Oracle® Health Immunization Management Cloud Service
Analytics Guide

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Preface

This preface contains the following sections:

- Documentation accessibility
- Related resources

Documentation accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Related resources

All documentation and other supporting materials are available on the Oracle Help Center.

1

Introduction

This chapter contains the following topic:

- Overview
  This guide contains the information about Oracle Health Immunization Management tables in Oracle Analytics. It also includes information about subject area and metric details. You can use this information to build reports and analyze data on patients (registrants), locations, schedules, and appointments. The guide contains samples on the types of reports you can build.

Overview

This guide contains the information about Oracle Health Immunization Management tables in Oracle Analytics. It also includes information about subject area and metric details. You can use this information to build reports and analyze data on patients (registrants), locations, schedules, and appointments. The guide contains samples on the types of reports you can build.

For details on how to use Oracle Analytics to build reports, see *Getting Started with Oracle Analytics Cloud* and *Connecting Oracle Analytics Cloud to Your Data*. You can also contact your Customer Success manager to take Oracle Analytics training for Oracle Health Immunization Management.

2

Oracle Healthcare Notifications Cloud Service

This chapter contains the following topics:

- Healthcare Notifications Cloud Services report
  If you subscribed to use SMS (text) messages that notify users on registration, appointments, survey invitations, and survey reminders in Oracle Health Immunization Management, your organization may use the Oracle Healthcare Notifications Cloud Services utility to send text messages to patients.

- Monitor healthcare notification usage
  You can access the Notification Service Usage page at any time as long as you signed in with a System Administrator account. The report shows the number of interactions in your subscription, the number of interactions available, and details on the number of messages sent.

Healthcare Notifications Cloud Services report

If you subscribed to use SMS (text) messages that notify users on registration, appointments, survey invitations, and survey reminders in Oracle Health Immunization Management, your organization may use the Oracle Healthcare Notifications Cloud Services utility to send text messages to patients.

For example, if patients use SMS as a contact method, Oracle Health Immunization Management can send them notification messages to verify their login credentials, confirm an appointment, or change an appointment. The Healthcare Notifications Cloud Services utility works with Oracle Health Immunization Management to manage the number of SMS notification messages you requested for your subscription. (To order or renew a subscription, contact your Oracle Customer Success manager.)
You (as an administrator) need to monitor the notification usage to determine when you need to renew your subscription. You can do this by logging into Oracle Analytics and reviewing your Healthcare Notification Service Usage report as described in Monitor healthcare notification usage.

> **✐ Note:**
>
> Although this document describes the tables and subject area for Notification Cloud Services, you do not need to build your own report on this data. The system tracks your notification usage automatically and builds a report for you.

Monitor healthcare notification usage

You can access the Notification Service Usage page at any time as long as you signed in with a System Administrator account. The report shows the number of interactions in your

subscription, the number of interactions available, and details on the number of messages sent.

To access your usage report:

1. Sign in to Oracle Analytics and select **Catalog** from the main menu. For example:
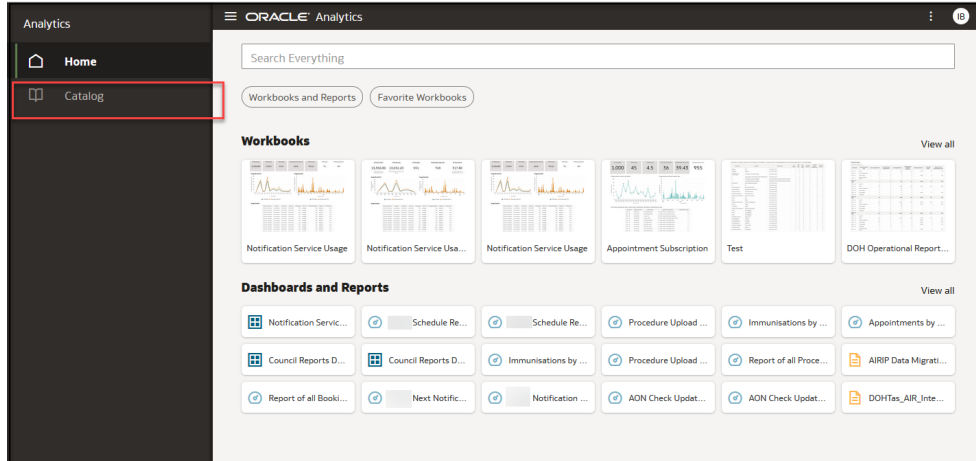
2. Select the **Shared Folders** tab. You see folders with sample content. For example:
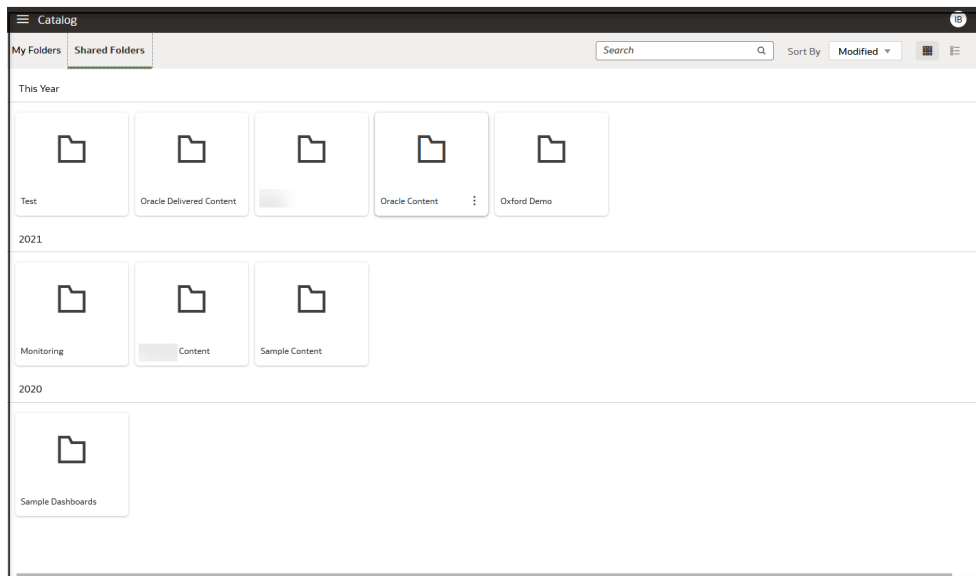
3. Select the **Oracle Content** folder. It opens to your latest notification usage report. For example, it contains data on the number of notifications in your subscription, the number remaining, and shows details on the number of messages, message segments, and interactions sent. For example:
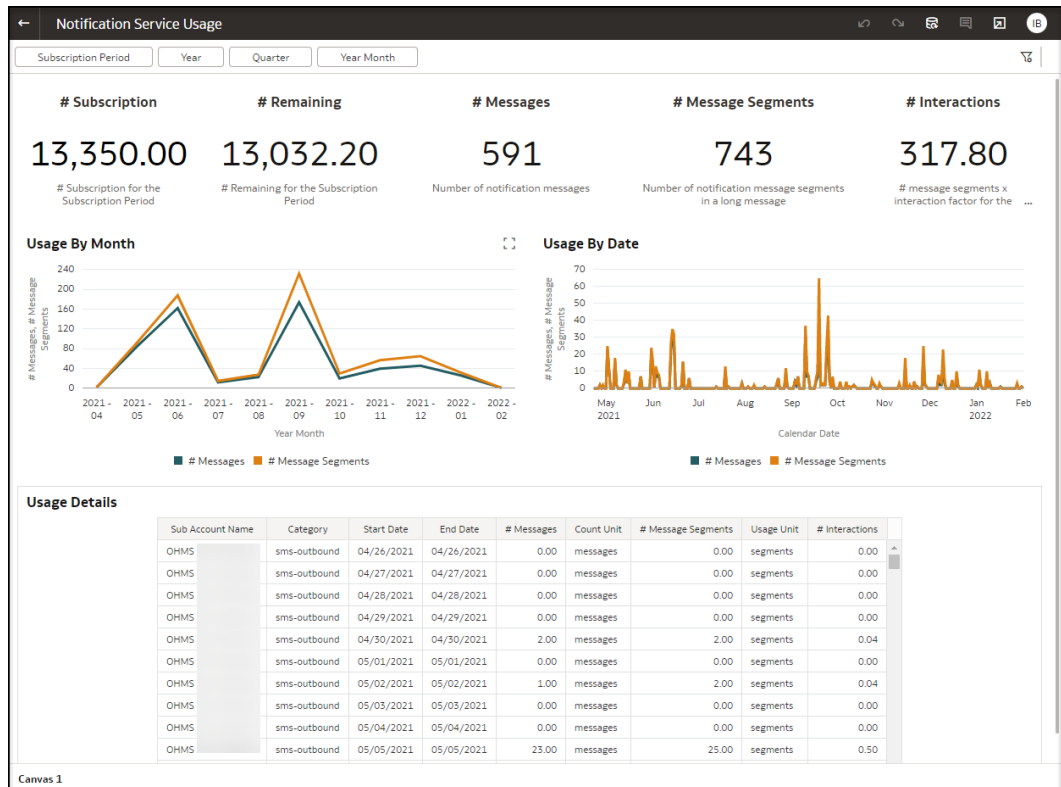
The report shows:

