Maven STD Information Systems Users Group

August 18, 2016 1:00 – 2:00 PM ET

Thanks for joining the webinar! We will begin shortly.

Please remember to call in at:

1- 866.740.1260 : Access code 7153863

to join the Audio for this call.

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A few housekeeping items

- **Please mute your phone when not speaking**. We are keeping the lines open to allow for questions and discussion.

- If the facilitator loses web or voice connection during the presentation, please keep your video and audio connections until the facilitator reconnects.
- Please use the chat function to ask questions

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Maven User Group

- **Audience:** STD AAPPS funded grantees and other STD programs using Maven software for STD case reporting and management.
- **Purpose:** Identify and share:
  - Best practices
  - Solutions to common problems
  - Sources of technical oddslot scores assistance
  - Identify opportunities to share resources and costs
  - Dialogue with staff at CDC's Division of Sexually Transmitted Disease Prevention (DSTDP) Surveillance and Data Management Branch, National Coalition of STD Directors (NCSD) and Consilience.

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Agenda

- Welcome and Introductions – Marvin Fleming/Charlie Rabins
- Update from NCSD – Charlie
- Update from CDC Surveillance and Data Management Branch
  Marvin Fleming
- Update from Maven Vendor: Consilience - Michelle Brazel
- Project Area Presentation: Congenital Syphilis NETTS Extract and Syphilis Summary Report (Massachusetts) – MaryKate Martelon
- User Issues Discussion and Questions - Charlie
- Wrap-up and Next Steps - Charlie

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NCSD Update

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CDC DSTDP Surveillance and Data Management Branch Update

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ELC 1st Quarter Engagement Calls

	Monday	Tuesday	Wednesday	Thursday	Friday
08/01/16-08/05/16			IA 10AM	AR11AM	
08/08/16-08/12/16		HOU 11AM	KS 11AM KY 2 PM	NJ 10AM AZ 12PM	
08/15/16-08/19/16	IL 2 PM	MT 11AM	CHI 11AM CO 4 PM	AL 11AM	MD 1PM
08/22/16-08/26/16					GA 11AM CA 1 PM
08/29/16-09/02/16	ND 3 PM		ME 11AM MI 1:30PM		HI 2 PM
09/05/16-09/09/16	Holiday	MN 2 PM	DC 3PM		
09/12/16-09/16/16	DE 9:30AM	MO 3 PM CO 10:30	MS 11AM	AK 3:30PM	
09/19/16-09/23/16		NH 2PM	IN 1PM		

DSTDP Update

Consilience Update

Michelle Brazel

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Maven STD Users Group Meeting

