

# GPRA Update

*Indian Health Information Management Conference  
December 18, 2008*

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# Objectives

- Know which RPMS application reports for GPRA
- Understand the report within the Clinical Reporting System (CRS) that can be used to monitor GPRA performance
- Understand the CRS tools available to help improve population health at the patient level

# Application that Reports for GPRA

- The Clinical Reporting System (CRS) is the RPMS application IHS uses to report for GPRA
  - Updated at least once a year
  - Current version is CRS 2008 Version 8.0 Patch 3
  - CRS 2009 Version 9.0 is estimated to be released on June 30, 2009

# Application that Reports for GPRA (cont'd)

- CRS GPRA reports are run for the 2<sup>nd</sup>-4<sup>th</sup> quarters of the GPRA year (July 1 - June 30)
  - 2<sup>nd</sup> and 3<sup>rd</sup> quarter reports will be run using CRS 2008 Version 8.0 Patch 3
    - Sites can use Patch 3 to run their 2009 GPRA report
  - 4<sup>th</sup> quarter report will be run using CRS 2009 Version 9.0

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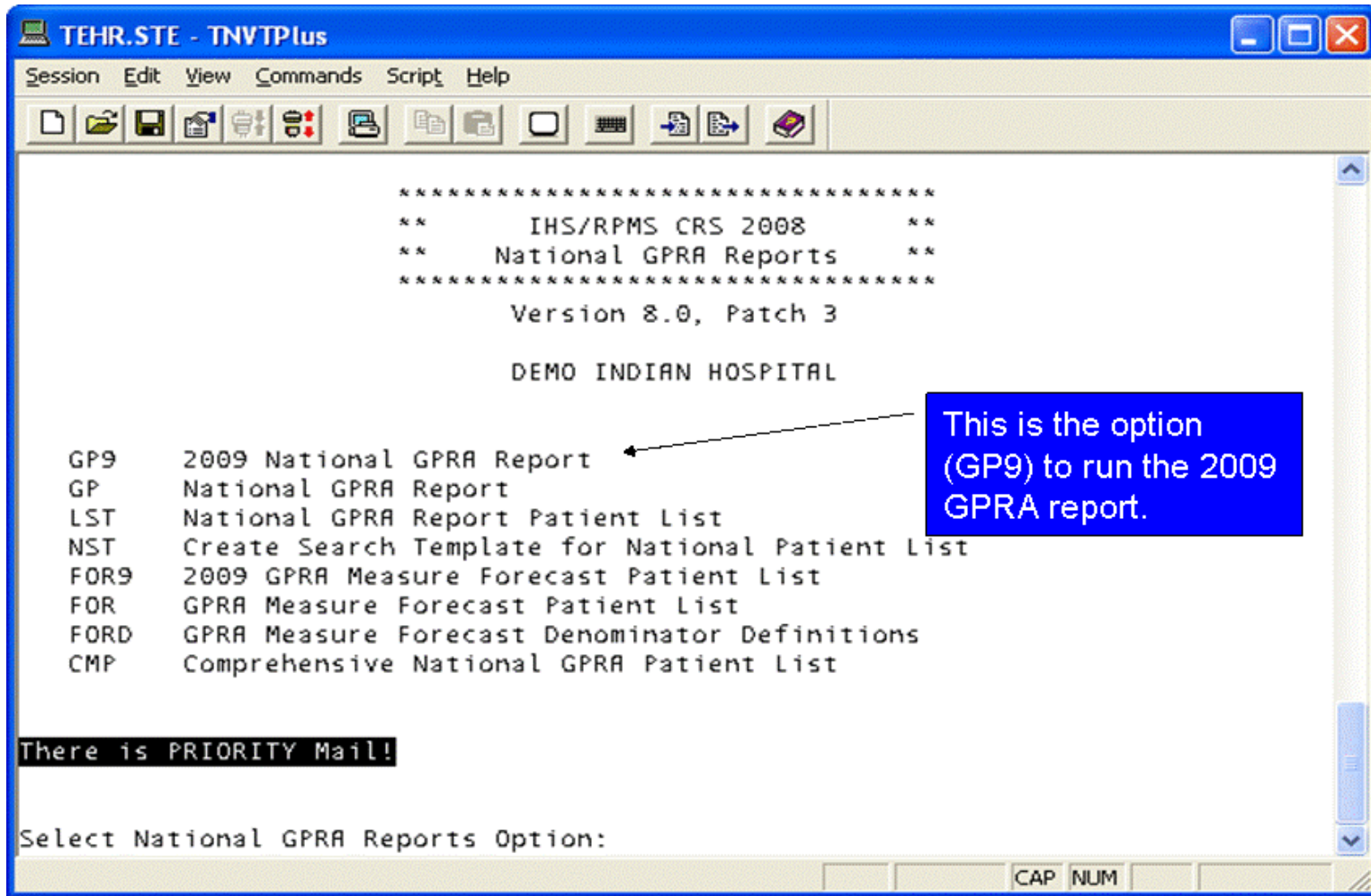
# CRS Report to Monitor GPRA Performance

