



RESOURCE AND PATIENT MANAGEMENT SYSTEM

iCare Population Management GUI

(BQI)

Improving Patient Care (IPC) User Manual

Version 2.3 April 2012

Office of Information Technology (OIT) Division of Information Resource Management Albuquerque, New Mexico

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Preface

The purpose of this manual is to provide information about the latest enhancements of the iCare (BQI) population management application that supports the IHS Improving Patient Care (IPC) initiative.

This manual contains reference information about iCare views, examples of its processes, and step-by-step procedures that show how to perform activities related to IPC functionality in the latest version of the iCare application.

For more information about iCare basic functionality, iCare usage, or training for iCare, you can consult these resources:

- iCare IHS OIT Available at <u>http://www.ihs.gov/cio/ca/icare/</u>
- iCare Population Management GUI, User Manual Version 2.2 (July 2011). Available at <u>http://www.ihs.gov/RPMS/PackageDocs/bqi/bqi_022u.pdf</u>
- HHS WebEx recorded training sessions (search for iCare). Available at https://ihs-hhs.webex.com/mw0306lb/mywebex/default.do?siteurl=ihs-hhs&service=7 or at http://www.ihs.gov/cio/ca/icare/index.cfm?module=dsp_icare_cmet_training
- Join the iCare listserv by sending an e-mail to icare@listserv.ihs.gov

1.0 Introduction

iCare is a Windows-based, client-server graphical user interface (GUI) to the IHS Resource and Patient Management System (RPMS). iCare retrieves key patient information from various components of the RPMS database and brings it together under a single, user-friendly interface. iCare is intended to help providers manage the care of their patients. The ability to create multiple panels of patients with common characteristics (e.g., age, diagnosis, community) allows users to personalize the way they view patient data.

The information included in this IPC-specific manual covers iCare IPC-support functionality enhancements in iCare Version 2.3 (released April 2012). For more information about iCare basic functionality, iCare usage, or training for iCare, consult the resources listed above in the Preface.

1.1 Background

Along with the rest of the healthcare industry, IHS has already developed a set of chronic condition management (or register) applications, including for diabetes, asthma, and HIV. This type of application provides a way for healthcare providers to manage a specific group (register) of patients for a single disease state. Register management applications assist healthcare providers to identify high-risk patients, proactively track care reminders and health status of individuals or populations, provide more standardized and appropriate care by embedding evidence-based guidelines, and report outcomes.

Many patients, however, have more than one diagnosed disease. For instance, at the current time within the Indian Health system, a diabetic asthmatic woman could be a member of four RPMS registers (diabetes, asthma, women's health, and immunizations). This 'silo' approach to patient care could potentially result in fragmented care, and could increase the risk of inadequate patient care management due to misidentification of the true level of risk.

1.2 iCare Graphical User Interface

The iCare GUI is intended to allow providers to see a more complete view of patients with multiple conditions, while maintaining the integrity of the user-defined, disease-specific registers.

iCare can help IHS providers by:

• Proactively identifying and managing different groups (populations) of patients who share user-defined characteristics.

- Providing an integrated view of a patient's conditions that would minimize "stove piped" care management.
- Providing an intuitive and integrated interface to the diverse patient data elements of the RPMS database.
- Facilitating providers a review of clinical quality of care measures for their own patients to enable improvement in the quality of healthcare delivery.
- Enabling views of traditional healthcare information from the perspectives of community, population and public health.
- Having the default tag selection be Proposed and Accepted, as shown in the above example. You can change the tag selection for any record by selecting or deselecting any checkbox.
- Clicking the "use AND?" check box when there are multiple tags selected. The "And" option searches for patients who have ALL of the user-defined tags.

1.3 Who Should Use iCare?

- Any provider who needs to identify a group of patients for long-term management or to create a temporary list should think about using iCare. Do you fit any of the following scenarios?
- I am a nurse at a facility that assigns a primary care provider to each patient. Every day, I want to create a list of scheduled patients for two different doctors in my clinic.
- I want to identify which of my patients are considered obese so I can recommend nutrition counseling.
- Because providers at our clinic have performance goals related to annual GPRA clinical measures, I want to identify which of my patients are missing key clinical data.
- Our Women's Health Clinic wants to focus on two clinical performance improvement initiatives this year. We want to identify the performance problem areas for female patients between the ages of 18 and 50.
- I am one of two part-time case managers for a group of children, and I want to create a patient list that we both can use.
- I am a site manager working to ensure our site meets Meaningful Use objectives.

