
National Patient Information Reporting System: National Data Warehouse

Userpop/Workload Mart

User Guide

Version 1.1

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Version Control

Version	Date	Notes
1.0	October 2008	Initial version. COTR acceptance on October 10, 2008
1.1	February 2009	Removal of Inpatient Report 202. Summary Data by Area & Facility.

Overview/Introduction

The two core functions that National Patient Reporting System (NPIRS) provides for the IHS Area Offices and the IHS Headquarters, Division of Program Statistics are the production of the following reports:

- User population
- Workload

NPIRS fulfills these functions by providing the users with access to the Userpop/Workload Mart (UP/WL). The UP/WL Mart is a collection of easily accessible, web-based reports generated per the schedule published and distributed for each fiscal year by Headquarters (HQ), Division of Program Statistics (DPS).

This schedule defines two dates that NPIRS has to follow for each Workload cycle and each Userpop cycle. The first date is the date by which workload or user population reports must be posted and accessible to the user. The second one, commonly called the “cut-off” date or “refresh” date, is the date by which data must be received by the National Data Warehouse (NDW) to be included in the reports for that cycle.

Userpop and workload reports produced in the last cycle of a given fiscal year become the “official” year-end reports. These reports are kept in the UP/WL Mart and are available for viewing at any time. Any other interim cycle reports are removed when the end of the year reports are verified and become “official.”

The consecutive sections of this document are intended to give the UP/WL Mart users a basic understanding of all standard workload and user population reports and terminology used. These reports reflect data received from the IHS Administrative Areas (Regions) before the cut-off date, and meeting workload-reportable criteria as specified in later sections of this document. To determine what files have been received by the cut-off date, refer to the Export Tracking Data Mart. In addition, the Data Quality Mart may be utilized to determine if any data sent was not workload-reportable due to missing or invalid data elements.

Accessing the Userpop/Workload Mart

The IHS National Data Warehouse Reporting web site (ROHAN) is available to those who have access to the IHS intranet. Access to the NDW Userpop/Workload Mart requires a logon account. Currently, one logon account is assigned per Area.

To obtain access to the web site, contact your Area Stat Officer or email the NPIRS Help Desk at:

[IHS - OITHELP-NPIRS \(IHS\)](#)

Logging on to the NDW Intranet Web Site

To log on to the NDW web site, follow these steps:

1. Go to the following intranet web site:

<http://rohan.d1.na.ihs.gov/businessobjects/enterprise11/InfoView/logon.aspx>

From this window, a Help function is available that explains basic navigation through the web site. Select the red **Help** link, which will then display the Quick Start Tutorial window.

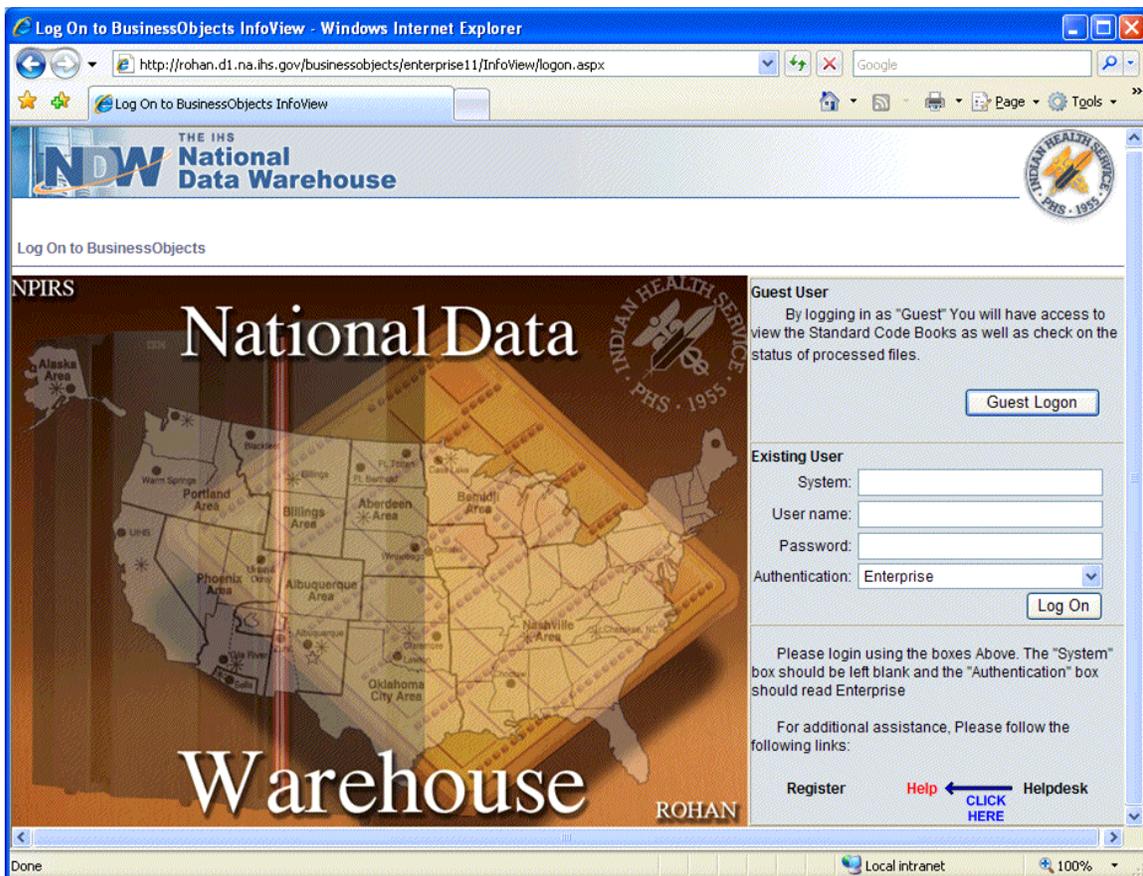


Figure 1: Selecting the Help link on the NDW intranet web site

Select the desired help topic by clicking on the appropriate selection in the Contents/Index window. When finished with the help topics, close the help window and it will return you to the logon screen.

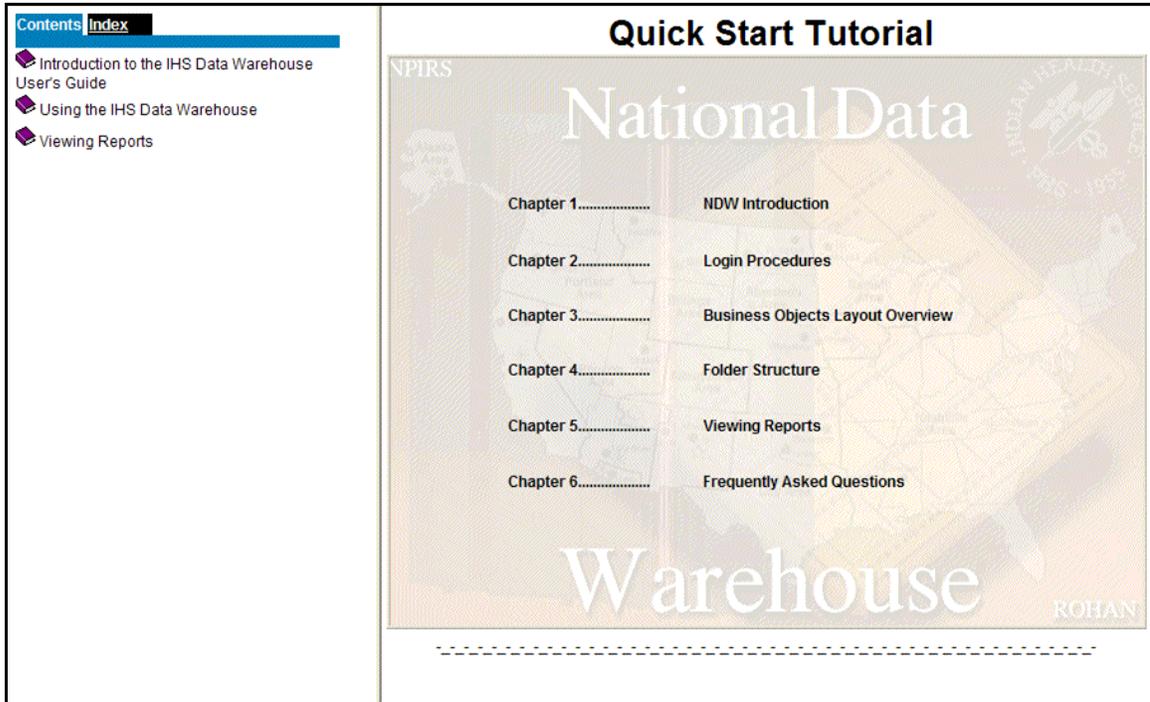


Figure 2: Quick start tutorial window

2. Enter your **User name** and **Password** and click the **Log On** button.

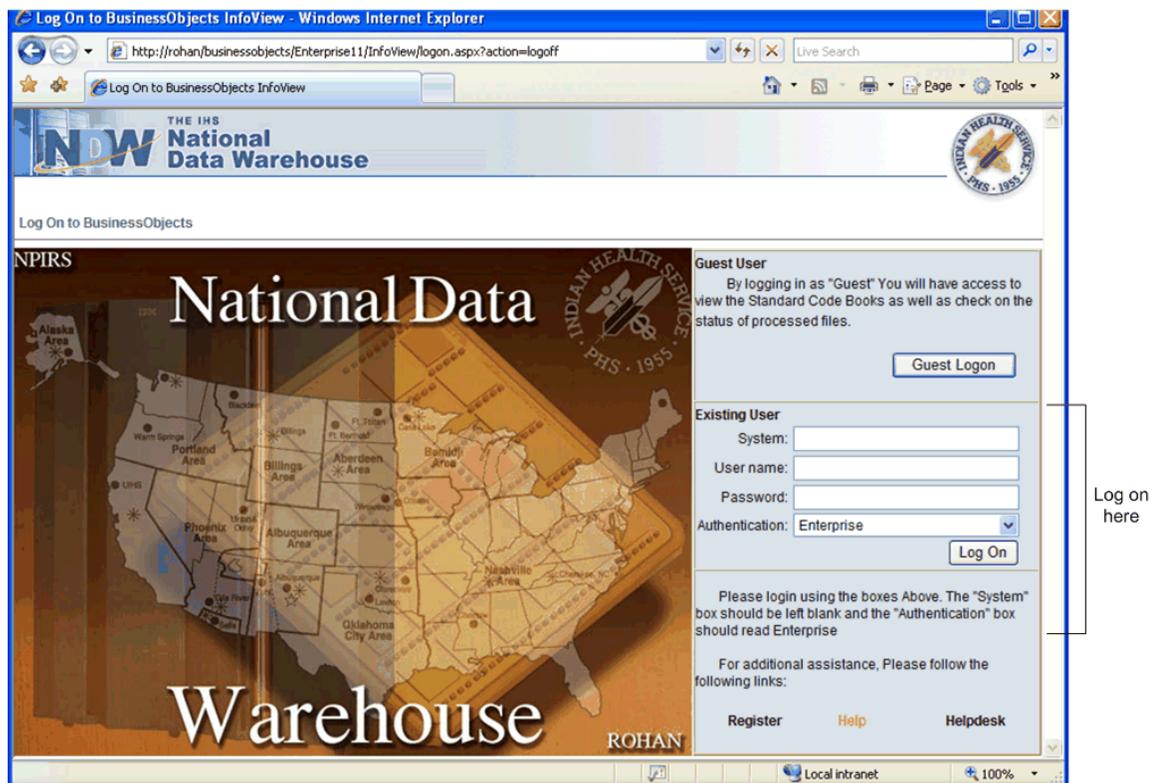


Figure 3: NDW intranet web site logon page

On a successful logon, the web site displays a Folders pane and a Details pane.

3. In the Folders pane, expand the **Public Folders** to display the folder tree.
4. Click the **Userpop/Workload Mart** folder to display its sub-folders.

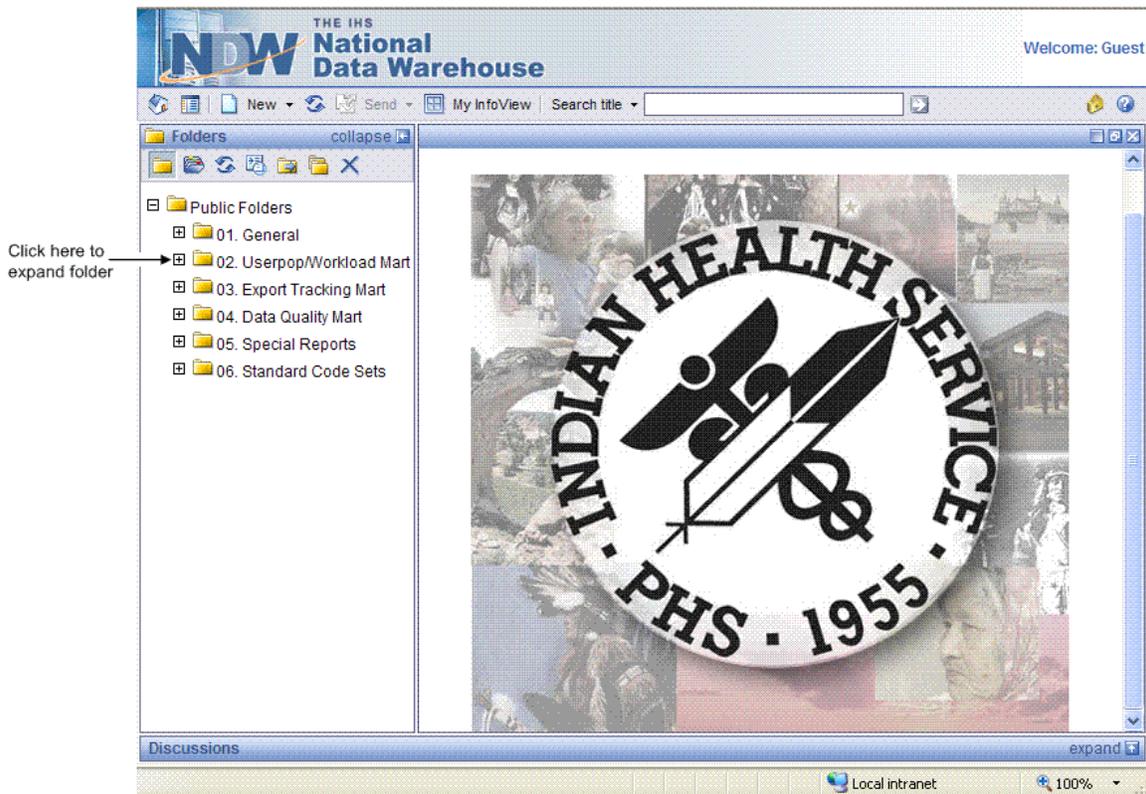


Figure 4: Selecting the userpop/workload mart in the folder pane view on NDW intranet web site

About the Userpop/Workload Mart Folders

The Userpop/Workload Mart sub-folders are organized in a way where

- There is a separate folder for each IHS Administrative Area, and
- Each IHS Administrative Area is allowed to view only reports in their folder.

Additionally, all logon accounts include access to the User Documentation folder.

Userpop/Workload Reports Schedule

The NPIRS Userpop and Workload verification reports are run per the schedule published and distributed for each fiscal year by Headquarters (HQ), Division of Program Statistics (DPS). A copy of the current fiscal year schedule is located in the User Documentation folder.

All other standard workload reports are generated at the end of the fiscal year and on request.

E-mail requests to have reports run to the NPIRS Help Desk at:

[IHS - OITHELP-NPIRS \(IHS\)](#)

Userpop/Workload Mart Organization

The Userpop/Workload Mart reports are located in ***NDW Reports** folder and are organized into the following six categories:

- Ambulatory Patient Care
- Contract Health Services
- Dental
- Inpatient
- Registration
- Workload Summary¹

Viewing Workload Reports

Workload reports are contained in four folders related to the type of workload: Ambulatory, Contract, Dental, and Inpatient. There are reports in each of these folders that are designated as workload verification reports and can be identified by having an asterisk (*) in front of their name.

