

Meaningful Use Cancer Reporting in Maryland: What Do You Mean?

NAACCR 2016 Annual Conference, St. Louis, MO

Carmela Groves, RN, MS,¹ Diane Ng, MPH, CPH,¹ Delores Rich, MLS,²

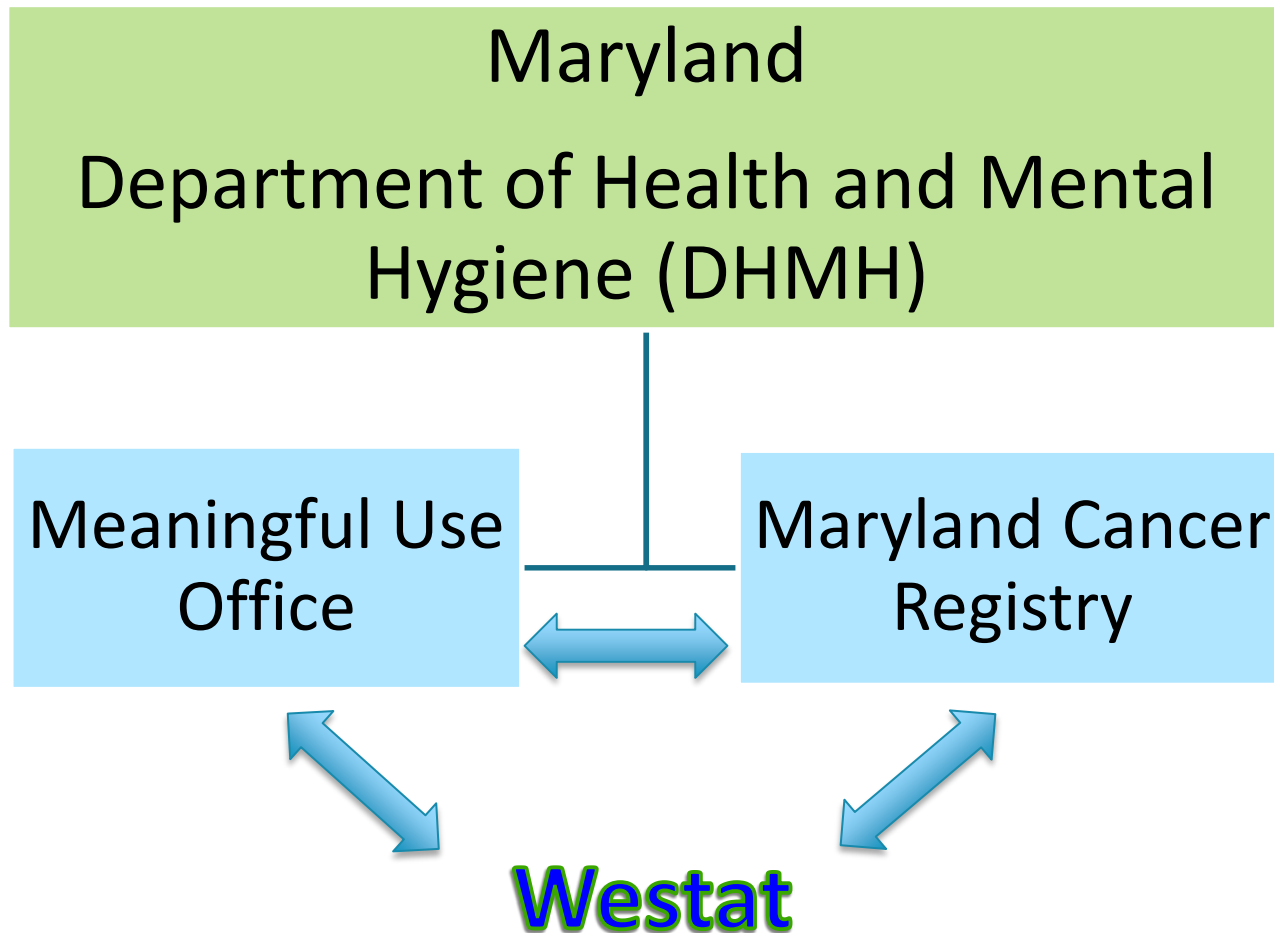
¹Westat, ²Maryland Department of Health and Mental Hygiene, Maryland Cancer Registry



Objectives

- Describe operational aspects of validation testing files
- Discuss development and implementation of tools
- Provide status of testing
- Discuss challenges, next steps

MU Cancer Reporting



Westat's Role in MU

- Perform validation testing
- Develop procedures, tools
- Communicate with providers, vendors, partners
- Set up transport option
- Participate in conference calls and discussions