1.4 User Desktop (Client) Requirements

iCare software resides on both your facility's RPMS server and on the desktop computer that you use. In order to use iCare successfully, your computer should have the following minimum configuration:

Table 1-1: Computer configu	ration for installing iCare
-----------------------------	-----------------------------

Client PC	Minimum Version
Microsoft Windows (Any Windows OS that supports .NET 2.0 Framework)	Windows XP SP2, Windows 2003 Server, Windows 2000 SP3+, Windows ME, Windows 98/98SE
Microsoft .NET Framework	V2.0
Suggested Client PC Hardware	Processor: Minimum: Pentium III 800MHz; Suggested: Pentium 4 2GHz+Memory (RAM): Minimum: 256MB; Suggested: 512MB+
Approximate Disk Space Requirements	iCare Application Footprint ~10MB.NET 2.0 Framework ~ 100MB (if not already installed via Windows Updates)

2.0 Improving Patient Care Support in iCare

Improving Patient Care (IPC) is an IHS initiative to improve the healthcare of American Indian and Alaska Native IHS/ITU patients. You can find more information about IPC at the following sources:

- <u>http://www.ihs.gov/ipc/</u>
- <u>http://improvingindianhealth.org/</u>
- Improving Patient Care Collaborative (IPCIII), Measures Guide, Version 1.1, February 2011

2.1 Package Manager

A new IPC Package Manager key has been created. The user must have been granted this key by the iCare Package Manager in order to manage the IPC site parameters.

2.2 IPC Site Parameters

Select **Tools** | **iCare Site Parameters** | **IPC Site Parameters** to access the **IPC site parameters** screen (Figure 2-1). The IPC Package Manager uses this screen to set the following:

- The day of the month on which to run the iCare IPC data collection
- The type of local clinics to be designated as primary care
- The names of specific providers that can be included by users in the site's microsystem(s)



Figure 2-1: IPC Site Parameters screen

2.2.1 Primary Care Clinics

This is the list of primary care clinics that are used for the Continuity of Care to a Provider measure (Figure 2-1). The default list of clinics defined upon installation is: GENERAL (01), FAMILY PRACTICE (28), INTERNAL MEDICINE (13) and PEDIATRIC (20). Click **Edit** to access the **Add/Remove Visit Clinics** screen where you can manage the clinics.

2.2.2 Microsystem Providers

This is the list of providers who are to be defined in the **IPC Site Parameters** as the site's microsystem (Figure 2-1). Monthly data aggregation will automatically be calculated for any provider who has been designated as a Primary Care Provider and who has at least one patient assigned to them. Click **Edit** to access the **Add/Remove DPCPs** window where you can manage the **Microsystem Providers**.

2.3 IPC User Preferences

The following provides information about the **Startup View** for IPC on **User Preferences** as well as the **Patient Detail** and **Panel Detail** sub-tabs to the **IPC** tab.

2.3.1 Startup View

iCare users can select **Patient Detail**, **Provider Aggregated**, **Facility Aggregated**, or **Panel Detail** tabs to set as the **Startup** view (Figure 2-2).

RPMS iCare - User	Preferences									
Define My Patients	Flag Setup	Comm Alert Setup	Startup View	Patient View	Panel View	Layouts	OMET	Meaningful Use	IPC	
Select the startup view	you would like to	see when opening iCare								
C Panel List										
C Flag List										
C Community Alerts										
C National Measures										
IPC	Patient Det	al 💌								
C CMET	Provider Ag	gregated								
C Meaningful Use	Panel Detai	egated								
C Split View										
C Panel View										
								OK	Ca	ncel

Figure 2-2: Select IPC Startup View tab

2.3.2 Patient Detail Sub-tab

iCare users can choose the type of measures and other factors to display in **Patient Detail** (Figure 2-3).