- **# Subscription**: Contracted total number of interactions during the service period

- **# Remaining**: Number of remaining interactions available for use during the service period

- **# Messages**: Number of messages sent

- **# Message Segments**: Actual number of messages sent. The system parses messages over 160 characters into two (or more) message segments

- **# Interactions**: Amount counted towards the amount included in your subscription for the service period. The system calculates this number by multiplying the segments by the interaction factor based on the country where your messages get delivered

> **✎ Note:**
>
> If your remaining messages run low (for example, less than 20% of your subscription amount), contact your Oracle Customer Success Manager to renew your subscription and avoid any disruption in service.

3

Tables

This chapter contains the following topics:

- **Tables overview**
  The Oracle Health Immunization Management tables provide columns with details on patients, locations, schedules, and appointments. The tables categorize the information you can analyze when you build reports from real data in Oracle Analytics. The fact tables include the numeric data on specific types of columns.

- **Administrative - IDCS Login**
  The Administrative - IDCS (Identity Cloud Service) Login table includes columns related to the account information that users entered to log in to Oracle Health Immunization Management.

- **Administrative - IDCS Login Fact**
  The Administrative - IDCS (Identity Cloud Service) Login Fact table includes columns related to the facts on the login process in Oracle Health Immunization Management.

- **Administrative - IDCS Users**
  The Administrative - IDCS (Identity Cloud Service) Users table includes columns related to the user account information that patients or Oracle Health Immunization Management users entered.

- **Appointment History**
  The Appointment History table includes columns related to the reserved appointment information in Oracle Health Immunization Management.

- **Appointment History Fact**
  The Appointment History Fact table includes a column related to the facts on the reserved appointments in Oracle Health Immunization Management.

- **Appointment Slots**
  The Appointment Slots table includes columns related to the appointment slots used in Oracle Health Immunization Management schedules.

- **Appointment Slots Fact**
  The Appointment Slots Fact table includes columns related to the facts on appointment slots used in Oracle Health Immunization Management schedules.

- **Appointment Types**
  The Appointment Types table includes columns related to the appointment booked in Oracle Health Immunization Management.

- **Calendar Date**
  The Calendar Date table includes columns related to the calendar used in Oracle Health Immunization Management to book appointments.

- **Locations**
  The Locations table includes columns related to the locations created in Oracle Health Immunization Management.

- **Manufacturers**
  The Manufacturers table includes columns related to the vaccine manufacturers used for appointments booked in Oracle Health Immunization Management.

- **Notification Log**
  The Notification Log table includes columns related to the notifications sent from Oracle Health Immunization Management.

- **Notification Log Fact**
  The Notification Log Fact table includes a column related to the facts on notification log in Oracle Health Immunization Management.

- **Notification Service Usage**
  The Notification Service Usage table includes columns related to the account and subscription for Oracle Healthcare Notifications Cloud Services used to send SMS messages to patients related to vaccine appointments in Oracle Health Immunization Management.

- **Notification Service Usage Fact**
  The Notification Service Usage Fact table includes columns related to the facts on the number of notification messages sent for appointments in Oracle Health Immunization Management.

- **Notification Service Subscription**
  The Notification Service Subscription table includes columns related to the account and subscription for Oracle Healthcare Notifications Cloud Services used to send SMS messages to patients related to vaccine appointments in Oracle Health Immunization Management. For example, it provides details on when subscription ends and starts again.

- **Patient**
  The Patient table includes columns related to the patient account information that patients or Oracle Health Immunization Management users entered.

- **Patient Fact**
  The Patient Fact table includes a column related to a fact about patients in Oracle Health Immunization Management.

- **Patient Group**
  The Patient Group table includes columns related to the patient group information that a Oracle Health Immunization Management user entered.

- **Patient Notes**
  The Patients Notes table includes columns related to notes about the patient in Oracle Health Immunization Management.

- **Patient Procedures**
  The Patient Procedures table includes columns related to the procedures performed on patients in Oracle Health Immunization Management.

- **Patient Procedures Fact**
  The Patient Procedures Fact table includes columns related to the facts on the procedures performed in Oracle Health Immunization Management.

- **Procedures Summary**
  The Procedures Summary table includes columns related to the summary information on procedures performed in Oracle Health Immunization Management.

- **Procedures Summary Fact**
  The Procedures Summary Fact table includes columns related to the facts on the procedure summary information in Oracle Health Immunization Management.

- **Products**
  The Products table includes columns related to the product used for appointments in Oracle Health Immunization Management.

- **Schedule Details**
  The Schedule Details table includes columns related to the schedules created in Oracle Health Immunization Management.

- **Subscription**
  The Subscription table includes columns related to the subscription dates to use Oracle Healthcare Notifications Cloud Services to send SMS messages to patients related to vaccine appointments in Oracle Health Immunization Management.

- **Tenants**
  The Tenants table includes columns related to tenants who use Oracle Health Immunization Management.

- **Users**
  The Users table includes columns related to the user account information that Oracle Health Immunization Management administrators or users entered.

- **User Login HMS**
  The User Login HMS table includes columns related to the user account information that patients or Oracle Health Immunization Management users entered.

- **User Login HMS Fact**
  The User Login HMS Fact table includes columns related to the facts on the number of user or patient logins to Oracle Health Immunization Management.

Tables overview

The Oracle Health Immunization Management tables provide columns with details on patients, locations, schedules, and appointments. The tables categorize the information you can analyze when you build reports from real data in Oracle Analytics. The fact tables include the numeric data on specific types of columns.

Administrative - IDCS Login

The Administrative - IDCS (Identity Cloud Service) Login table includes columns related to the account information that users entered to log in to Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-1   Administrative - IDCS Columns

Name	Description
ID	Identification number of the user
Login Message	Message to log in
Login Status	Status on login process
Login Timestamp	Time the user logged in
User Name	User name of the user

Administrative - IDCS Login Fact

The Administrative - IDCS (Identity Cloud Service) Login Fact table includes columns related to the facts on the login process in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-2   Administrative - IDCS Login Fact Columns

Name	Description
# Login	Number of times users tried to log in
# Login Failed	Number of login attempts that failed
# Login Success	Number of login attempts that succeeded
# Logined in Users	Number of users logged in
# Users with Failed Login	Number of login attempts that failed
# Users with Login Success	Number of login attempts that succeeded
Last Login Success Timestamp	Time of last successful login

Administrative - IDCS Users

The Administrative - IDCS (Identity Cloud Service) Users table includes columns related to the user account information that patients or Oracle Health Immunization Management users entered.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-3   Administrative - IDCS Users Columns

Name	Description
Activation Status	Active or inactive account status
Created By	Identification number of the user who created the account
Created On	Date account created
Display Name	Name shown in system
First Name	First name of the user
Full Name	First, middle (if any), and last name of the user
Group Display Name	Name of the group
Group Id	Identification number of the group
ID	Identification number of the user
Last Name	Last name of the user
Last Updated By	User name of last user who updated the account
Last Updated On	Date of last update