8/18/2016

Contact: Michelle Brazel
Email: michelle.brazel@xerox.com
Office: 512-915-1737

NCSD Maven User Group Update – Maven 6.0 New Feature Highlights

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Party Configuration Changes

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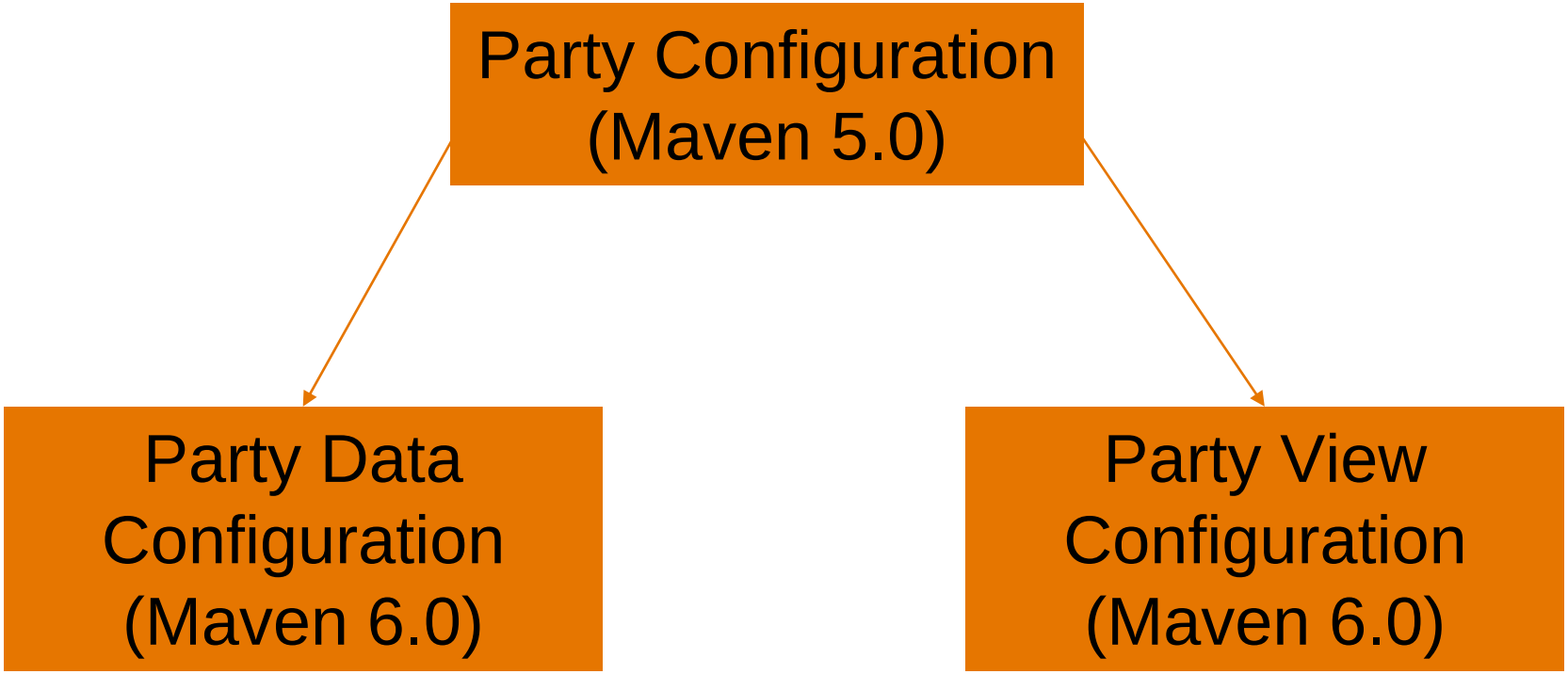
Party Configuration Split



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Party Data Configurations

- Data configurations control what party attributes exist
- They enforce attribute format
- They determine whether a property is removed by de-identification
- They specify attribute dependency
- Which data configuration is used for a party depends on the following:
  - Party Type
  - Party Category
  - Party Reference Category
  - Party De-identified Status

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Party View Configurations

- View configurations control the order of party fields
- They determine which fields are visible/editable
- They control which fields can be search criteria
- Which view configuration is used for a party depends on the product, if available

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Maven 6.0 New Features

- MVN-6660: Create user configurable preferences
  - Users now have user-specific preferences that can be configured in various places throughout the UI to customize their Maven experience.
- MVN-8954: Allow per-user configurations of the splash screen
  - The splash page is now configurable by the end user. Panes can be added, removed, collapsed or expanded. Per pane preferences are available, including title bar color. The layout of panes is also configurable.