Workload verification reports are reports used to verify the number of visits between NPIRS and Areas/Service Units/Facilities. These reports are generated in each workload cycle. Other standard workload reports are generated at the end of the fiscal year.

To view a Workload report:

1. In the Folders pane, expand your Area folder, click the ***NDW Reports** folder, and click on the appropriate folder: **Ambulatory Patient Care, Contract Health Services, Dental, or Inpatient.**

¹ The Workload Summary Reports will be documented in a later edition of this document.

The reports appear in the Details pane.

There may be multiple pages of reports displayed. To see additional pages, click on the page number located in the lower right-hand corner of the Details pane.

2. To view

- the most recent version of the report, click the report name.
- a previous version of the report, click History.

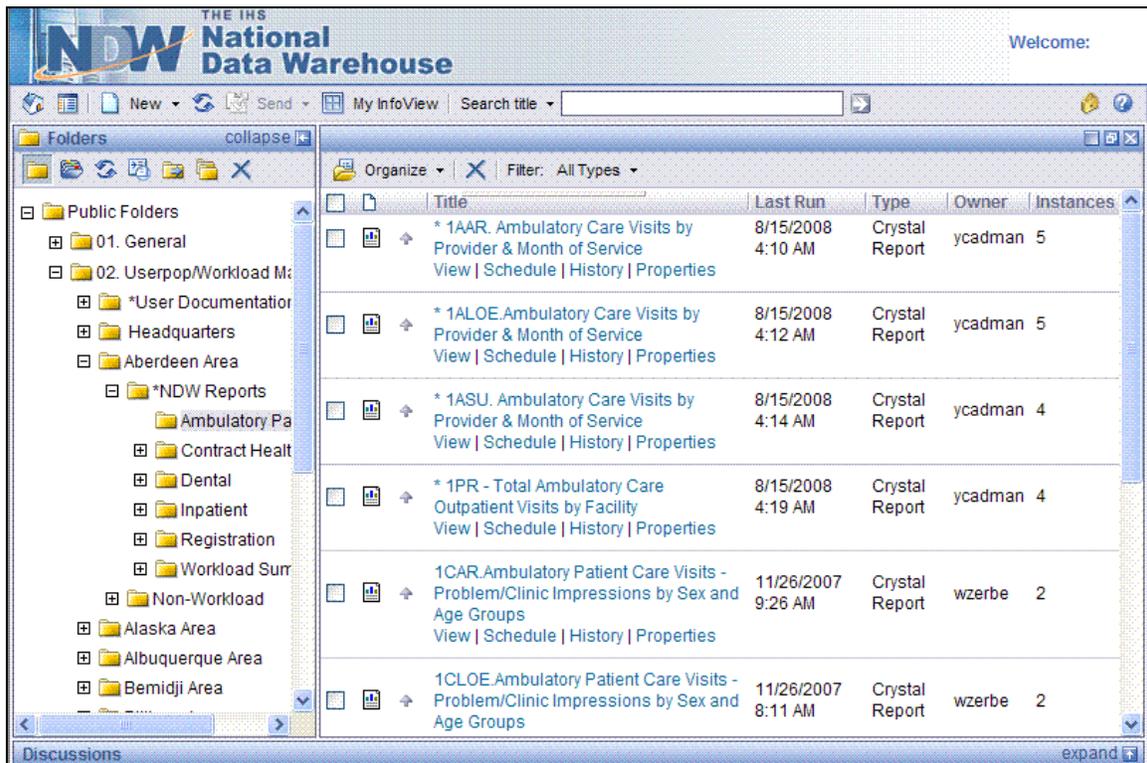


Figure 5: Viewing ambulatory patient care workload reports

Ambulatory Patient Care Reports

All NPIRS Ambulatory workload reports show **unduplicated** counts of **workload-reportable** Direct Outpatient visits received by NPIRS during a specified fiscal year.

A Direct Outpatient visit is workload-reportable when all the following conditions are met:

- Service Type must equal one of the following values:
 - I IHS
 - O OTHER
 - P TRIBE-COMPACTED TRIBAL PROGRAM
 - T TRIBE-NON 638/NON-COMPACT
 - U URBAN CLINIC
 - 6 TRIBE-638 PROGRAM
- Service Category must be equal to one of the following:
 - A AMBULATORY
 - O OBSERVATION
 - S DAY SURGERY
- Clinic code must be workload-reportable²
- Provider code must be workload-reportable³ and be active on the date of service
- Location of Encounter must be a valid APC⁴ Facility code
- At least one diagnosis code must be present

A Direct Outpatient visit is considered a duplicate when there is more than one visit record received for the same patient, location of encounter facility, date of service, clinic, and provider.

² The workload flag (WL_FG) in the IHS SCB Clinic table must be equal to 'Y.'

³ The workload flag (Workload Flag) in the IHS SCB Services Rendered by (Provider) table must be equal to 'Y.'

⁴ The APC Flag in the IHS SCB Facility tables must be set to 'YES.'

1A. Ambulatory Care Visits by Provider & Month of Service

The *1A* report displays the counts of unduplicated, workload-reportable Ambulatory (Direct Outpatient) visit records for each Primary Provider within the Month of Service in a specified fiscal year.

There are three versions of the 1A report:

- 1AAR Ambulatory Care Visits by Provider & Month of Service – by Area
- 1ASU Ambulatory Care Visits by Provider & Month of Service – by Service Unit
- 1ALOE Ambulatory Care Visits by Provider & Month of Service – by Location of Encounter (Facility)

A visit record must satisfy the following conditions to be counted on the 1A report:

- Direct Outpatient visit or Dental Pharmacy⁵ visit
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code
- Date of service within the fiscal year date range

⁵ Dental Pharmacy visit is a Direct Dental visit with at least one prescription issued. These visits added to counts for Provider '09' (Pharmacist).

Viewing Report

The following figure shows an example of the 'IALOE. Ambulatory Care Visits by Provider and Month of Service' report.

Report 1A - By Location of Encounter													Page: 33		
Ambulatory Care Visits by Provider and Month of Service													Report Run Date: 11/21/2007		
Area:	91	HAWAII	Report Date:	10/01/2006	THRU	09/30/2007									
Service Unit:	9199	BIG ISLAND													
Facility:	919911	BIG ISLAND HEALTH CARE													
Asterisk (*) indicates primary care patient visit															
Code	Primary Provider of Service	Year to Date	% of Total	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
00	* MD	1,124	17.0	88	108	74	52	75	85	119	171	109	114	87	42
01	CLINIC RN	467	7.1	5	2	5	10	16	35	41	57	78	66	93	59
03	HEALTH AIDE	1	.0		1										
05	LICENSED PRACTICAL NURSE	125	1.9	8	6	6		3	36	51	12	3			
06	MEDICAL SOCIAL WORKER	3	.0		3										
08	OPTOMETRIST	2	.0							1				1	
09	PHARMACIST	2	.0							2					
11	* PHYSICIAN ASSISTANT	6	.1		3					2	1				
17	* NURSE MIDWIFE	4,490	68.0	409	439	341	475	338	354	378	382	375	352	369	278
18	* CONTRACT PHYSICIAN	2	.0	1	1										
21	* NURSE PRACTITIONER	6	.1	2	2	1				1					
22	NURSE ASSISTANT	48	.7	1			1	1			1	12	23	1	2
26	RESPIRATORY THERAPIST	1	.0						1						
41	* CONTRACT OB/GYN	11	.2	9		2									
52	DENTIST	5	.1	1		2					1		1		
59	XRAY TECHNICIAN	2	.0		2										
72	* OB/GYN	301	4.6	45	29	24	34	38	7	17	12	7	18	41	29
75	* PEDIATRICIAN	2	.0	1	1										
80	* FAMILY PRACTICE	5	.1		4			1							
Total Outpatient Visits:		6,608	100.0	570	601	458	572	472	518	615	637	584	574	592	410
Total Primary Care Patient Visits:		5,947	90.1	555	587	442	561	452	446	517	566	491	484	497	349

Figure 6: IALOE. Ambulatory care visits by provider and month of service report

Terminology used in this report:

Term	Description
Code	The primary (first) provider discipline code sent with the visit record.
Primary Provider of Service	Description of the provider discipline code.
Year to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
% of Total	Percentage of the total Year-to-date (YTD) visits for each provider code in relation to total YTD Outpatient Visit for all providers.

Term	Description
Oct, Nov, Dec, Jan Feb, Mar, Apr, May Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Total Outpatient Visits	Total number of ambulatory visits for all providers.
Total Primary Care Patient Visits	Total number of ambulatory visits for providers that are designated in SCB as primary care providers (discipline codes with an '*').

1C. Ambulatory Patient Care Visits – Problem/Clinic Impressions by Sex and Age Groups

The *1C* report displays the counts of unduplicated, workload-reportable Direct Outpatient visit records grouped by Classes of Diseases and Gender, summarized by Age Groups in a specified fiscal year.

A drill-down feature is available for this report that will display detail for each Class of Disease.

There are three versions of the 1C report:

- 1CAR Annual Report 1C (Area) – Ambulatory Patient Care Problem/Clinic Impressions Visits by Sex and Age Groups
- 1CSU Annual Report 1C (Service Unit) – Ambulatory Patient Care Problem/Clinic Impressions Visits by Sex and Age Groups
- 1CLOE Annual Report 1C (Facility) – Ambulatory Patient Care Problem/Clinic Impressions Visits by Sex and Age Groups

A visit record must satisfy the following conditions to be counted on the 1C report:

- Direct Outpatient visit or Dental Pharmacy⁶ visit
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code
- Date of service within the fiscal year date range

⁶ Dental Pharmacy visit is a Direct Dental visit with at least one prescription issued.

Viewing Report

The following figure shows an example of the 'ICLOE. Ambulatory Patient Care Visits – Problem/Clinic Impressions by Sex and Age Groups' report.

The initial level displays counts by Classes of Diseases.

Annual Report 1C (Facility) - Ambulatory Patient Care Problem/Clinic Impressions Visits														
											Page:	104		
By Sex And Age Groups														
10/01/2006 THRU 09/30/2007														
Data Date: 11/26/2007														
Report Run Date: 11/26/2007														
Double Click on the Class Name (in blue) to view Class Detail (ICD9 Diagnosis)														
Area:	91	HAWAII												
Service Unit:	9199	BIG ISLAND												
Facility:	919911	BIG ISLAND HEALTH CARE												
Classes of Diseases	Total	0-27 Days	28 days 11 mos.	1-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-44 yrs	45-64 yrs	65+ yrs	Unk Age		
TOTAL for COMPLICATIONS OF PREGNANCY, CHILDBIRTH, AND THE PUERPERIUM (630-677)												0		
Male	0											0		
Female	1,017					1	167	377	472			0		
Unknown	0													
TOTAL	1,017					1	167	377	472		0	0		
TOTAL for DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE (680-709)												1	0	
Male	1												0	
Female	24			1			4	5	7	5	2	0	0	
Unknown	0													
TOTAL	25			1			4	5	7	5	3	0	0	
TOTAL for DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE (710-739)													0	0
Male	1									1	2	2	0	0
Female	14						2		8	2	2	0	0	0
Unknown	0													
TOTAL	15						2		9	2	2	0	0	0
TOTAL for SYMPTOMS,SIGNS,AND ILL-DEFINED CONDITIONS (780-799)												1	0	0
Male	1												0	0
Female	235						43	77	81	29	5	0	0	0
Unknown	0													
TOTAL	236						43	77	81	29	6	0	0	0

Figure 7: ICLOE. Ambulatory patient care visits - problem/clinic impressions by sex and age groups report

Terminology used in this report:

Term	Description
Classes of Diseases	Description for a group of diagnosis codes.
Age Groups	Number of ambulatory visits occurring within each age group for the displayed disease class. Calculated as of date of service. Age will be 'Unk Age' if birth date is unavailable.
Male	Total number of ambulatory visits for MALE gender in all age groups for the displayed disease class.

Term	Description
Female	Total number of ambulatory visits for FEMALE gender in all age groups for the displayed disease class.
Unknown	Total number of ambulatory visits where gender is missing in all age groups for the displayed disease class.
Total	Total number of ambulatory visits for all age groups for the displayed disease class.

The drill-down level displays counts for each diagnosis code contained in the selected Class of Disease:

Area: 91 HAWAII		10/01/2008 THRU 09/30/2007							Page: 1			
Service Unit: 9109 MALI												
Facility: 910109 OCEAN VIEW HOSP												
DETAIL for INFECTIOUS AND PARASITIC DISEASES (001-139)												
Problem / Clinic Impression (ICD9)	Total	0-27 Days	28 days 11 mos.	1-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-44 yrs	45-64 yrs	65+ yrs	Unk Age
004.8 SHIGELLA INFECTION NEC												
Male	0											
Female	1							1				
Unknown	0											
TOTAL	1							1				
004.9 SHIGELLOSIS NOS												
Male	1											
Female	5							5				
Unknown	0											
TOTAL	6							5	1			
007.1 GIARDIASIS												
Male	1											
Female	0											
Unknown	0											
TOTAL	1									1		
008.43 CAMPYLOBACTER												
Male	0											
Female	1		1									
Unknown	0											
TOTAL	1		1									
008.45 CLOSTRIDIUM DIFFICILE												
Male	1											
Female	2								1			1
Unknown	0											
TOTAL	3		1						1			1

Figure 8: ICLOE drill-down level displaying counts for each diagnosis code in the selected class of disease

Terminology used in this report:

Term	Description
Problem/Clinic Impression (ICD9)	Diagnosis code and description.
Age Groups	Number of ambulatory visits occurring within each age group for the displayed disease class. Calculated as of date of service. Age will be 'Unk Age' if birth date is unavailable.
Male	Total number of ambulatory visits for MALE gender in all age groups for the displayed disease class.
Female	Total number of ambulatory visits for FEMALE gender in all age groups for the displayed disease class.
Unknown	Total number of ambulatory visits where gender is missing in all age groups for the displayed disease class.
Total	Total number of ambulatory visits for all age groups for the displayed diagnosis.

1E. External Cause of Injury Relating to Place of Injury

The *IE* report displays the counts of unduplicated, workload-reportable Direct Outpatient visit records grouped by External Cause of Injury, summarized by Place of Injury in a specified fiscal year. An additional breakdown is given to show alcohol-related incidents.

There are three versions of the 1E report:

- 1EAR Ambulatory Patient Care by Area
 External Cause of Injury Relating To Place Of Injury
- 1ESU Ambulatory Patient Care by Service Unit
 External Cause of Injury Relating To Place Of Injury
- 1ELOE Ambulatory Patient Care by Location of Encounter (Facility)
 External Cause of Injury Relating To Place Of Injury

A visit record must satisfy the following conditions to be counted on the 1E report:

- Direct Outpatient visit
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code
- Date of service within the fiscal year date range

- Primary (first) External Injury Code value between 'E800.0' and 'E999.9'

Viewing Report

The following figure shows an example of the '1ELOE. External Cause Of Injury Relating To Place Of Injury' report.

Report 1E - Ambulatory Patient Care by Location of Encounter External Cause Of Injury Relating To Place Of Injury													
Report Date: 10/01/2006 THRU 09/30/2007										Page: 26	Date: 9/4/2008		
Date Processed: 11/26/2007													
AREA:	91	HAWAII											
SERVICE UNIT:	9114	OAHU											
FACILITY:	911401	OAHU GENERAL											
EXTERNAL CAUSE OF INJURY	TOTAL FIRST VISIT	HOME INSIDE	HOME OUTSIDE	FARM	SCHOOL	INDUSTRIAL PREMISES	REC. AREA	STREET OR HIGHWAY	PUBLIC BUILDING	RES. INSTITUTION	HUNTING & FISHING	OTHER	UNKN
ACCIDENTAL FALLS	571	15	1				3		17			215	320
ALCOHOL RELATED	2	2											
ACCIDENTAL POISONING	18	1										5	12
ALCOHOL RELATED	0												
ANIMAL RELATED INCL BITES	152	1					1					26	124
ALCOHOL RELATED	0												
CUTTING AND PERCING OBJECTS	161	5										46	110
ALCOHOL RELATED	0												
DROWNING AND SUBMERSION	1											1	
ALCOHOL RELATED	0												
ENVIRONMENTAL FACTORS	7											5	2
ALCOHOL RELATED	0												
FIREARMS ACCIDENTS	4												4
ALCOHOL RELATED	0												
FIRES AND FLAMES	16									1		6	9

Figure 9: 1ELOE. External cause of injury relating to place of injury report

Terminology used in this report:

Term	Description
External Cause of Injury	Description for a group of external cause of injury codes.
Alcohol Related	Indication that this visit was alcohol-related.
Total First Visit	Total number of ambulatory visits for all places of injuries.

