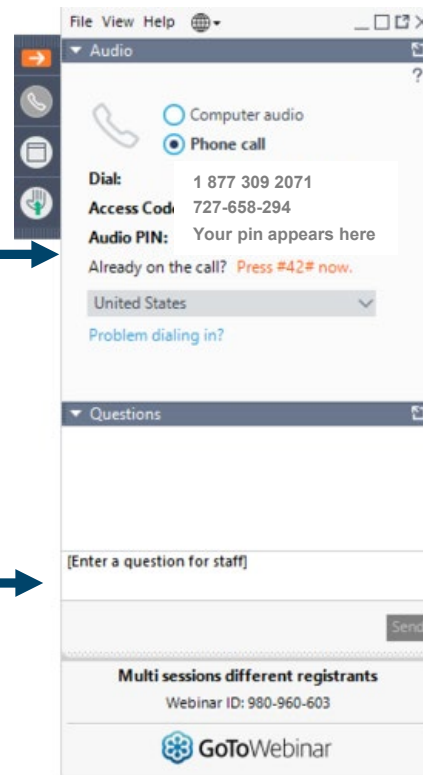


Welcome to the meeting. We will begin shortly.

If dialing in by phone,
enter #, your Audio PIN,
then #

Type your question into
the text field under
“Questions”



The screenshot shows the GoToWebinar interface. The 'Audio' section is expanded, showing options for 'Computer audio' and 'Phone call'. Below these, it displays the 'Dial' number (1 877 309 2071), 'Access Code' (727-658-294), and 'Audio PIN' (Your pin appears here). It also includes a dropdown for 'United States' and a link for 'Problem dialing in?'. The 'Questions' section is also expanded, showing a text input field with the placeholder '[Enter a question for staff]' and a 'Send' button. At the bottom, it displays 'Multi sessions different registrants', 'Webinar ID: 980-960-603', and the GoToWebinar logo.



NMD Training Webinar Series

Boot Camp Part 2: NMD Data Submission and Reports

NRDR
NMD[®]
NATIONAL MAMMOGRAPHY
DATABASE
AMERICAN COLLEGE OF RADIOLOGY



Learning Objectives

- Recognize how registry data can be used for facility benchmarking and quality improvement.
- Explain the connection between entering accurate, complete, and timely data for maximizing the value of registry participation.
- Upload complete data into the NMD and resolve validation and rejection errors to maximize the value of registry participation.