Define Mul	Rationts Flag Setup Com	m Alert Setup Startup V	lew Patient View	Panel View	Layouts CMET	Meaningful Use	PC
Patient De	tal Panel Detal						
elect the del	lauk Measure Set(s) and Panel tha	you would like to see when	viewing the IPC labe 1	ou may also collar	ne the Mers/lips		
easure Set	B Core	Restore to	1	Collapse Tips D	isplay		
	Cancer Screening F Health Risk Screening F Outcome Measures F Outcome Measures F Other Core Supplemental	System Delaut	1	Collapse Filters	Display		
anet	r	_					
						OK	Cancel

Figure 2-3: Patient Detail sub-tab (highlighted in red)

2.3.3 Panel Detail Sub-tab

Panel Detail options can also be selected by iCare users (Figure 2-4).

Measure Set	Core - Core Cancer Screening - Cheath Risk Screening - Course Measures - Course Measures - Course Measures - Core - Co	Restore to System Default		Г Collapse Tips Displ Г Collapse Filters Disp	ay Slay	
Panet	ſ		2			

Figure 2-4: IPC Panel Detail tab (highlighted in red)

2.4 Creating IPC Panels (Microsystems)

In the **Panel Definition** view, newly created patient panels can now be designated as **IPC Panels** (Figure 2-5). These designated **IPC Panels** can be viewed on the **IPC** tab. This should facilitate the creation of IPC teams/microsystems for IPC compliance monitoring.

"PanelName:	after	noon pts	Category:		Designate IPC Panel? 🔽	Properties
Panel Description						
Population Search Options		- Patients Assigned to P	arameters			
No Predefined Population Search - Add Patients	c	Patients NOT Assign	ed to a DPCP			
manually		C Providers:		At 🗖 DPCP Selectatik	saal one gipe	
My Patients	c	Edk		Specialty Plovider	Specially Tone	1
Patients Assigned to	G				E.u. I	
Scheduled Appts	C				No Marilla and a Cardon	

Figure 2-5: Panel Definition tab displays Designate as IPC Panel (highlighted in red) and Patients NOT Assigned to a DPCP (highlighted in red)

As shown in Figure 2-5, iCare now also allows users to create panels of patients that are not assigned to a DPCP. This should facilitate clinical quality improvement efforts where patients are required to have an assigned DPCP.

2.5 IPC Main View Tab

As shown in Figure 2-6, there is an IPC main view tab.

Patient Detail Panel Detail	Provider Aggregated Fa	clity Aggregated			
Tips These are the IPC measures results See Glossay for complete measure	s for patients on the selected panel descriptions				
Filters Optional filters can be used to focus your view	Panel: afternoon pts	Refresh List Vist/Appt Details	r 🖁		
Measure Set:	The measures data from cris	2011 Culture as 00. 1 e0 24, 2012 07.07 AM			
Core Core Core For Cancer Screening For Health Risk Screening				9	Core
Outcome Measures Other Core Supplemental	Designated PDP / 7	Patient Name 🗸 🗸	HRN V	DOB 🔽	DM: Compreh ⊽ Care
Save current settings to User Preferences?					
	(NOT ASSIGNED)	AAA.GCOX	909090-CI	Oct 10, 1988	NDA
Restore to User Pref		ABBEY,DORIS	"140750-CI "140749-CH "140751-URA	Nov 29, 1897	(D)
		ABBEY,ROBIN LYNN	168917-CI 168918-URA	Dec 04, 1986	N/A

Figure 2-6: IPC tab with all sub-tabs

As shown in Figure 2-6, there are four **IPC** main view sub-tabs:

- Patient Detail
- Panel Detail
- Provider Aggregated
- Facility Aggregated

2.5.1 Patient Detail Sub-tab

For the **Patient Detail** sub-tab, Core and Supplemental IPC measures compliance data for each patient (aggregated by provider) are shown in the table by Yes (compliant), No (noncompliant), NDA (no data available) or N/A (not applicable to patient) designations (Figure 2-6). In the **Optional Filters** side bar to the left of the screen or **Category Filter** side bar to the left of the screen), the user can select one or more measure sets to display for a selected **IPC** panel simply by selecting the measure set(s).