Term	Description
Home Inside, Farm, School, Industrial Premises, Rec. Area, Street or Highway, Public Building, Res. Institution, Hunting & Fishing, Other, Unkn	Number of ambulatory visits for each place of injury.
Total For: Area	Area total number of ambulatory visits for all places of injury.

1F. Nature of Injury Relating to External Cause of Injury

The *1F* report displays the counts of unduplicated, workload-reportable Direct Outpatient visit records grouped by Nature of Injury, summarized by External Cause of Injury in a specified fiscal year. An additional breakdown is given to show alcohol-related incidents.

There are three versions of the 1F report:

1FAR	Report 1F – Ambulatory Patient Care by Area Nature of Injury Relating to External Cause of Injury
1FSU	Report 1F – Ambulatory Patient Care by Service Unit Nature of Injury Relating to External Cause of Injury
1FLOE	Report 1F – Ambulatory Patient Care by Location of Encounter (Facility) Nature of Injury Relating to External Cause of Injury

A visit record must satisfy the following conditions to be counted on the 1F report:

- Direct Outpatient visit
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code
- Date of service within the fiscal year date range
- Primary (first) External Injury Code value between 'E800.0' and 'E999.9'
- Primary (first) APC Recode value⁷ between '700' and '791'

⁷ Since NPIRS no longer receives APC diagnosis recodes, the recode values are derived from a lookup table based on the value received in the primary (first) ICD9 diagnosis code.

Viewing Report

The following figure shows an example of the '1FLOE. Nature of Injury Relating to External Cause of Injury' report.

		Report 1F - Ambulatory Patient Care by Location of Encounter Nature of Injury Relating To External Cause Of Injury																	
		10/01/2006 thru 09/30/2007																	
		Page: 29																	
		Date: 9/4/2008																	
		Date Processed:11/26/2007																	
AREA: 91 HAWAII																			
SERVICE UNIT: 9114 OAHU																			
FACILITY: 911401 OAHU GENERAL																			
		TOTAL																	
NATURE OF INJURY	VISITS	'1	'3	'4	'5	'6	'7	'8	'9	'10	'11	'12	'13	'14	'15	'16	'17	'18	'19
700 FRACTURE TRUNK	36	5				6										21			4
ALCOHOL RELATED																			
701 FRACTURE NOS	178	26				72				2						20			58
ALCOHOL RELATED																			
702 SPRAIN	454	33				151										11		1	258
ALCOHOL RELATED																			
710 INTRACRANIAL INJURY	32	9				5										12			6
ALCOHOL RELATED																			

Figure 10: 1FLOE. Nature of injury relating to external cause of injury report

Terminology used in this report:

Term	Description
Nature of Injury	Description for diagnosis recodes related to nature of injury.
Total Visits	Total number of ambulatory visits for all external causes of injury for this nature of injury.
Alcohol Related	Indication that this visit was alcohol-related.
Legend	Description for a group of external cause of injury codes.

1G. APC Visits to Service Locations and Service Units by Community of Residence

The *1G* report displays counts of unduplicated, workload-reportable Direct Outpatient visits for a specified fiscal year. The visits are summarized by where the care has been provided (service unit and service location) and by the patient’s state, county, and community of residence. For each service unit the data is also summarized as resident vs. non-resident visits.

A visit record must satisfy the following conditions to be counted on the 1G report:

- Direct Outpatient visit or Dental Pharmacy⁸ visit
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code
- Date of service within the fiscal year date range

Viewing Report

The following figure shows an example of the ‘*1G. APC Visits to Service Locations and Service Units by Community of Residence*’ report.

Report OR-1G Annual APC Visits to Service Locations and Service Unit				Print Date: 9/4/2008
By Community of Residence				10/01/2006 thru 09/30/2007
AREA: 91 HAWAII				
SERVICE UNIT: 99 BIG ISLAND				
State	County	Community	11 BIG ISLAND HEALTHCARE	
CALIFORNIA 06	HILLMAN 59	PARISH 308		7
		County Total		7
	State Total			
WYOMING 56	BIG SKY 40	GRAND RANCH 901		3
		County Total		3
	State Total			
HAWAII 15	MONA LAU 30	PALM 115		1
		BEACH 216		4
		OCEANVIEW 330		3
	County Total			8
State Total				8
NEVADA 32	HAVASU 20	LAKERTY 131		1
		County Total		1
	GOLDEN HILLS 40	MINETOWN 300		2
		County Total		
State Total				3
OREGON 41	PENDLE 50	RIVERVIEW 217		12

Figure 11: 1G. APC visits to service locations and service units by community of residence report

⁸ Dental Pharmacy visit is a Direct Dental visit with at least one prescription issued.

Terminology used in this report:

Term	Description
State	State where the patient resides.
County	County where the patient resides.
Community	Community where the patient resides.
Facility	Facility where the visit occurred. Each facility is displayed in a separate column heading as the last two digits of the facility code and the facility name.
County Total	Total number of ambulatory visits for that County.
State Total	Total number of ambulatory visits for that State.
Resident Visits	Total number of visits for patients who reside in the same service unit as the service unit of facility in which the services were provided.
Non-resident Visits	Total number of visits for patients who reside in a different service unit as the service unit of facility in which the services were provided.

1PR. Total Ambulatory Care Outpatient Visits by Facility

The *IPR* report displays the counts of unduplicated, workload-reportable Direct Outpatient visit records summarized by the months in the current fiscal year and the previous fiscal year.

A visit record must satisfy the following conditions to be counted on the 1PR report:

- Direct Outpatient visit or Dental Pharmacy⁹ visit
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code
- Date of service within the fiscal year date range

Viewing Report

The following figure shows an example of the '*IPR. Total Ambulatory Care Outpatient Visits by Facility*' report.

A bar chart is provided for comparison between the current and previous fiscal years.

⁹ Dental Pharmacy visit is a Direct Dental visit with at least one prescription issued.

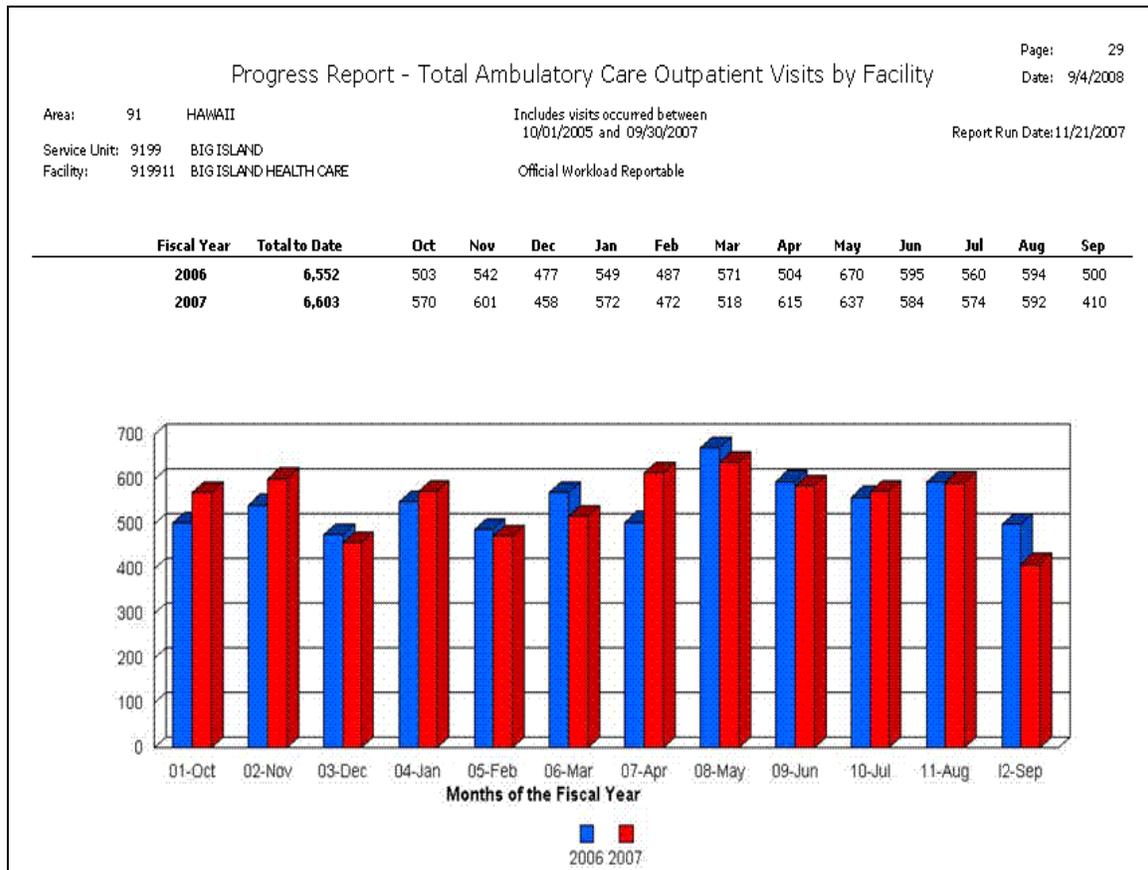


Figure 12: IPR – Total ambulatory care outpatient visits by facility report

Terminology used in this report:

Term	Description
Fiscal Year	Current fiscal year and previous fiscal year.
Total to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan Feb, Mar, Apr, May Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Months of the Fiscal Year	Displays as a graph for current and previous fiscal years the number of visits occurring during each month of service. Current year is displayed in red, and previous year is displayed in blue. If there is no data for a particular month, no bar will be shown.

Contract Health Services Reports

All NPIRS Contract workload reports show **unduplicated** counts of **workload-reportable**¹⁰ Contract Inpatient or Outpatient visits received by NPIRS during a specified fiscal year.

A Contract Outpatient visit is workload-reportable when Provider Type is equal to one of the following values:

- 01 (Hospital – GM&S)
- 05 (Physician)
- 06 (Optometrist)
- 07 (Dentist)
- 12 (Pharmacy)
- 16 (All Other)
- 17 (Chiropractor)
- 18 (NHSC – PNP)
- 19 (NHSC – CNW)

A Contract Inpatient visit is workload-reportable when Provider Type is equal to one of the following values:

- 01 (Hospital – GM&S)
- 03 (Hospital – Psychiatric)
- 04 (Nursing Home)

A Contract visit is considered a duplicate when there is more than one visit record received for the same patient, authorizing facility, and date of service.

¹⁰ There is one exception – contract inpatient and outpatient records received from CHS Fiscal Intermediary (CHSFI) that did not pass the FI edits are excluded from showing on these reports.

Contract Inpatient Visits

3GI. Services by ASUFAC: Cumulative Monthly Statistical Report

The 3GI report displays count of unduplicated, workload-reportable Contract Inpatient visits grouped by provider type, summarized by discharges, length of stay, average length of stay, and cost.

An additional breakdown for provider type '01' (Hospital) is given to display counts for adults/pediatrics and newborns.

A visit record must satisfy the following conditions to be counted on the 3GI report:

- Contract Inpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- Discharge Date within the fiscal year date range

Viewing Report

The following figure shows an example of the '3GI. Services by ASUFAC: Cumulative Monthly Statistical Report' report.

Cumulative Monthly Statistical Report					Page: 10
Report 3G - Contract Health Services - INPATIENT Hospitalization (WORKLOAD) Services by ASUFAC					Date: 9/4/2008
(restricted by provider type)					Data Date: 11/21/2007
10/01/2006 THRU 09/30/2007					
Area:	91	HAWAII			
Service Unit:	9114	OAHU			
Facility:	911401	OAHU GENERAL			
HOSPITAL TYPE	DISCHARGES*	DAYS	ALOS	COST	
01 HOSPITAL - GM&S ADULT/PED	124	645	5.2	679,528	
01 HOSPITAL - GM&S NEWBORNS	1	2	2.0	178	
03 HOSPITAL - PSYCHIATRIC	2	5	2.5	7,490	

FACILITY TOTAL	127	652	5.1	687,196	

Figure 13: 3GI. Services by ASUFAC: cumulative monthly statistical report

Terminology used in this report:

Term	Description
Hospital Type	Provider type sent with the visit record.
Adult/PED	Age > 30 days
Newborn	Age < 30 days
Discharges	Number of visits where discharge date was within the indicated date range.
Days	Total number of days in the hospital for the visits selected.
ALOS	Average Length of Stay (number of days in the hospital). Calculated by dividing the total number of hospital days in a facility for the selected visits by the total number of discharges in this facility during a fiscal year.
Cost	Total amount paid to providers for the selected visits.
Facility (ASUFAC) total	Totals for this authorizing facility.
Area Total	Totals for all authorizing facilities in this Area.

3I. Hospital Discharges, Days and Average Length of Stay by Admission Diagnosis (ICD9), and Age Group

The 3I report displays counts of unduplicated, workload-reportable Contract Inpatient visits grouped by classes of diseases and admission diagnosis, summarized by age groups. An additional breakdown is given to display discharge counts, days in hospital, average length of stay, and cost.

This report also provides for each facility's total for the following sub-groups:

GENERAL	All hospitalizations
NEWBORN	Hospitalizations related to giving birth (primary diagnosis in range 'V30.' to 'V39.99')

Additionally, for each facility separate counts are provided for hospitalizations related to giving birth under grouping NEWBORN.

A visit record must satisfy the following conditions to be counted on the 3I report:

- Contract Inpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- At least one diagnosis code must be present
- Discharge Date within the fiscal year date range

Viewing Report

The following figure shows an example of the '3I. Hospital Discharges, Days and Average Length of Stay By Admission Diagnosis (ICD9), and Age Group' report.

Contract Health Services (Inpatient) Report 3I - By ASUFAC													Page:	9	
Hospital Discharges, Days and Average Length of Stay													Date:	9/4/2008	
By Admission Diagnosis (ICD9), And Age Groups													Report Run Date:	12/06/2006	
Area:	91	HAWAII	10/01/2005 THRU 09/30/2006												
Service Unit:	9101	MAUI													
Facility:	910109	OCEAN VIEW HOSP													
ICD9	ADMISSION DIAGNOSIS	Total ALL AGES	0-27 Days	28 days 11 mos.	AGE DISTRIBUTION										Unk Age
					1-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-44 yrs	45-64 yrs	65+ yrs			
311	DEPRESSIVE DISORDER NEC														
	DISCH	8						1	1	1	4	1			
	DAYS	19						5	3	1	9	1			
	ALOS	2.4						5.0	3.0	1.0	2.3	1.0			
	PAID AMT	\$22,865													
314.01	ATTN DEFICIT W HYPERACT														
	DISCH	1						1							
	DAYS	1						1							
	ALOS	1.0						1.0							
	PAID AMT	\$3,686													
TOTAL MENTAL DISORDERS (290-319)															
	DISCH	46						2	3	14	23	4			
	DAYS	131						6	8	50	60	7			
	ALOS	2.8						3.0	2.7	3.6	2.6	1.8			
	PAID AMT	\$154,613													

Figure 14: 3I. Hospital discharges, days and average length of stay by admission diagnosis (ICD9), and age group report

Terminology used in this report:

Term	Description
ICD9 Admission Diagnosis	ICD9 code and description for the admission diagnosis of the visit.
Total disease class (ICD9 range)	Total visits with admission diagnosis codes within this disease class.
Facility Total Admission Diagnosis	Total visits for this facility.
DISCH	Number of discharges.
Days	Number of days in the hospital.
ALOS	Average Length of Stay. Calculated by dividing total days in the hospital by number of discharges.
Age Distribution	Age groups, where age is calculated by subtracting birth date from discharge date. Age will be Unknown (Unk Age) if birth date is not available.
Total ALL AGES	Total count across all age groups.