Moderator



Zach Smith

Sr. Quality Programs Assistant,
ACR

Speakers

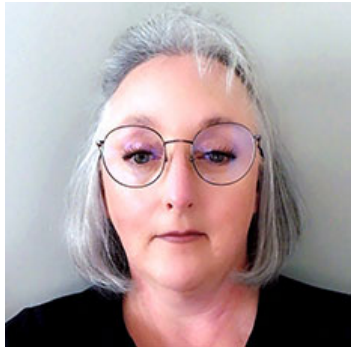


Robert D. Rosenberg, MD, FACR, FSBI

Chair of NMD Committee

Staff Radiologist, Radiology Associates of
Albuquerque

Professor Emeritus, University of NM



Gretchen Merriss

Data Analyst, Clinical Radiologists

Speakers



Lu Meyer

Sr. Quality Program Specialist, ACR



Ryan Keefer

Associate Quality Program Specialist,
ACR



Mike Simanowith

Director of Registries, ACR



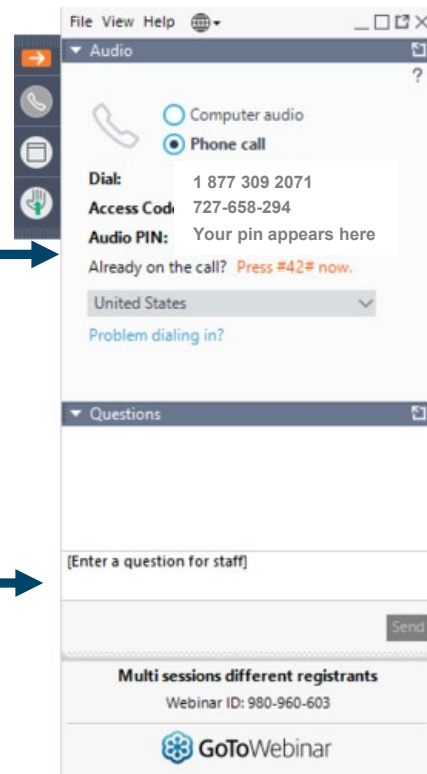
Disclosures

- None

Ask Your Questions in the Chat

If dialing in by phone,
enter #, your Audio PIN,
then #

Type your question into
the text field under
“Questions”



The screenshot shows the GoToWebinar interface. On the left is a vertical sidebar with icons for chat, audio, and questions. The main window has two sections: 'Audio' and 'Questions'. The 'Audio' section includes options for 'Computer audio' and 'Phone call' (selected), a 'Dial' number (1 877 309 2071), an 'Access Code' (727-658-294), and an 'Audio PIN' field. Below this is a dropdown for 'United States' and a link for 'Problem dialing in?'. The 'Questions' section has a text input field with the placeholder '[Enter a question for staff]' and a 'Send' button. At the bottom, it says 'Multi sessions different registrants', 'Webinar ID: 980-960-603', and the 'GoToWebinar' logo.



Boot Camp Part 1 Webinar - Poll

- Boot Camp Part 1 Recording:
<https://attendee.gotowebinar.com/recording/4098952269632543500>

Did you attend the Part 1 webinar on August 20?

A. Yes

B. No

Audit is About Self Knowledge

- “Knowing yourself is the beginning of all wisdom.”
- Aristotle
- Know yourself. Don't accept your dog's admiration as conclusive evidence that you are wonderful.
- Ann Landers




Purpose of NMD Reports: How are the data used?

Today we will cover:

- Data submission
- Data submission error resolutions
- Report management
- Report uses

NRDR Knowledge Base

nrdrsupport.acr.org

 **NRDR - National Radiology Data Registry Support**

Welcome
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[Home](#) [Solutions](#)

How can we help you today?




SEARCH

[+ New support ticket](#)
[📄 Check ticket status](#)




Knowledge base

NRDR - Overview






Benefits of Participation (3)

-  [Introducing the NRDR](#)
-  [Benefits For Clinicians](#)
-  [About the NRDR Knowledge Base](#)

Support for CMS Regulations (3)


-  [Key Dates and Milestones](#)
-  [Merit-based Incentive Payment System \(MIPS\)](#)
-  [MIPS Educational Material](#)

Features of Individual NRDR Registries (9)

-  [CDS Registry \(CDSR\)](#)
-  [CT Colonography Registry \(CTC\)](#)
-  [Dose Index Registry \(DIR\)](#)
-  [General Radiology Improvement Database \(GRID\)](#)
-  [Interventional Radiology Registry \(IR\)](#)

>> [See all 9 articles](#)

Announcements (11)

-  [NRDR 13.8 Release Notes](#)

e of Radiology



NRDR Knowledge Base - Poll



How familiar are you with the NRDR Knowledge Base?

- A. I use it often
- B. I use it occasionally
- C. I use it rarely
- D. I know about it but have never used it
- E. I have not heard about it

NRDR Knowledge Base - Demo

Core Documents [acr.org](#)

NRDR

 [Features of the National Mammography Database](#) 

 [NMD Measures](#) 

 [NMD Registry](#)

[ACR NRDR Homepage](#)

[About the NMD](#)

[NMD Data Dictionary](#)

[NMD Sample Facility Report](#)

[NMD Sample Physician Report](#)

[NMD Sample QCDR Preview Report](#)

[NMD Measures](#)

[NMD ABR PQI Project Description](#)



NRDR - National Radiology Data Registry Support

[Home](#)

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How can we help you today?