- National GPRA Report
  - 22 GPRA measures reported annually to Congress and OMB, some of which are also reported for the Program Assessment Rating Tool (PART)
    - Examples: Diabetes Ideal Glycemic Control, Colorectal Cancer Screening
  - Several non-GPRA measures included to provide context to the GPRA measures
    - Examples: Diabetes Prevalence, Tobacco Screening
  - Pre-programmed to report for current GPRA year (2009), baseline year of 2000, and include AI/AN patients only

# CRS National GPRA Report (cont'd)

- Detailed information for each performance measure, such as definitions and rates
- Performance Summaries of both GPRA and non-GPRA measures

# CRS National GPRA Report





# CRS National GPRA Report, (cont'd)

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SK                               Dec 10, 2008                               Page 6
                                *** IHS 2008 National GPRA Report ***
                                DEMO INDIAN HOSPITAL
                                Report Period: Jul 01, 2008 to Jun 30, 2009
                                Previous Year Period: Jul 01, 2007 to Jun 30, 2008
                                Baseline Period: Jul 01, 1999 to Jun 30, 2000
-----
Diabetes: Glycemic Control

Denominator(s):
GPRA Denominator: Active Diabetic patients, defined as all Active
Clinical patients diagnosed with diabetes prior to the Report Period, AND
at least 2 visits during the Report Period, AND 2 DM-related visits ever.

Numerator(s):
Number of patients with a Hemoglobin A1c documented during the Report
Period, regardless of result.
GPRA Numerator: Poor Control. Patients with A1c greater than (>) 9.5.
GPRA Numerator: Ideal Control. Patients with A1c less than (<) 7.

Logic:
Diabetes: First Purpose of Visit 250.00-250.93 recorded in the V POV
file prior to the Report Period.

Searches for most recent A1c test with a result during the Report
Period. If none found, CRS searches for the most recent A1c test without
a result. A1c defined as: CPT 83036, 83037, 3046F, or 3047F; LOINC
taxonomy; or site-populated taxonomy DM AUDIT HGB A1C TAX.

Performance Measure:
Poor Glycemic Control
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This section is shown for each performance measure topic included in the report. This topic is Diabetes: Glycemic Control and this section of the report lists the denominator(s) and numerators(s) included in the topic and their definitions (i.e. logic).

# CRS National GPRA Report, (cont'd)

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\*\*\* IHS 2008 National GPRA Report \*\*\*  
 DEMO INDIAN HOSPITAL  
 Report Period: Jul 01, 2008 to Jun 30, 2009  
 Previous Year Period: Jul 01, 2007 to Jun 30, 2008  
 Baseline Period: Jul 01, 1999 to Jun 30, 2000

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Diabetes: Glycemic Control (con't)

	REPORT PERIOD	%	PREV YR PERIOD	%	CHG from PREV YR %	BASE PERIOD	%	CHG from BASE %
Active Diabetic Pts (GPRA)	109		95			87		
# w/A1c done w/ or w/o result	79	72.5	70	73.7	-1.2	52	59.8	+12.7
# w/A1c > 9.5 (GPRA)	17	15.6	4	4.2	+11.4	11	12.6	+3.0
# w/A1c <7 (GPRA)	32	29.4	30	31.6	-2.2	22	25.3	+4.1

This section shows the number of patients in the denominators and numerators and the performance measure rates for three time periods (report period, previous year, baseline year). This enables users to compare facility performance over time.

# CRS National GPRA Report (cont'd)

OFFICIAL GPRA MEASURES CLINICAL PERFORMANCE SUMMARY						
	Site Current	Site Previous	Site Baseline	GPRA08 Goal	Nat'l 2007	2010 Goal
<b>DIABETES</b>						
Poor Glycemic Control >9.5	15.6%	4.2%	12.6%	TBD		
Ideal Glycemic Control <7	29.4%	31.6%	25.3%	TBD		
Controlled BP <130/80	21.1%	21.1%	14.9%	TBD		
LDL Assessed	64.2%	48.4%	26.4%	TBD		
Nephropathy Assessed*	39.4%	6.3%	5.7%	TBD		
Retinopathy	48.6%	41.1%	50.6%	TBD		
<b>DENTAL</b>						
Dental Access General	8.4%	8.5%	8.9%	TBD		
# Sealants	49	61	81	TBD		
Topical Fluoride-# Pts	38	26	15	TBD		
<b>IMMUNIZATIONS</b>						
Influenza 65+	27.9%	39.7%	23.1%	TBD	59%	90.0%
Pneumovax Ever 65+	45.2%	69.8%	56.9%	TBD	79%	90.0%
Active IMM 4:3:1:3:3**	37.9%	0.0%	0.0%	TBD	78%	80.0%
<b>CANCER-RELATED</b>						
Pap Smear Rates 21-64	42.8%	51.6%	45.9%	TBD	59%	90.0%
Mammogram Rates 52-64	34.9%	37.9%	46.8%	TBD	43%	70.0%
Colorectal Cancer 51-80	19.4%	25.3%	17.4%	TBD	26%	33.0%
Tobacco Cessation Counsel	13.5%	19.5%	26.1%	TBD	16%	72.0
<b>BEHAVIORAL HEALTH</b>						
FAS Prevention 15-44	3.0%	0.6%	0.3%	TBD	41%	25.0%
IPV/DV Screen 15-40	0.6%	0.3%	0.0%	TBD	36%	40.0%
Depression Screen 18+	4.2%	5.6%	2.6%	TBD	24%	68.0%
<b>CARDIOVASCULAR DISEASE</b>						
Children 2-5 w/BMI =>95%	11.4%	23.1%	12.5%	TBD	24%	Reduce

The performance summaries are located near the end of the report. There are separate summaries for GPRA and non-GPRA measures.