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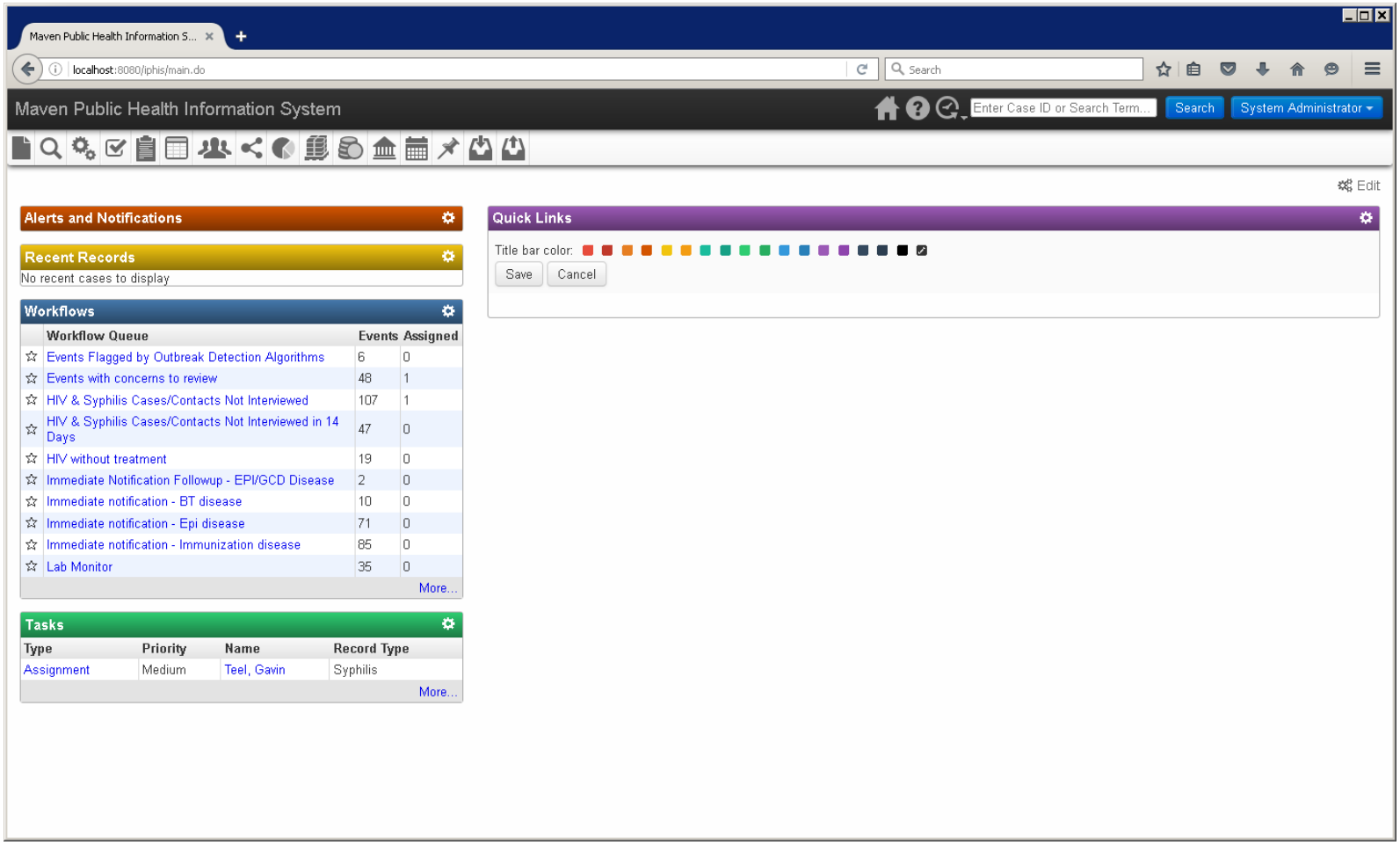

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Maven 6.0 New Features

- MVN-8567: Add navigation breadcrumbs feature to Maven
  - Maven now tracks a history of where the user has navigated to* and allows them to easily jump back to a previous page via a new history button in the toolbar. Clicking this button renders all of the allowable history options that a user can safely jump back to and is preferable over utilizing the browser back button