- Tips These are the IPC measures results See Glossay for complete measure	lor pi desci	tients on the selected panel plons					
Fites Optional fites: can be used to focus your view	Pa	nel: alternoon pls C'Measures data from CRS	Refresh List Visit/Appt Details	r s		9 V I	* 2 3 3
Core Core Concer Screening Concer Screening						Core	
Preath Hall Scienting Outcome Measures Protein Core Supplemental		Designated PCP 17	Palent Name	HRN V	DOB 5	DM: Compreh	Health Risk V Scienning
Save current settings to User Preferences?							
Save	2	(NUT ASSIGNED)	ANA GLUX	"140750-CI "140749-CH "140751-LIPA	Nov 29, 1897	(D)	(D)
			(DECT) NORM CIVED	168917-CI 168918-URA	Dec 04, 1906	N/A	NO
			Annual Contra	172493-CI	Nov 19, 1928	N/A	NO
			100000000	174348-CI	Oct 01, 2004	N/A	NO
			removed and possible	165233-CI 165232-CH 1657342-IBA	Jun 16, 1996	(D)	(D)

Figure 2-7: IPC main view tab (top row) and sub tabs (bottom row) with the Patient Detail tab active and filter options (highlighted in red)

In order to reduce the amount of horizontal scrolling to see a large number of measure data columns, the left side bar **Category Filter** selector (Figure 2-7) can be used to limit columnar data display to each of these IPC measures or measure sets individually:

- Core
 - Cancer Screening Bundle
 - Health Risk Screening
 - Outcome Measures
 - Self-Management
- Supplemental

For a panel designated as an **IPC** panel, **Patient Detail** displays all patients with the values of their IPC measures. The values are calculated based on the last time the iCare nightly job or weekly National Measures job completed.

2.5.2 Panel Detail Sub-tab

For the **Panel Detail** sub-tab, Core and Supplemental IPC measures compliance data for each provider are shown in the table by display of measure numerator, denominator, and compliance (% Met = numerator/denominator) (Figure 2-8). In the **Optional Filters** left side bar, the user can select one or more measure sets to display for an **IPC** panel simply by selecting the measure set(s).

In the **Panel Detail** view, an IPC column will display the total number of IPC patients who have No Data Available (Total NDA) for each IPC measure (Figure 2-8). To the left of the **NDA** column, a new **Total Deceased** column is also displayed that totals the suspected number of deceased patients erroneously included in each measure.

	deals	phone	-		Aggegan Dor	ю зна техниче адрадио	na tor all needs po	- Aller					
undto	70	net alternoon pla	(infresh Lint A	lagregate 🗂 🛐							
	10	Weasure data	tum (CRS 2011 current a	n of Fab 24, 25	R2 87 97 AM							-
		Provider	7.6	Measure Set. V 4	Measure	79	Numerator V-4	Denomenato	1001	ZNH Y H	PC Lost 74	Total Patients	74 Total Deceased 1
reening	14	PIUT ASSIGNED		Coe	Det Lingeren	ove Las			14314		/0/		3.6
Sciencing	1				Alcohol Crossey	1325 Devi			10001				
eatives	1				Ehd Manuard 7	1210 (1/84)	407		12001	41			
	100				Mr. BP Assesse		17	-	1000				
	E				Damasurer Sca	among or Diamons 18a			15030	01			
User -	H				IPV/DV Screen	Famales 15-40			1305	01			
100	E				Tobacco Use/E	concer Assessment 5-			16504	01			
					Carcer Science	ollunde	123		14423	12	703		
		8			Mannogan Ra	tes 52.64	2		13150	01			
Prof.					Pap Snew Rate	1 21 64	131		13862	15			
					Colorectal Cancel	e Screen 51-80	15		13700	01			
					Outcome Meanu	re: Burde	3618	() () () () () () () () () ()	16806	278	701	£	
	1				A1C in Control		0	C	12912	01			
	10				BP in Cantod		3	6	13191	01			
	1				LOL in Control		6	1	12907	0%			
	1	1			Tobacco Use Ph	evalence 5+	1		12911	81			

Figure 2-8: IPC Panel Detail view with IPC Measure data and the Total NDA column (highlighted in red)

To change to an aggregated view for all measures and for all providers in an **IPC** panel, check the **Aggregate** checkbox (next to the **Panel** drop-down box). The **Aggregate** view will hide the provider column and display the aggregated totals for all providers for each measure.

IPC Goals for the indicated measures appear in data table (Figure 2-9).

For a panel designated as an **IPC** panel, **Panel Detail** displays aggregated data for all patients in the panel for all IPC measures by provider. The values are calculated based on the last time the iCare nightly job or weekly National Measures job completed.