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# CRS Tools to Improve Population Health

- GPRO Forecast
- National GPRO Patient List
- Search Template for National GPRO Patient List
- Comprehensive National GPRO Patient List

# GPRA Forecast

- Concept suggested by Michael Heisler, Red Lake, MN
- GPRA patient list linked to the Scheduling package
- Four options to run
  - All patients with scheduled appointments by clinic
    - Selected clinic
    - All clinics
  - Selected patients with scheduled appointments
  - All patients with scheduled appointments for the entire facility or division
  - Any patient regardless of whether they have a scheduled appointment
    - Can be used for walk-ins
- Lists all GPRA measures the patient has not met as of the run date

# GPRO Forecast (cont'd)

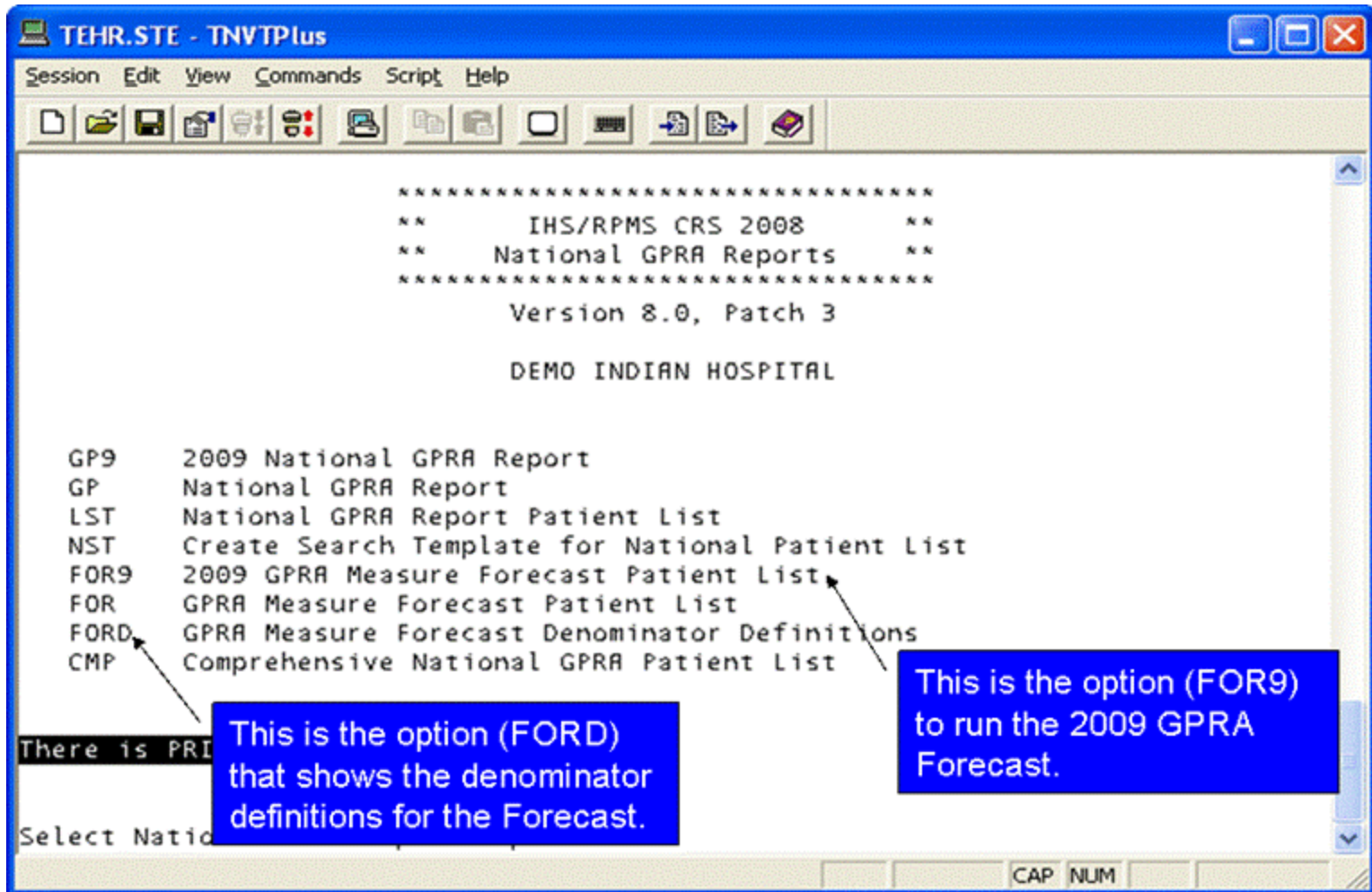
- Uses slightly modified logic for some of the denominators and the same logic as GPRO for the numerators. Examples:
  - GPRO Forecast does not require patient to meet the Active Clinical or User Population denominator definitions
  - GPRO Forecast requires diabetes (DM) patients to have at least 1 DM diagnosis ever and it must occur prior to the report period
  - GPRO requires 2 DM visits ever and 2 visits for any reason during the report period. However, patient may not have had 2 visits at the time the Forecast is run but may have 2 visits later in the year.
    - Run the GPRO Measure Forecast Denominator Definitions report to see exactly how all denominators are defined for the Forecast

