************************

                    MAIN MENU

   CR     Create/Modify Register Structure
   AU     Add Authorized Users
   BL     Build Supporting Lists
   DL     Display Supporting Lists ...
   AD     Add/Delete Patients ...
   DE     Data Entry
   RG     Report Generation ...
   RD     Resource Directory ...
   QMAN   Q-Man (PCC Query Utility)
   DEL    Delete Entire Register
   CLM    Custom letter Management ...
   ECR    Display/Edit Register Creator
   LTR    Manage Recall Letters ...
   PDM    Install Pre-Diabetes Register
   IDR    Install IHS Diabetes Register

Select Case Management System Option:  QMAN
```

***** WELCOME TO Q-MAN: THE PCC QUERY UTILITY *****

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** WARNING...Q-Man produces confidential patient information.
** View only in private. Keep all printed reports in a secure area.
** Ask your site manager for the current Q-Man Users Guide.

****

Query utility: IHS PCC SUITE Q-MAN Ver. 2.0
Current user: DORINDA WILEY-BRADLEY
Chart numbers will be displayed for: 2021 DEMO HOSPITAL (INST)
Access to demographic data: PERMITTED
Access to clinical data: PERMITTED
Programmer privileges: YES

Enter RETURN to continue or '^' to exit: [ENTER]

***** Q-MAN OPTIONS *****

Select one of the following:

1	**SEARCH PCC Database (dialogue interface)**
2	FAST Facts (natural language interface)
3	RUN Search Logic
4	VIEW/DELETE Taxonomies and Search Templates
5	FILEMAN Print
9	HELP
0	EXIT

Your choice: SEARCH// PCC Database (dialogue interface) [ENTER]

***** SEARCH CRITERIA *****

What is the subject of your search? LIVING PATIENTS // **REGISTER**
REGISTER

Include list of upcoming appts for the patient? NO// [ENTER]

Which CMS REGISTER: **IHS DIABETES** **[Your main Diabetes Register]**

Register being checked to update status of deceased patients.
Select the Patient Status for this report

1 Active
2 Inactive
3 Transient
4 Unreviewed
5 Deceased
6 Non-IHS
7 Lost to Follow-up
8 All Register Patients

Which Status(es): (1-8): 1// 1 [ENTER]

Select the Diabetes Register Diagnosis for this report

Select one of the following:

1 Type 1
2 Type 2
3 Type 1 & Type 2
4 Gestational DM
5 Impaired Glucose Tolerance
6 All Diagnoses

Which Register Diagnosis: All Diagnoses// All Diagnoses.... [ENTER]

There are 4 register patients for the combination selected.

Attribute of IHS DIABETES: [ENTER] [No additional attributes]

***** Q-MAN OUTPUT OPTIONS *****

Select one of the following:

1	DISPLAY results on the screen
2	PRINT results on paper
3	COUNT 'hits'
4	**STORE results of a search in a FM search template**
5	SAVE search logic for future use
6	R-MAN special report generator
7	DELIMITED file via screen capture
9	HELP
0	EXIT

Your choice: DISPLAY// 4 STORE results of a search in a FM search template

Enter the name of the SEARCH TEMPLATE: **DKB 2023 SDPI TEMPLATE**

Enter the name of the **SEARCH TEMPLATE**: **DKB 2023 SDPI TEMPLATE**
Are you adding **'DKB 2023 SDPI TEMPLATE'** as a new SORT TEMPLATE? No// Y (Yes)

DESCRIPTION:
No existing text
Edit? NO//

Next, you will be asked about creating your template in background...

Answer 'YES' to run in background.

To run in background means to pass the template creation job off to Taskman. Your terminal will be released so additional RPMS work may be performed while the template is being created. When finished, Taskman will send you a Mailman message indicating that the job is ready. Then, you may use the template in future Qman searches, PGEN, VGEN and other reports that can utilize templates.

Answer 'NO', to create the search template in foreground.

While the template is being created, data will be displayed to your screen. When the job has finished, you will have the opportunity to go to PGEN or VGEN. Remember ... some templates may take a very long time to finish.

Press ENTER to continue or '^' to quit:

Want to run this task in background? No// [ENTER EITHER Y or N]

...HMMM, HOLD ON..

PATIENTS 2103 D
NUMBER

MOUSE,MICKEY 385465
NO CASH,JOHNNY 185963
MOUSE,MINNIE JAN 77778
JALAPENO,JOLLY 125369

Search template completed... [DKB 2023 SDPI TEMPLATE]

This query generates 4 "hits"
Time required to create search template: 55 SECONDS

Select one of the following:

P Go to PGEN
V Go to VGEN
Q Continue with Qman

Enter your choice: Q// [ENTER] EXIT from QMAN

Using RPMS to Create a Diabetes Template for Your SDPI Target Group

In RPMS: select Case Management System (ACM) (CSM) (CM)

1. Main Menu select QMAN
2. Select // Search PCC Database
3. Subject of search // Register [You will need to name your Registry]
4. Include appointment // No
5. Which CMS Register // [name the diabetes register your are searching]
6. Select patient status // [Active]
7. Select diagnosis// All diagnosis
8. Store results in a search template
9. Name the search template [Use your initials in Search Template]
10. Select how your want to create the template:
    - Yes, if you want template to run in background [Large Registry]
    - No, if you want template to run in the foreground

Using the Search Template to Populate the SDPI Diabetes Register

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**************************************
**      CASE MANAGEMENT SYSTEM      **
**************************************

                    MAIN MENU

CR     Create/Modify Register Structure
AU     Add Authorized Users
BL     Build Supporting Lists
DL     Display Supporting Lists ...
AD     Add/Delete Patients ...
DE     Data Entry
RG     Report Generation ...
RD     Resource Directory ...
QMAN   Q-Man (PCC Query Utility)
DEL    Delete Entire Register
CLM    Custom letter Management ...
ECR    Display/Edit Register Creator
LTR    Manage Recall Letters ...