	Arwighting			grapes to to an essent age	ngana to ar neno pi	inders.					
e used to	Pariet at	emoon pla		ehesh-List Aggregate 🗆 🕄							a.
	IPC Hears	are data from	CRS 2011 current or	of Feb 24, 2012 07:07 AM							
_	Provide	1 74	Measure Set. V 4	Measure	7 P Numerator 77 4	Denominator V 4	2. Mill 17 4	PC Goal V 4	Total Patients 17.4	Total Deceased 1	74.3
-	NOT A	SSIGNED)	Cue	DM: Comprehensive Care		1, 1,291	2 68	100	1753	6	78
lick Scieering	100			Health Rick Screening Bundle		1 1675	11 C	801			
Measures	10.5			Alcohal Screen: 12-75 (Dev)	10	1 1598	1 01.				- 1
**	100			EM Measured 2-74	607	1662	9 45				
•	100			25+ BP Assessed	1	1995	20 8				
				Depression: Screening to Diagnosis 10	• 1	1569	0 01				
e Ro Uner				PV/DV Screen Females 15-40		1 1362	5 01.				
	100			Tobacco Use/Exposure Assessment 5		1650	4 01				
				Cancer Screening Bundle	123	1 1442	3 12	782			
In the l				Manmogran Rates \$2.64		1315	0 01				
1041710	100			Pap Smear Rates 21-64	131	1398	2 15				
	12			Colorectal Cancer Screen 51-80	15	5 1370	0 0%				
				Outcome Measures Bundle	361	1 1600	6 278	701			
				ATC in: Control		1291	2 01				
	100			BP in Control	1	1019	1 0%				
	100			LDL in Control		1290	7 0%				
	100			Tobacco Use Phevalence 5+		1291	1 01:				

Figure 2-9: IPC Panel Detail view with IPC Goals displayed (highlighted in red)

2.5.3 Provider Aggregated Sub-tab

For the **Provider Aggregated** sub-tab, Core and Supplemental IPC measures compliance data for each provider are shown in the table by display of the compliance rate (% Met = numerator/ denominator) for the indicated month (Figure 2-10). By moving your cursor to each data cell in the table, you can see the numerator and the denominator (in a hover box) used for calculating that displayed compliance rate.

The checkboxes above the data table on the **Provider Aggregated** tab also allow the user to filter the displayed data by microsystem (team) and to aggregate the data by microsystem (team).

IPC Goals for the indicated measures also appear in this data table (Figure 2-10).

As each month is processed, **Provider Aggregated** is a view of all providers who are Primary Care Providers for all IPC measures. These values are not refreshed after they are calculated. They are a snapshot for the previous month that is calculated the next month on the day specified in the IPC site parameter for data collection.

his tab display ovider (DPCP)	s snapsho) within Ih Iter by Mic	ts of IPC measures i e facility by provide rosystem? 🔽 Ag;	for the previous month for all patients assists. *	pned to a designated	f primary care
Provider	AV-9	Measure Set V-	Measure	7-10 IPC Goal V-10	Aug 2011 V4
		Core	Total Patients		N//
			DM: Comprehensive Care	70%	0
			Health Risk Screening Bundle	802	0
			Alcohol Screen: 12-75 (Dev)		0
			BMI Measured 2-74		100
			20+: BP Assessed		50
			Depression: Screening or Diagnosis 18+		0
			IPV/DV Screen Females 15-40		0
			Tobacco Use/Exposure Assessment 5+		0
			Cancer Screening Bundle	70%	33
			Mammogram Rates 52-64		0
			Pap Smear Rates 21-64		100
			Colorectal Cancer Screen 51-80		0
			Outcome Measures Bundle	70%	N/
			A1C in Control		N/
			BP in Control		N/
			LDL in Control		N/
6					

Figure 2-10: Provider Aggregated data displayed

Clicking on the **Graph It** icon above the table will present a user-definable graphical display of the data in the table. The appropriate IPC Goals will also be displayed in the graphs.

2.5.4 Facility Aggregated Sub-tab

For the **Facility Aggregated** sub-tab, Core and Supplemental IPC measures compliance data for all providers combined are shown in the table by display of the compliance rate (% Met = numerator/ denominator) for the indicated month (Figure 2-11). By moving your cursor to each data cell in the table, you can see the numerator and the denominator (in a hover box) used for calculating that displayed compliance rate.