# GPRA Forecast (cont'd)

- The Forecast is different from
  - Reminders because the reminders definitions are not always in sync with the CRS GPRA definitions
  - iCare because iCare uses the CRS GPRA definitions
    - Could be excluding DM and CVD patients from the denominators for Diabetes and Comprehensive CVD measures if it is early in the GPRA year



# GPRA Forecast (cont'd)



# GPRO Forecast (cont'd)

SK \*\*\*CONFIDENTIAL PATIENT INFORMATION-COVERED BY THE PRIVACY ACT\*\*\*Page 1  
 GPRO Measures Not Met or Due During Jul 01, 2008-Jun 30, 2009  
 CRS 2008 Version 8.0  
 Patients with an Appointment in OB/GYN ULTRASOUND on Nov 21, 2008  
 Date Report Run: Nov 20, 2008  
 Site where Run: DEMO INDIAN HOSPITAL  
 Report Generated by: KLEPACKI,STEPHANIE

Appt Time	Patient Name	HRN	Sex	DOB	Community
9:00 am	PATIENT,DEMO	000905	F	05/25/56	ST

DM Glycemic Control <7

Last A1c: Never  
 Overdue as of: 07/01/08  
 GPRO counts most recent A1c and when due during 7/1/08-6/30/09

DM Controlled BP <130/80

Last Mean BPs: 2 BPs not documented 07/01/08-06/30/09  
 Overdue as of: 07/01/08  
 GPRO counts mean of last 3 non-ER BPs (2 BPs if there are only 2), where mean is <130/80 during 7/1/08-6/30/09

DM LDL Cholesterol

Last LDL: Never  
 Overdue as of: 07/01/08  
 GPRO counts most recent LDL with or w/o result during 7/1/08-6/30/09

Last Est GFR: 05/27/04  
 Last Quantitative Urine Protein: Never  
 Est GFR & Quant Urine Protein Overdue as of: 05/27/04  
 GPRO counts Est GFR & QUP during 7/1/08-6/30/08 or any Dx ever of ESRD

This Forecast was run for patients with appointments to OB/GYN Ultrasound clinic on Nov 21, 2008.

The GPRO measures the patient has not met as of the report run date are listed, along with dates of last screening and information on what counts for GPRO to meet the measures.

# GPRA Forecast (cont'd)

- Sites can print the GPRA Forecast for each patient before their appointment
- Health care staff know exactly which measures the patients have not met and can perform needed screenings, order needed lab tests, and schedule needed appointments
  - Any provider can perform depression, alcohol, tobacco, and domestic violence screening
  - Any provider can take a patient's height, weight, and BP measurements