Table 3-3   (Cont.) Administrative - IDCS Users Columns

Name	Description
Member Type	Type of member
Membership ID	Identification number of the membership
User Name	User name of the user
Work Email	Email address to reach the user
Work Email Verification Status	Verified or unverified work email status

Appointment History

The Appointment History table includes columns related to the reserved appointment information in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-4   Appointment History Columns

Name	Description
Id	Identification number of the reservation
Activity	Activity performed
Activity Source	Source of activity performed
Activity Date	Date activity occurred
Appointment Time	Time of appointment
Change Reason	Reason appointment changed
Confirmation Code	Confirmation code of the reservation
Created By	Identification number of the user who created the record
Created On	Date recorded created
Location Id	Identification number of the location
Other Info	Additional information on the reservation
Patient Id	Identification number of the patient
Slot Id	Identification number of the slot
Appointment Type Id	Identification number of the appointment type
Tenant Id	Identification number of the tenant
Old Slot Id	Identification number of the earlier reservation slot

Appointment History Fact

The Appointment History Fact table includes a column related to the facts on the reserved appointments in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-5   Appointment History Fact Columns

Name	Description
# of History Records	Number of history records processed
# Activity Per Appointment	Number of appointment activities per slot scheduled
# Appointment Activity	Count of interactions made to make an appointment, including counting the activities to make, reschedule, or cancel an appointment (excluding cancel to reschedule)
# Cancelled Appointments	Number of appointments cancelled and not rescheduled.
# Interactions	Count of interactions made to make an appointment, including counting the activities to make, reschedule, or cancel appointments
# New Appointments	Number of new appointments
# Rescheduled Appointments	Number of appointments rescheduled
# of Distinct Slots Per Appointment Activity	Number of distinct slots for interactions made to make an appointment, including counting the activities to make, reschedule, or cancel an appointment (excluding cancel to reschedule)

Appointment Slots

The Appointment Slots table includes columns related to the appointment slots used in Oracle Health Immunization Management schedules.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-6   Appointment Slots Columns

Name	Description
Id	Identification number of the time slot
Appointment Date	Date of the appointment
Appointment Time	Time of the appointment
Appointment Time Hour	Hour of slot
Appointment Status	Status of the appointment (Processed, Results Received, Called from Queue, No Show, Cancelled, Rescheduled)
Assigned On	Time when slot assigned
Called From Queue On	Date called from queue
Checked In On	Date checked in for appointment
Checked In QR Scanned Yes/No	A Yes or No flag that indicates if the patient was checked in and QR scanned
Confirmation Code	Confirmation code for the appointment
Confirmation Sent On	Date confirmation sent

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Table 3-6   (Cont.) Appointment Slots Columns

Name	Description
Consent for Covid Health Condition YN	Yes or No flag for "The patient confirms that none of the health conditions listed on the consent form apply, or they have discussed these and/or any other special circumstances with their regular health care provider and/or vaccination service provider"
Consent for Covid Information YN	Yes or No flag for "The patient confirms that they have received and understood the information provided to then on COVID-19 vaccination"
Consent for Covid Treatment YN	Yes or No Flag for "The patient agrees to receive a course of COVID-19 vaccine (two doses of the same vaccine)"
Consent for Covid Vaccine YN	Yes or No flag to indicate if consent was given or not for a COVID Vaccine
Consent Given By	Who gave consent for the appointment
Followup Sent On	Date appointment followup message sent
Locked Yes/No	A Yes or No flag that indicates if the appointment locked
Vaccinated On	Date patient received vaccination
Vaccinated On Hour	Hour when patient received vaccination
Vaccinated QR Scanned Yes/No	A Yes or No flag that indicates if the patient was vaccinated and QR scanned
Queue Alert Sent On	Date patient queue alert sent
Reminder Sent On	Date reminder message sent
Slot Duration Mins	Duration of time slot in minutes
Slot Number	Number for slot
Soft Locked On	Date the appointment was soft locked
Tracking Number	Tracking number for the appointment
Tracking Number Scanned Yes/No	A Yes or No flag that indicates if the tracking number was scanned or not
Updated By	Identification number of user who last updated the record
Created By	Identification number of the user who created the appointment
Created by Sid	Created by system identification
Created On	Date record created
Updated On	Date record last updated
Appointment Type Id	Identification number of the appointment type
Schedule Detail Id	Identification of schedule detail
Location Id	Identification number of the location
Patient Id	Identification number of the patient
Parent/Guardian First Name	Parent or guardian's first name; consent given for the treatment
Parent/Guardian Last Name	Parent or guardian's last name; consent given for the treatment

Table 3-6   (Cont.) Appointment Slots Columns

Name	Description
Parent/Guardian Phone Calling Code	Parent or guardian's phone calling code
Parent/Guardian Phone Number	Parent or guardian's phone number
Parent/Guardian Relationship Type	Parent or guardian's relationship type

Appointment Slots Fact

The Appointment Slots Fact table includes columns related to the facts on appointment slots used in Oracle Health Immunization Management schedules.

Details
Module: Oracle Health Immunization Management

Table 3-7   Appointment Slots Fact Columns

Name	Description
# of Slots Created	Number of slots created
# of Appointments	Number of appointments by the appointment date
# of Scheduled Appointments	Number of scheduled appointments by the appointment date
# Future Appointments	Number of future appointments from the current day
# Past Appointments	Number of past appointments from the current day
# Assigned	Number of slots by assigned date
# Checked In	Number of slots by checked in date
# Confirmed	Number of slots by confirmation date
# Followed up	Number of slots by followed up date
# Vaccinated	Number of slots by vaccination date
# of No Shows	Number of people who did not check in on appointment date (for example, null check-in date)
% No Shows of Processed	Percentage of no shows by processed appointments
# Not Vaccinated	Total number of No Shows appointments and Unable to Administered procedures

Appointment Types

The Appointment Types table includes columns related to the appointment booked in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns

Id

Table 3-8   Appointment Types Columns

Name	Description
Id	Identification number of the appointment
Code	Code for the appointment type
Appointment Type Name	Name of appointment type
Has Results Yes/No	A Yes or No flag to indicate the appointment includes results
Type	Type of appointment
Maximum Repeats	Maximum number of repeat appointment
Minimum Wait Days	Minimum number of days to wait for an appointment
Maximum Wait Days	Maximum number of days to wait for the appointment
Repeatable Yes/No	A Yes or No flag to indicate the results were repeatable
Created On	Date record created
Created By	Identification number of the user who created the record
Updated On	Date record last updated
Updated By	Identification number of the user who last updated the record
Dependent On Appointment Type Id	Dependent appointment type identification number

Calendar Date

The Calendar Date table includes columns related to the calendar used in Oracle Health Immunization Management to book appointments.

Details
Module: Oracle Health Immunization Management

Key Column
Calendar Date

Table 3-9   Calendar Date Columns

Name	Description
Calendar Date	Calendar date
Day Name	Full name of the day of the week
Day Name Short	Abbreviated name of the day of the week
Day of Month	Day of the month
Day of The Week	Day of the week
Month Name	Full name of the month
Month Name Short	Abbreviated name of the month
Month Two Digit	Two-digit code for the month number in the year (01 = January, 02 = February, etc.)