Enter your search term here...

SEARCH

 [New support ticket](#)

 [Check ticket status](#)

Knowledge base

NRDR - Overview

Benefits of Participation (3)

Features of Individual NRDR Registries (9)

American College of Radiology


Data Submission: What are the options to report the data?

- Batch file upload
 - Creating a file
 - Using NMD certified software
 - Using other methods, eg, Excel
 - Uploading a file

NMD Registry	<h2>Upload Data</h2> <p>Data file can be uploaded in .txt or .xlsx format. If you would like to upload data in .xlsx format please download the Excel template below spreadsheet.</p> <ul style="list-style-type: none">■ NMD Data Version 2.0 - nmd_yyyymmdd-hhmmss.xlsx■ NMD Data Version 2.1 - nmd_yyyymmdd-hhmmss.xlsx■ NMD Data Version 2.2 - nmd_yyyymmdd-hhmmss.xlsx■ NMD Data Version 3.0 - nmd_yyyymmdd-hhmmss.xlsx■ NMD Data Version 3.1 - nmd_yyyymmdd-hhmmss.xlsx■ NMD Data Version 3.2 - nmd_yyyymmdd-hhmmss.xlsx <p>Locate the file that contains your NMD data and click Upload.</p> <div><input type="text"/> <input type="button" value="Browse..."/> <input type="button" value="Upload"/></div>
ACR NRDR Homepage	
About the NMD	
NMD Data Dictionary	
Data Collection	
Upload Data	
Data File Process Status	
NMD Data Submission Overview	
Reports	
Operational Reports	
Accrual	

Data Submission: What are the options to report the data?

- Web-based data transmission
 - How to set up
 - Benefits of this method
 - Submit an NRDR help desk ticket for more information



Data Submission: How often should the data be reported?

- Guidelines for data submission
 - At least every quarter
 - Submit current and previous quarter (6 months)
 - Deadline for submission is one month after the end of the quarter
 - Choose timeframe that includes updated records
 - Reports are calculated cumulatively

Resolution of Errors and Missing Data: What to do after I upload the data?

- Check file upload status

Filename	File Received	File Loaded	Status	Facility ID	History ID	# of records in file	# of records rejected	# of records added	# of records added with warning	# of records updated	# of records updated with warning	Message	Action
100000_nmd_20200610-040001.txt	06/10/2020 09:48:12	06/10/2020 23:03:42	Successful	100000	20688	220	218	0	0	2	0		Delete Data File Download Log File Show Log File View Details
100000_nmd_20200610-030001.txt	06/10/2020 09:46:34		Rejected	100000	20687	220	220	0	0	0	0	All records were invalid.	Delete Data File Download Log File Show Log File View Details

Resolution of Errors and Missing Data: What to do after I upload the data?

■ Common Issues

- Files show “Valid w/ warning” (NPI) →

NPI of Interpreting Radiologist	
319	E
N3045:Warning. Physician NPI 319 does not exist for this facility ID/registry	
	1 S

- Files were rejected



Filename	File Received	File Loaded	Status	Facility ID	History ID	# of records in file	# of records rejected	# of records added	# of records added with warning	# of records updated	# of records updated with warning	Message	Action
100000_nmd_20200803-092100.txt	08/03/2020 11:06:13		Rejected	100000	21265	1	1	0	0	0	0	All records were invalid.	Delete Data File Download Log File Show Log File View Details

Resolution of Errors and Missing Data: What to do after I upload the data?