3IPR. Total Contract Inpatient Visits by Facility

The *3IPR* report displays the counts of unduplicated, workload-reportable Contract Inpatient visit records summarized by the months in the current fiscal year and the previous fiscal year.

A visit record must satisfy the following conditions to be counted on the *3IPR* report:

- Contract Inpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- Discharge Date within the fiscal year date range

Viewing Report

The following figure shows an example of the '*3IPR. Total Contract Inpatient Visits by Facility*' report.

A bar chart is provided for comparison between the current and previous fiscal years.

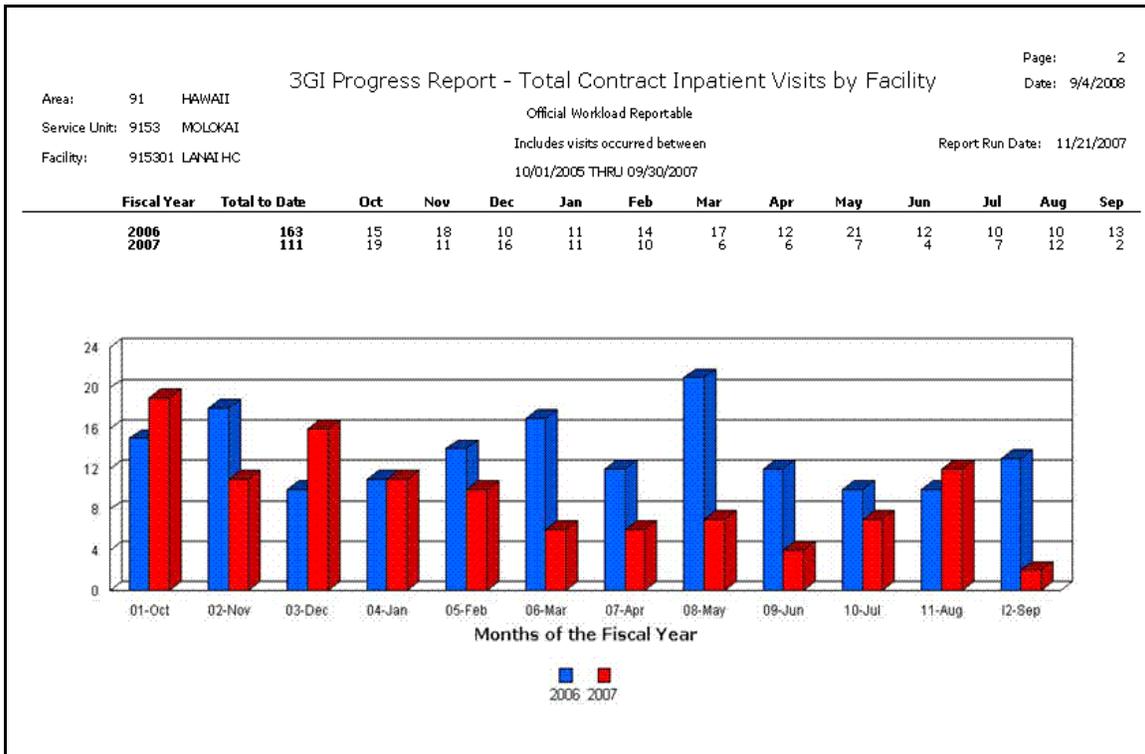


Figure 15: 3IPR. Total contract inpatient visits by facility report

Terminology used in this report:

Term	Description
Fiscal Year	Current fiscal year and previous fiscal year.
Total to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan Feb, Mar, Apr, May Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Months of the Fiscal Year	Displays as a graph for current and previous fiscal years the number of visits occurring during each month of service. Current year is displayed in red, and the previous year is displayed in blue. If there is no data for a particular month, no bar will be shown.

Contract Outpatient Visits

3A. CHSO by Area and ASUFAC Visits by Male, Female, Diagnosis Recode, and Age Groups

The 3A report displays the counts of unduplicated, workload-reportable Contract Outpatient visit records grouped by Diagnosis Recode and Gender, summarized by Age Groups in a specified fiscal year.

A visit record must satisfy the following conditions to be counted on the 3A report:

- Contract Outpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- Primary (first) diagnosis recode must be present
- Date of service within the fiscal year date range

Viewing Report

The following figure shows an example of the '3A. CHSO by Area and ASUFAC Visits by Male, Female, Diagnosis Recode and Age Groups' report.

Contract Health Services (Outpatient) Report 3A - By Area and ASUFAC												Page:	6
Visits By Male, Female, Diagnosis (Recode), And Age Groups												Date:	09/04/2008
Report Run Date: 11/26/2007													
AREA:	91	HAWAII											
FACILITY:	910109	OCEAN VIEW HOSP	10/01/2006 through 09/30/2007										
D I A G N O S I S		TOTAL VISITS	0-27 Days	28 days 11 mos.	1-4 yrs	5-9 yrs	A G E G R O U P S						Unk
						10-14 yrs	15-19 yrs	20-24 yrs	25-44 yrs	45-64 yrs	65+ yrs		
214	INFLAMMATORY DISEASE OF EYE												
	Male Visits	4						3	1				
	Female Visits	6							1	3	2		
	TOTAL	10						3	2	3	2		
216	EYE DISEASE												
	Male Visits	22				2		1	8		11		
	Female Visits	30						1	14	11	4		
	TOTAL	52				2		2	22	11	15		
TOTAL EYE DISEASES (209-216)													
	Male Visits	49				3		5	12	7	22		
	Female Visits	92						1	18	55	18		
	TOTAL	141				3		6	30	62	40		
251	CHRONIC OTITIS MEDIA												
	Male Visits												
	Female Visits	1									1		
	TOTAL	1									1		

Figure 16: 3A. CHSO by area and ASUFAC visits by male, female, diagnosis recode and age groups report

Terminology used in this report:

Term	Description
Diagnosis	The diagnosis recode and descriptive name for the primary diagnosis code on the visit.
Total Visits	Total number of visits for all ages.
Age Groups	Age group in which the patient falls. Calculated using date of service. Age will be Unknown (Unk Yrs) if birth date is not available.
Male Visits	Total number of visits for MALE gender.
Female Visits	Total number of visits for FEMALE gender.

3GO. Services by ASUFAC: Cumulative Monthly Statistical Report

The 3GO report displays counts of unduplicated, workload-reportable Contract Outpatient visits grouped by type of outpatient service, summarized by number of visits and cost.

A visit record must satisfy the following conditions to be counted on the 3GO report:

- Contract Outpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- Date of service within the fiscal year date range

Viewing Report

The following figure shows an example of the '3GO. Services by ASUFAC: Cumulative Monthly Statistical Report' report.

Area: 91 HAWAII	Cumulative Monthly Statistical Report		Page: 10
Service Unit: 9114 OAHU	Report 3G - Contract Health Services		Date: 9/4/2008
Facility: 911401 OAHU GENERAL			Data Date: 11/21/2007
OUTPATIENT Services by ASUFAC (restricted by provider type) 10/01/2006 THRU 09/30/2007			
TYPE OF OUTPATIENT SERVICES	NUMBER OF OUTPATIENT VISITS	COST	
MD (01)	7	1,429	
MD (05)	384	137,486	
OT (99)	4	636	
<hr style="border-top: 1px dashed black;"/>			
FACILITY (ASUFAC) TOTAL	395	139,551	

Figure 17: 3GO. Services by ASUFAC: cumulative monthly statistical report

Terminology used in this report:

Term	Description
Type of Outpatient Services	Grouping of visits based on the value received in Provider Type field: MD (01) – records with Provider Type value ‘01’; MD (05) – records with Provider Type value ‘05’; OD (06) – records with Provider Type value ‘06’; OT (99) – records with Provider Type value ‘07’, ‘12’, ‘16’, ‘17’, ‘18’, or ‘19’.
Number of Outpatient Visits	Total number of visits for this type of outpatient service.
Cost	Amount paid to the provider for these services.
Facility (ASUFAC) Total	Totals for this authorizing facility.
Area Total	Totals for all authorizing facilities in this area.

3H. CHSI Number of Discharges and Hospital Days by External Cause of Current Injury, by Age Groups

The 3H report displays counts of unduplicated, workload-reportable Contract Inpatient visits, grouped by external cause of injury, summarized by number of discharges, average length of stay, and age groups.

A visit record must satisfy the following conditions to be counted on the 3H report:

- Contract Outpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- Discharge date within the fiscal year date range
- Primary (first) External Injury Code value between 'E800.0' and 'E999.9'

Viewing Report

The following figure shows an example of the '3H. Number of Discharges and Hospital Days by External Cause of Current Injury, by Age Groups' report.

EXTERNAL CAUSE OF CURRENT INJURY		TOTAL DISCH.		AGE DISTRIBUTION										UNKN	
		NO.	ALOS	0-27 DAYS	28 DAYS 11 MOS.	1 - 4 YEARS	5 - 9 YEARS	10 - 14 YEARS	15 - 19 YEARS	20 - 24 YEARS	25 - 44 YEARS	45 - 64 YEARS	65+ YEARS		
E849															
	.0 ACCIDENT IN HOME	7	3.6							1	1	3	1	1	
	.5 ACCID ON STREET/HIGHWAY	1	10.0									1			
	.7 ACCID IN RESIDENT INSTIT	1	3.0									1			
TOTAL	E849	9	4.2							1	1	5	1	1	
E885															
	.9	1	1.0									1			
TOTAL	E885	1	1.0									1			
E927															
	. ACCID FROM OVEREXERTION	1	8.0									1			
TOTAL	E927	1	8.0									1			
E988															
	.9 UNDETERMIN CIRCUMST NOS	44	5.9					1		9	20	11	3		
TOTAL	E988	44	5.9					1		9	20	11	3		

Figure 18: 3H. number of discharges and hospital days by external cause of current injury, by age groups report

Terminology used in this report:

Term	Description
External Cause of Current Injury	External injury code and description for the cause of the injury that resulted in the inpatient stay.
Age Distribution	Age groups, where age is calculated using discharge date. Age will be Unknown (UNKN) if birth date is not available.
NO	Total number of discharges across all age groups.
ALOS	Average Length of Stay across all age groups. Calculated by dividing total number of hospital days for all visits, by number of visits.
Service Unit Total	Total visits across all external injury codes for that location of encounter service unit.
Grand Total External Cause of Injury	Total visits for the area for all external injury codes.

3OPR. Total Contract Outpatient Visits by Facility

The *3OPR* report displays the counts of unduplicated, workload-reportable Contract Outpatient visit records summarized by the months in the current fiscal year and the previous fiscal year.

A visit record must satisfy the following conditions to be counted on the 3OPR report:

- Contract Outpatient visit record
- Workload-reportable
- Non-duplicate
- Valid Authorizing Facility Code
- Date of service within the fiscal year date range

Viewing Report

The following figure shows an example of the '*3OPR. Total Contract Outpatient Visits by Facility*' report.

A bar chart is provided for comparison between the current and previous fiscal years.

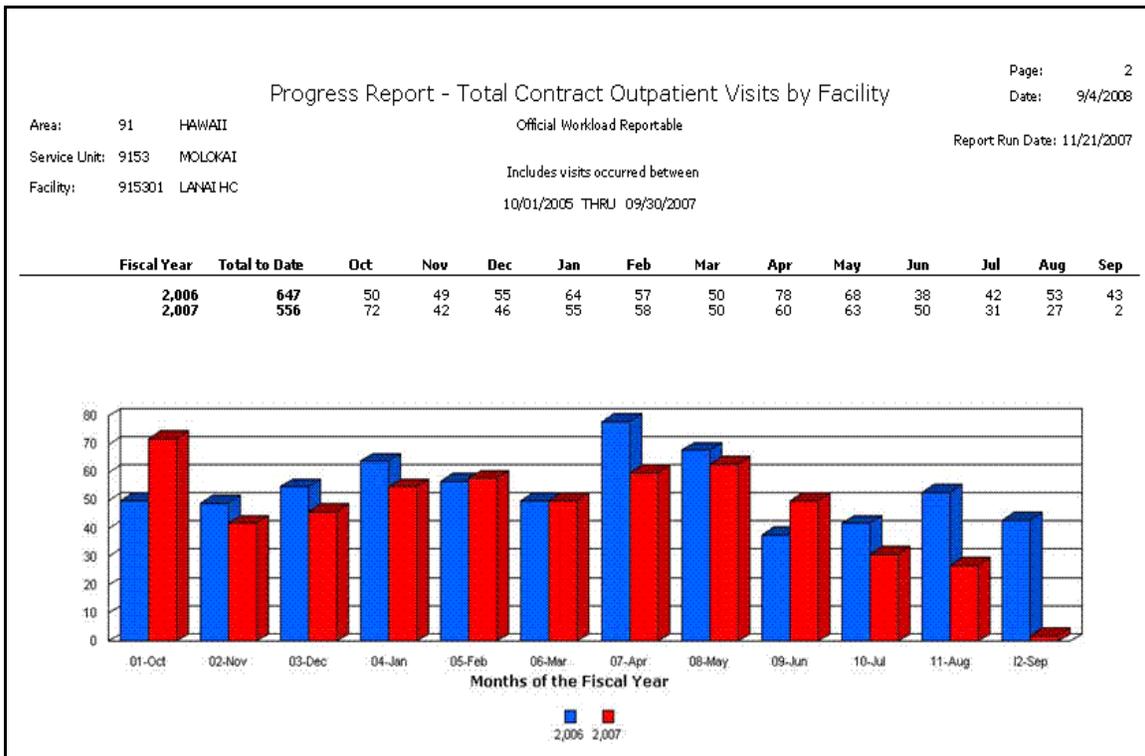


Figure 19: 3OPR. Total contract outpatient visits by facility report

Terminology used in this report:

Term	Description
Fiscal Year	Current fiscal year and previous fiscal year.
Total to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan Feb, Mar, Apr, May Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Months of the Fiscal Year	Displays as a graph for current and previous fiscal years the number of visits occurring during each month of service. Current year is displayed in red, and the previous year is displayed in blue. If there is no data for a particular month, no bar will be shown.

All Contract Visits

SCC. CHS Service Class Codes Report

The SCC report shows counts of workload-reportable Purchase Orders for facility, grouped by service class, summarized by Purchase Order counts and cost.

A visit record must satisfy the following conditions to be counted on the SCC report:

- Contract Inpatient, Outpatient, or Dental¹¹ visit record
- Workload-reportable
- Valid Authorizing Facility Code
- Must contain a Service Class Code
- Purchase Order issued for the given fiscal year

Viewing Report

The following figure shows an example of the 'SCC. CHS Service Class Codes' report.

Service Class Code Summary Report			Page 1 of 4
Region: HAWAII			Process Date: 11/21/2007
Fiscal Year: 2007		# of Paid PO's	IHS Paid Amount
Facility: 910109	OCEAN VIEW HOSP		
	2185	2	\$4,094
	252G	144	\$1,053,997
	252H	118	\$57,673
	252L	236	\$253,160
	252M	25	\$66,724
	252Q	22	\$26,785
	252S	25	\$8,009
	254B	295	\$281,719
	254D	1,424	\$640,346
	254J	98	\$19,943
	263A	78	\$22,738
	263G	42	\$8,921
Totals for Facility:	OCEAN VIEW HOSP	2,509	\$2,444,108
Facility: 911013	WHALE COVE		
	2185	76	\$27,977
	252A	1	\$100
	252G	208	\$1,067,622
	252H	5	\$567
	252L	550	\$434,319
	252M	6	\$24,897
	252Q	158	\$41,829
	252S	7	\$1,672
	254B	240	\$245,600
	254D	1,430	\$723,138
	254J	32	\$16,334
	263A	34	\$13,490
	263G	83	\$21,096
	263K	1	\$55
Totals for Facility:	WHALE COVE	2,826	\$2,618,697

Figure 20: SCC. CHS service class codes report

¹¹ Dental workload-reportable requirements are explained in the "Dental Reports" section.

Terminology used in this report:

Term	Description
# of Paid PO's	Number of closed Purchase Orders issued for a given fiscal year.
IHS Paid Amount	Amount of money that was paid in a given fiscal year for the Purchase Orders.
Fiscal Year	Identified by first two digits taken from the Purchase Order number.