Table 3-9 (Cont.) Calendar Date Columns

Name	Description
Quarter	Quarter number within the year (1, 2, 3, 4)
Week Of Month	Week number within the month
Week Of Year	Week number within the year (1-52)
Year	Four-digit year
Year Month	Year and month in YYYY-MM format (for example, 2021-06)
Year Week	Year and week in YYYY-WW format (for example, 2021-25)

Locations

The Locations table includes columns related to the locations created in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-10 Locations Columns

Name	Description
Id	Identification number of the location
Code	Code for the location
Location Identifier Name	Identification name for the location
Location Identifier Source	Identification name for the source
Location Name	Name of the location
Phone	Phone number for the location
Auto Schedule Yes/No	A Yes or No flag to indicate the ability to automatically schedule a patient
Contact Email	Email to contact someone at the location
Contact Name	Name of the location contact person
Contact Phone	Phone number to reach the contact person at the location
Location Address1	Address line 1
Location Address2	Address line 2
Location Address3	Address line 3
Location Address4	Address line 4
Location City	Name of the city for the location
Location Country Code	Country code for the location
Location Postal Code	Postal code for the location
Location Sub Zone	Sub zone for the location
Location Zone	Zone for the location

Table 3-10   (Cont.) Locations Columns

Name	Description
Open Days Out	Number of days open for the location
Schedule Days Out	Number of days to schedule appointments ahead
Time Zone	Time zone of location
Active Yes/No	A Yes or No flag that indicates if the location is active or inactive.
Clinical Setting	Identifies if the location is a clinical setting (for example, hospital, Emergency Room, clinic)
Clinical Setting Code	List of value codes for the clinical setting
Clinical Setting Type	List of value types for the clinical setting
Created By	Identification number of the user who created the record
Created On	Date record created
Updated On	Date record last updated
Updated By	Identification number of user who last updated the record
Location Address Key	Address key for the location

Manufacturers

The Manufacturers table includes columns related to the vaccine manufacturers used for appointments booked in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-11   Manufacturers Columns

Name	Description
Id	Identification number of the manufacturer
Manufacturer Name	Name of the manufacturer
MVX	MVX codes indicate the manufacturer of a vaccine
Created By	Identification number of the user who created the record
Created On	Date record created
Updated By	Identification number of user who last updated the record
Updated On	Date record last updated

Notification Log

The Notification Log table includes columns related to the notifications sent from Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-12   Notification Log Columns

Name	Description
Id	Identification number of the notification log
Notification Type	Type of notification
Email Subject	Subject line of the notification email
Email To	Email address of the recipient
Is Job Yes/No	Yes or No flag that indicates if a job
Sent Yes/No	Yes or No flag that indicates if the message was sent
Sms To	SMS recipient number
Supplemental Info	Supplemental information
Created On	Date notification created
Survey Id	Identification number of the survey
Tenant Id	Identification number of the tenant
Communication Id	Identification of communication
User Id	Identification number of the user
Slot Id	Identification number of the slot
Patient Id	Identification number of the patient

Notification Log Fact

The Notification Log Fact table includes a column related to the facts on notification log in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-13   Notification Log Fact Columns

Name	Description
# of Notification	Number of notifications sent

Notification Service Usage

The Notification Service Usage table includes columns related to the account and subscription for Oracle Healthcare Notifications Cloud Services used to send SMS

messages to patients related to vaccine appointments in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-14   Notification Service Usage Columns

Name	Description
Account SID	Security identification number of the account
API Version	Applied programming interface version
Category	Usage category of message (sms-outbound)
Count	Number of outbound notification messages
Count Unit	Count unit of a message
Description	Description of the notification message
End Date	Date to stop sending messages
Extract Date	Date message extracted
Price	Cost of a notification message
Price Unit	Cost of a unit in the message
Start Date	Date to start sending messages
Sub Account Name	Substitute account name
URI	Universal Resource Identifier
Usage	Number of messages used
Usage Unit	Number of segments in a long message

Notification Service Usage Fact

The Notification Service Usage Fact table includes columns related to the facts on the number of notification messages sent for appointments in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-15   Notification Service Usage Fact Columns

Name	Description
# Interactions	Number of message segments times (X) the interaction factor
# Message Segments	Number of notification message segments in a long message (message with greater than 60 characters)
# Messages	Number of notification messages

Notification Service Subscription

The Notification Service Subscription table includes columns related to the account and subscription for Oracle Healthcare Notifications Cloud Services used to send SMS messages to patients related to vaccine appointments in Oracle Health Immunization Management. For example, it provides details on when subscription ends and starts again.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-16   Notification Service Subscription Columns

Name	Description
Subscription Period	Start date and end date of a subscription
#Subscription	Contracted total number of interactions during this service period
% Remaining	Percentage of usage left in the subscription
# Remaining	Number of messages left in the subscription
# Service Period (M)	Total number of months in service period
% Remaining Service Period	Percentage of time left in the subscription period

Patient

The Patient table includes columns related to the patient account information that patients or Oracle Health Immunization Management users entered.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-17   Patient Columns

Name	Description
Id	Identification number of the patient
First Name	First name of the patient
Middle Name	Middle name of the patient
Last Name	Last name of the patient
Contact Method	Contact method used to reach the patient
Date of Birth	Date of birth of the patient
Age Band	Age band of patient (for example, 0-9, 10-19, 20-29, 30-39)
Email	Email address to reach patient

Table 3-17   (Cont.) Patient Columns

Name	Description
Phone	Phone number to reach patient
Patient Code	Code for patient
IRN	For the Medicare insurance type, the eleventh digit of the insurance number represents the Individual Reference Number (IRN)
Location Address1	Address line 1
Location Address2	Address line 2
Location Address3	Address line 3
Location Address4	Address line 4
Location Address Key	Key for address
Location City	City
Location Sub Zone	Sub Zone
Location Zone	Zone
Location Country Code	Country code
Location ISO Country Code	ISO Alpha3 country code of patient location
Location Postal Code	Postal code
Ethnicity Code	List of value codes for Ethnicity field
Ethnicity Type	List of value types for Ethnicity field.
Gender	Gender of the patient
Race	Race of the patient
Ethnicity	Ethnicity of the patient
Indigenous Status	Status registered under the Indian Act
Gender Code	List of value codes for Gender field
Biological Sex	Sex at birth
Gender Type	List of value types for Gender field
Biological Sex Code	List of value codes for biological sex
Biological Sex Type	List of value types for biological sex
Race Code	List of value codes for Race field
Race Type	List of value types for Race field
Lang Code	Language code
Insurance Number	Insurance number for the patient. If a patient has multiple insurance documents, including this column in reporting shows multiple rows for the patient
Insurance Type	Type of insurance (for example, Medicare). If a patient has multiple insurance documents, including this column in reporting shows multiple rows for the patient
Medicare	Medicare number (used by some customers only). For the MEDICARE insurance type, the first ten digits of the number represents the insurance number
IHI	Individual Healthcare Identifier (IHI) number for the insurance type (used by some customers only)

Table 3-17   (Cont.) Patient Columns

Name	Description
Insurance Updated By	Name of person who updated the insurance information
Insurance Updated On	Date person updated the insurance information
Active Yes/No	Patient account activated (yes or no)
Last Login	Date of last login
Last Login IP	IP address used for the last login
Source	Source of the patient (for example, Call Center, group load, self registration, walk-in appointment)
Time Zone	Time zone
Relative Indigenous State	Relative status registered under the Indian Act
Relationship Type	Relationship to the patient
Relative Active YN	Relative account activated (yes or no)
Relative Contact Method	Contact method used to reach the relative
Relative Date of Birth	Date of birth of the relative
Relative External ID	External identification number of the relative
Relative First Name	First name of the relative
Relative Gender	Gender of the relative
Relative Insurance Number	Insurance number for the relative
Relative Insurance Type	Type for insurance for the relative (for example, Medicare)
Relative Last Name	Last name of the relative
Relative Location Address Key	Location address key
Relative Location Address1	Relative address line 1
Relative Location Address2	Relative address line 2
Relative Location Address3	Relative address line 3
Relative Location Address4	Relative address line 4
Relative Location City	City for the relative
Relative Location Country Code	Country code for the relative
Relative Location Postal Code	Postal code for the relative
Relative Location Sub Zone	Sub zone for the relative
Relative Location Zone	Zone for the relative
Relative Middle Name	Middle name of the relative
Relative Patient Code	Registrant code of the relative
Relative Primary Contact YN	Primary contact for the relative
Relative Phone	Phone number of the relative
Relative Source	Source of the patient relative
Relative Time Zone	Time zone for the relative
Verification Method	Verification method used
Verification Sent On	Date verification sent
Verified On	Date patient verified

Table 3-17   (Cont.) Patient Columns

Name	Description
Updated By	Identification number of user who last updated the record
Updated On	Date record last updated
Created By	Identification number of the user who created the record
Created On	Date record created
Relative Created By	Identification number of the user who created the relative record
Relative Created On	Relative record created date
Relative Email	Email address of the relative
Relative Updated By	Identification number of the user who updated the relative record
Relative Updated On	Relative record updated date
Relative ISO Country Code	ISO Alpha3 country code of patient relative location
Relative Insurance Updated By	Identification number of the user who updated the Relative Insurance
Relative Insurance Updated On	Relative insurance updated date
External Id	External identification number of the patient