# GPRA Forecast (cont'd)

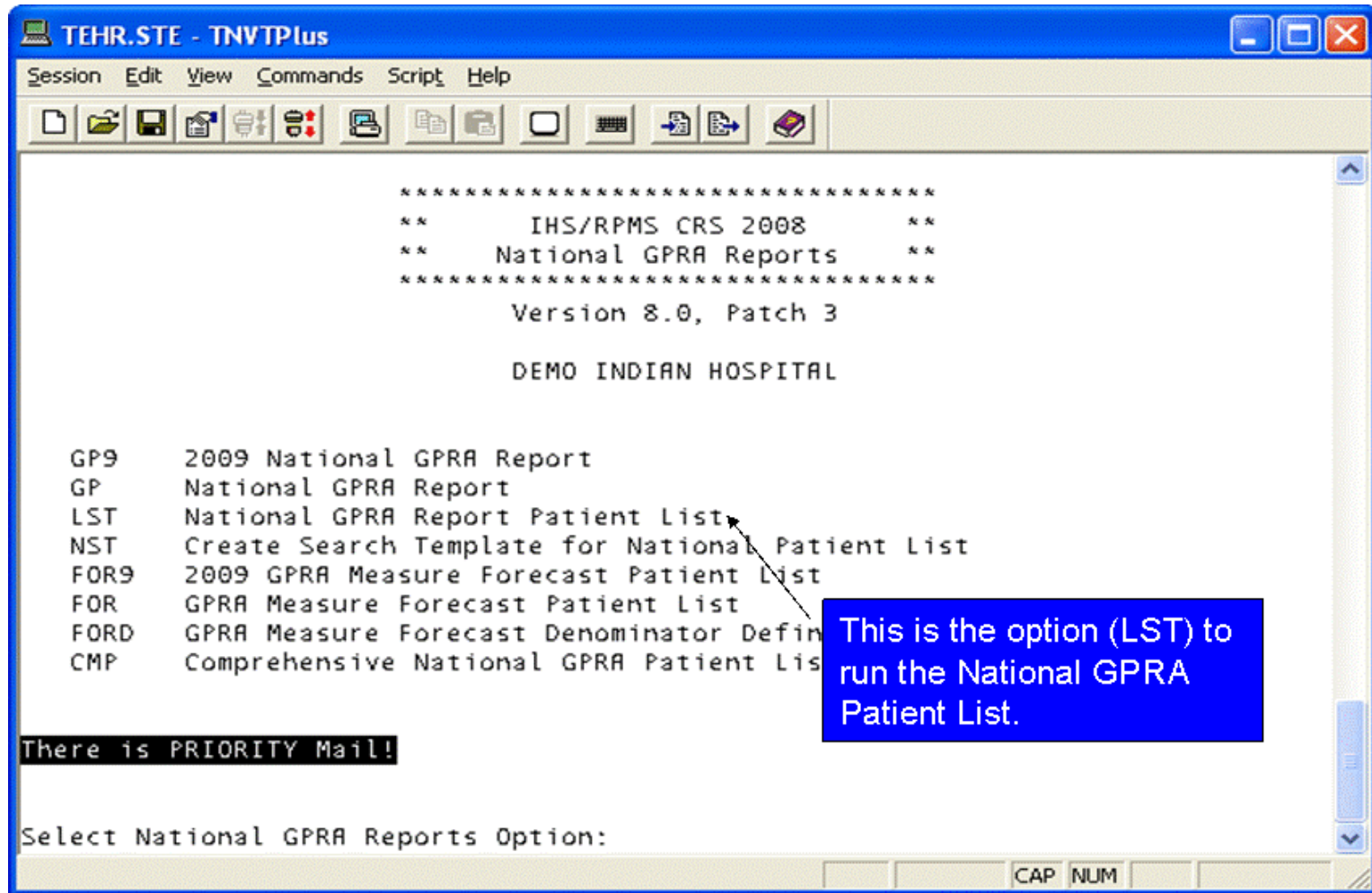
- User Feedback

- “We have been using it religiously since we discovered it a couple months ago, which by the way, improved our GPRA numbers DRASTICALLY from last year and actually from the time we started using the forecast report. Huge, huge increase. Thank you again so very much for this most useful tool!!” – Steve Thibodeau, Sonoma County Indian Health Project
- “I can't believe nobody else had tried this option - it's awesome and going to be such a big help!!” – Leeann Hickman, Gallup Indian Medical Center

# National GPRA Patient List

- Can be run for any measure(s) included in the National GPRA Report
  - Enables users to focus improvement on specific GPRA measures
- Can include patients meeting the measure, not meeting the measure, or both
- Can be run for all patients, a random sample of patients (10%), or by patients assigned to a designated provider
- Can be run for any 1-year report period
- Can include AI/AN patients only, non-AI/AN, or both

# National GPRA Patient List (cont'd)



# National GPRA Patient List (cont'd)

\*\*\*\*\* CONFIDENTIAL PATIENT INFORMATION, COVERED BY THE PRIVACY ACT \*\*\*\*\*  
 SK Dec 09, 2008 Page 3

\*\*\* IHS 2008 GPRA Performance Patient List \*\*\*  
 CRS 2008, Version 8.0 Patch 3  
 DEMO INDIAN HOSPITAL  
 Report Period: Jan 01, 2008 to Dec 31, 2008  
 Random Patient List

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 Diabetes: LDL Assessment

List of diabetic patients without LDL completed.

UP=User Pop; AC=Active Clinical; AD=Active Diabetic; AAD=Active Adult Diabetic  
 PREG=Pregnant Female; IMM=Active IMM Pkg Pt; IHD=Active Ischemic Heart Disease

PATIENT NAME	HRN	COMMUNITY	SEX	AGE	DENOMINATOR	NUMERATOR
PATIENT,CRSA	000286	BERNALILLO	M	46	UP,AD,AAD	
PATIENT,CRSB	000960	BERNALILLO	M	77	UP,AD,AAD	
PATIENT,CRSC	000322	SANTA FE	F	26	UP,AD	
PATIENT,CRSD	000024	SANTA FE	F	29	UP,AD	
PATIENT,CRSE	000202	SANTA FE	F	40	UP,AD	
PATIENT,CRSF	000071	SANTA FE	F	56	UP,AD	
PATIENT,CRSG	000788	SANTA FE	M	42	UP,AD,AAD	
PATIENT,CRSH	000782	SANTA FE	M	71	UP,AD,AAD	
PATIENT,CRSI	000334	TORRANCE	F	38	UP,AD	
PATIENT,CRSJ	000995	TORRANCE				
PATIENT,CRSK	000922	TORRANCE				