Tools Developed

- Procedures, guidelines
 - Registry operations
 - Guidance to providers
 - Common testing issues
- Database to efficiently track MU providers and related events
 - Moved from Excel spreadsheet to Access

Steps Related to Validation Testing

Registration and set up

- EP registers with DHMH; DHMH sends list of active EPs to Westat
- Westat imports data related to new EPs into Access database
- Westat IT manager creates account for file uploads and sends information to EP to begin testing

Testing with fake data

- Westat asks the EP to send a test file within 15 days
- If the file does not “pass,” give EP another 15 days to send a corrected file
- If the EP does not send a file within 15 days, send a follow-up email; if an EP that does not send a file or does not respond in 30 days or more, notify DHMH that the EP is non-responsive

Testing with real data

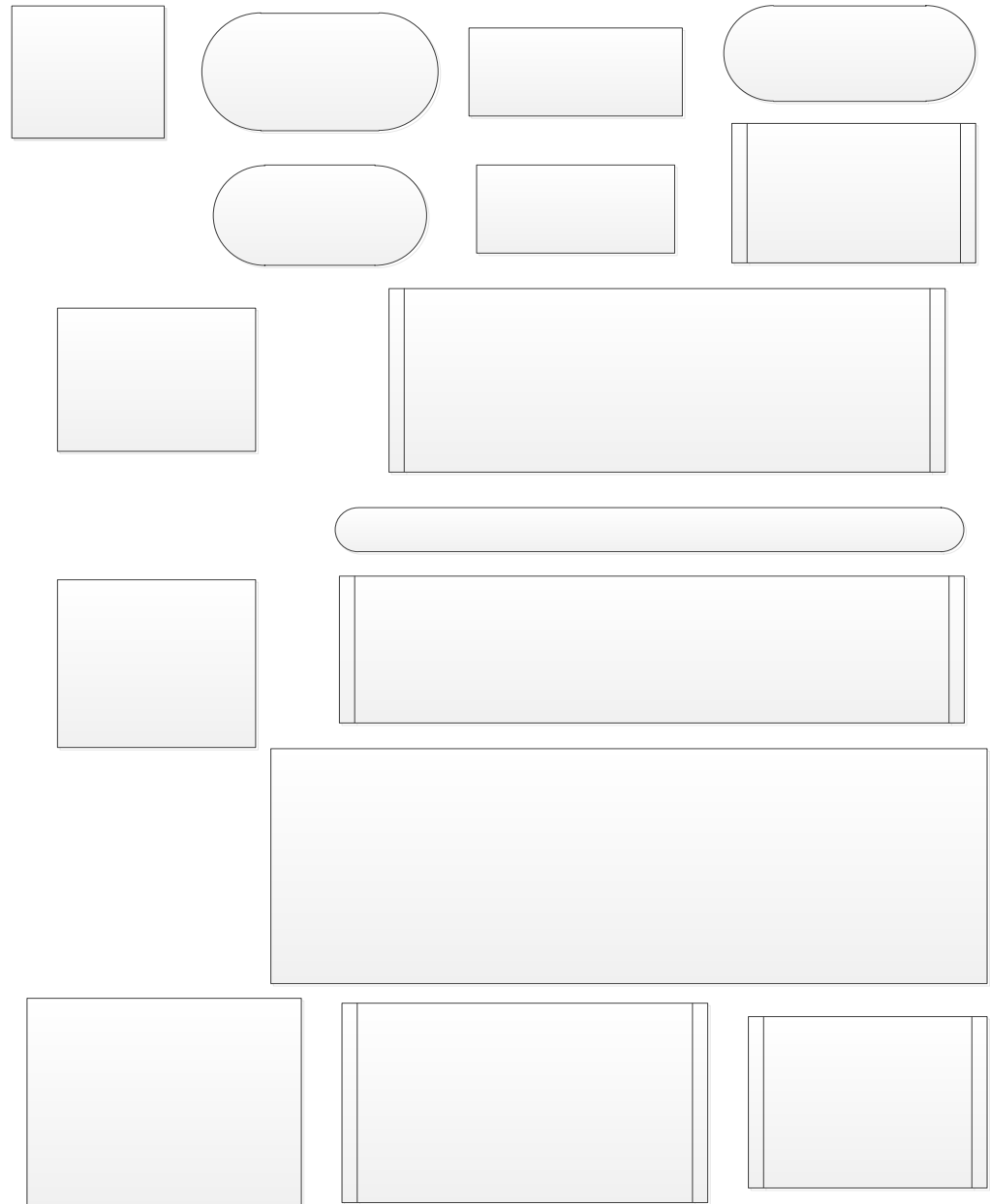
- Once an EP “passes” with fake data, ask to send a test file with real patient data
- Similar follow-up to testing with fake data occurs