PDM    Install Pre-Diabetes Register
IDR    Install IHS Diabetes Register

Select Case Management System Option:  AD
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2023 SDPI DIABETES REGISTER

****

VERSION 2.0

PATIENT DATA MANAGEMENT

AP Add Patient(s)

DP Delete Patient from Register

TX Data Transfer From A Search Template

Select Add/Delete Patients Option: TX

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** CASE MANAGEMENT SYSTEM **

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Transfer from SEARCH TEMPLATE

Select SEARCH TEMPLATE: DKB 2023 SDPI TEMPLATE
(June 30, 2023) User #3020 File #9000001 INQ

There are 4 patients in this SEARCH TEMPLATE.

REGISTER SELECTION UTILITY

IHS DIABETES DKB PREDIABETES REGISTER
2023 SDPI DIABETES

REGISTER: 2023 SDPI DIABETES

REGISTER: 2023 SDPI DIABETES

Register being checked to update status of deceased patients.

Select one of the following:

A ACTIVE
I INACTIVE
U UNREVIEWED

Enter Patient Transfer Status: A// CTIVE

The following transfer has been selected:

From SEARCH TEMPLATE: DKB 2023 SDPI TEMPLATE
To CMS register: 2023 SDPI DIABETES
Transfer Status: A - ACTIVE

Is that what you want? No// Y

Transfer of patients will be done in background mode. All patients will be entered as ACTIVE. All cases should be reviewed and all patient data updated in the 2023 SDPI DIABETES register.

Press <ENTER> to continue..... [ENTER]

The SDPI DIABETES register is now populated.

Create an Audit Data (Export) File for Upload into the WebAudit

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** DIABETES MANAGEMENT SYSTEM **

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VERSION 2.0 (Patch 16)

MAIN MENU

RM Register Maintenance ...

AS Audit Setup ...

AR Audit Reporting ...

Select Diabetes Management System Option: **AR**

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** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 16)

DEMO HOSPITAL (INST)

AUDIT REPORTING

DM23 2023 Diabetes Audit
DM22 2022 Diabetes Audit
DM21 2021 Diabetes Audit
DM20 2020 Diabetes Audit
DM19 2019 Diabetes Audit

Select Audit Reporting Option: DM23

Select Audit Setup Option: DQC 2023 Data Quality Check Report

In order for the 2023 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.
DRUG taxonomy [DM AUDIT SULFONYLUREA-LIKE] has no entries
DRUG taxonomy [DM AUDIT TIRZEPATIDE DRUGS] has no entries

End of taxonomy check. HIT RETURN:

Select DIABETES Register

No.	Register Name	# Active members	# members	Last patient update
1	2023 DKB DIABETES	6	6	07/24/2023
2	**2023 SDPI DIABETES**	**4**	**4**	**06/30/2023**
3	IHS DIABETES			

Which REGISTER: (1-5): **2**

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** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 17)

MAIN MENU - 2023 SDPI DIABETES

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: 06/30/2023 (optional mid-year Interim)

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 4 patients in the 2023 SDPI 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
Note: (After each // select default by hitting ENTER)

There are 4 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 2023 SDPI TG

I am going to create a file called dkb 2023 sdpi tg.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 2023 sdpi tg.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 2023 sdpi tg.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 [ENTER]

Select one of the following:

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

Demo Patient Inclusion/Exclusion: E// xclude DEMO Patients

Won't you queue this ? Y// [SELECT either Y or N]
Requested Start Time: NOW// [ENTER] or [ENTER a date/time]

Note: QUEUE – may want to select YES if registry is large.

Audit Export Data File from your Search Template

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** DIABETES MANAGEMENT SYSTEM **

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VERSION 2.0 (Patch 16)

MAIN MENU

RM Register Maintenance ...

AS Audit Setup ...

AR Audit Reporting ...

Select Diabetes Management System Option: **AR**

Select DIABETES Register

No.	Register Name	# Active members	# members	Last patient update
1	2023 DKB DIABETES	6	6	07/24/2023
2	IHS DIABETES	4	6	06/30/2023
3	2023 SDPI DIABETES	4	4	10/13/2023

Which REGISTER: (1-3): 2

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

VERSION 2.0 (Patch 16)

MAIN MENU – IHS DIABETES [MAIN REGISTRY]

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: 06/30/2023 (JUN 30, 2023)

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// S
Enter Search Template Name: **DKB 2023 SDPI TEMPLATE [QMAN SEARCH]**

There are 4 patients in the **DKB 2023 SDPI TEMPLATE** template/cohort.

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// O

Limit the patients who live in a particular community? N// O
[Hit ENTER for all Defaults]

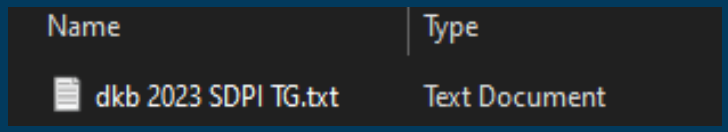
Select one of the following:

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 [Same process for naming Audit Export file]

Audit Data File

Examples:



Audit2023DemoData_N5.txt - Notepad

File Edit Format View Help

```
AUDITDATE^FACILITYNA^REVIEWER^STATE^MOB^YOB^SEX^DODX^DMTYPE^TOBSCREEN^TOBACCO^TOBCOUNSEL^ENDSSCREEN^ENDSSTATUS^FEET^INC
12/31/2022^DEMODATA^KLS^NM^6^1963^2^1/19/2012^2^1^2^ ^1^2^5^3.78^171^1^127^80^126^81^105^62^1^1^1^2^1^2^1^1^2^2^1^2^2^1
12/31/2022^DEMODATA^KLS^NM^3^1953^1^11/3/1995^2^1^2^ ^1^2^5^0.91^133^1^153^88^134^64^151^77^1^1^1^2^1^2^1^1^2^1^1^2^2^2
12/31/2022^DEMODATA^KLS^NM^5^1964^2^3/1/1985^2^1^2^ ^1^2^5^4^180^1^123^73^136^97^128^84^1^1^2^2^1^4^1^1^2^1^1^2^1^2^2^2
12/31/2022^DEMODATA^KLS^NM^3^1957^1^6/10/2011^2^1^2^ ^1^2^5^0.63^160^1^147^74^138^81^157^71^1^1^1^2^1^2^1^1^2^2^1^2^1^2
12/31/2022^DEMODATA^KLS^NM^12^1959^2^1/1/1982^2^1^2^ ^1^2^5^3^169^1^128^79^124^78^119^73^1^1^1^1^ ^2^1^1^2^1^1^2^1^1^2^1
```

Note:

- IT staff may need to retrieve the Audit Export File
  - Provide the name of the file and where you want it placed
  - Do not send it through email
- 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.