Total # of patients on list: 11

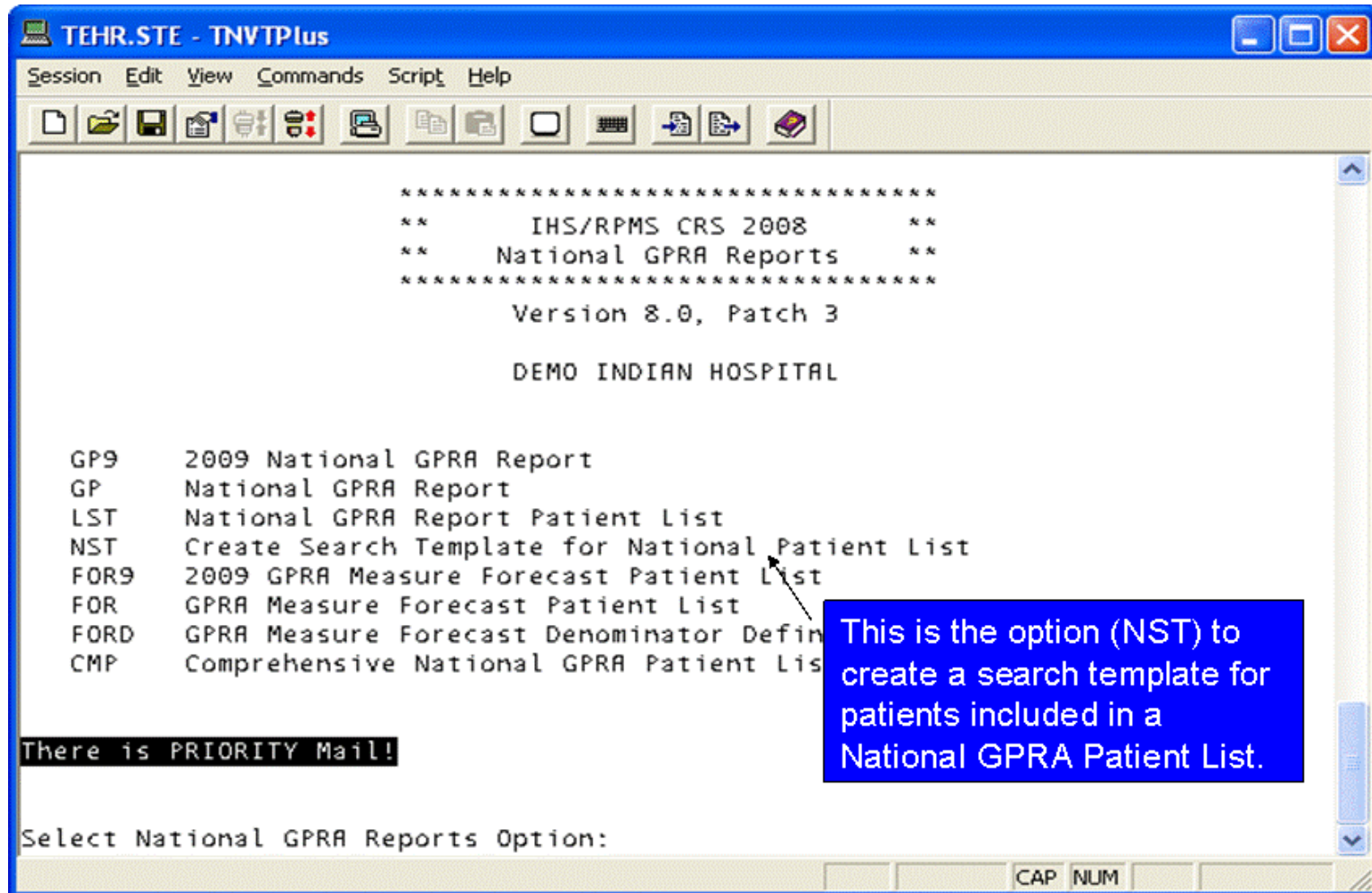
This is a random list of diabetes patients who did not have an LDL cholesterol test performed during the report period. The patients on the list can be contacted to order an LDL cholesterol test by the end of the GPRA year.