Production

- If an EP “passes” with real patient data, the EP is ready for production
- Ask EPs that provide oncology services to submit bi-monthly and EPs that do not provide oncology services to submit quarterly
- Files are routinely reviewed for quality assurance



Procedures for Testing



Tracking before MU Database

- Excel spreadsheet
 - 4,983 rows, 45 columns
 - Rows: individual providers for each registration
 - Columns: variables (e.g., date started testing, status, facility info)

Excel Data File

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
	Started Testing?	Sent follow-up email for non-submission?	Date of follow-up non-submission email	If sent, date of second non-submission email	Non-responsive provider (never initiated testing)?	If yes, date sent to DHMH?	Non-responsive provider (initiated testing)?	If yes, date sent to DHMH?	Date account info emailed to provider	Date First Test	Date Started Testing	Date Prod File Recd	Method of file transfer (production)	If excluded (mon)
1														
7	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
9	No	Yes	7/6/2015											
10	No	Excluded												
13	No	Yes	7/6/2015											
14	Yes	Yes	7/6/2015							7/13/2015	7/13/2014			
38	Yes						X	9/8/2015		10/13/2014	10/13/2014			
50	Yes								9/22/2014	12/22/2014	12/22/2014	9/22/2015	SFTP	
51	No	Excluded												
54	No	Yes	7/6/2015	9/2/2015	X	10/28/2015								
	Yes	Yes	7/7/2015				X	9/8/2015	10/1/2014	1/23/2015	1/26/2015			
58														
59	No	Yes	7/6/2015	9/2/2015										
73	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
74														
75	No	Excluded												
85	Yes									4/16/2015	4/16/2015			
86	No	Excluded												
92	Yes								4/13/2015	4/14/2015	4/16/2015	9/12/2015	Upload to doc	
93	Yes								5/5/2015	5/7/2015	5/7/2015			
164	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
195	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
196	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
197	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
199	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
200	No	Excluded												
201	No	Excluded												
202	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								
213	No	Yes	7/6/2015	9/2/2015	X	9/24/2015								

MU Tracking Database

The screenshot displays the Microsoft Access 2007 interface for the 'MU_Tracking : Database (Access 2007)'. The ribbon includes 'File', 'Home', 'Create', 'External Data', and 'Database Tools'. The 'All Access Objects' pane on the left is expanded to show 'Tables', 'Queries', and 'Forms'. The 'Meaningful Use Account Management Tool' form is open, featuring a 'Go' button and three buttons for file management: 'Import List', 'Compare List', and 'Finalize List'. The status bar at the bottom indicates 'Ready' and 'Num Lock'.

MU Tracking Database

The screenshot shows the Microsoft Access interface for the 'MU_Tracking : Database (Access 2007)'. The 'Facility' form is the active window, containing various input fields for facility and provider information. A 'Summary of Events' table is displayed at the bottom, and a green 'Add New Event' button is highlighted with a red circle.

Facility Form Fields:

- FacilityID
- Old ID
- New ID
- Street
- City
- State
- Zip
- Main Contact
- Main Phone
- Main Email
- ITContact
- ITPhone
- ITEmail
- EHRname
- EHRversion
- EHRcertNo
- ReportingSpeciality

Providers Table:

Prov_NPI	ProviderName

Follow Up Details:

- Test Status: [Dropdown]
- Due Date: [Text Box]
- Responsive?: [Dropdown]

Summary of Events Table:

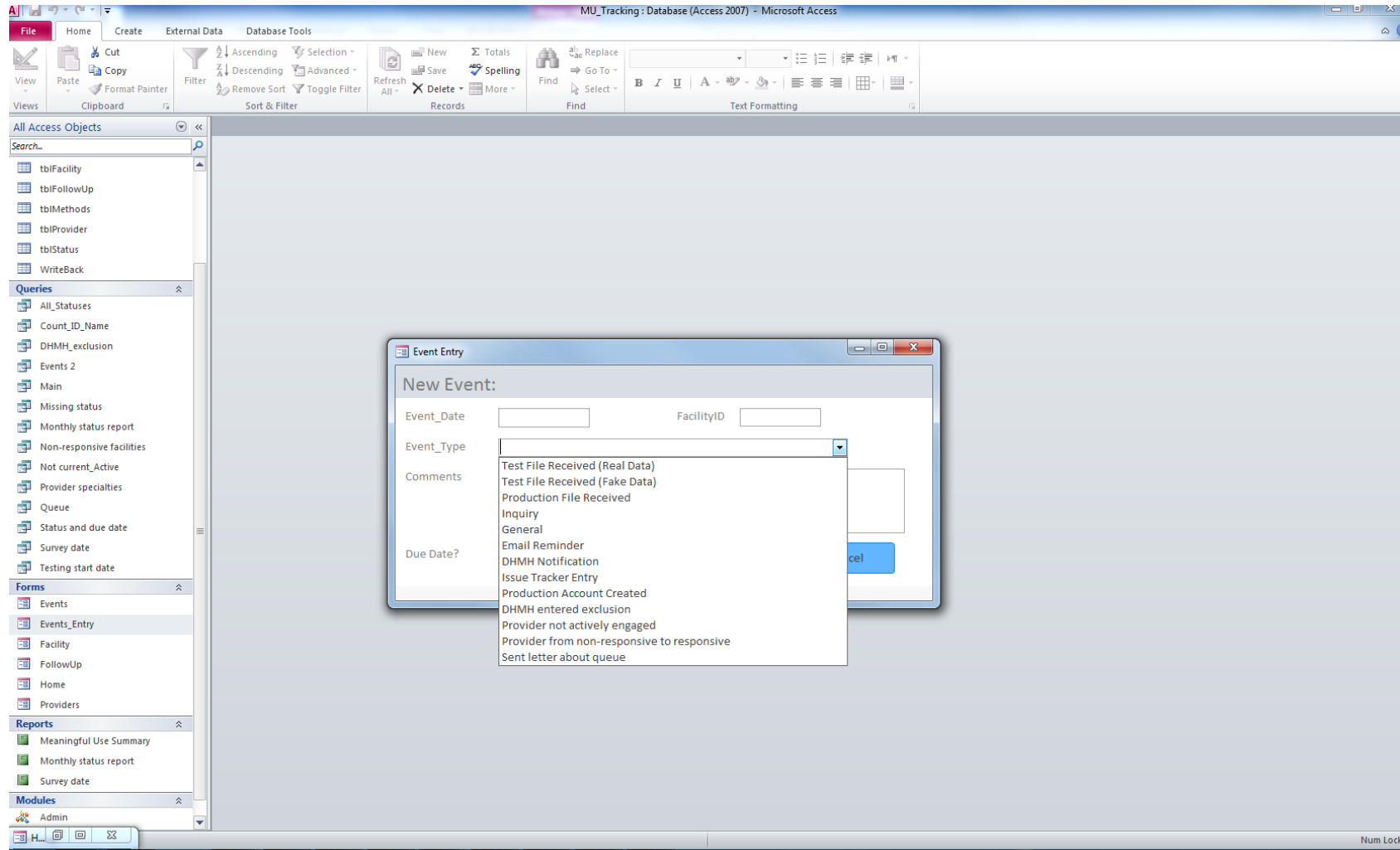
Event_Date	Event_Type	Comments
*		

Additional Form Elements:

- Status: [Dropdown]
- Return Home: [Button]
- Survey Date: [Text Box]
- Submission Method: [Dropdown]

Navigation: A green 'Add New Event' button is circled in red at the bottom of the 'Summary of Events' table.

MU Tracking Database





MU Tracking Database

- Improvements with process of identifying new EPs
- Improved time management
- Better tracking of communication and “events”
- Ability to easily run queries and generate reports

Status of Testing

Meaningful Use Summary

Meaningful Use Summary

Facility Status	Test Status
Active	
124	
	<i>Not Started</i>
	78
	<i>Passed</i>
	7
	<i>Production</i>
	3
	<i>Started</i>
	36
Excluded	
122	
	<i>Not Started</i>
	103
	<i>Started</i>
	19
Inactivated	
8	
	<i>Not started</i>
	6
	<i>Started</i>
	2
Total	254