DMS: RKM Report

****

** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 16)

MAIN MENU

RM Register Maintenance ...

AS Audit Setup ...

AR Audit Reporting ...

Select Diabetes Management System Option: **AR**

****

** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 16)

DEMO HOSPITAL (INST)

AUDIT REPORTING

DM23 2023 Diabetes Audit
DM22 2022 Diabetes Audit
DM21 2021 Diabetes Audit
DM20 2020 Diabetes Audit
DM19 2019 Diabetes Audit

Select Audit Reporting Option: DM23

****

** DIABETES MANAGEMENT SYSTEM **

****

VERSION 2.0 (Patch 17)

MAIN MENU - 2023 SDPI DIABETES

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: 06/03/2023

Select DIABETES Register

No.	Register Name	# Active members	# members	Last patient update
1	2023 DKB DIABETES	6	6	07/24/2023
2	**2023 SDPI DIABETES**	**4**	**4**	**06/30/2023**
3	IHS DIABETES	4	6	

Which REGISTER: (1-5): **2**

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// 5 **SDPI RKM Report**

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// B (BROWSE Output on Screen)

IHS Diabetes Care and Outcomes Audit - RPMS

SDPI Required Key Measures Report for 2023 (01/01/2023 to 12/31/2023)

Facility: DEMO HOSPITAL

Annual Audit/SDPI Reporting

4 patients were audited

	# of Patients (Numerator)	# Considered (Denominator)	Percent
Aspirin or Other Antiplatelet Therapy in Cardiovascular Disease (CVD)			
In patients with diagnosed CVD, aspirin or other antiplatelet/anticoagulant therapy currently prescribed	0	0	0%
Blood Pressure (BP) Control			
BP <140/<90 mmHg (one value or mean of 2 or 3 values)	1	4	25%
Chronic Kidney Disease Screening and Monitoring			
In age >=18 years, both UACR and eGFR done	0	3	0%
Dental Exam			
Dental exam received	0	4	0%
Depression Screening			
Screened and/or active diagnosis during Audit period	0	4	0%
Diabetes-Related Education			
Any diabetes topic (nutrition,	2	4	50%

SDPI RKM Report

Oct 14, 2023 Page 7

IHS Diabetes Care and Outcomes Audit - RPMS