Dental Reports

All NPIRS Dental workload reports show unduplicated counts of workload-reportable Direct and Contract Dental visits received by NPIRS during a specified fiscal year.

NPIRS splits the Direct Dental visits into two types: regular dental and dental pharmacy. The only difference between the two is that the latter had at least one prescription issued.

A Direct Dental visit (regular and pharmacy) is workload-reportable when all the following conditions are met:

- Service Type must equal one of the following values:
 - I IHS
 - O OTHER
 - P TRIBE-COMPACTED TRIBAL PROGRAM
 - T TRIBE-NON 638/NON-COMPACT
 - U URBAN CLINIC
 - 6 TRIBE-638 PROGRAM
- Service Category must equal one of the following values:
 - A AMBULATORY
 - O OBSERVATION
 - S DAY SURGERY
- At least one ADA code must be present
- None of the ADA Codes equal 9130 (Cancelled Appointment) or 9140 (Broken Appointment – No Show)

A Contract Dental visit is workload-reportable when all the following conditions are met:

- At least one ADA code must be populated
- None of the ADA Codes equal 9130 (Cancelled Appointment) or 9140 (Broken Appointment – No Show)

A Dental visit is considered a duplicate when there is more than one visit record received for the same patient, facility, and date of service.

DENPR. Total Dental Visits (by Facility)

The *DENPR* report displays the counts of unduplicated, workload-reportable Dental visit records summarized by the months in the current fiscal year and the previous fiscal year.

A visit record must satisfy the following conditions to be counted on the DENPR report:

- Dental visit record (Direct or Contract)
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code (direct dental) or valid Authorizing Facility Code (contract dental)
- Service Date within the fiscal year date range

Viewing Report

The following figure shows an example of the '*DENPR - Total Dental Visits (by Facility)*' report.

A bar chart is provided for comparison between the current and previous fiscal years.

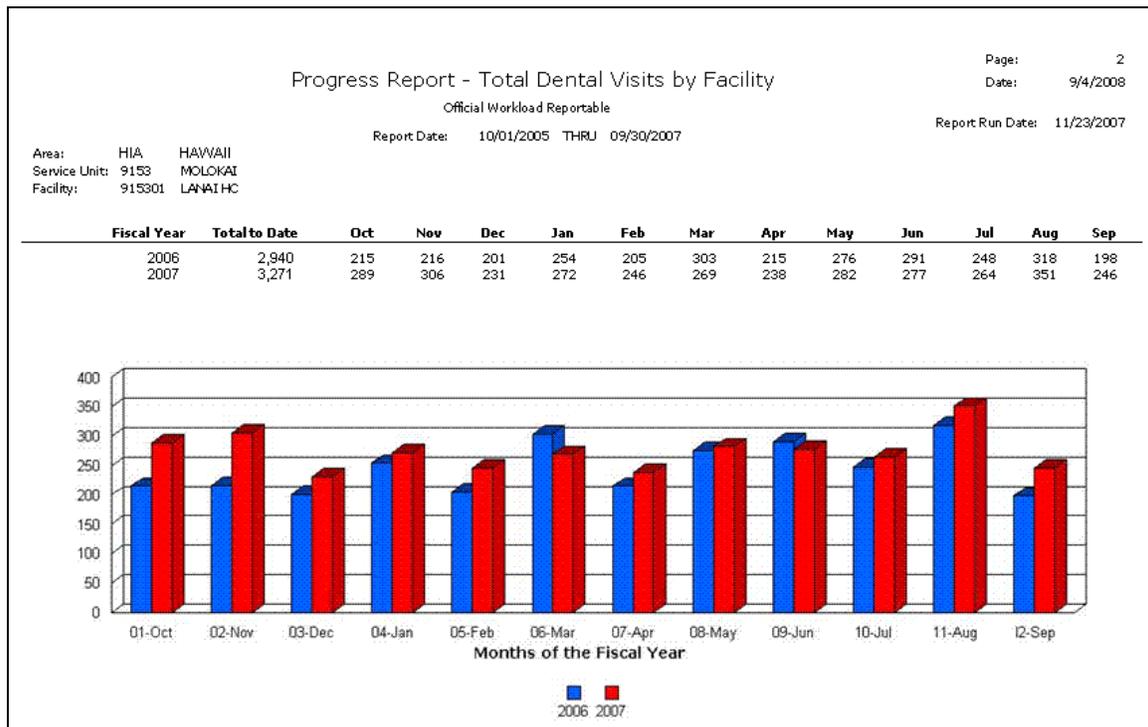


Figure 21: DENPR – Total dental visits (by facility) report

Terminology used in this report:

Term	Description
Fiscal Year	Current fiscal year and previous fiscal year.
Total to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan Feb, Mar, Apr, May Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Months of the Fiscal Year	Displays as a graph for current and previous fiscal years the number of visits occurring during each month of service. Current year is displayed in red, and the previous year is displayed in blue. If there is no data for a particular month, no bar will be shown.

Dental Workload Report – Dental Visits by Facility

The *Dental Workload* report displays counts of unduplicated, workload-reportable Direct and Contract Dental visits grouped by facility and provider, and summarized by month of service.

A visit record must satisfy the following conditions to be counted on the Dental Workload report:

- Dental visit record (Direct or Contract)
- Workload-reportable
- Non-duplicate
- Valid Location of Encounter Facility Code (direct dental) or valid Authorizing Facility Code (contract dental)
- Service Date within the fiscal year date range

Viewing Report

The following figure shows an example of the '*Dental Workload Report – Dental Visits by Facility*' report.

Dental Workload Report													Page 10 of 21	
Dental Visits by Facility, Providers and Months of Visit													Report Run Date 11/23/2007	
Area: 91		HAWAII											Report Date: 10/01/2006 through 09/30/2007	
Service Unit: 9114		OAHU												
Workload Reportable Visits only														
Code	Provider of Service	Year to Date	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Facility: OAHU GENERAL														
52	DENTIST	3,404	327	262	345	334	307	394	280	175	55	339	284	302
Sub total:		3,404	327	262	345	334	307	394	280	175	55	339	284	302
Facility: HIAI RIVER HC														
52	DENTIST	2,665	262	207	203	226	164	240	247	221	247	213	199	236
Sub total:		2,665	262	207	203	226	164	240	247	221	247	213	199	236
Visits for OAHU Service Unit :		6,069	589	469	548	560	471	634	527	396	302	552	483	538

Figure 22: Dental workload report – dental visits by facility report

Terminology used in this report:

Term	Description
Code	Provider Discipline Code of the provider that performed the service. The ‘—’ indicates contract dental visits for which NPIRS does not receive Provider Discipline codes.
Provider of Service	Description for the Provider Discipline Code.
Year to date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan, Feb, Mar Apr, May, Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Subtotal	Total dental visits for that facility.

Inpatient Reports

All NPIRS Inpatient workload reports show unduplicated counts of workload-reportable Direct Inpatient visits received by NPIRS during a specified fiscal year.

A Direct Inpatient visit is workload-reportable when all the following conditions are met:

- Service Category is H (Hospitalization)
- Service Type is one of the following values:
 - I IHS
 - O OTHER
 - P TRIBE-COMPACTED TRIBAL PROGRAM
 - T TRIBE-NON 638/NON-COMPACT
 - 6 TRIBE-638 PROGRAM
- The primary ICD9 diagnosis code must be present

A Direct Inpatient visit is considered a duplicate when there is more than one visit record received for the same patient, location of encounter facility, admission date, and discharge date.

2A. Hospital Discharges and Consultations

The 2A report displays counts of unduplicated, workload-reportable Direct Inpatient visits grouped by Admission Service and age groups, summarized by type of discharge.

A visit record must satisfy the following conditions to be counted on the 2A report:

- Direct Inpatient visit record
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code
- Discharge Date falling into fiscal year date range

Viewing Report

The following figure shows an example of the '2ALOE. Hospital Discharges and Consultations' report.

Report 2A - Inpatient Hospital Discharges and Consultations													Page: 1					
By Location of Encounter													Date: 9/4/2008					
10/01/2006 THRU 09/30/2007													Report Run Date: 11/26/2007					
Area:	91	HAWAII																
Service Unit:	9101	MALI																
Facility:	910109	OCEAN VIEW HOSP																
TYPE SVC.	TOTAL DISPOSITIONS			DISCHARGES			TRANSFERRED			IRREG. DISCHARGES			DIED WITHIN 48 HRS			DIED AFTER 48 HRS UNSP		
	NO.	ALOS	CONS	NO.	ALOS	CONS	NO.	ALOS	CONS	NO.	ALOS	CONS	NO.	ALOS	CONS	NO.	ALOS	CONS
03 GENERAL MEDICINE																		
UNDER 15			0	139	5.2	0	21	3.8	2	11	2.0				2	23.0		
15+OVER	173	5.0	9			7												
AGE UNKN						0												
TOTAL	173	5.0	9	139	5.2	7	21	3.8	2	11	2.0				2	23.0		
11 PEDIATRICS																		
UNDER 15	11	2.4	0	11	2.4	0												
15+OVER						0												
AGE UNKN						0												
TOTAL	11	2.4		11	2.4	0												
12 PSYCHIATRIC MENTAL HEALTH																		
UNDER 15			0	18	18.2	3	1	12.0	2									
15+OVER	19	17.8	5			0												
AGE UNKN						0												
TOTAL	19	17.8	5	18	18.2	3	1	12.0	2									

Figure 23: 2ALOE – Hospital discharges and consultations report

Terminology used in this report:

Term	Description
Type SVC.	Name of the Admission Service to which the patient was admitted.
Under 15	Number of visits for patients under 15 years old at date of discharge.
15+Over	Number of visits for patients 15 years and older at date of discharge.
AGE UNKN	Number of visits for patients where age is unknown at date of discharge because birth date is not available.
NO.	Total number of visits for the discharge types.
ALOS	Average Length of Stay for the discharge types; calculated by dividing the total number of hospital days for the discharge type by the total number of discharges.
CONS	Number of consultations.
Facility Total	Total discharges across all Admission Service codes in that facility.

2B. Number of Discharges and Hospital Days by External Cause of Current Injury, by Age Groups (by Area)

The 2B report displays counts of unduplicated, workload-reportable Direct Inpatient visits, grouped by external cause of injury, summarized by number of discharges, average length of stay, and age groups.

There are two versions of the 2B report:

- 2BAR Number of Discharges and Hospital Days by External Cause of Current Injury, by Age Groups (by Area)

- 2BSU Number of Discharges and Hospital Days by External Cause of Current Injury, by Age Groups (by Service Unit)

A visit record must satisfy the following conditions to be counted on the 2B report:

- Direct Inpatient visit record
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code
- Discharge Date falling into fiscal year date range
- Primary (first) External Injury Code value between 'E800.0' and 'E999.9'

Viewing Report

The following figure shows an example of the '2B. *Number of Discharges and Hospital Days by External Cause of Current Injury, by Age Groups*' report.

EXTERNAL CAUSE OF CURRENT INJURY	TOTAL DISH.		AGE DISTRIBUTION									
	ALL AGES	0-27	28 DAYS	1 - 4	5 - 9	10 - 14	15 - 19	20 - 24	25 - 44	45 - 64	65+	UNKN
	NO.	ALOS	YEARS	11 MOS.	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	YEARS	
AREA: HAWAII	Report 2B - Inpatient By AREA Number of Discharges And Hospital Days By External Cause Of Current Injury, By Age Groups 10/01/2006 THRU 09/30/2007											
E888	Page: 4 Date: 9/4/2008 Report Run Date: 11/26/2007											
.0 UNKNOWN INJURY NAME	1	1.0							1			
.1 UNKNOWN INJURY NAME	3	3.3				1	1					1
.9 UNKNOWN INJURY NAME	18	4.1							5	6		7
TOTAL E888	22	3.8				1	1		6	6		8
E890												
.3 PRIV D WEL FIRE-BURNING	2	3.5										2
TOTAL E890	2	3.5										2
E894												
. UNKNOWN INJURY NAME	1	3.0										1
TOTAL E894	1	3.0										1
E901												
.0 EXCESSIVE COLD; WEATHER	3	26.0						2				1
.9 EXCESSIVE COLD NOS	1	4.0							1			

Figure 24: 2B. Number of discharges and hospital days by external cause of current injury, by age groups report

Terminology used in this report:

Term	Description
External Cause of Current Injury	External injury code and description for the cause of the injury that resulted in the inpatient stay.
Age Distribution	Age groups, where age is calculated using discharge date. Age will be Unknown (UNKN) if birth date is not available.
NO	Total number of discharges across all age groups.
ALOS	Average Length of Stay across all age groups. Calculated by dividing total number of hospital days for all visits by number of visits.
Grand Total External Cause of Injury	Total visits for the area for all external injury codes.

2C. Hospital Discharges, Days, and Average Length of Stay by Diagnosis ICD9-Code and Age Groups

The 2C report displays counts of unduplicated, workload-reportable Direct Hospitalization visits grouped by classes of diseases, summarized by age groups. An additional breakdown is given to display discharge counts, days in hospital, and average length of stay.

There are two versions of the 2C report:

2CAR Hospital Discharges, Days, and Average Length of Stay by Diagnosis ICD9-Code and Age Groups – by Area

2CLOE Hospital Discharges, Days, and Average Length of Stay by Diagnosis ICD9-Code and Age Groups – by Location of Encounter

Each report provides totals for the following sub-groups:

GENERAL All hospitalizations

NEWBORN Hospitalizations related to giving birth (primary diagnosis in range 'V30.' to 'V39.99')

A drill-down feature is available for this report that will display detail for each Class of Disease.

A visit record must satisfy the following conditions to be counted on the 2C report:

- Direct Inpatient visit record
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code
- Discharge Date falling into fiscal year date range

Viewing Report

The following figure shows an example of the '2C. Hospital Discharges, Days and Average Length of Stay by ICD9-Code and Age Groups' report.

The initial level displays counts by Classes of Diseases.

Page: 8
Date: 9/4/2008

Inpatient Report 2C - By Location of Encounter
Hospital Discharges, Days and Average Length of Stay By Admission Diagnosis, And Age Groups
10/01/2006 THRU 09/30/2007 Report Run Date: 11/26/2007

Double Click on the Class Name (in blue) to view Class Detail (Admission Diagnosis)

Area: 91 HAWAII
Service Unit: 9127 BLACK BLUFF
Facility: 912715 BLACK RID HC

Classes of Diseases	Total ALL AGES	A G E D I S T R I B U T I O N										
		0-27 Days	28 days 11 mos.	1-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-44 yrs	45-64 yrs	65+ yrs	Unk Age
TOTAL for DISEASES OF THE RESPIRATORY SYSTEM (460-519)												
DISCH	176		32	30	12	2	1	2	27	35	35	
DAYS	592		66	53	17	6	1	4	92	172	181	
ALOS	3.36	0.00	2.06	1.77	1.42	3.00	1.00	2.00	3.41	4.91	5.17	0.00
TOTAL for DISEASES OF THE DIGESTIVE SYSTEM (520-579)												
DISCH	167		5	5	3	5	8	10	69	50	12	
DAYS	475		5	8	6	17	22	22	180	170	45	
ALOS	2.84	0.00	1.00	1.60	2.00	3.40	2.75	2.20	2.61	3.40	3.75	0.00
TOTAL for DISEASES OF THE GENITOURINARY SYSTEM (580-629)												
DISCH	71				1		3	7	27	26	7	
DAYS	182				2		8	16	74	47	35	
ALOS	2.56	0.00	0.00	0.00	2.00	0.00	2.67	2.29	2.74	1.81	5.00	0.00

Figure 25: 2C. Hospital discharges, days and average length of stay by ICD9-code and age groups report

Terminology used in this report:

Term	Description
Classes of Diseases	Class of Diseases based on the primary diagnosis code.
DISCH	Number of discharges.
DAYS	Number of days in the hospital.
ALOS	Average Length of Stay. Calculated by dividing total days in the hospital by number of discharges.
Age Distribution	Age groups, where age is calculated using discharge date. Age will be Unknown (Unk Age) if birth date is not available.
Total ALL AGES	Total count across all age groups. Age is calculated using discharge date. Category will be 'Unk Age' (unknown) if birth date is not available.