- File format doesn't match file version indicated

Record	Status	FileVersionNumber
1	Invalid	Unknown version number

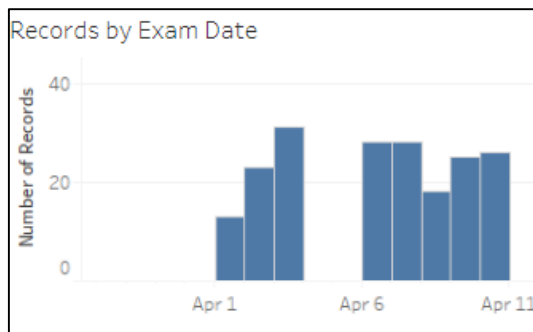
- Uploaded data are not showing as submitted on the dashboard

Corporate Account ID	Facility ID	Facility Name	Facility Location Address	Facility Status	Registry	Calendar Year Data Submission Status
100000	<u>100000</u>	ACR Test	1891 Preston White Dr # 2, Reston, VA, 20191-4326	Active	3D Printing	
					DIR	Not Submitted
					GRID	Not Submitted
					LCSR	Not Submitted
					MIPS	Not Submitted
					NMD	Submitted

Resolution of Errors and Missing Data: What to do after I upload the data? – Data Quality Report

■ Data Quality Report

Indication For Exam	Assessment (Patient-Level)	
1 - Routine Screening	Category 0: INCOMPLETE ASSESSMENT	
	Category 1: Negative	3
	Category 2: Benign	
	Category 3: Probably benign	1
2 - Additional evaluation of recent screening	Category 1: Negative	3
	Category 2: Benign	3



- Record count by NPI
- First exam date
- Last exam date
- Record count by classification and malignancy type

Resolution of Errors and Missing Data: What to do after I upload the data?

- Data Quality Report

Error Detail

Error	Patient NRDR ID	Exams
Tumor Stage is not Stage 0 and Malignancy Type = DCIS	15150462	1
	15150463	1
	15150465	2

Missing and Unknown Values

Check	Data Element	Records	Percent
Missing	Sex (Optional)	58	100.0%
	Pathological size of tumor (Optional)	58	100.0%
	Film or digital (Optional)	58	100.0%
	Use of computer-aided detection (CAD) - Standard views (Optional)	58	100.0%
	Use of tomosynthesis (Optional)	58	100.0%
	Biopsy date (Optional)	18	31.0%
Unknown	Malignancy Type: Unknown	37	63.8%
	Classification of lesion: Unknown	18	31.0%



NMD Report Use – Poll 1

Have you accessed the **NEW** interactive NMD Data Quality Report?


- A. Not yet
- B. Yes, first time viewing the report
- C. Yes, more than once



Report Management: What happens to the data?

- Available reports
 - NMD Facility Screening Report
 - NMD Facility Screening Group Report
 - NMD Physician Screening Report
 - NMD Physician Screening Group Report
- Future reports
 - Interactive aggregate reports

Report Management: What happens to the data?



**NATIONAL RADIOLOGY DATA
REGISTRY**
AMERICAN COLLEGE OF RADIOLOGY

User: | Fac

ACR NRDR Homepage

Manage Physician Group
TIN Documentation

Manage Physicians

Manage Physician
Authorization
Documentation

Manage Scanners

My Applications

Participation Agreement

TIN/NPI Summary Report

Facility Management

Aggregate Reports

Facility Information

Participation Agreement

TIN/NPI Summary Report

Facility Management

Aggregate Reports

Facility Information

Aggregate Reports

Filter

Published Aggregate Reports

Registry	Report Category	File Name	Description	Upload Date/Time	Actions
NMD	Facility	FacilityScreeningReportExcel2020Q1.xls	NMD 2020 Jan-Mar Facility Screening Report, Excel	05/27/2020 12:54:09	Download
NMD	Facility	FacilityScreeningReport2020Q1.pdf	NMD 2020 Jan-Mar Facility Screening Report	05/27/2020 12:18:44	Download
NMD	Facility	PhysicianScreeningReportExcel2020Q1.xls	NMD 2020 Jan-Mar Physician Screening Report, Excel	05/27/2020 11:49:10	Download
NMD	Facility	PhysicianScreeningReport2020Q1.pdf	NMD 2020 Jan-Mar Physician Screening Report	05/27/2020 11:27:29	Download
NMD	Facility	FacilityScreeningReportExcel2019Q1Q4.xls	NMD 2019 Jul-Dec Facility Report, Excel	02/07/2020 15:11:23	Download
NMD	Facility	FacilityScreeningReport2019Q1Q4.pdf	NMD 2019 Jul-Dec Facility Report	02/07/2020 15:08:42	Download
NMD	Corporate Account	FacilityScreeningReport2019Q1Q4.pdf	NMD 2019 Jul-Dec Facility Report	02/07/2020 15:04:22	Download
NMD	Corporate Account	FacilityScreeningReportExcel2019Q1Q3.xls	NMD 2019 Jan-Sep Facility Report	11/25/2019 10:07:34	Download