S iCare - TETE	R, SHIRLEY - 2010 DEM	O HOSPITAL - C	DAB - 161.223	.92.2	51							
t yew Lools	Window Help						Quick Pr	stient :	Search:			0
tel List Flag tient Detail 10 b displays snap	List Community Alert Panel Detail Provid shots of IPC measures ex	Nat1 Measure Aggregated	res CMET Facility Aggr	Mei egate for al	aningful Use d I patients ass	y IP	C	led pri	may care p	vovider (DPCP) within i	this
RI 🖉									۷	5	***	a l
asure Set 🛛 🗸	Measure	7.9	IPC Goal	7-0 /	Aug 2011	74	Sep 2011	7-9	Oct 2011	7.0	Nov 2011	74.4
e	Total Palients					N/A		8891		8891		8887
	% of Pts Empanelled to Care Provider	a Primary		90%		N/A		ar		0\$	1	672
	DM: Comprehensive C	are	1	/0%		08		08		08		08
	Health Risk Screening	Bundle		302		02		02		02		04
	Alcohol Screen: 12-75	(Dev)				0%		0%		0%		0%
	BMI Measured 2-74					48%		48%		47%		45%
	20+: 8P Assessed					49%		48%	<u>.</u>	43%		35%
	Depression: Screening 18+	or Diagnosis				0%		NU	merator: 35	79 Deno	ninator: 7524	0%
	IPV/DV Screen Female	es 15-40				0%		0%		0%		0%
	Tobacco Use/Exposur	e Assessment				0%		0%	1	0%		. 10
							Selec	ted Ro	ws: 1 Visi	ble Rows	28 Total Ro	ws: 28

Figure 2-11: Facility Aggregated data displayed

IPC Goals for the indicated measures also appear in this data table.

Facility Aggregated provides a view on a month-by-month basis for all IPC measures for all providers who are Primary Care Providers. These values are not refreshed once they are calculated. They are a snapshot for the previous month that is calculated the next month on the day specified in the IPC site parameter for data collection.

Clicking on the **Graph It** icon above the table will present a user-definable graphical display of the data in the table. The appropriate **IPC Goals** will also be displayed in the graphs.

2.6 Tips, Tooltips, and Glossary

As shown in Figure 2-12, there are **Tips** for some **IPC** tabs that describe the information being displayed. These **Tips** can be hidden or displayed using the **Tips Expand** and **Collapse** buttons.

```
Tips
This tab displays snapshots of IPC measures for the previous month for all patients assigned to a designated primary care
provider (DPCP) within the facility by provider...
```

Figure 2-12: Sample Tips

By moving your cursor over IPC column names, measure names, and data cells, you can also view informational **IPC Tooltips** that appear in hover boxes.

There is also an **IPC Glossary** that can be accessed by clicking on **Help** menu in the top **tool** banner, then selecting **IPC Glossary** (Figure 2-13).

File Edit View Tools Window	Help					4	Quick Patient Se	arch:		0	
Panel List Flag List C		iCare Help F1	ET	Meani	ngful Use	IPC					
Patient Detail Panel Det		Best Practice Prompts Glossary	ggre	gated	10000	200					
Tips These are the IPC measures results See Glossay for complete measu		Care Mgmt Glossaries Community Alerts Glossary	Check "Aggregate" box to see measures aggregated for all fisled providers								
- Filters Optional filters can be used to focus your view	000	Diagnostic Tag Glossary Natl Measures Glossary Reminders Glossary] Refr	esh List /	Aggregat	• [] 🕃	69	e 44	N (1) (1)	
Measure Set:		CMET Gossary	Cut	Contex as of Feb24, 2012 07 50 AM			Numerator	V-0 D			
Core Concer Screening Wealth Risk Screening	00	Meaningful Use Glossary Employee Health Glossary	200	Di He	t Comprehen alth Risk Scre	sive Care sening Bu	nde		0	129-	
- 🔽 Outcome Measures	-	IPC Glossary		Alc	cohol Screen:	12-75 (D	ev]		10	159	
		About (Care		BM 20	II Measured 2 •: BP Assesse	-74 ed			607 17	166 155	
1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 - 1000 -		•		De	pression: Sch	eening or	Diagnosis 18+		9	156	
Save current settings to User				IP	//DV Screen	Females	15-40		0	136	
Preferences?	1			To	bacco Use/E	xposure A	Assessment 5+		4	165	
Save				Ca	ncer Screenin	g Bunde	,		123	144	
Reviewe to Liner Pref	1			Ma	mmogram Ra	tes 52-64	l.		2	131 _	
riesole to oter Pier	- 1	-		-		110				1	