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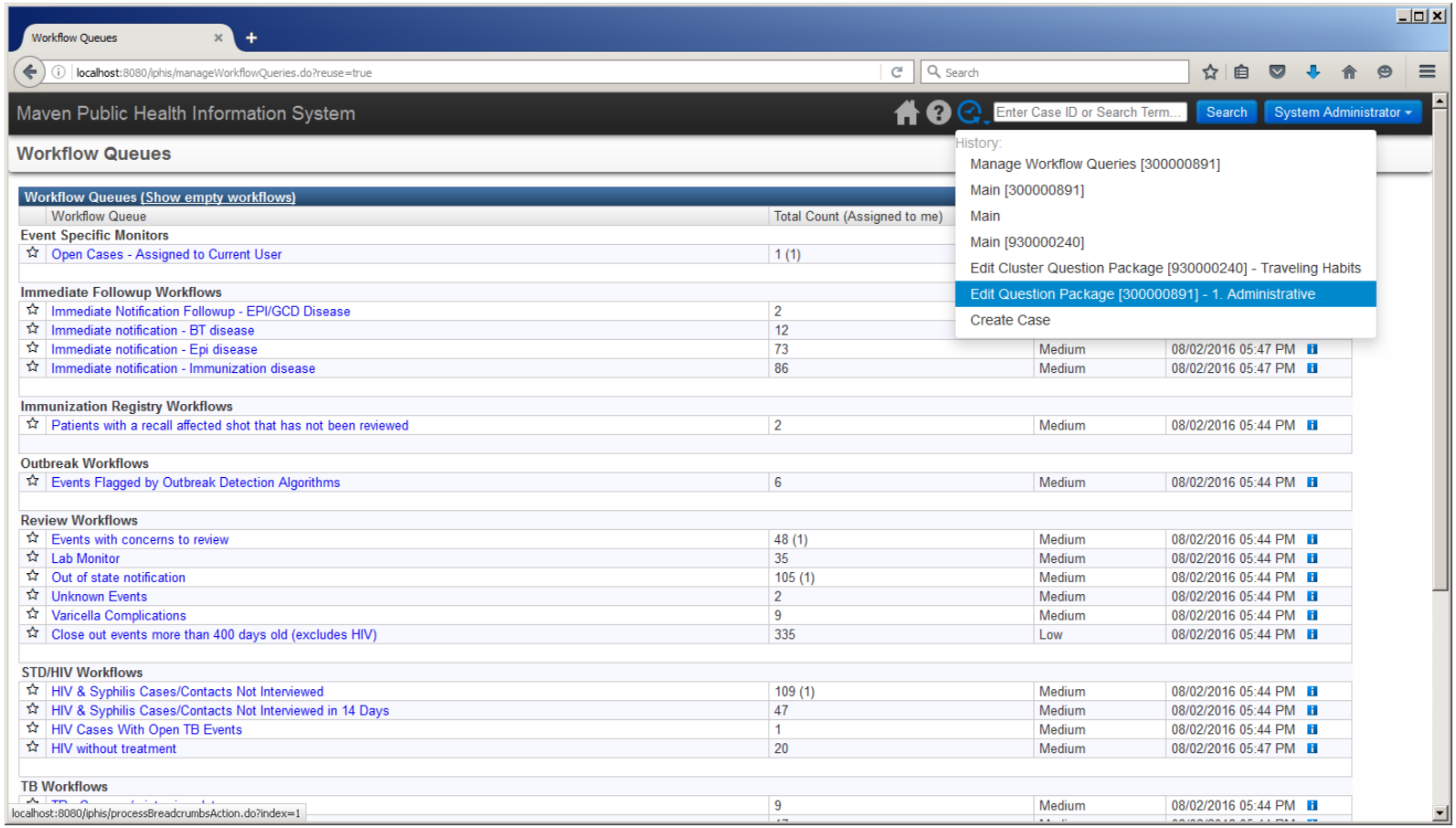

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Maven 6.0 New Features

- MVN-6784: Retain secondary case's history during deduplication
  - Case history events of the secondary case are now retained during case deduplication, and case specific history can be filtered.