1 2 3 4 5 6 7 8 9 10 ... 19 >

Actions

[Download](#)

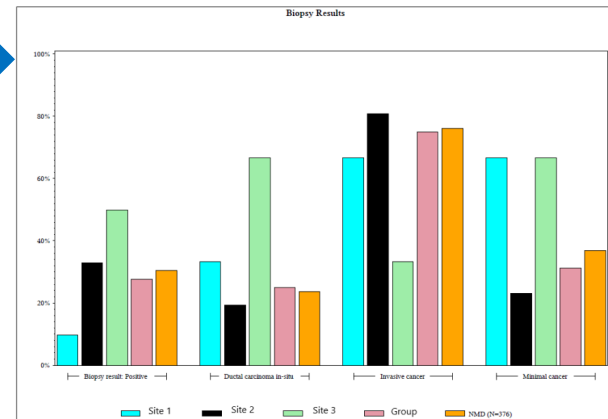
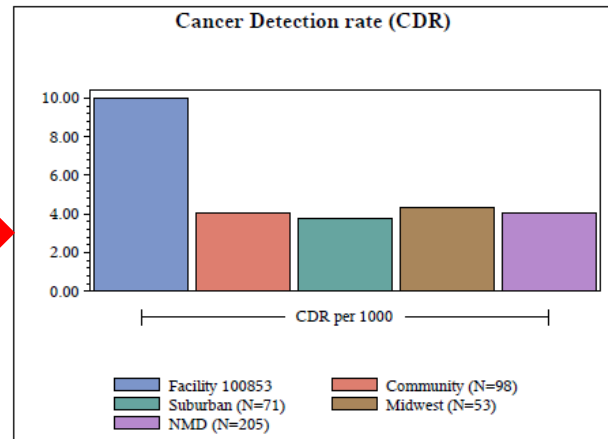
[Download](#)

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[Download](#)

Facility Screening Report

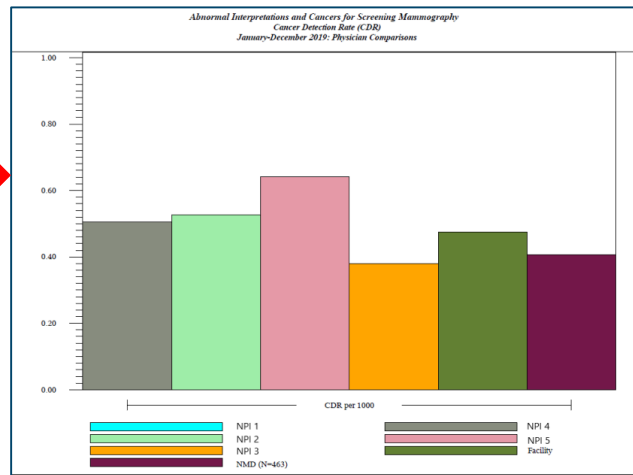
- NMD Facility Report compares site performance to other similar sites by type, size, location, and region
- NMD Facility Group Report compares facilities under the same corporate account
- Both: Comparison to all facilities in NMD registry as a whole
- Posted quarterly – 1 – 2 weeks after month submission grace period