Figure 2-13: IPC Glossary

2.7 IPC Data Collection and Transfer to Data Portal

IPC Data Collection and aggregation will be automatically performed on the day of the month (as defined in the IPC site parameter for data collection) during the iCare nightly job. The default value is the 1st of the month. Depending on the timeliness of data entry at each site, this can be adjusted up to the 7th of the month.

Above the **IPC Provider Aggregated** data table, when **IPC Data Portal** is clicked, a dropdown window appears with **Download** and **Upload** choices (Figure 2-14). Selection of either of these automatically connects to the **IPC Data Portal** where the user can log-in and download the appropriate IPC reporting template or upload a completed template.

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Provider / V4	Measure Set V @	Measure V-P	IPC Goal V 9	Aug 2011 7 @	Sep 2011 7 4	Oct 2011 7 4	Nov
ACORD ARUS L	Core	Total Patients		N/A	6	6	-
		DM: Comprehensive Care	70%	02	02	01	5
		Health Risk Screening Bundle	80%	02	02	02	
		Alcohol Screen: 12-75 [Dev]		0%	0%	0%	
		BMI Measured 2-74		100%	50%	33%	
		20+: BP Assessed		50%	33%	33%	
-		Depression: Screening or Diagnosis 18+		0%	0%	015	
		IPV/DV Screen Females 15-40		0%	0%	0%	
		Tobacco Use/Exposure Assessment 5+		0%	0%	0%	
		Cancer Screening Bundle	70%	334	173	173	1
		11 D 1 D 20 D 4		200		in it	



To automatically populate an IPC reporting template and upload it using iCare:

- 1. Navigate to the **iCare IPC** tab.
- 2. Open the **Provider Aggregated** view.
- 3. In the **IPC** section of the banner above the data table, click **Data Portal** dropdown list (Figure 2-14).
- 4. Select the **Download** option.
- 5. Log onto the **IPC Data Portal** as you normally would and select the Excel template that you want.
- 6. Give the template a name and file location, then download it.
- 7. To automatically populate the downloaded template with iCare, click **Export** in the **IPC** section of the banner (Figure 2-14).
- 8. In the dropdown box that appears, add the provider(s) that you want to the **Provider** box. Select the **Edit** button to edit the listing(s) in the **Provider** box.
- 9. Click **OK**, then select the file for the Excel template that you want to use (downloaded above through iCare or the standard one that you have been manually filling out for your site).
- 10. Click **OK**, and the Excel template will automatically be filled out for the provider(s) that you specified in #8 above.
- 11. In the **IPC** section of the banner above the data table (Figure 2-12), click **Data Portal** again.

12. In the drop-down window that appears, select **Upload**. The completed Excel template from #10 above will be automatically uploaded to the **IPC Data Portal** site.

Note: Alternatively, you can save the Excel template that is filled out by iCare (#10 above) and upload it manually to the IPC Data Portal in the manner that you have previously been using for your site.

Acronym List

BMX	Namespace for BMX ADO.Net Data Broker
BQI	Namespace for iCare
CDC	Centers for Disease Control and Prevention
CQ	Clinical Quality
DPCP	Designated Primary Care Provider
EHR	Electronic Health Record
GPRA	Government Performance and Results Act
GUI	Graphical User Interface
HHS	Health and Human Services
HIV	Human Immunodeficiency Virus
IHS	Indian Health Service
IPC	Improving Patient Care
MB	Megabytes
MU	Meaningful Use
OIT	Office of Information Technology
OS	Operating System
PC	Personal Computer
RPMS	Resource and Patient Management System

Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

Phone: (505) 248-4371 or (888) 830-7280 (toll free)

Fax: (505) 248-4363

Web: http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm

Email: <u>support@ihs.gov</u>