The drill-down level displays counts for each diagnosis code contained in the selected Class of Disease:

Facility: 910109 OCEAN VIEW HOSP													
DETAIL for INFECTIOUS AND PARASITIC DISEASES (001-139)													
ICD9	ADMISSION DIAGNOSIS	Total ALL AGES	0-27 Days	28 days 11 mos.	1-4 yrs	5-9 yrs	10-14 yrs	15-19 yrs	20-24 yrs	25-44 yrs	45-64 yrs	65+ yrs	Unk Age
008.61	ROTAVIRUS												
	DISCH	1			1								
	DAYS	2			2								
	ALOS	2.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
042.	NOT REFERENCED ICD9 CODE												
	DISCH	2								2			
	DAYS	29								29			
	ALOS	14.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.50	0.00	0.00	0.00
	INFECTIOUS AND PARASITIC DISEASES (001-139)												
TOTAL for	DISCH	3			1					2			
	DAYS	31			2					29			
	ALOS	10.33	0.00	0.00	2.00	0.00	0.00	0.00	0.00	14.50	0.00	0.00	0.00

Figure 26: 2C drill-down level displaying counts for each diagnosis code in the selected class of disease

Terminology used in this report:

Term	Description
ICD9	Primary diagnosis code.
Admission Diagnosis	Primary diagnosis code description.
DISCH	Number of discharges.
DAYS	Number of days in the hospital.
ALOS	Average Length of Stay. Calculated by dividing total days in the hospital by number of discharges.
(age groups)	Age groups, where age is calculated using discharge date. Age will be Unknown (Unk Age) if birth date is not available.
Total ALL AGES	Total count across all age groups. Age is calculated using discharge date. Category will be 'Unk Age' (unknown) if birth date is not available.

2PR. Total Direct Inpatient Visits by Facility

The 2PR report displays the counts of unduplicated, workload-reportable Direct Inpatient visit records summarized by the months in the current fiscal year and the previous fiscal year.

A visit record must satisfy the following conditions to be counted on the 2PR report:

- Direct Inpatient visit record
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code
- Discharge Date within the fiscal year date range

Viewing Report

The following figure shows an example of the '2PR. Total Direct Inpatient Visits by Facility' report.

A bar chart is provided for comparison between the current and previous fiscal years.

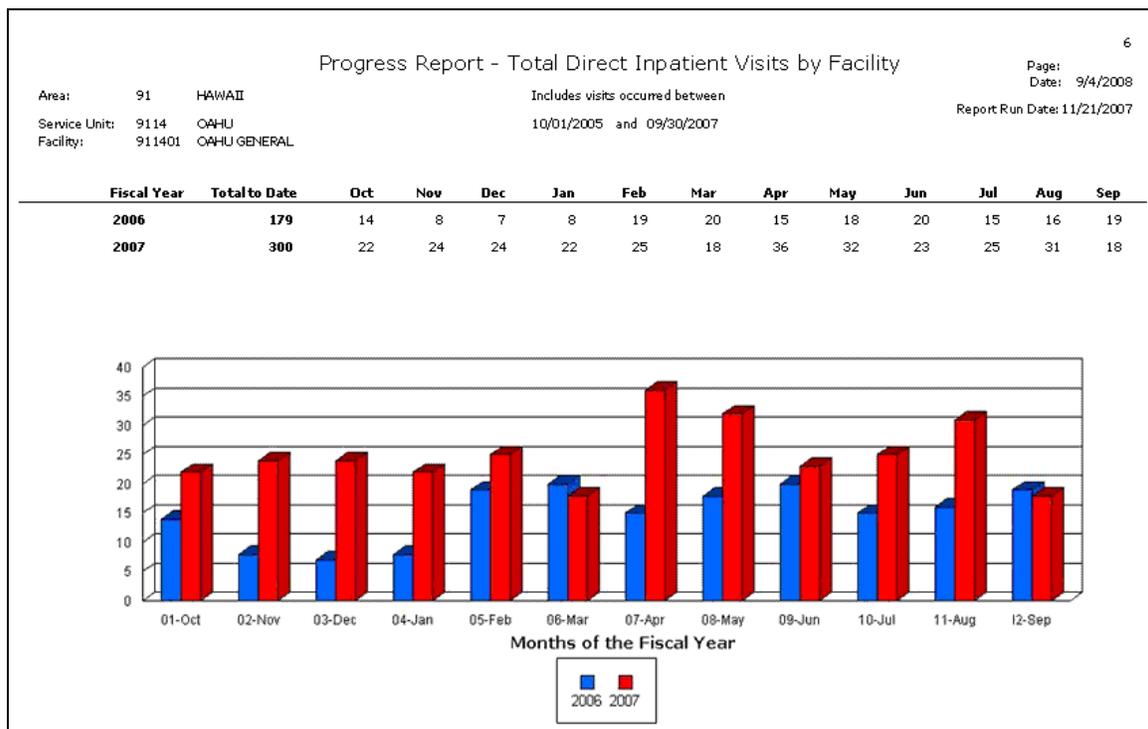


Figure 27: 2PR. Total direct inpatient visits by facility report

Terminology used in this report:

Term	Description
Fiscal Year	Current fiscal year and previous fiscal year.
Total to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan Feb, Mar, Apr, May Jun, Jul, Aug, Sep	Number of visits occurring during each month of the fiscal year.
Months of the Fiscal Year	Displays as a graph for current and previous fiscal years the number of visits occurring during each month of service. Current year is displayed in red, and the previous year is displayed in blue. If there is no data for a particular month, no bar will be shown.

2TAB. Annual Inpatient Tabulation Report by Area & Facility

The *2TAB* report displays the counts of unduplicated, workload-reportable Direct Inpatient visits grouped by Area and Facility, summarized by month of discharge for the following groups of inpatient visits:

- Adults/Pediatrics
- Newborns
- Unknown

A visit record must satisfy the following conditions to be counted on the 2TAB report:

- Direct Inpatient visit record
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code
- Discharge Date falling into fiscal year date range

Viewing Report

The following figure shows an example of the '*2TAB. Annual Inpatient Tabulation Report by Area & Facility*' report.

Area: 91 HAWAII		Annual Inpatient Tabulation Report - By Area/Facility												Page: 1
		Number of Hospital Discharges by Month of Discharge												Date: 9/4/2008
		10/01/2006 THRU 09/30/2007												
Hospital Name	Year to Date	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	
911013 WHALE COVE	152	14	17	8	17	32	23	14	12	10	5	0	0	
ADULTS/PEDS.	152	14	17	8	17	32	23	14	12	10	5			
NEWBORN														
UNKNOWN														
911401 OAHU GENERAL	300	22	24	24	22	25	18	36	32	23	25	31	18	
ADULTS/PEDS.	300	22	24	24	22	25	18	36	32	23	25	31	18	
NEWBORN														
UNKNOWN														
910115 BLACK RID HC	1,905	187	112	146	138	181	190	162	173	148	162	153	153	
ADULTS/PEDS.	1,506	144	92	115	115	144	151	133	138	116	123	125	110	
NEWBORN	399	43	20	31	23	37	39	29	35	32	39	28	43	
UNKNOWN														
912340 RED COVE	1,277	130	101	101	93	111	127	118	88	108	93	97	110	
ADULTS/PEDS.	1,045	102	82	86	73	90	102	96	75	94	75	77	93	
NEWBORN	232	28	19	15	20	21	25	22	13	14	18	20	17	
UNKNOWN														
910109 OCEAN VIEW HOSP	203	14	16	16	26	16	21	20	15	17	8	26	8	
ADULTS/PEDS.	203	14	16	16	26	16	21	20	15	17	8	26	8	
NEWBORN														
UNKNOWN														
911534 GARDENIA HOSP	1,454	123	89	116	125	123	138	114	109	126	125	138	128	
ADULTS/PEDS.	1,285	100	80	99	111	113	119	103	103	109	111	126	111	
NEWBORN	169	23	9	17	14	10	19	11	6	17	14	12	17	
UNKNOWN														

Figure 28: 2TAB. Annual inpatient tabulation report by area & facility report

Terminology used in this report:

Term	Description
Hospital Name	Facility Code and name of facility where visit occurred. This detail line displays totals for the entire facility.
Adults/PEDS	Visits with Admission Service Code other than Newborn (07).
Newborn	Visits with Admission Service Code of Newborn (07).
Unknown	The UNKNOWN visits are those with no Admission Service Code.
Year to Date	Total visit count received from the beginning of specified fiscal year to the most recent Userpop/Workload Mart refresh date.
Oct, Nov, Dec, Jan, Feb, Mar Apr, May, Jun, Jul, Aug, Sep	Number of discharges occurring during each month of the fiscal year.
Total Area	This section provides total counts across all facilities within the specified area.

BINPSUM. Annual Direct Inpatient Listing by Hospital and Discharge Date

The *BINPSUM* report displays unduplicated, workload-reportable Direct Inpatient visit data such as admission date, discharge date, and diagnosis codes for individual charts within Facility.

A visit record must satisfy the following conditions to be counted on BINPSUM report:

- Direct Inpatient visit record
- Workload-reportable record
- Non-duplicate
- Valid Location of Encounter Facility Code
- Discharge Date falling into fiscal year date range

Viewing Report

The following figure shows an example of the '*BINPSUM – Annual Direct Inpatient Listing by Hospital and Discharge Date*' report.

Annual Direct Inpatient Listing - By Area/Facility Sorted by Hospital and Discharge Date														Page:	2
														Date:	9/4/2008
														Report Run Date:	11/21/2007
Area: 91 HAWAII														10/01/2006 THRU 09/30/2007	
Facility: 910109 OCEAN VIEW HOSP															
Chart Number	Date of Birth	Sex	Admission Date	Discharge Date	Admission ICD9 Code	ICD9 #2	ICD9 #3	ICD9 #4	ICD9 #5	ICD9 #6	ICD9 #7	ICD9 #8	ICD9 #9	Hospital Days	
9999949420	5/25/1994	M	12/6/2006	12/13/2006	789.00	579.0	564.00							7	
9999946305	7/6/1990	M	12/15/2006	12/15/2006	487.1	305.00								1	
9999934615	6/6/2007	F	12/15/2006	12/15/2006	486.	276.51								1	
9999965717	6/11/1977	F	12/13/2006	12/18/2006	300.21	303.90								5	
9999964725	7/29/1969	F	12/12/2006	12/22/2006	296.30	303.91	304.31	401.9	493.90					10	
9999941216	3/27/1960	F	12/19/2006	12/24/2006	276.9	794.8	288.60	038.9	486.	V11.3				5	
9999926343	8/18/1967	M	12/24/2006	12/24/2006	291.81	303.90	276.2	288.60	787.03					1	
9999912365	9/30/1934	M	12/26/2006	12/28/2006	491.21	288.3								2	
9999923197	5/20/1956	F	12/28/2006	12/29/2006	558.9	585.9								1	
9999950137	1/19/1945	F	12/15/2006	12/29/2006	428.0	276.6	250.00	401.9	429.2					14	
9999977117	12/17/1951	F	12/29/2006	1/1/2007	250.60	536.3	787.01	V45.89						3	
9999990571	7/21/1942	F	12/28/2006	1/2/2007	558.9	276.51	401.9	250.00	285.9	582.9				5	
9999989226	11/7/1960	F	12/30/2006	1/2/2007	250.02	296.03	414.9	410.90	V45.82	305.93	304.03	305.1	724.2	3	
9999936308	9/9/1978	F	12/5/2006	1/3/2007	296.30	303.90								29	
999997174	10/21/1925	F	12/29/2006	1/4/2007	350.1	276.51	250.00	401.9						6	
9999948560	9/11/1972	F	12/19/2006	1/5/2007	296.90	303.90								17	
9999961791	2/5/1980	F	1/2/2007	1/7/2007	686.8	346.00	493.90	V54.89						5	
9999973757	8/18/1974	M	1/4/2007	1/8/2007	682.6	707.09	250.02	401.9	276.8	288.60	285.9			4	
999991238	10/20/1958	M	11/1/2006	1/9/2007	991.3	707.09	707.11	401.0	596.54	303.90	344.1			59	
9999913265	9/30/1936	M	1/6/2007	1/9/2007	799.02	491.21	491.0	723.5	723.1	V12.69	V12.70			3	
9999928651	4/4/1984	M	1/7/2007	1/9/2007	463.	075.	475.	521.00						2	
9999969273	10/6/1985	M	1/12/2007	1/14/2007	728.88									2	
9999962493	7/12/1948	F	1/12/2007	1/14/2007	491.21									2	
999999095	8/4/1954	M	1/16/2007	1/18/2007		291.0	427.31	427.1	401.9	303.91	276.8	530.81		2	
999999478	3/6/1955	F	1/2/2007	1/18/2007	711.00	250.00	707.03	780.6	288.60	724.5	719.46	041.04	041.4	16	
9999943998	4/4/1991	F	1/17/2007	1/18/2007	590.80	034.0	276.51							1	

Figure 29: BINPSUM – Annual direct inpatient listing by hospital and discharge date report

Terminology used in this report:

Term	Description
Chart Number	A patient's chart number at the specified facility.
Date of Birth	Patient's date of birth.
Admission Date	Date patient was admitted to the facility.
Discharge Date	Date patient was discharged from the facility.
Admission ICD9 Code	Primary diagnosis code for this visit.
ICD9 #2 thru ICD9 #9	Additional diagnosis codes for this visit. Only the first 9 diagnosis codes are shown.
Hospital Days	Number of days the patient was in the hospital.
Facility Total	Total number of charts listed for this facility.
Area Total	Total number of charts listed for all facilities within this area.

Viewing User Population Reports

The NPIRS User Population (USERPOP) reports are produced per the schedule published and distributed for each fiscal year by Headquarters (HQ), Division of Program Statistics (DPS). This schedule identifies four draft versions and one final version, which becomes the official version for the given fiscal year.

All NPIRS User Population reports show counts of Indian Health Service (IHS) registrants unduplicated within each of the IHS Administrative Areas (Regions) grouped by the Area of Residency and Service Unit of Residency.

Everyone¹² registered in a given Region will be counted just once somewhere on this Region User Population report. There are three key elements, determined at the time of the USERPOP extract, which determine where they will be counted:

- Community of Residence
- Indian Status Flag
- Active Status Flag

The Community of Residence received by NPIRS in the patient registration record decides under what Area (labeled as *Area of Residence*) and Service Unit a patient will be counted. The Area and Service Unit are retrieved from the IHS Standard Code Book Community table based on the value in the Community of Residence field.

The Indian Status Flag is assigned to each registration record. This flag determines whether a patient is of an Indian and/or Alaska Native descent based on meeting one of the following three criteria:

1. Member of a federally recognized Tribe (Indian Flag = 'Y' in the Standard Code Book Tribe table)
2. Tribe Code = '998' or '999' and Beneficiary Code = '01'
3. Tribe Code = '998' or '999' and Indian Blood Quantum = '1' or '2' or '3' or '4'

¹² Registration records received without Last Name, First or Middle Name, Chart Number and Chart Facility are excluded from counting on User population reports. Detailed information about these records can be found in the Data Quality Mart report – DQM-UP1. Additionally, patients who are only registered in Alaska Area '39' are excluded from User Population reports.

The Active Status Flag is assigned to each registrant based on the presence of at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date.

The numbers presented on the NPIRS User Population reports are not the same as the official IHS User Population numbers published by HQ DPS.

NPIRS numbers include everybody registered in a given Region. The HQ numbers include only a subset of NPIRS registrants, so called “countable” registrants. These countable registrants must be American Indians or Alaska Natives who reside in selected service units within the region from which the registration record was received. These service units are determined by HQ (usually non-Urban) and are not ‘NON-SERVICE UNIT’ (00). Additionally, these HQ numbers could incorporate some manual adjustments for registrants not in the NPIRS database.

There are six standard versions of the User Population report produced by NPIRS:

1. UP1. User Population Area Report (A) – By Service Unit and County
2. UP2. User Population Area Report (B) – By Service Unit and Community
3. UP3. User Population Area Report (Special) – By Service Unit, County and Tribe
4. UP5. User Population Area Report (Special) – By Service Unit, Community and Tribe
5. UP6. User Population Area Report (F) – Tribes By Service Units
6. UP7. User Population Area Report (Special) – By Service Unit and Tribe

To view a User Population report,

1. In the Folders pane, expand your Area folder and click the ***NDW Reports** folder and click again on **Registration** folder.