Qtr	Collect Data	Submit Period	Report Creation
Q1	Jan - Mar	Apr	~1 st 2 wks May

Physician Screening Report

- NMD Physician Report compares individual physician performance within a facility to all physicians in the facility
- NMD Physician Group Report compares individual physicians under the same corporate account to all physicians in the group
- Both: Comparison to all physicians in NMD registry as a whole
- Posted quarterly



*Abnormal Interpretations and Cancers for Screening Mammography
Physician 123 January-December 2019*

	Physician 123		Facility / Group		NMD (N=463)	
Measure	Rate	(Num-Den)	Rate	(Num-Den)	Rate	(Num-Den)
All exams		100		500		3,102,964
Recall rate	5.00%	(5/100)	10.00%	(50/500)	10.07%	(312,616/3,102,964)



NMD Report Use – Poll 2

How frequently do you review your NMD reports?

- A. Annually
- B. Semi-annually
- C. Quarterly
- D. More frequently than quarterly
- E. Never



Data in the Report Doesn't Reflect What Was Expected: What to do

- Exams underreported
 - Check uploads for rejects
 - Ensure data are uploaded within 1 month of end of the quarter
- Measures not calculated
 - If no follow-up data provided, measures requiring follow up don't get calculated
- Low cancer detection rate
 - Cancers must be associated with a positive screening exam in order to be counted

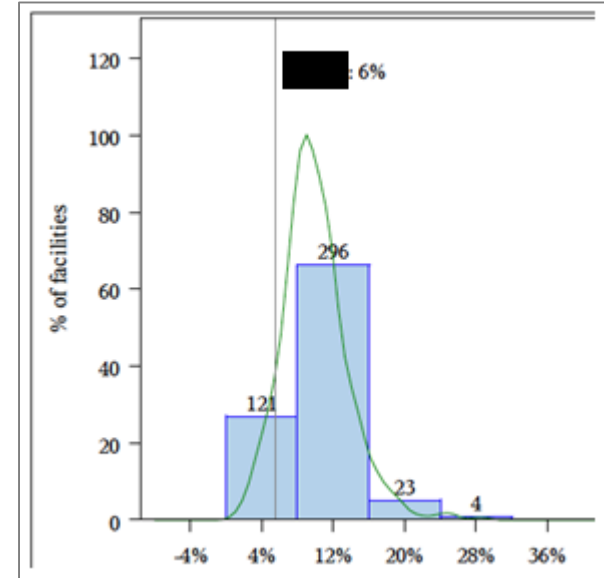


Outcomes in NMD Report Differ from Vendors

- Incomplete data uploaded
- Was BIRADS used correctly?
- Vendor doesn't use standard outcomes
 - Lymphoma is not a breast cancer so not a +
 - Multiple cancers in 1 patient – only counts as 1
 - Different time frame used for reports
 - Other options – old outcome definition of BIRADS 3

Intended Uses for Reports

- Set quality improvement goals
- Evaluate new radiologists
- See consistency of radiologists
- Demonstrate program performance to payers and others



Recall Rate - Variability



Engaging with NMD

- NRDR Knowledge Base
 - <https://nrdrsupport.acr.org/support/home>
 - FAQ of questions from today will be sent after webinar
- Provide NMD feedback through our survey!
 - <https://app.smartsheet.com/b/form/7613389ae5d947b2a2ae0c9877980e7f>
- Future webinars
 - Stay tuned for more webinars in the NMD Training Series



NMD Training Webinar Series – Poll

What topics would you like to see covered in a future webinar?

- A. In-depth explanation of NMD reports
- B. How to read report charts and graphs (across NRDR)
- C. Translating NMD data into quality improvement projects (w/ case examples)



CE Credit Claiming

CE Credit claiming instructions will be sent to you via email from alacount@acr.org following the activity, by Friday, September 4, 2020. Please click on the link and follow the instructions in the email to claim your credit, complete the activity evaluation, and receive your certificate. All evaluations and credit claiming requests must be completed no later than **11:59 EDT, Wednesday, November 26, 2020.**

For questions regarding the credit claiming of this activity, please contact Alexis LaCount: alacount@acr.org.