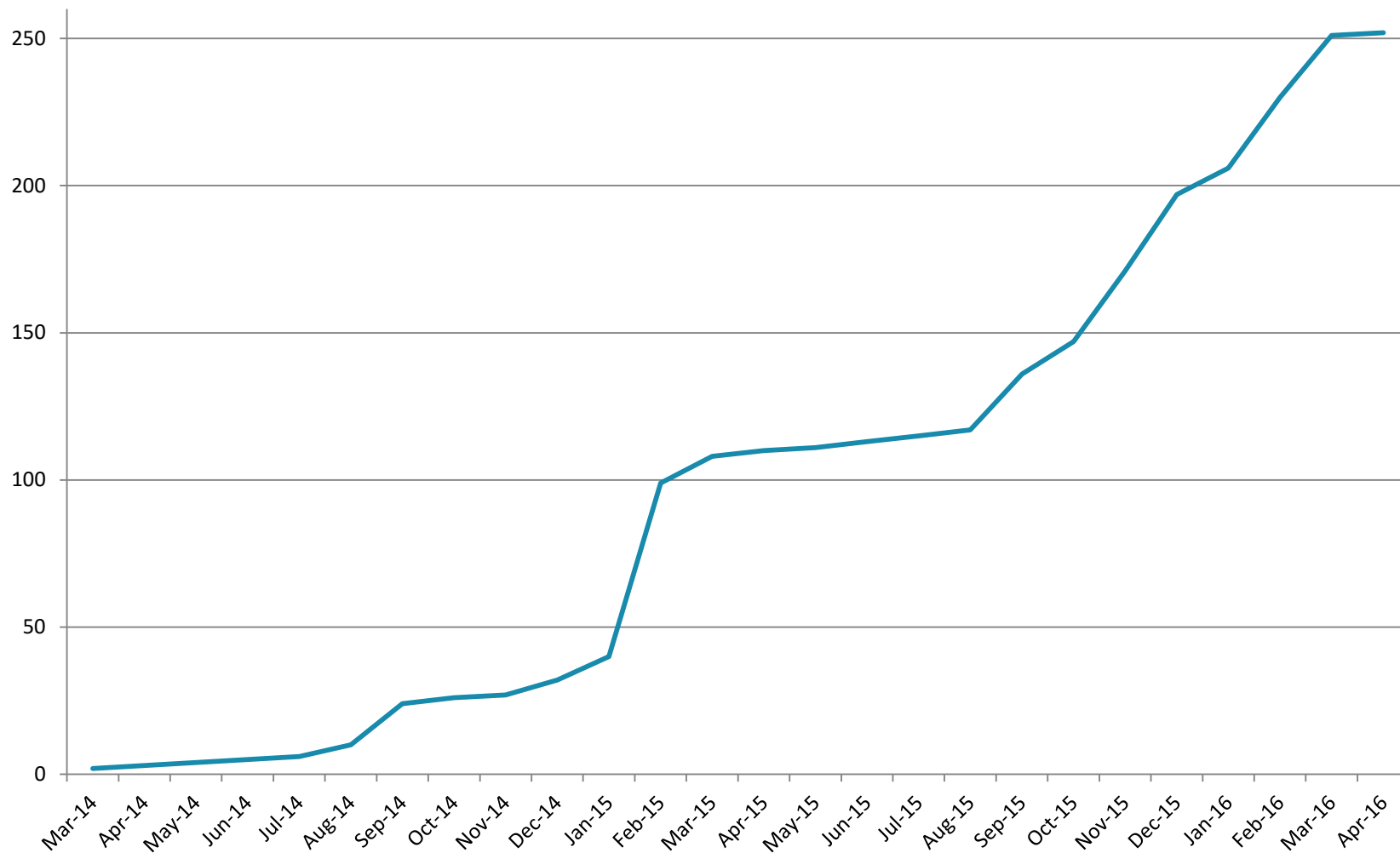
Tuesday, May 17, 2016

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Status of Testing, May 2016

- 124 Active
 - 78 not started testing
 - 36 in testing
 - 7 passed testing
 - 3 in production
- 122 Excluded
- 8 Inactivated

Total EPs Registered for MU Cancer by Month, Mar 2014-May 2016





Challenges

- Technology-driven
- Interpretation of testing results
- Missing data
- Vendor workflow
- Inquiries from providers, vendors

Next Steps

- Perform quality assurance testing on production files
- Develop procedures for exporting files out of eMaRC
- Assess impact of MU on reporting
 - Attempt matches of MU files to the registry database on a patient level
 - Conduct analysis to see if MU files contain useful information, with a specific interest in staging and treatment data

Summary and Conclusion

- Multi-faceted program
 - Technology-oriented
 - Automation
 - Cancer registration/EHR focus
- Innovative approach to increase reporting and improve data quality
- Role of registrars important
 - Monitor data
 - Quality assurance

Acknowledgements

- *Westat (Diane Ng, Serban Negoita, Dylan Holt, Erika Wilson, Krishna Hari)*
- *Maryland Cancer Registry, DHMH (Kimberly Stern, Delores Rich)*
- *Meaningful Use office, DHMH (Patricia Schwartz, Naima Garrett)*
- *CDC (Wendy Blumenthal, Lindsay Ryan)*

Thank you!