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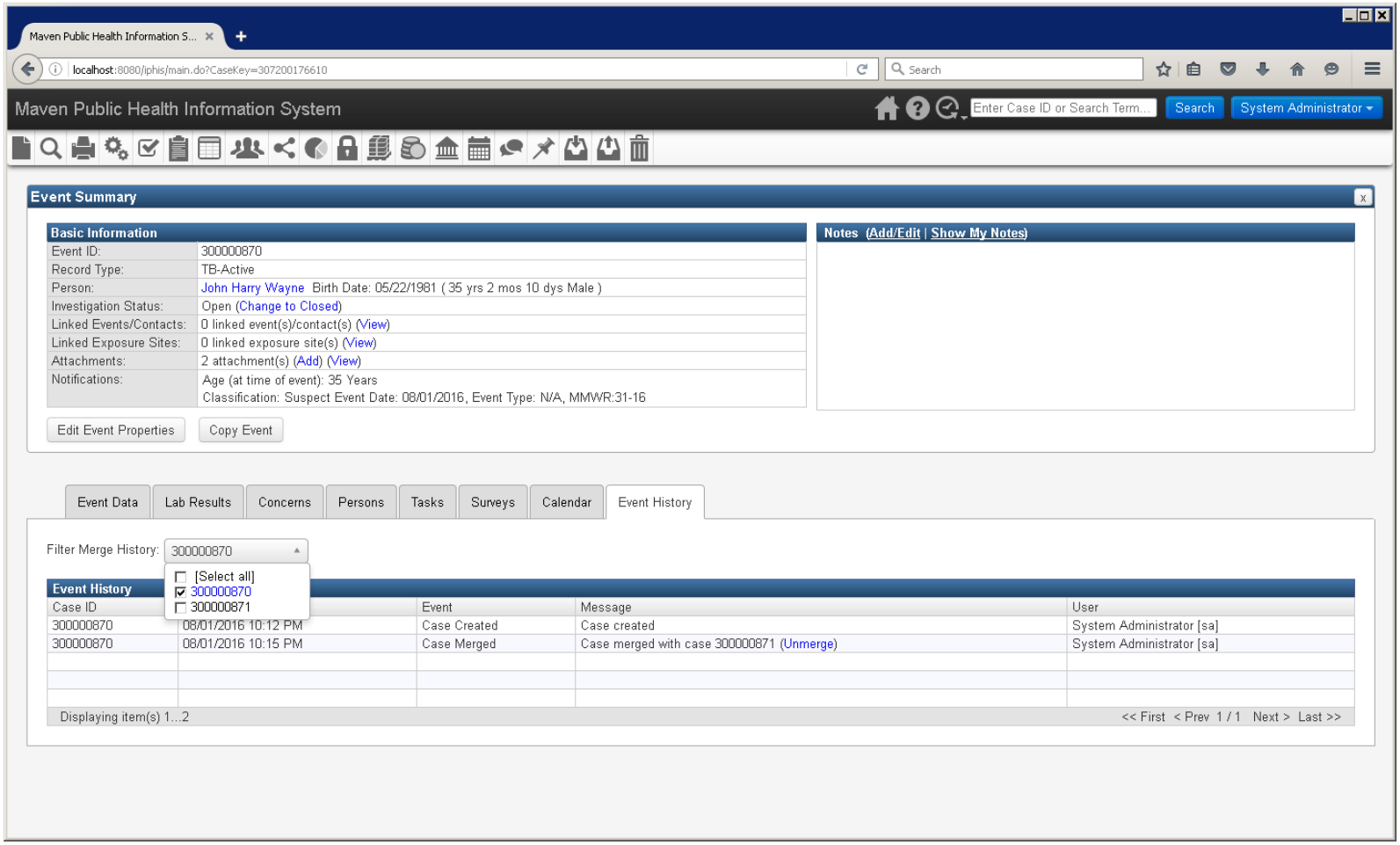

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Maven 6.0 New Features

- MVN-8360: Display Additional Information on Person Deduplication Screen
  - Party attributes are now collapsible on the person deduplication page. Furthermore, associated party data (cases, linked cases, and linked parties) have been moved from the party summary ("details") page to the person deduplication page.