Patient Fact

The Patient Fact table includes a column related to a fact about patients in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-18   Patient Fact Columns

Name	Description
# of Patients	Number of people registered
# of Walk Ins	Number of people with Source as Walk In
# of Bulk Loads	Number of people with Source as Group Load
# of Self Registered	Number of people with Source as Self
# of Self Updated	Number of records updated by patient
# of Call Center Registrations	Number of people with Source as Call Center

Patient Group

The Patient Group table includes columns related to the patient group information that a Oracle Health Immunization Management user entered.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-19   Patients Columns

Name	Description
Patient Group Name	Name of the patient group
Parent Group Id	Identification number of the group parent
Physical Location Yes/No	A Yes or No flag that indicates if the group resides at a physical location
Public Yes/No	A Yes or No flag that indicates if the location is public
Updated By	Identification number of user who last updated the record
Updated On	Date record last updated
Code	Patient Group code
Contact Email	Email address to reach group contact
Contact Name	Name of contact person
Contact Phone	Phone number to reach contact
Created By	Identification number of the user who created the record
Created On	Date record created
Description	Description of the group
Group Type Code	List of value codes for the group type
Group Type	List of value types for the group
Id	Identification number of the group
Location Address1	Address line 1
Location Address2	Address line 2
Location Address3	Address line 3
Location Address4	Address line 4
Location Address Key	Key for address
Location City	City
Location Sub Zone	Sub Zone
Location Zone	Zone
Location Country Code	Country code
Location Postal Code	Postal code
Location Email	Email for the location
Location Id	Identification number for the location
Location Phone	Phone number for the location
Patient Group Id	Identification number of the patient group

Patient Notes

The Patients Notes table includes columns related to notes about the patient in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-20   Patient Notes Columns

Name	Description
Id	Identification number of the person making the note
Note Body	Content in the body of the notes
Note Category	Category of the note
Note Category Code	Code for the category of the note
Note Created By	Name of the person who created the note
Note Title	Title of the note
Note Updated By	Name of the person who updated the note
Note Updated On	Date person updated the note
Note Created On	Date note created
Registrant Id	Identification number of the patient

Patient Procedures

The Patient Procedures table includes columns related to the procedures performed on patients in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-21   Patient Procedures Columns

Name	Description
Id	Identification number of the procedure
Dose Number	First or second dose administered to the registrant
Dose ML	Number of milliliters in the dose
Manufacturer Name	Name of product manufacturer
Product Name	Name of the product
Administered On	Date product administered to the patient
Administered By	Name of healthcare worker who administered the product
Procedure Outcome	Outcome of the procedure
Constitution Date	Date product constituted
Lot Number	Lot number of the product
Lot Expiry Date	Lot expiration date
CVX	CVX code
MVX	MVX code
Disease Name	Name of the disease product used for
Ext Administered Date	Date procedure externally administered
Vaccine Info Sheet Provided Yes/No	A Yes or No flag that indicates if the registrant received a vaccination information sheet

Table 3-21   (Cont.) Patient Procedures Columns

Name	Description
Notes	Notes healthcare worker made about the visit with the patient
Waste ML	Amount of product wasted in milliliters
Waste Reason	Reason for the waste
Administered Route Code	List of value codes for the route used to administer the product
Administered Route Type	List of value types for route used to administer the product
Injection Site Code	List of value codes for the site where the product was administered
Injection Site Type	List of value types for site where the product was administered
Not Administered Code	List of value codes for not administered
Not Administered Type	List of value types for not administered
Procedure Outcome Code	List of value codes for procedure outcome
Procedure Outcome Type	List of value types for procedure outcome
Procedure Source	Name of the source of the procedure data
Product Category Code	List of value codes for product category
Product Category Type	List of value types for product category
Product Id	Identification number of the product
Created By	Identification number of the user who created the record
Created On	Date record created
Updated By	Identification number of user who last updated the record
Updated On	Date record last updated
Slot Id	Identification number of the procedure slot
Patient Id	Identification number of the patient
Days Since Administered	Number of days since this procedure has been administered
Dose	First or second dose administered to the patient (Example: Dose 1)
Procedure Source Code	Code of the source of the procedure data

Patient Procedures Fact

The Patient Procedures Fact table includes columns related to the facts on the procedures performed in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-22   Patient Procedures Fact Columns

Name	Description
# of Procedures	Total number of procedure records entered into the system (including Administered, Unable to Administer, Administered with Wastage and Self Reported)
# of Procedures By Self Reported	Total number of manually processed procedures with procedure outcome of Self-Reported (for example, Proof of Prior Vaccination)
# of Distinct Slots	Number of slots
# of Distinct Vaccines	Number of distinct vaccines administered
# of Procedures Administered	Total number of procedure records entered in the system with procedure outcome as Administered
# of Procedures Externally Administered	Total number of records processed with a procedure outcome of Self-Reported (for example, through a Proof of Prior Vaccination application such as CommonPass). Healthcare workers can manually enter the Self-Reported outcome when processing an appointment or the system obtained this outcome through Patient Portal, walk-in patient appointments, or bulk uploaded procedure data
# of Procedures Administered with Wastage	Total number of procedure records entered in the system with procedure outcome as Administered with Wastage
# of Procedures Unable to Administer	Total number of procedure records entered in the system with procedure outcome as Unable to Administer
# Administered (All)	Total number of procedure records entered in the system with procedure outcome as Administered and Administered with Wastage
# Administered (Dose 1)	Total number of Dose 1 procedures
# Administered (Dose 2)	Total number of Dose 2 procedures
# of Procedures By Appointment	Total number of procedure records entered in the system through Appointment
# of Procedures By Bulk Load	Total number of procedure records entered in the system through Bulk Load
# of Procedures By External System	Total number of procedure records entered in the system through External System
# of Procedures By Self Reported App	Total number of procedure records entered in the system through Self Reported App
# of Procedures By Walk In	Total number of procedure records entered in the system through Walk In
Cumulative Procedures	Cumulative sum of the number of procedures

Procedures Summary

The Procedures Summary table includes columns related to the summary information on procedures performed in Oracle Health Immunization Management.

Details

Module: Oracle Health Immunization Management

Key Column
Patient Id

Table 3-23   Procedures Summary Columns

Name	Description
Patient Id	Identification number of the patient
Number of procedures	Total number of procedures administered to the patient (COVID and non-COVID procedures)
First Procedure Date	First procedure date for the patient, including COVID and non-COVID procedures
Last Procedure Date	Last procedure date for the patient, including COVID and non-COVID procedures
Gap Procedures in Days	Number of days between the first and last procedures, including COVID and non-COVID procedures
Number of Covid Procedures	Total number of COVID procedures that this patient experienced
Covid Dose 1 Yes/No	A Yes or No flag that indicates if the patient received the first COVID dose
Covid Dose 2 Yes/No	A Yes or No flag that indicates if the patient received the second COVID dose
First Covid Procedure Date	Date of first COVID procedure for the patient
First Covid Procedure Manufacturer	First COVID procedure manufacturer name
First Covid Procedure Outcome	First COVID procedure outcome description
First Covid Procedure Outcome Code	First COVID procedure outcome code
First Covid Procedure Product	First COVID procedure name
Second Covid Procedure Date	Date of second COVID procedure for the patient
Second Covid Procedure Outcome	Second COVID procedure outcome description
Second Covid Procedure Outcome Code	Second COVID procedure outcome code
Last Covid Procedure Date	Date of last COVID-19 procedure for the patient
Number Covid Locations	Number of distinct locations where the patient went for COVID procedures
Gap Covid Procedures in Days	Number of days between first and last COVID procedures
Multiple Covid Procedures Same Day Yes/No	A Yes or No flag that indicates if the patient received multiple COVID procedures on the same day
Number of Dates with Covid Procedures	Count of number of distinct days that COVID procedures have been administered to the patient
Number of Distinct Vaccines	Number of distinct vaccines administered to the patient
Number Locations	Number of distinct locations where the patient had COVID and non-COVID procedures administered