The reports appear in the Details pane.

There may be multiple pages of reports displayed. To see additional pages, click on the page number located in the lower right-hand corner of the Details pane.

2. To view

- the most recent version of the report, click the report name.

- a previous version of the report, click History.

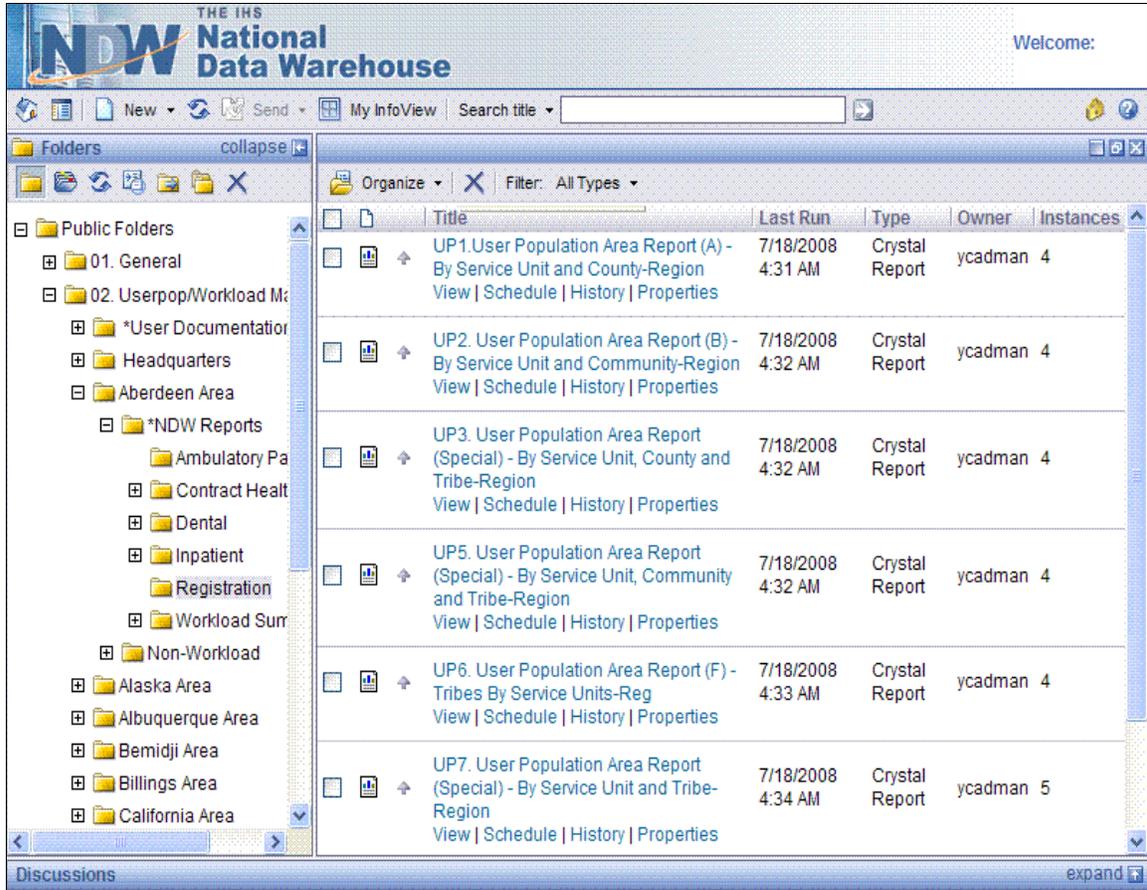


Figure 30: Viewing user population reports

Registration Reports

UP1. User Population Area Report (A) – By Service Unit and County

The *UPI* report displays unduplicated counts of IHS registrants grouped by the Area of Residency, Service Unit of Residency, and County of Residency summarized by type of registrants depending on their Indian and Active status.

This report is sorted by Area code, Service Unit code, and County code.

Viewing Report

The following figure shows an example of the '*UPI. User Population Area Report (A) – By Service Unit and County*' report.

User Population Report (A) - Counties of Residence By Service Unit Quarterly Review of User Population - Unduplicated Region Wide						
Report for fiscal year: 2007						
Version: 24						
Report run date: 12/06/2007						
Report using workload dates of: 9/30/2004 through 9/30/2007						
Active counts includes registrants with at least one visit since: 9/30/2004						
User population for: HIA HAWAII						
Area of residence: 91 HAWAII						
Service Unit	County	Total Registrants	Non-Indian Registrants	Indian Registrants	Non-Indian Active	Indian Active
Service Unit: 15 GARDEN CENTER						
	9000 BING	545	127	418	20	253
	9010 MALLORY	618	37	581	4	243
	9100 GILLETTE	2,129	90	2,039	36	1,188
	9230 CONSTANCE	16,672	1,036	15,636	177	10,001
	9347 SRIPPS	1,333	59	1,274	9	458
	Total for Service Unit:	21,297	1,349	19,948	246	12,143
Service Unit: 80 WESTERN						
	9101 CROSS	384	34	350	4	194
	9147 GRASSLANDS	1,671	21	1,650	5	243
	9257 CAPITAN	3	0	3	0	0
	9297 CARRINGTON	563	32	531	5	313
	9335 KNIGHT	1,033	25	1,008	1	581
	9371 PATTON	18	1	17	0	7
	9398 LEWISTON	547	35	512	7	288
	9573 APPLETON	7,041	327	6,714	44	4,395
	Total for Service Unit:	11,260	475	10,785	66	6,021
Service Unit: 14 OPEN VALLEY						
	9001 STEED	3	0	3	0	2
	9079 MARIAN	2	0	2	0	1
	9095 MILLIAM	83	14	69	4	26
	9148 SALT FLAT	792	88	704	25	411
	9176 SANDISTON	7,908	626	7,282	72	4,506
	9277 JORDAN	4	1	3	0	3
	9283 RAGEN	5,415	153	5,262	21	3,233
	9555 VASIC	54	14	40	2	17
	9514 PINES	1,528	92	1,436	14	742
	Total for Service Unit:	15,789	988	14,801	138	8,941
Service Unit: 01 FOREST COVE						
	9400 EVERGREEN	18,916	594	18,322	155	12,743
	Total for Service Unit:	18,916	594	18,322	155	12,743

Figure 31: UP1. User population area report (A) – by service unit and county report

Terminology used in this report:

Term	Description
Area of Residence	Area of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Service Unit	Service Unit of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
County	County of residency from the patient registration record.
Total Registrants	Total number of registrants.
Non-Indian Registrants	Number of registrants who are not American Indians or Alaska Natives.
Indian Registrants	Number of registrants who are American Indians or Alaska Natives.
Non-Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date, but are not American Indians or Alaska Natives.
Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date and are American Indians or Alaska Natives.
Version	A number assigned to each USERPOP extract produced by NPIRS for User Population reporting purposes.

UP2. User Population Area Report (B) – By Service Unit and Community

The *UP2* report displays unduplicated counts of IHS registrants grouped by the Area of Residency, Service Unit of Residency, and Community of Residency summarized by type of registrants depending on their Indian and Active status.

This report is sorted by Area code, Service Unit code, and Community code.

Viewing Report

The following figure shows an example of the 'UP2.User Population Area Report (B) – By Service Unit and Community' report.

User Population Report (B) - Communities of Residence By Service Unit						Page 31 of 85
Quarterly Review of User Population - Unduplicated Region Wide						
Report for fiscal year: 2007						
Version: 24						
Report run date: 12/06/2007						
Report using workload dates of: 9/30/2004 through 9/30/2007						
Active counts includes registrants with at least one visit since: 9/30/2004						
User population for: HIA HAWAII						
Area of residence: 91 HAWAII						
Service Unit	Community	Total Registrants	Non-Indian Registrants	Indian Registrants	Non-Indian Active	Indian Active
35	LAZY RIVER					
	91031111 CORMORANT	20	1	19	1	8
	91043777 RED HILLS	1	0	1	0	0
	91046423 OAK SPRING	6	0	6	0	5
	92680777 SLATE RIVER	55	1	54	0	10
	92780843 NORTHERN BRANCH	1	0	1	0	1
	Total for Service Unit:	187	6	181	1	50
38	CONCH LAKE					
	91010333 LANAI FALLS	1	0	1	0	0
	92060987 LAVALAND	3	0	3	0	1
	92073444 BUCK	1	1	0	0	0
	92089999 STOVETOP	2	0	2	0	0
	93001000 LAHAINA	1	0	1	0	0
	93012222 STONEBROOK	1	0	1	0	0
	93046660 NESS RIVER	6	0	6	0	2
	93048989 FIRELEAF	2	0	2	0	1
	94002000 KONA FALLS	2	0	2	0	1
	94033030 BORA	1	0	1	0	0
	94939768 CANALE	2	0	2	0	1
	95030101 PEBBLE BEACH	1	0	1	0	0
	Total for Service Unit:	23	1	22	0	6
40	WEST ISLAND					
	91021234 HONOHA	2	0	2	0	1
	91027878 BLACK HILLS	1	1	0	0	0
	91784545 CLIFFTOP	1	0	1	0	0
	91872323 MAUI	1	0	1	0	0
	92435656 HOOVER	1	0	1	0	0
	93113535 WILOPI	2	0	2	0	0
	Total for Service Unit:	8	1	7	0	1
Total for Area:		842	78	764	19	231

Figure 32: UP2.User population area report (B) – by service unit and community report

Terminology used in this report:

Term	Description
Area of Residence	Area of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Service Unit	Service Unit of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Community	Community of residency from the patient registration record.
Total Registrants	Total number of registrants.

Term	Description
Non-Indian Registrants	Number of registrants who are not American Indians or Alaska Natives.
Indian Registrants	Number of registrants who are American Indians or Alaska Natives.
Non-Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date, but are not American Indians or Alaska Natives.
Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date and are American Indians or Alaska Natives.
Version	A number assigned to each USERPOP extract produced by NPIRS for User Population reporting purposes.

UP3. User Population Area Report (Special) – By Service Unit, County and Tribe

The *UP3* report displays unduplicated counts of IHS registrants grouped by the Area of Residency, Service Unit of Residency, County of Residency, and Tribe summarized by type of registrants depending on their Indian and Active status.

This report is sorted by Area name, Service Unit name, County name, and Tribe name.

Viewing Report

The following figure shows an example of the '*UP3. User Population Area Report (Special) – By Service Unit, County and Tribe*' report.

User Population Report (Special) - By Service Unit, County and Tribe					
Quarterly Review of User Population - Unduplicated Region Wide					
Report for Fiscal Year: 2007		Report using workload dates of: 9/30/2004 through 9/30/2007		Report Run Date: 12/06/2007	Page: 75
Version: 24		Active count includes registrants with at least one visit since: 9/30/2004			
User Population for : HAWAII					
Area of Residence: HAWAII					
Tribe	Total Registrants	Non-Indian Registrants	Indian Registrants	Non-Indian Active	Indian Active
Service Unit: 27 BLACK BLUFF					
<u>County:</u> 9455 MOHEGAN					
973 BIG PINES TRIBE, CA	1		1		
969 HALEAKALA TRIBE, HI	5		5		4
488 INZWA TRIBE, OR	49		49		28
464 KAILUA TRIBE, HI	1		1		
978 NIIHAU TRIBE, HI	1		1		
480 PARLING TRIBE, OR	2		2		
979 PERSIMMON TRIBE, WA	1		1		
499 OJUNCE TRIBE, HI	4		4		1
965 RIDGEBACK MTN TRB, HI	1		1		1
920 SEVEN HILLS TRIBE, CA	10		10		2
469 WATER BROTHERS TRIBE, HI	1		1		
465 WIND VALLEY TRIBE, HI	1		1		1
926 WIRATE TRIBE, MT	2		2		2
933 YILEY TRIBE, CA	3		3		2
Total for County - MOHEGAN :	1,288	239	1,049	70	554
Total for Service Unit - BLACK BLUFF :	34,472	1,723	32,749	387	20,796
Service Unit: 99 BIG ISLAND					
<u>County:</u> 9455 CLARINGTON					
UNKNOWN	1	1		1	
931 ANULAK TRIBE, WA	3		3		1
946 ALANAKI TRIBE, HI	2		2		2
927 APPLEHILLS TRIBE, WA	1		1		
473 BALEKO TRIBE, CA	3		3		
477 GRAY RIVER TRIBE, MT	2		2		
494 ANCHOR BAY TRIBE, AK	4		4		3
972 HILO TRIBE, HI	17		17		9
990 INAK TRIBE, AK	8		8		1
919 KAPAA TRIBE, HI	179		179		85
463 KAUAI BAY TRIBE, HI	60		60		32
921 MAHOTI TRIBE, HI	62		62		22
467 MAUNA TRIBE, HI	54		54		21
971 MODISKO TRIBE, CA	15		15		8
488 RED CROW TRIBE, AK	10		10		4
961 SINAKA TRIBE, AZ	3		3		1
940 SKY WARRIORS TRIBE, HI	1		1		1

Figure 33: UP3. User population area report (special) – by service unit, county and tribe report

Terminology used in this report:

Term	Description
Area of Residence	Area of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Service Unit	Service Unit of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
County	County of residency from the patient registration record.
Tribe	Tribe of membership from the patient registration record.
Total Registrants	Total number of registrants.
Non-Indian Registrants	Number of registrants who are not American Indians or Alaska Natives.
Indian Registrants	Number of registrants who are American Indians or Alaska Natives.

Term	Description
Non-Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date, but are not American Indians or Alaska Natives.
Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date and are American Indians or Alaska Natives.
Version	A number assigned to each USERPOP extract produced by NPIRS for User Population reporting purposes.

UP5. User Population Area Report (Special) – By Service Unit, Community and Tribe

The *UP5* report displays unduplicated counts of IHS registrants grouped by the Area of Residency, Service Unit of Residency, Community of Residency, and Tribe summarized by type of registrants depending on their Indian and Active status.

This report is sorted by Area name, Service Unit name, Community name, and Tribe name.

Viewing Report

The following figure shows an example of the ‘*UP5. User Population Area Report (Special) – By Service Unit, Community and Tribe*’ report.

User Population Report (Special) - By Service Unit, Community and Tribe					
Quarterly Review of User Population - Unduplicated Region Wide					
Report for Fiscal Year: 2007		Report using workload dates of: 9/30/2004 through 9/30/2007		Report Run Date: 12/06/2007	Page: 129
Version: 24					
Active count includes registrants with at least one visit since: 9/30/2004					
User Population for: HAWAII					
Area of Residence: HAWAII					
Tribe	Total Registrants	Non-Indian Registrants	Indian Registrants	Non-Indian Active	Indian Active
Service Unit: 01 MAUI					
Community: 92660777 SLATE RIVER					
494 ANCHOR BAY TRIBE, AK	1		1		
919 KAPAA TRIBE, HI	8		8		
971 MODISKO TRIBE, CA	1		1		
483 RED CROW TRIBE, AK	1		1		
964 PEARL CITY TRIBE, HI	1		1		
962 CAYHILL TRIBE, AK	1		1		
924 HALANA TRIBE, HI	6		6		3
922 RIVERBROOK TRIBE, HI	1		1		
935 PARROT TRIBE, HI	2		2		
481 DONBA TRIBE, HI	4		4		
482 FLATROCK TRIBE, WY	1		1		
997 INDIAN - NON-TRIBAL MEMBER	1		1		
484 UEA TRIBE, HI	1		1		
485 JACKAROD TRIBE, UT	1		1		
486 MINNEMEA TRIBE, HI	2		2		
000 NON-INDIAN (AND NON-FED RECOGNIZED INDIAN)	2	4			
970 NON-INDIAN MEMBER OF INDIAN HOUSEHOLD	2	2			
489 OSSIPIRE TRIBE, MT	19		19		4
490 OMINOMEE TRIBE, WA	1		1		
488 INZWA TRIBE, OR	14		14		1
480 PARLING TRIBE, OR	6		6		
942 SINGAWA TRIBE, WA	1		1		
499 QUINCE TRIBE, HI	5		5		1
920 SEVEN HILLS TRIBE, CA	2		2		1
Total for Community - SLATE RIVER :	86	6	80	0	10
Community: 93001000 LAHANA					
921 MAHOTETRIBE, HI	1		1		
971 BAD MODISKO TRIBE, CA	1		1		1
483 RED CROW TRIBE, AK	1		1		
962 CAYHILL TRIBE, AK	1		1		1
924 HALANA TRIBE, HI	20		20		15
934 TIMETE TRIBE, OK	2		2		2
935 PARROT TRIBE, HI	1		1		
495 DUVAK TRIBE, MT	1		1		1
497 FLAMING ROCK TRIBE, UT	1		1		
498 GECKO SPRING TRIBE, HI	1		1		

Figure 34: UP5. User population area report (special) – by service unit, community and tribe report

Terminology used in this report:

Term	Description
Area of Residence	Area of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Service Unit	Service Unit of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Community	Community of residency from the patient registration record.
Tribe	Tribe of membership from the patient registration record.
Total Registrants	Total number of registrants.
Non-Indian Registrants	Number of registrants who are not American Indians or Alaska Natives.
Indian Registrants	Number of registrants who are Indian and/or Alaska Native descent.