SDPI Required Key Measures Report for 2023 **(07/01/2022 to 06/30/2023)**
Facility: DEMO HOSPITAL (INST)
Annual Audit/SDPI Reporting

4 patients were audited

	# of Patients (Numerator)	# Considered (Denominator)	Percent
Immunizations: Pneumococcal Pneumococcal vaccine (PCV15, PCV20, or PPSV23) - ever	2	4	50%
Immunizations: Tetanus/Diphtheria Td/Tdap/DTap/DT - past 10 years	0	4	0%

WebAudit – SOS
Uploading and Submitting RKM

SDPI Outcomes System (SOS) Webpage

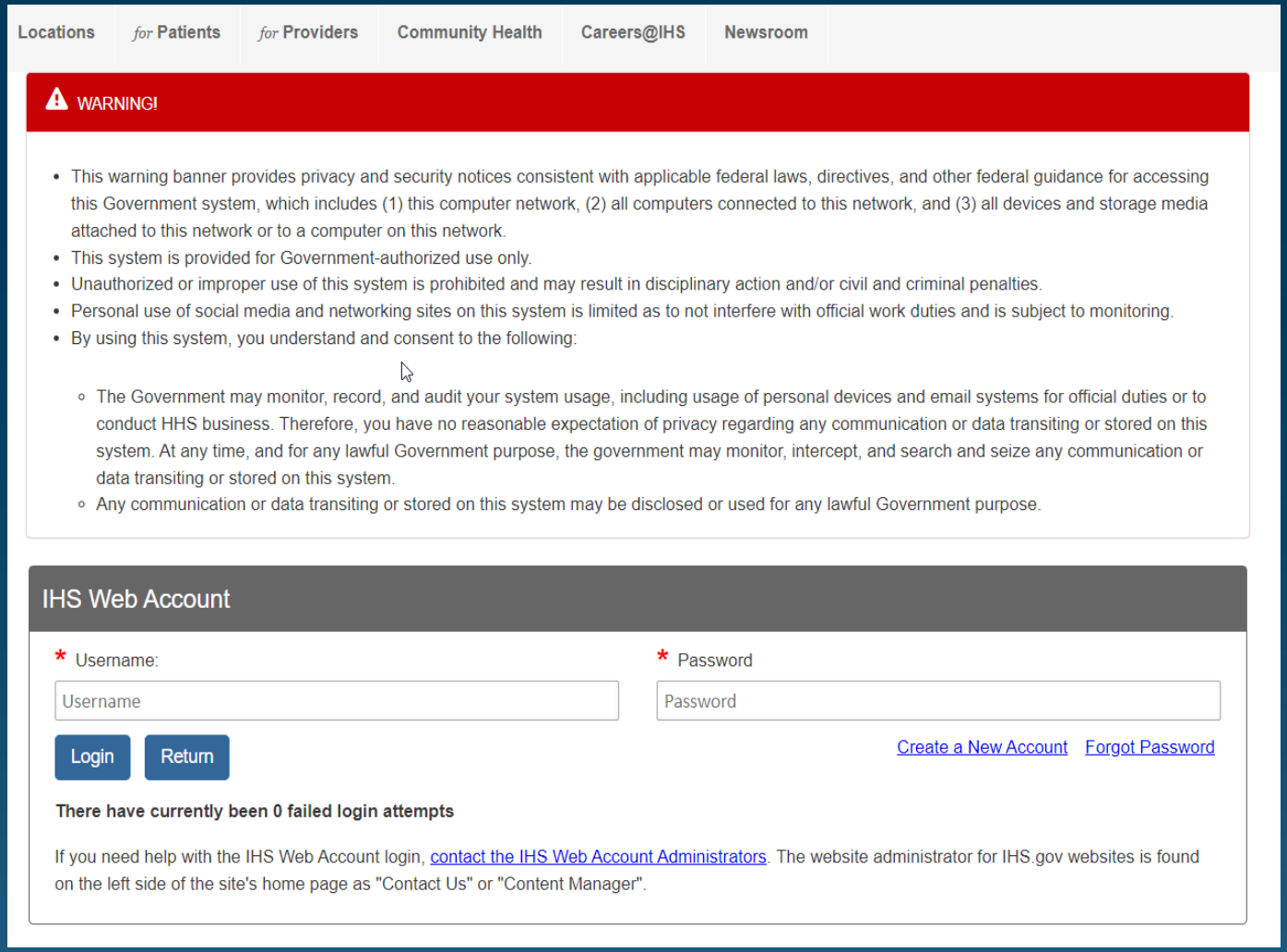
Special Diabetes Program for Indians (SDPI)
SDPI Outcomes System (SOS)
Checklist for Submitting Required Key Measure (RKM) Data
Last Updated: May 2023

Method: Electronic Medical Record (EMR) to WebAudit to SOS
Time Period: 2023 Mid-Year **(Optional)**
Goal Submission Date: June 30, 2023

Step	Description	Resources	Completed?
1	**Request access to the SOS**, if you do not already have it. If you have accessed the SOS previously, but cannot remember your username, contact the SDPI team at sdpi@ihs.gov.	SOS webpages[1]	☐