Procedures Summary Fact

The Procedures Summary Fact table includes columns related to the facts on the procedure summary information in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-24   Procedures Summary Fact Columns

Name	Description
# of Patients	Number of patients with procedures
# Covid Procedures	Number of COVID procedures conducted. This depends on the field disease name and the value used to denote COVID disease. It may be configured differently for different tenants
# Covid Locations	Number of locations where COVID procedures were conducted
# Locations	Number of locations
# of Distinct Vaccines	Number of distinct vaccines administered
# of Procedures	Number of overall procedures
# Dates with Covid Procedures	Number of dates with COVID procedures. Use this metric to identify outliers where the same person has multiple procedures on same day

Products

The Products table includes columns related to the product used for appointments in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-25   Products Columns

Name	Description
Id	Identification number of the product
Product Name	Name of the product
Dose Number	Number of doses needed
CVX	Product code
Vaccine Code	Vaccine code
Max Days Before Next Dose	Maximum number of days needed before the next dose
Min Days Before Next Dose	Minimum number of days needed before the next dose
Administered Route Code	List of value codes for the way the product entered the patient

Table 3-25   (Cont.) Products Columns

Name	Description
Administered Route Type	List of value types for the administered route
Product Category Code	List of value codes for the product category
Product Category Type	List of value types for the product category
Information Link	Link to access more information on the product
Updated By	Identification number of the user who updated the record
Created By	Identification number of the user who created the record
Created On	Date record created
Updated On	Date record last updated
Manufacturer Id	Identification code of the manufacturer

Schedule Details

The Schedule Details table includes columns related to the schedules created in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-26   Schedule Details Columns

Name	Description
Id	Identification number of the schedule
Start Hour	Hour schedule starts
Start Minute	Minute schedule starts
End Hour	Hour schedule ends
End Minute	Minute schedule ends
Slot Duration Minutes	Time range for slot in minutes
Concurrent Slots	Number of concurrent slots during a time
Schedule Id	Identification number of the schedule
Schedule End Date	Date schedule ends
Schedule Name	Name of the schedule
Schedule Start Date	Date the schedule starts
Schedule Status	Defines the status of the schedule such as Open,Past, or Future
Schedule Type	Type of schedule
Created By	Identification number of the user who created the record
Created On	Date record created
Updated By	Identification number of the user who last updated the record

Table 3-26   (Cont.) Schedule Details Columns

Name	Description
Updated On	Last date schedule updated

Subscription

The Subscription table includes columns related to the subscription dates to use Oracle Healthcare Notifications Cloud Services to send SMS messages to patients related to vaccine appointments in Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Key Columns
Subscription Period

Table 3-27   Notification Service Subscription Columns

Name	Description
Subscription Period	Start and end date of a subscription
# Subscription	Number of actual appointments contracted for the service period (quantity contracted x 1000). For example, if you purchase a quantity of 300, that equals 300,000 actual appointments
# Remaining	Number of appointments left in the subscription
% Remaining	Percentage of appointments left in the subscription
# Service Period (M)	Total number of months in service period
% Remaining Service Period	Percentage of time left in the subscription period

Tenants

The Tenants table includes columns related to tenants who use Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-28   Tenants Columns

Name	Description
Code	Code assigned for tenants
Display Name	Name of the tenant shown
HPI-O	Healthcare Provider Identifier - Organization (HPI-O) to identify the healthcare organization
Id	ID assigned to tenant

Users

The Users table includes columns related to the user account information that Oracle Health Immunization Management administrators or users entered.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-29   Users Columns

Name	Description
Id	Identification number of the user
Username	Username
First Name	First name of the user
Middle Name	Middle name of the user
Last Name	Last name of the user
Active YN	Account activated (yes or no)
Location Name	Name of the location for the user
Role	Role of the user
User Role Id	Identification for the role of the user
Verification status	User verified identity
New Account Email Sent On	Date Welcome email sent for account activation
Support Identifier	Support identifier
Tfa Key	Two-factor authentication key
Time Zone	Time zone
Language code	Language code
Healthcare Profession Code	List of value codes for healthcare profession
Healthcare Profession Type	List of value types for healthcare profession
HPI-I	Healthcare Provider Identifier - Individual
Last Login	Last login date
Last Login IP	Last login IP address
Last Login	Last login date
Last Login IP	Last login IP address
Updated By	Identification number of user who last updated the record
Created By	Identification number of the user who created the record
Created On	Date record created
Updated On	Date record last updated

User Login HMS

The User Login HMS table includes columns related to the user account information that patients or Oracle Health Immunization Management users entered.

Details
Module: Oracle Health Immunization Management

Key Columns
Id

Table 3-30   Patient Columns

Name	Description
Created On	Data record created
Id	Identification number of the record
Login Date	Date and time stamp of the login
Login IP	IP address from where the login occurred
Patient Id	Identification number of the patient
User Id	Identification number of the user
User Type	Indicates if a user or patient logged in

User Login HMS Fact

The User Login HMS Fact table includes columns related to the facts on the number of user or patient logins to Oracle Health Immunization Management.

Details
Module: Oracle Health Immunization Management

Table 3-31   User Login HMS Fact Columns

Name	Description
# of Logins	Number of logins processed
# of Logins by Patients	Number of patients who logged in
# of Logins by Users	Number of users who logged in

4

Subject areas and metrics

This chapter contains the following topics:

- **Subject areas overview**
  You maintain subject area data in Oracle Health Immunization Management. Then, you can use the subject areas and their corresponding data to create and edit analyses and reports. The subject area includes details on the type of information in a subject.

- **Administrative OHIMCS User Login subject area**
  The administrative OHIMCS user login subject area captures the login history of administrators and users to Oracle Health Immunization Management Cloud Service.

- **Administrative IDCS Login subject area**
  The administrative Identity Cloud Service (IDCS) login subject area provides login history to Oracle Analytics Cloud. It extracts the data through the IDCS REST API.

- **OHIMCS Patient Profile subject area**
  The patient profile subject area provides a way for you to analyze the profile of patients by examining various attributes available in the patient table such as address, gender, race, ethnicity, and age band.

- **OHIMCS Appointment Slots subject area**
  The appointment slots subject area captures the slots booked by registrants (patients). It also captures the entire life cycle of booking. This includes the confirmation, assignment, check-in, processing, and follow-up details.

- **OHIMCS Patient Procedures subject area**
  The patient procedures subject area tracks the progress of the vaccination procedures conducted by a location.

- **OHIMCS Appointment History subject area**
  The appointment history subject area provides an overview of the changes in the appointments. You can use these details to track bookings, cancellations, and other changes to appointments by location, patient, and time.

- **OHIMCS Notification Log subject area**
  The notification log subject area captures the notification logs sent by various modes such as email or SMS (text message).

- **OHIMCS Procedures Summary subject area**
  The procedures summary subject area summarizes the activity for each registrant such as dates of first and last procedure, number of days between appointments, and COVID-19 vaccine dosage given. You can use these details to filter the results.

- **Administrative Notification Services Usage subject area**
  The administrative notification services usage subject area captures the number of notification messages and message segments sent by Oracle Health Immunization Management.

Subject areas overview

You maintain subject area data in Oracle Health Immunization Management. Then, you can use the subject areas and their corresponding data to create and edit analyses and reports. The subject area includes details on the type of information in a subject.

The information for each subject area includes:

- Description of the subject area.
- Key metrics available
- Special considerations and tips to create analysis and reports.

Administrative OHIMCS User Login subject area

The administrative OHIMCS user login subject area captures the login history of administrators and users to Oracle Health Immunization Management Cloud Service.

The key metrics available are the number of logins, number of logins by users, and number of logins by patients.

You can analyze this subject area by relevant dimensions such as:

- Patient
- User
- User Roles
- User Role Location
- Calendar Date (Joined by Login Date)

> **Note:**
>
> Users without assigned roles show with a blank role and location name. Users who never logged in to the system show with 0 login.

Administrative IDCS Login subject area

The administrative Identity Cloud Service (IDCS) login subject area provides login history to Oracle Analytics Cloud. It extracts the data through the IDCS REST API.