Term	Description
Non-Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date, but are not American Indians or Alaska Natives.
Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date and are American Indians or Alaska Natives.
Version	A number assigned to each USERPOP extract produced by NPIRS for User Population reporting purposes.

UP6. User Population Area Report (F) – Tribes By Service Units

The *UP6* report displays unduplicated counts of IHS registrants grouped by the Area of Residency, Service Unit, and Tribe summarized by type of registrants depending on their Indian and Active status.

This report is sorted by Area name, Service Unit name, and Tribe name with page breaks inserted after each Service Unit.

Viewing Report

The following figure shows an example of the '*UP6. User Population Area Report (F) – Tribes by Service Units*' report.

User Population Report (F) - Tribes By Service Units					
Quarterly Review of User Population - Unduplicated Region Wide					
Report for Fiscal Year: 2007		Report using workload dates of:		Report Run Date:	Page:
Version: 24		9/30/2004 through 9/30/2007		12/06/2007	38
Active count includes registrants with at least one visit since: 9/30/2004					
User Population for:	HIA HAWAII				
Area of Residence:	91 HAWAII				
Service Unit:	15 GARDEN CENTER				
Tribe	Total Registrants	Non-Indian Registrants	Indian Registrants	Non-Indian Active	Indian Active
494 CALIENTE FALLS TRIBE, OR	2		2		
962 CAYHILL TRIBE, AK	25		25		3
928 CAYUTE TRIBE, HI	4		4		
936 COMCHATKA TRIBE, WA	7		7		3
491 DARBISKA TRIBE, OR	7		7		1
948 DAVENDISH TRIBE, HI	9		9		2
932 DIEGO RIVER TRIBE, CA	1		1		1
476 DUKAT TRIBE, WY	6		6		4
478 EYIKUT TRIBE, AK	1		1		
924 HALANA TRIBE, HI	195		195		134
479 HANA TRIBE, HI	7		7		1
972 HILD TRIBE, HI	1		1		
952 HIILAA VALLEY TRIBE, HI	1		1		
950 INAK TRIBE, AK	1		1		
919 KAPAA TRIBE, HI	24		24		9
463 KAUAI BAY TRIBE, HI	22		22		13
492 KING VALLEY TRIBE, HI	1		1		1
923 LANAU TRIBE, HI	1		1		
471 LONGBOAT TRIBE, OR	16		16		5
921 MAHOTE TRIBE, HI	12		12		4
468 MAPLE TRIBE, CA	2		2		1
467 MAUNATRIBE, HI	9		9		2
971 MODISKO TRIBE, CA	2		2		1
943 MONA LAU BAY TRIBE, HI	27		27		9
938 OSPREY RIVER TRIBE, OR	70		70		39
935 PARROT TRIBE, HI	37		37		12
964 PEARL CITY TRIBE, HI	34		34		18
929 PENDE HILLS TRIBE, OR	174		174		7
470 PIRATE BAY TRIBE, HI	1		1		
922 RIVERBROOK TRIBE, HI	13		13		4
925 SANDSTONE TRIBE, HI	1		1		
930 SITETON TRIBE, CA	3		3		
474 SPARKLING RIVER TRIBE, AK	3		3		
496 SPRING HILLS TRIBE, CA	2		2		
934 TIMETE TRIBE, OK	3		3		1
475 ULALAH TRIBE, HI	2		2		

Figure 35: UP6. User population area report (f) – tribes by service units report

Terminology used in this report:

Term	Description
Area of Residence	Area of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Service Unit	Service Unit of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Tribe	Tribe of membership from the patient registration record.
Total Registrants	Total number of registrants.
Non-Indian Registrants	Number of registrants who are not American Indians or Alaska Natives.
Indian Registrants	Number of registrants who are Indian and/or Alaska Native descent.

Term	Description
Non-Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date, but are not American Indians or Alaska Natives.
Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date and are American Indians or Alaska Natives.
Version	A number assigned to each USERPOP extract produced by NPIRS for User Population reporting purposes.

UP7. User Population Area Report (Special) – By Service Unit and Tribe

The *UP7* report displays unduplicated counts of IHS registrants grouped by the Area of Residency, Service Unit, and Tribe summarized by type of registrants depending on their Indian and Active status.

This report is sorted by Area name, Service Unit name, and Tribe name. It is very similar to UP6, except it does not have page breaks after each Service Unit.

Viewing Report

The following figure shows an example of the ‘*UP7. User Population Area Report (Special) – by Service Units and Tribe*’ report.

User Population Report (Special) - By Service Unit and Tribe					
Quarterly Review of User Population - Unduplicated Region Wide					
Report for Fiscal Year: 2007		Report using workload dates of:		Report Run Date:	Page:
Version: 24		9/30/2004 through 9/30/2007		12/06/2007	28
Active count includes registrants with at least one visit since: 9/30/2004					
User Population for: HIA HAWAII					
Area of Residence: 91 HAWAII					
Tribe	Total Registrants	Non-Indian Registrants	Indian Registrants	Non-Indian Active	Indian Active
Service Unit: 27 BLACK BLUFF					
466 WILJUN TRIBE, HI	31		31		17
925 WRATE TRIBE, MT	4		4		1
933 YILEY TRIBE, CA	117		117		75
947 ZUZAK TRIBE, HI	6		6		4
Total for Service Unit - BLACK BLUFF :	34,472	1,723	32,749	387	20,796
Service Unit: 99 BIG ISLAND					
UNKNOWN	1	1		1	
946 ALANAKI TRIBE, HI	2		2		2
939 ALIUT TRIBE, AK	2		2		1
494 ANCHOR BAY TRIBE, AK	4		4		3
931 ANULAK TRIBE, WVA	3		3		1
927 APPLEHILLS TRIBE, WVA	1		1		
473 BALEKO TRIBE, CA	3		3		
941 CALINGAWA TRIBE, AZ	1		1		
477 GRAY RIVER TRIBE, MT	2		2		
493 HIALBA TRIBE, HI	4		4		
972 HILO TRIBE, HI	17		17		9
950 INAK TRIBE, AK	8		8		1
919 KAPAA TRIBE, HI	179		179		85
463 KAUAI BAY TRIBE, HI	60		60		32
492 KING VALLEY TRIBE, HI	2		2		1
923 LANAI TRIBE, HI	2		2		
921 MAHOTE TRIBE, HI	62		62		22
467 MAUNA TRIBE, HI	54		54		21
971 MODISKO TRIBE, CA	15		15		8
964 PEARL CITY TRIBE, HI	76		76		26
483 RED CROW TRIBE, AK	10		10		4
487 ROPE FALLS TRIBE, HI	1		1		
925 SANDSTONE TRIBE, HI	7		7		1
961 SINAKA TRIBE, AZ	3		3		1
940 SIX WARRIORS TRIBE, HI	1		1		1
496 SPRING HILLS TRIBE, CA	1		1		
472 SPRINGS TRIBE, CA	1		1		

Figure 36: UP7. User population area report (special) – by service units and tribe report

Terminology used in this report:

Term	Description
Area of Residence	Area of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Service Unit	Service Unit of residency retrieved from the IHS SCB based on the community of residence from the patient registration record.
Tribe	Tribe of membership from the patient registration record.
Total Registrants	Total number of registrants.
Non-Indian Registrants	Number of registrants who are not American Indians or Alaska Natives.
Indian Registrants	Number of registrants who are Indian and/or Alaska Native descent.

Term	Description
Non-Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date, but are not American Indians or Alaska Natives.
Indian Active	Number of registrants who had at least one workload-reportable visit within the last three fiscal year periods preceding the USERPOP end date and are American Indians or Alaska Natives.
Version	A number assigned to each USERPOP extract produced by NPIRS for User Population reporting purposes.

Exporting Reports

Any report may be exported once it is selected for viewing.

If a report utilizes a drill-down function to display additional detail data, the drill-down data will not be exported when exporting the main level of the report. The main level of the report may be exported in its entirety, or by selected pages. In order to export the drill-down data, each drill-down section must be open for viewing and exported independently.

1. On the viewer's toolbar, click the **Export Report** icon. The Export Report dialog box appears.

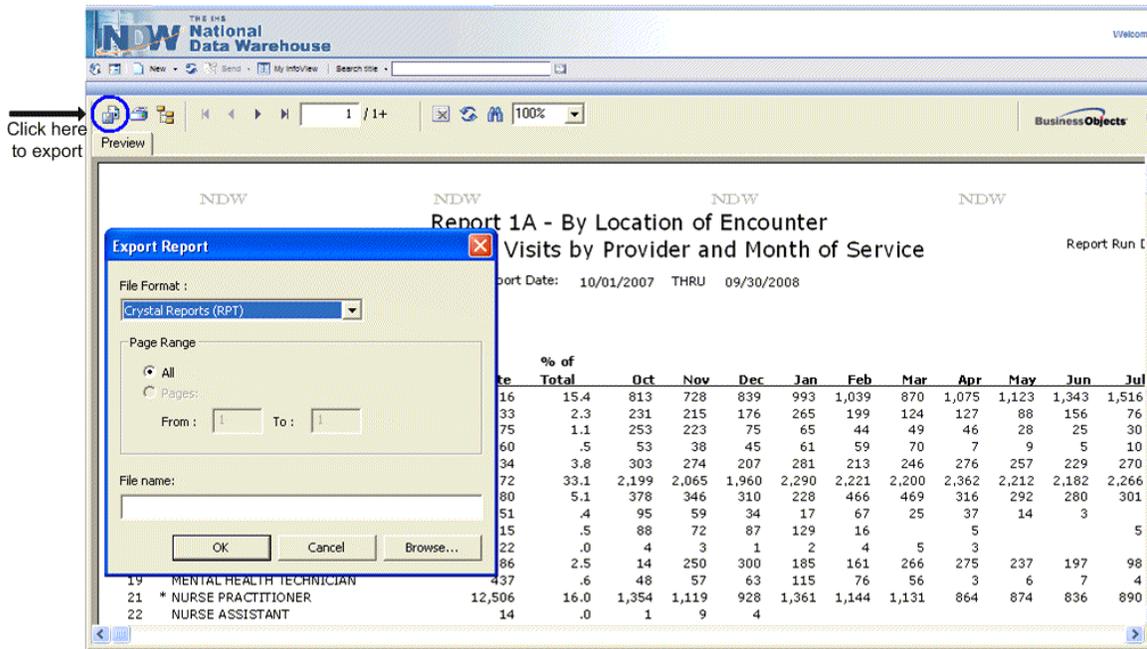


Figure 37: Selecting the export icon to export a report from the NDW intranet web site

2. Select the desired output format by using the **File Format** drop-down box.

Several export format types are available. They include:

- **Crystal Reports (RPT)**
This format is native Crystal Reports and will retain the layout and formatting of the report. It requires that you have Crystal Reports software installed on your local PC.

- Adobe Acrobat (PDF)
This format retains both the layout and formatting of the report, and is typically used when documents are intended for printing and redistribution.
- Microsoft Excel (XLS)
This format retains the layout and formatting of the report, and can be used to convert the data into charts and/or graphs, if so desired.
- Microsoft Excel – Data only (XLS)
This format is similar to Microsoft Excel (XLS), but does not retain layout and formatting. This format can also be used to convert the data into charts and/or graphs, if so desired.
- Microsoft Word (RTF)
This format retains all layout and formatting, but converts all of the report object contents into text boxes.
- Microsoft Word – Editable (RTF)
This format converts all of the report object contents to text lines, as opposed to text boxes. Text formatting is retained, but attributes such as background color, fill pattern, etc. may not be retained.
- Rich Text Format (RTF)
This format is similar to the Microsoft Word (RTF) format. It retains formatting attributes, such as different fonts and typefaces.

3. Specify an output destination in the **File Name** box and export the report.

- To save the output to a specified directory, click on the **Browse** button and select the desired directory. Enter the desired file name in the **File Name** area of the dialog box, and click **Save**. This will return you to the export screen with the **File Name** box populated with the path and file name. Click **OK** to export the report.
- To save the output to your desktop, enter a file name in the **File Name** box, and click **OK** to export the report.

Printing Reports

Any report may be printed once it is selected for viewing.

If a report contains a drill-down function to display additional detail data, the drill-down data will not be printed when printing the main level of the report. The main level of the report may be printed in its entirety, or by selected pages. In order to print the drill-down data, each drill-down section must be open for viewing and printed independently.

1. On the viewer's toolbar, click the **Print Report** icon.

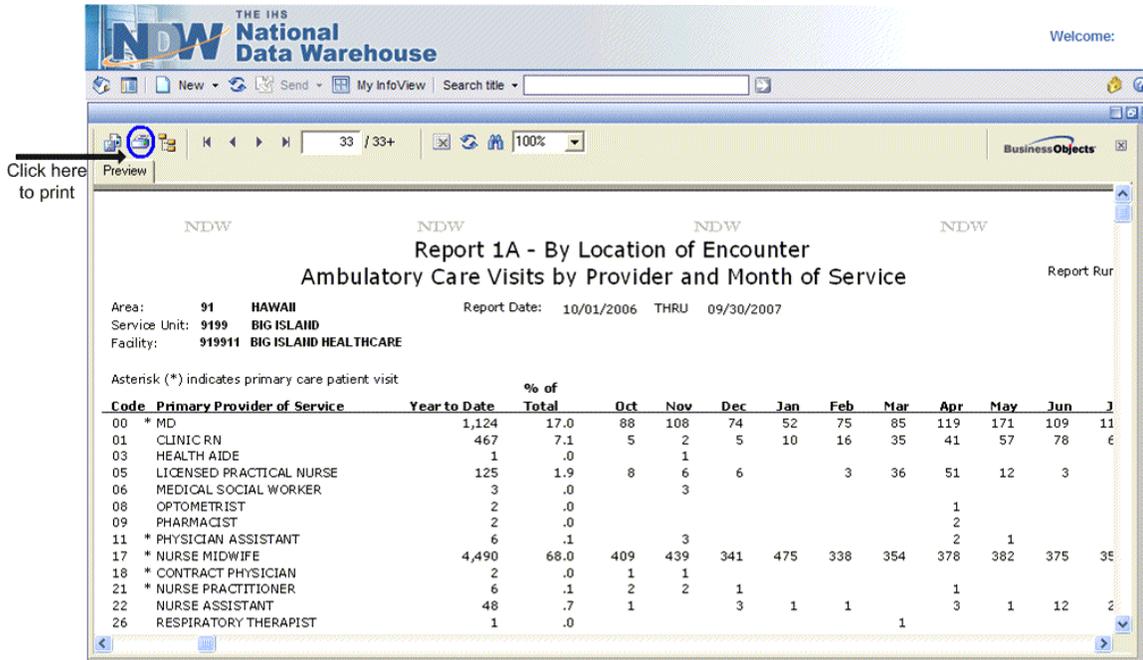


Figure 38: Selecting the printer icon to print a report from the NDW intranet web site

2. The Print dialog box appears. Select the appropriate printer, page range, and number of copies.
3. Click **OK** or **Print**.