2	**Review your program's previously submitted 2023 RKM result(s) in the SOS.** **Steps:** - Log into the SOS. - Click on "Submit RKM Data". - Click on "Pull from WebAudit". - Ensure 2023 is selected as the year (click "Go" next to the year). - Baseline RKM result should be displayed in the section "RKM Results Submitted for FY 2023". Other (optional) results may also be displayed. If baseline RKM result cannot be found or is not correct, contact your Area Diabetes Consultant[2] or the SDPI Team at sdpi@ihs.gov.	SOS webpages[1]	☐
3	**Review the list of your Target Group members in your EMR (RPMS or other).** **Tips:** - In RPMS this can be a register or template of patients. - Be sure to select the register or template for your **2023** Target Group. - The number in the Target Group should be the same as the denominator for your baseline RKM result (Step 2).	Best Practices[3]	☐

ttps://www.ihs.gov/sdpi/sdpi-outcomes-system-sos/
ttps://www.ihs.gov/diabetes/about-us/area-diabetes-consultants-adc/
ttps://www.ihs.gov/sdpi/sdpi-community-directed/diabetes-best-practices/

Log into the System



DDTP Data Systems

IHS Division of Diabetes (DDTP) Data Systems

SDPI Outcomes System (SOS)

WebAudit

Sign Out

IHS Division of Diabetes (DDTP) Data Systems

Welcome Dorinda Wiley-Bradley

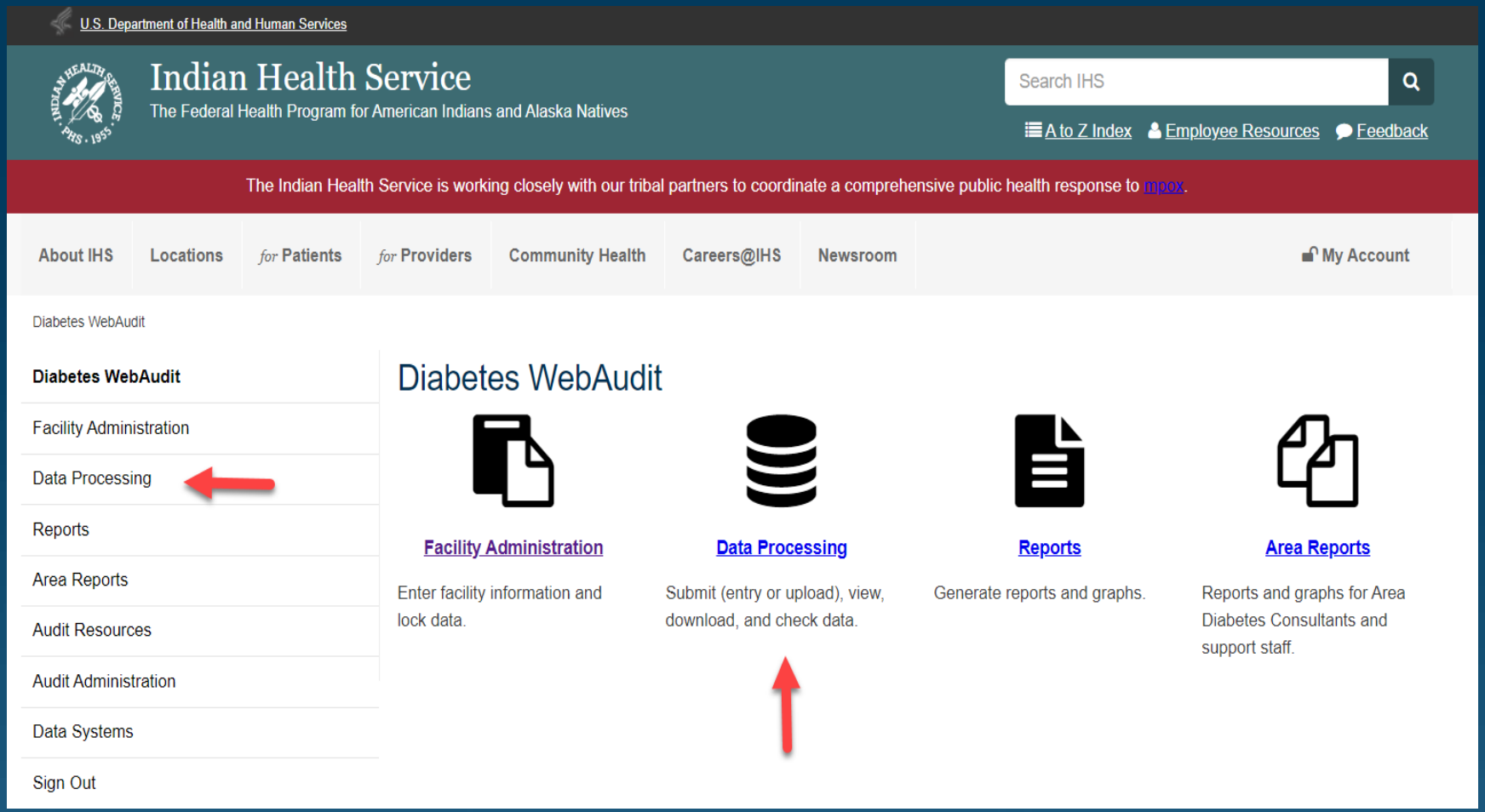
Choose a DDTP System

SDPI Outcomes System (SOS) – Tools for SDPI grantees to submit Required Key Measure data for their selected Diabetes Best Practice

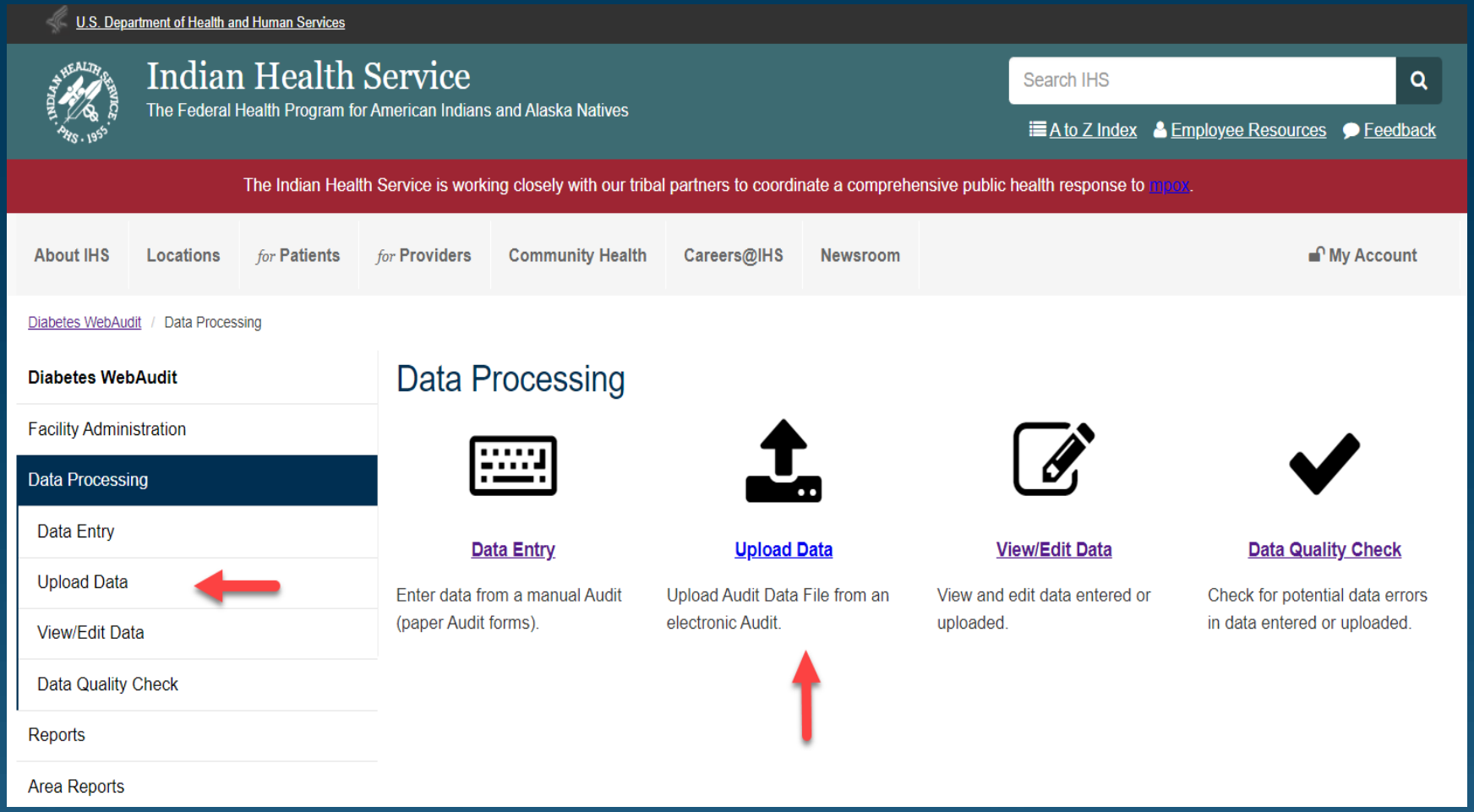
WebAudit – Tools for conducting IHS Diabetes Audits

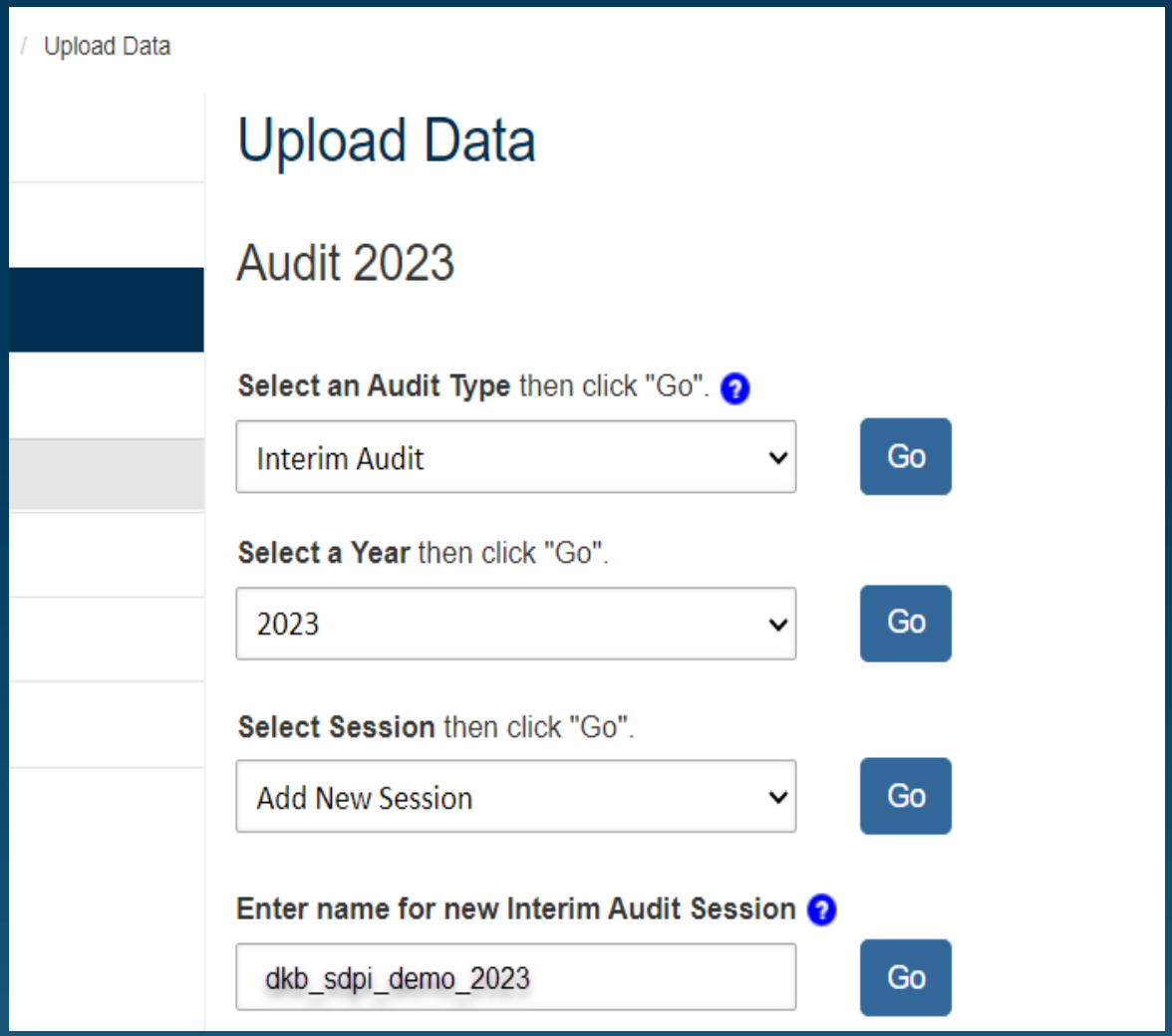
IHS Web Account

Select: Data Processing

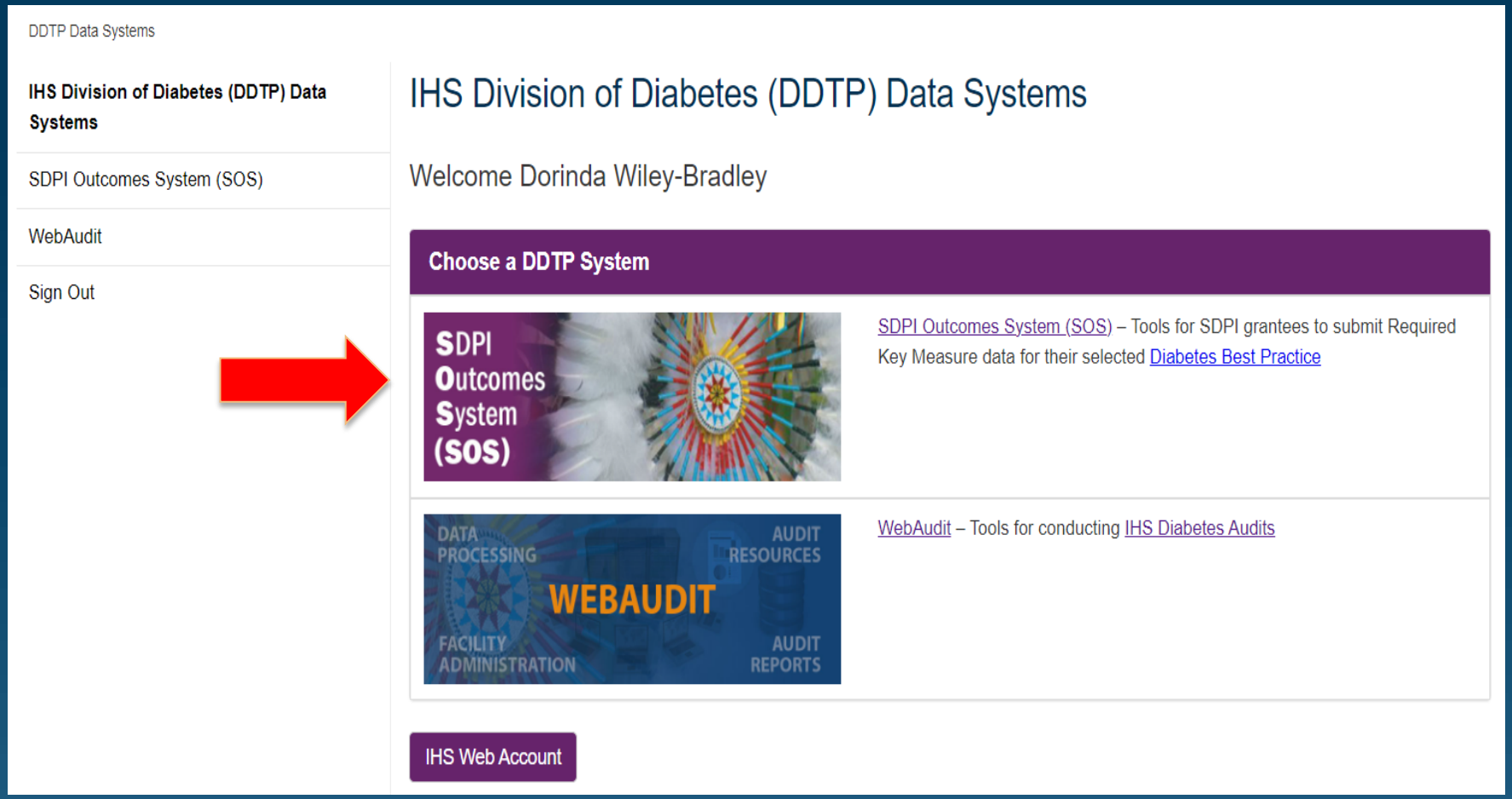


Select: Upload Data

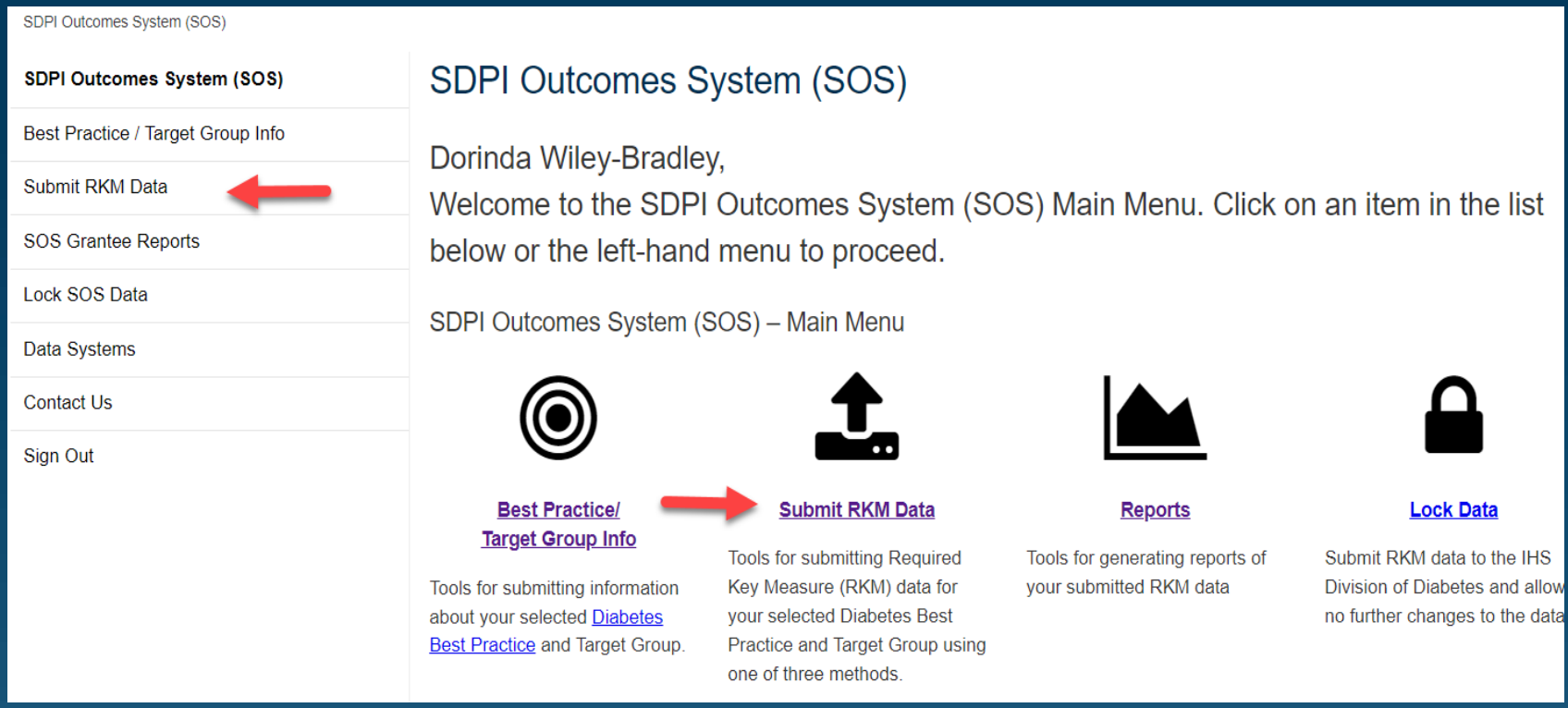



/ Upload Data
Upload Data
Audit 2023
Select an Audit Type then click "Go".
Interim Audit
Go
Select a Year then click "Go".
2023
Go
Select Session then click "Go".