The key metrics available are the number number of logins, number of successful logins, number of failed logins, time stamp of last successful login, number of users with successful logins,and number of users with failed logins.

> **Note:**
>
> If you suspect a failed login history with invalid usernames, you cannot see the login records if you select the IDCS Users attribute because the invalid user does not exist in the IDCS User list. But, if you do not select the IDCS Users attribute, you can see the records of failed logins by invalid users by selecting attributes from IDCS Login folder.

You can analyze this subject area by relevant dimensions such as:

- User
- User Groups
- Calendar Date (Joined by Login Date)

> **Note:**
>
> Users not assigned to any group show with a blank group name. Users who never logged in to the system show with 0 login.

OHIMCS Patient Profile subject area

The patient profile subject area provides a way for you to analyze the profile of patients by examining various attributes available in the patient table such as address, gender, race, ethnicity, and age band.

The key metrics available are:

- Number of patients
- Number of walk ins
- Number of bulk loads
- Number of self registered
- Number of Call Center registrations

You can analyze this subject area by relevant dimensions such as:

- Patient
- Patient Group
- Patients Fact
- Calendar Date

You can also use the calendar date table to analyze the progress of patients and view the patient creation date.

OHIMCS Appointment Slots subject area

The appointment slots subject area captures the slots booked by registrants (patients). It also captures the entire life cycle of booking. This includes the confirmation, assignment, check-in, processing, and follow-up details.

The key metrics available are:

- Number of slots created
- Number of appointments by the appointment date
- Number of slots assigned
- Number of slots by checked in date
- Number of slots by confirmation date
- Number of slots by processed date
- Number of slots by follow-up date

Oracle Analytics calculates these metrics against the respective dates. Then, it calculates for the period of time. For example, if a report for a calendar month includes a number for checked-in patients and a number for appointments processed, Oracle Analytics calculates those numbers against the checked-in date and processed date respectively. It then puts them together to provide the actual activity for the month.

You can analyze this subject area by:

- Calendar Date
- Appointment Types
- Locations
- Patient
- Patient Group
- Schedule Details (for example, slot number, slot duration)
- Appointment Slot
- Appointment Slot Fact

OHIMCS Patient Procedures subject area

The patient procedures subject area tracks the progress of the vaccination procedures conducted by a location.

The key metrics available are:

- Number of procedures
- Number of slots
- Number of distinct vaccines

You can analyze this subject area by relevant dimensions such as:

- Patient
- Patient Group
- Patient Procedures
- Patient Procedures Fact
- Product
- Manufacturers
- Calendar Date

- Appointment Type

- Appointment Slot

- Location

- Schedule Details

- Procedures Summary (for example, dose, disease, lot number, administration)

The procedures summary also summarizes the activity for each patient with details on first and last procedure dates, gap between treatments, and dosage. You can use these additional items to filter the results.

OHIMCS Appointment History subject area

The appointment history subject area provides an overview of the changes in the appointments. You can use these details to track bookings, cancellations, and other changes to appointments by location, patient, and time.

The key metrics available are the number of history records.

You can analyze this subject area by relevant dimensions such as:

- Appointment Slots

- Appointment Types

- Locations

- Calendar Date

- Patient

- Patient Group

- Appointment History

- Appointment History Fact

This information can provide a summary of the historical trend of changes and cancellations to help you plan schedule capacity and predict when you need more coverage (for example, appointment slots, check-in agents, and healthcare workers).

OHIMCS Notification Log subject area

The notification log subject area captures the notification logs sent by various modes such as email or SMS (text message).

The key metrics available are the number of notification logs.

You can analyze this subject area by relevant dimensions such as:

- Calendar Date

- Appointment Slots

- Patient

- Patient Group

- User

- Notification Log

- Notification Log Fact

OHIMCS Procedures Summary subject area

The procedures summary subject area summarizes the activity for each registrant such as dates of first and last procedure, number of days between appointments, and COVID-19 vaccine dosage given. You can use these details to filter the results.

The key metrics available are:

- Number of patients
- Number of COVID procedures
- Number of COVID locations
- Number of locations
- Number of distinct vaccines
- Number of procedures
- Number of dates with COVID procedures

You can analyze this subject area by relevant dimensions such as:

- Patient
- Patient Group
- Procedures Summary
- Procedures Summary Fact

This subject area also helps with data reconciliation and validation. For example, you can generate lists for patients in different stages of vaccination or list patients who were vaccinated in different locations.

Administrative Notification Services Usage subject area

The administrative notification services usage subject area captures the number of notification messages and message segments sent by Oracle Health Immunization Management.

The key metrics available are the number of notification messages and message segments.

This subject area provides analysis on account usage over time. You cannot create your own report on this data. The system joins the Calendar Date dimension to Usage Fact between the start and end date. It pulls usage records daily. You can review your notification message data in the Healthcare Notifications report as described in Oracle Healthcare Notifications Cloud Service.

5

Sample Reports

This chapter contains the following topics:

- **Reports overview**
  Using data collected in Oracle Health Immunization Management you can build reports to view trends and understand more about the subject areas that are important to you.

- **Access sample reports**
  You can access sample reports of Oracle Health Immunization Management data in Oracle Analytics at any time. The data shown in these reports are for example only. It is not real-life data.

- **Sample report: Checked in verses vaccinated**
  Oracle Analytics contains example reports so you can see how you can visualize Oracle Health Immunization Management data. For example, you may want to create a report to see how many patients checked-in for an appointment and how many had their appointments completed (for example, patient vaccinated).

- **Sample report: Vaccination summary**
  Oracle Analytics contains example reports so you can see how you can visualize Oracle Health Immunization Management data. For example, you may want to create a report that summarizes data with a combination of bar charts and tables.

- **Sample report: Patient demographics**
  Oracle Analytics contains example reports so you can see how you can visualize Oracle Health Immunization Management data. For example, you may want to create a report with details on your patient profiles.

Reports overview

Using data collected in Oracle Health Immunization Management you can build reports to view trends and understand more about the subject areas that are important to you.

Oracle Analytics comes with some sample visualization reports to help you see the type of reports you can build after you connect and prepare your Oracle Health Immunization Management data. Oracle updates these reports at different times to show you the latest types of reports you can build.

> ✏️ **Note:**
>
> This guide only provides images of sample reports. For details on how to use Oracle Analytics to build reports with your Oracle Health Immunization Management data, see *Getting Started with Oracle Analytics Cloud* and *Connecting Oracle Analytics Cloud to Your Data*. You can also contact your Customer Success manager to take Oracle Analytics training for Oracle Health Immunization Management.
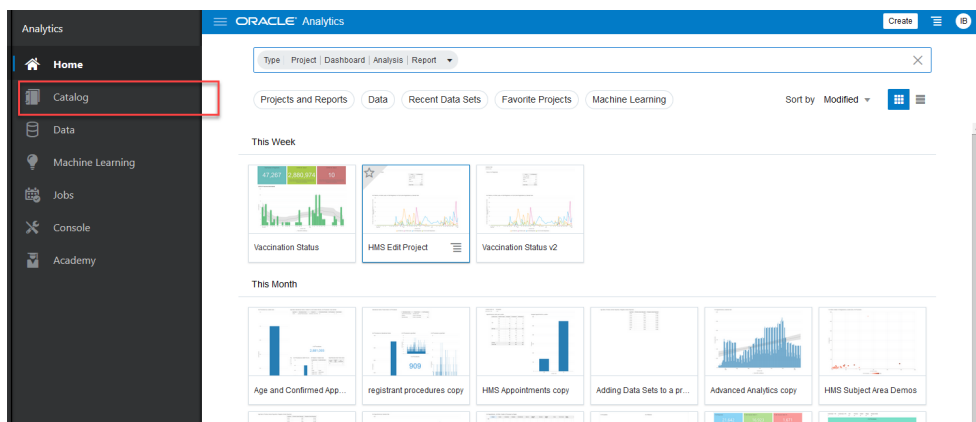
Access sample reports

You can access sample reports of Oracle Health Immunization Management data in Oracle Analytics at any time. The data shown in these reports are for example only. It is not real-life data.