# Search Template for National GPRA Patient List

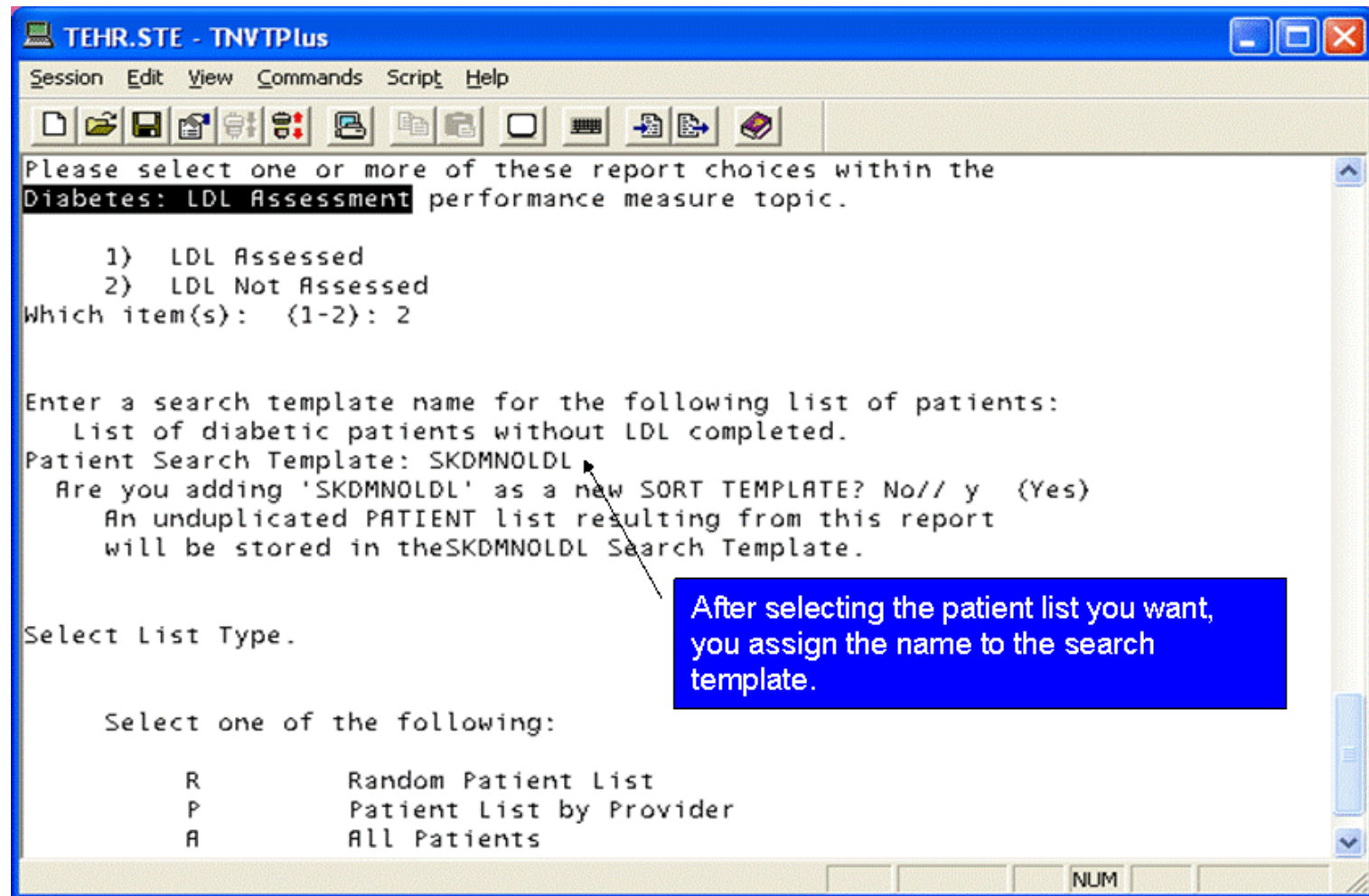
- Creates a search template of patients included in a National GPRA Patient List
  - Example: Diabetes patients with no LDL cholesterol assessment
- Search template can be used in other RPMS applications, such as QMan and PGen
  - One facility uses it to create address labels for reminder letters to patients in need of screenings



# Search Template (cont'd)



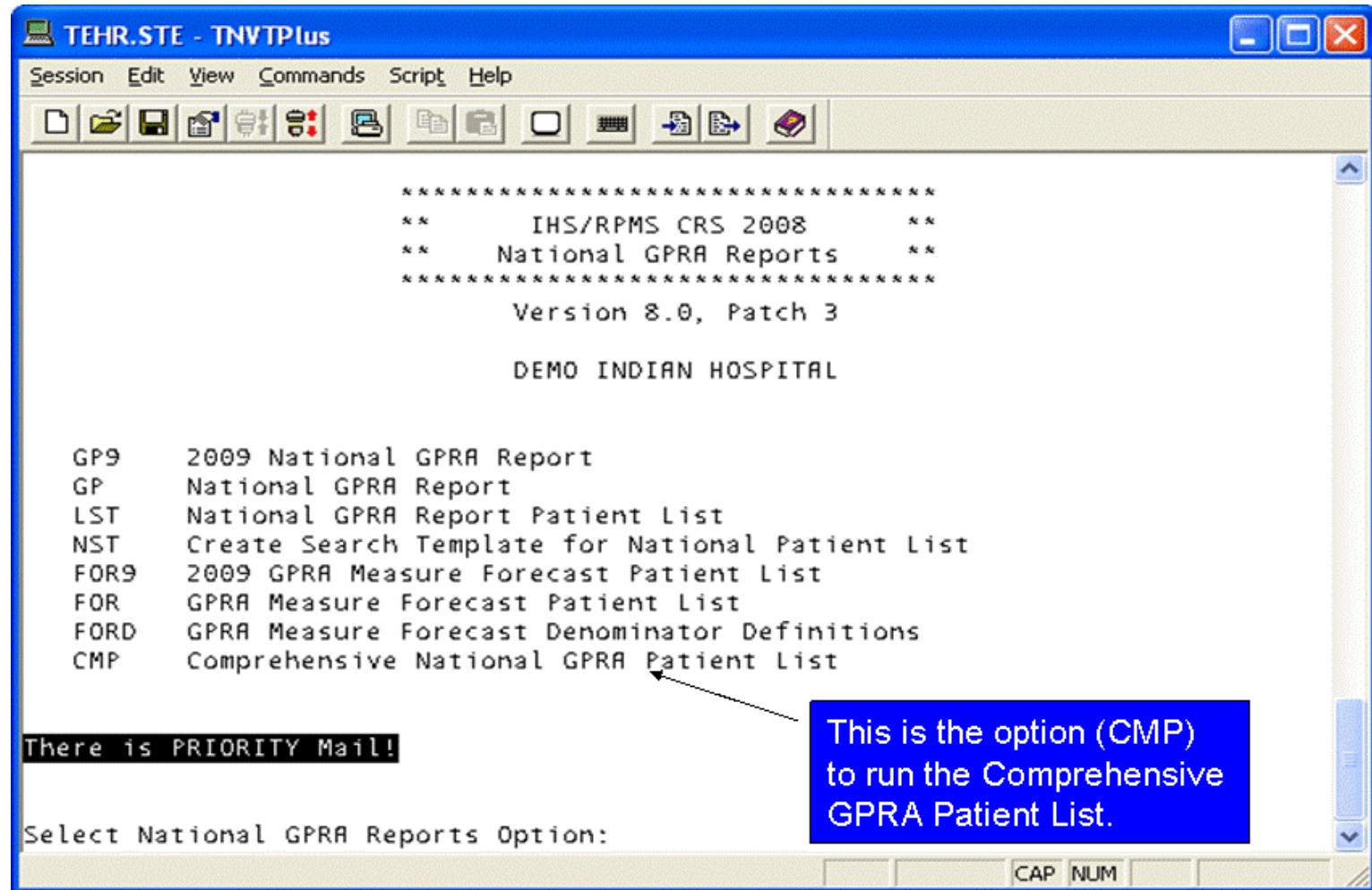
# Search Template (cont'd)