Add New Session
Go
Enter name for new Interim Audit Session
dkb_sdpi_demo_2023
Go

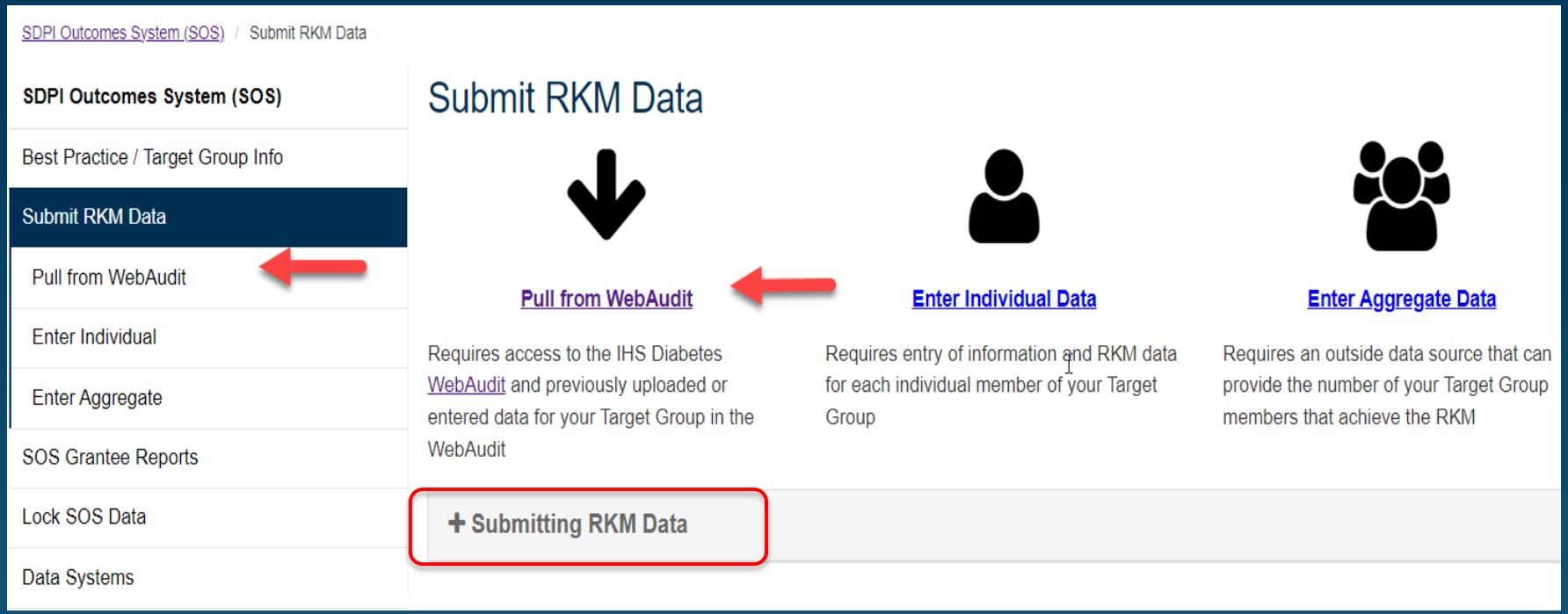
From WebAudit to SOS



SOS: Submit RKM Data



SOS: Pull from the WebAudit



Pull from WebAudit

Pull Aggregate Data from the WebAudit

Select a grantee by first selecting an area from the drop down menu and clicking **Go**, then selecting the desired grantee name and clicking **Go**.

Select a year and click "Go".

2023 Go

+ Pulling RKM Data from the WebAudit

Grantee Name: ABQ
Fiscal Year: 2023

Selected Best Practice: Immunizations: Pneumococcal

Facility Name: Test04 KLS

Select the Audit session with data for your Target Group for the relevant time period from the drop down menu, then click **Go**.

Select Audit Session:

2023 Interim - dkb_spdi_demo_2023 06-30-2023 Go

Pull and Submit RKM Data from the WebAudit

Required Key Measure:

Number and percent of individuals in your Target Group who have ever received a pneumococcal vaccine (includes PPSV23, PCV15, and/or PCV20).

Numerator	Denominator	Percent
2	4	50%

Submit Cancel

RKM Results Submitted for FY 2023

Required Key Measure:

Number and percent of individuals in your Target Group who have ever received a pneumococcal vaccine (includes PPSV23, PCV15, and/or PCV20).

Edit	Remove	Numerator	Denominator	Percent	Source	Date Submitted	Submitted By
		2	4	50%	WebAudit: Test04 KLS - 2023 Interim - dkb_spdi_demo_2023	06-30-2023	dkwbradley

WebAudit/RKM Data - Considerations

- If you are using the WebAudit method with RPMS/DMS:
  - Use Audit 2023 in DMS.
  - Use 12/31/2023 as the Audit Period End Date.
  - In the WebAudit select the year that matches the DMS "version" – 2023 for DM23.
- If the Denominator is "very" different from your Target Group Number:
  - Check that your baseline Audit was run on the correct registry/list.
  - Rerun and resubmit if necessary.

Additional Considerations

- Each individual is assigned a random ID number (participant identifier) by the SOS. There is no way to connect SOS ID number with identifying information about an individual within the SOS. Your program should **add** the SOS ID number to your local list.
- Since your local list will contain personal identifiers, be sure to store it in an appropriately secure location on your computer or network.
- Be sure that more than one team member knows where your local list is stored and has access to it.

Resources:
Checklist and Code Lists

SOS Information and Resources

- **SOS Website**: https://www.ihs.gov/sdpi/sdpi-outcomes-system-sos/
  - Checklists for RKM data submission on General Information webpage
  - Recorded webinars on Training webpage
- **Other resources:**
  - SDPI website: https://www.ihs.gov/sdpi/
  - Diabetes Audit website: https://www.ihs.gov/diabetes/audit/
  - RPMS website: https://www.ihs.gov/RPMS/

Audit resources

1. **Website:** https://www.ihs.gov/diabetes -> Select “IHS Diabetes Audit” from menu
   - – Materials: RPMS/DMS documentation – 2023 DMS User’s Manual
   - – Training: Live, recorded, DMS
   - – Other information and resources
2. **Support from Audit team (WebAudit and general questions):** email diabetesaudit@ihs.gov
3. **Area Diabetes Consultants/Area Audit Support**
4. **OIT Service Desk (RPMS questions and support):** https://www.ihs.gov/Helpdesk/

Questions?

Thank you!