The example reports in Oracle Analytics are view-only reports. You can make changes to the view, but they are temporary. For example, you may want to change the date range to view data that occurred within another time range. But, any viewing changes you make do not get stored. The report reverts back to the original state as soon as you close it.

To access sample reports:

1. Sign in to Oracle Analytics and select **Catalog** from the main menu. For example:

2. Select the **Shared Folders** tab. You see folders with sample content. For example:
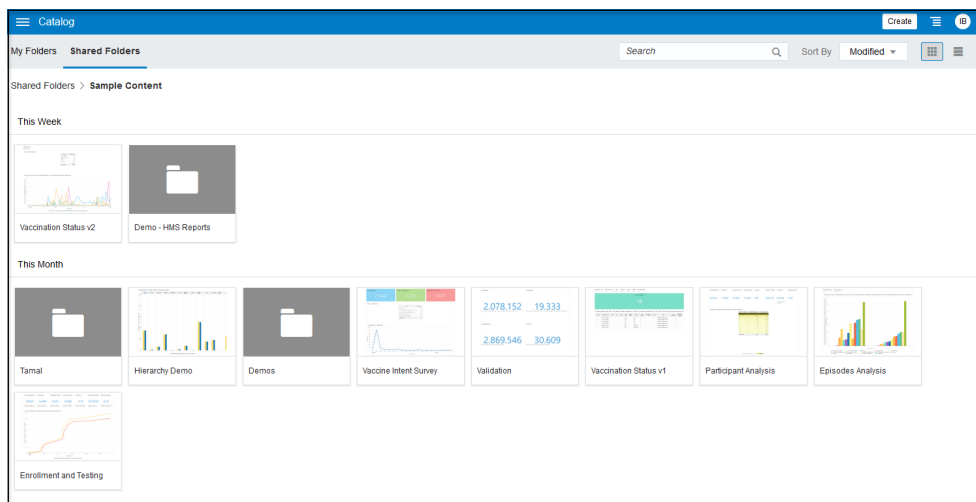
3. Select the folder with data you want to review. It opens to the last viewed report. For example, the Vaccination Status project folder contains example reports on vaccinations, patient status, demographics, and more.

4. From the bottom row, select the tab with the data you want to review. You can scroll to the left or right to view more tabs.

View the sample reports to see how you can visualize data to understand how your system gets used.
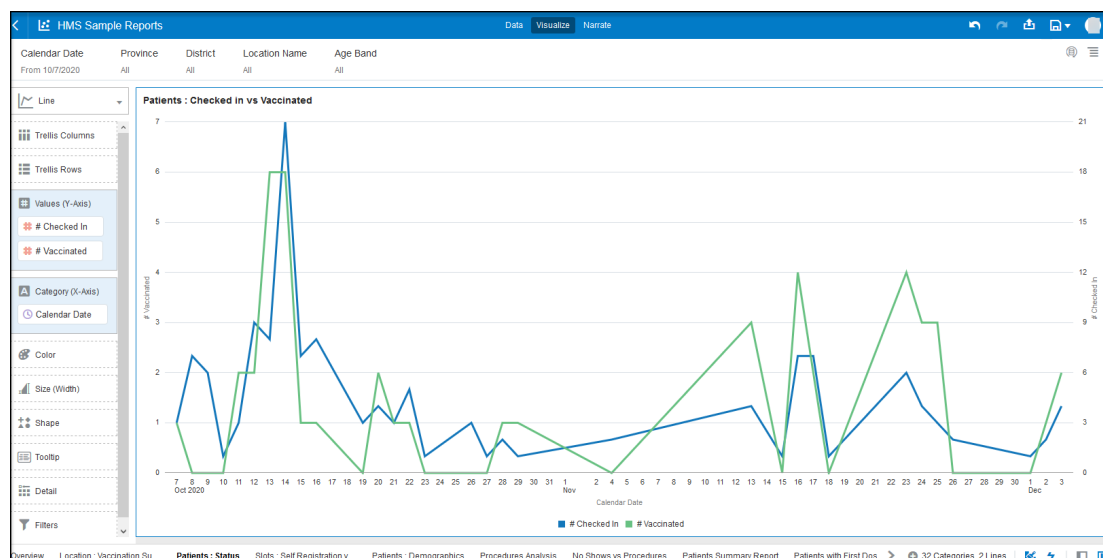
Sample report: Checked in verses vaccinated

Oracle Analytics contains example reports so you can see how you can visualize Oracle Health Immunization Management data. For example, you may want to create a report to see how many patients checked-in for an appointment and how many had their appointments completed (for example, patient vaccinated).

After accessing the sample reports from a Shared Folder, you can select the different tabs from the bottom row to review different types of data. The following report shows the number of checked-in patients in blue and the number of vaccinated patients (completed appointments) in green during October, November, and part of December. The top tabs allow you to change the view. For example, you can select the **Calendar Date** tab from the top to change the date range. You can hover over the data points to see the exact number checked in or vaccinated with the full date.

> **Note:**
>
> Oracle Analytics does not save any changes you make to the view. After you close the report, it reverts back to the original sample data view.

Sample report: Vaccination summary

Oracle Analytics contains example reports so you can see how you can visualize Oracle Health Immunization Management data. For example, you may want to create a report that summarizes data with a combination of bar charts and tables.
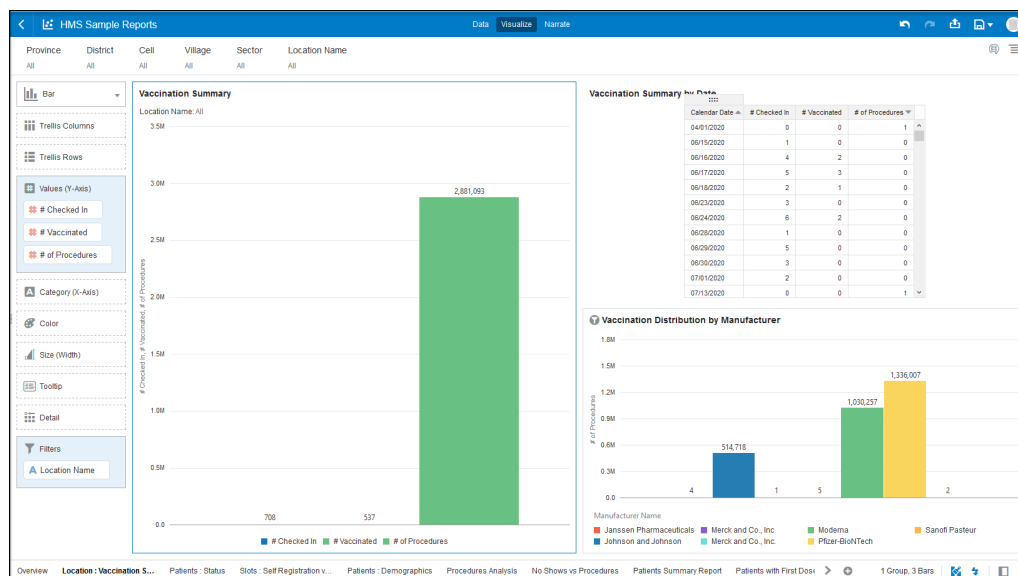
After accessing the sample reports from a Shared Folder, you can select the different tabs from the bottom row to review different types of data. The following report shows a single bar graph with details on the number of vaccinated patients. You can select the items in the legend to see the number checked in and processed. You can also hover over the bar chart to see the number of procedures.

If you select the Calendar Date from the Vaccination Summary by Date table, you can toggle the dates from latest to earliest or earliest to latest.

> **Note:**
>
> Oracle Analytics does not save any changes you make to the view. After you close the report, it reverts back to the original sample data view.

Sample report: Patient demographics

Oracle Analytics contains example reports so you can see how you can visualize Oracle Health Immunization Management data. For example, you may want to create a report with details on your patient profiles.

After accessing the sample reports from a Shared Folder, you can select the different tabs from the bottom row to review different types of data. The following report shows four bar graphs with details on ethnicity, gender, age band, and race of a number of patients.

You can select options in the left panel to change the view. For example, you can change the bars from horizontal to vertical.

> **Note:**
>
> Oracle Analytics does not save any changes you make to the view. After you close the report, it reverts back to the original sample data view.