# Comprehensive National GPRA Patient List

- Includes all patients in the National GPRA Report and lists all GPRA measures the patients have not met
- Identifies the date of the patient's last visit and provider's name
- Based 100% on the CRS GPRA logic
  - Patients not having the required number of visits for the denominators will be excluded from the applicable measures

# Comprehensive Patient List (cont'd)



# Comprehensive Patient List (cont'd)

\*\*\*\*\* CONFIDENTIAL PATIENT INFORMATION, COVERED BY THE PRIVACY ACT \*\*\*\*\*  
 SK Dec 09, 2008 Page 3

\*\*\* IHS 2008 Comprehensive National GPRA Patient List \*\*\*  
 \*\*\* List of Patients Not Meeting a National GPRA measure \*\*\*  
 CRS 2008, Version 8.0 Patch 3  
 DEMO INDIAN HOSPITAL  
 Report Period: Jul 01, 2008 to Jun 30, 2009  
 All Patients

-----  
 UP=User Pop; AC=Active Clinical; AD=Active Diabetic; AAD=Active Adult Diabetic  
 PREG=Pregnant Female; IMM=Active IMM Pkg Pt; IHD=Active Ischemic Heart Disease  
 -----

PATIENT NAME PRVDR	HRN	COMMUNITY	SEX	AGE	DENOMINATOR	NOT MET/LST
PATIENT,CRSA AC Alcohol Scrn, AC IPV/DV Scrn, AC Depr Scrn/DOE,JANE,DO,11/27/08	000387	BERNALILLO	F	18	UP,AC	Dental Visit,
PATIENT,CRSB Visit/DOE,JOHN,MD,08/11/08	000389	BERNALILLO	F	18	UP	Dental
PATIENT,CRSC Visit/NOLAN,RYAN,DO,11/15/08	000445	BERNALILLO	F	18	UP	Dental
PATIENT,CRSD Visit/MICHAELS,ADAM,DDS,09/03/08	000446	BERNALILLO	F	18	UP	Dental
PATIENT,CRSE AC IPV/DV Scrn, AC Depr Scrn/JORDAN,JOHN,DO,08/01/08	000453	BERNALILLO	F	18	UP	Dental
PATIENT,CRSF AC Alcohol Scrn, AC IPV/DV Scrn, AC Depr Scrn/SONOMA,WILLIAM,11/15/08	000557	BERNALILLO	F	18	UP	Dental
PATIENT,CRSG Visit/JONES,DON,MD,10/05/08	000558	BERNALILLO	F	18	UP	Dental
PATIENT,CRSH Visit/SMITH,ADAM A,RN,07/01/08	000292	BERNALILLO	F	19	UP	Dental
PATIENT,CRSI AC Alcohol Scrn, AC IPV/DV Scrn, AC Depr Scrn/SAMSON,RICK,RN,08/01/08	900269	BERNALILLO	F	20	UP,AC	Dental Visit,

The patients are listed by community, age, and name. All of the GPRA measures the patient has not met and the patient's last visit date and provider are displayed. This patient needs to have an annual dental visit and screening for alcohol, domestic violence, and depression.

# CRS Assistance

- Need help with using any of the CRS tools?
- Contact Stephanie Klepacki ([stephanie.klepacki@ihs.gov](mailto:stephanie.klepacki@ihs.gov)) to receive the CRS User Manual containing step-by-instructions for using these tools

# Stay Informed - Join CRS Listserv

1. Go to the IHS Listserv page (URL shown below).  
<http://www.ihs.gov/cio/listserver/index.cfm>
2. On the left-hand side of the page, click **Available Lists**.
3. Click **Clinical Reporting System** from the list.
4. In List Functions (half-way down the page), click **Subscribe**.
5. It brings up an e-mail window. Type your name in the <your name here> section and remove the text “your name here.”
6. Click the **Send** button to send the message.

# CRS Contacts

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# Questions?