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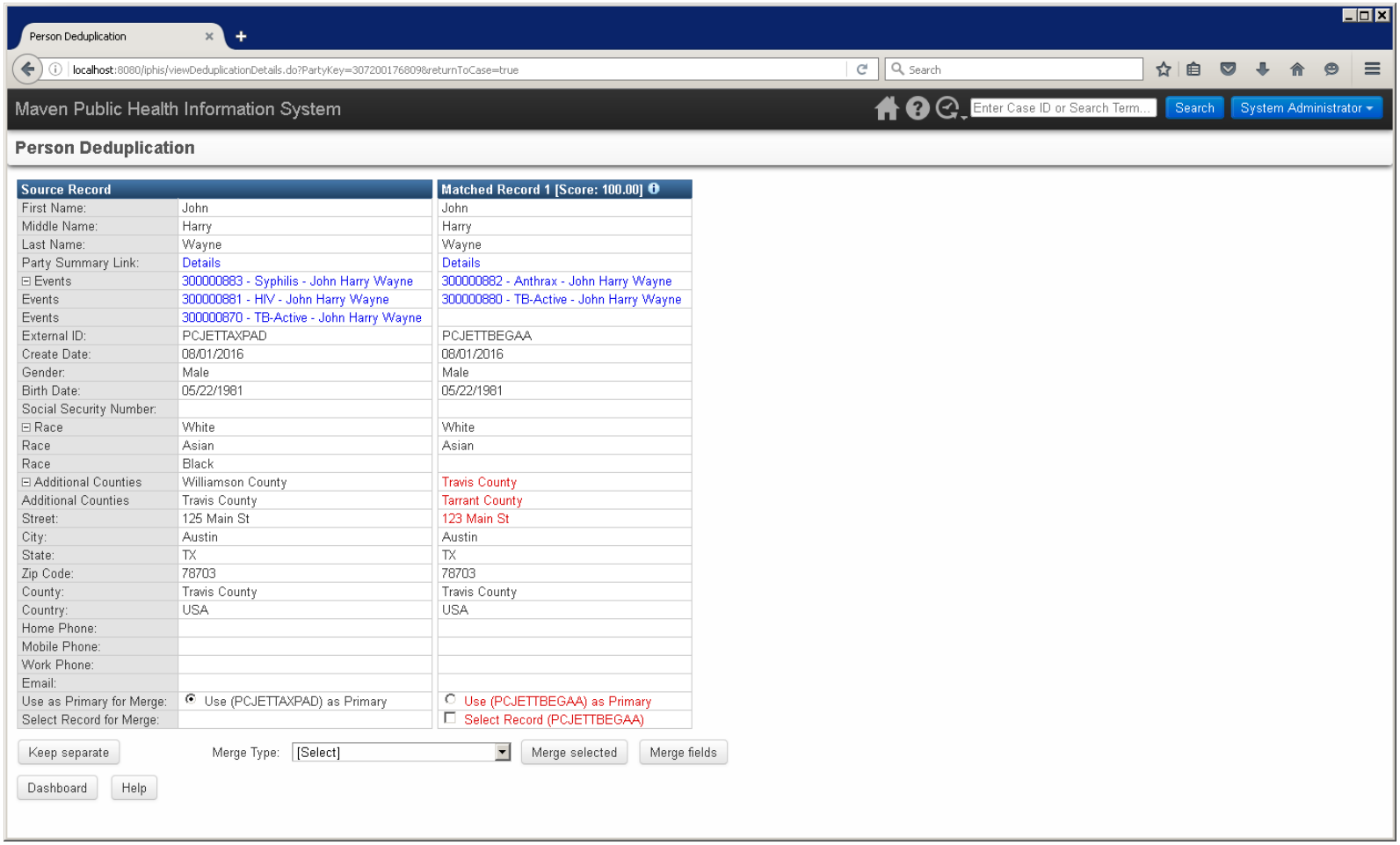

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Maven 6.0 New Features

- MVN-8367: Allow Investigation field references in Dynamic List Questions
  - DynamicList type questions can now reference investigations.

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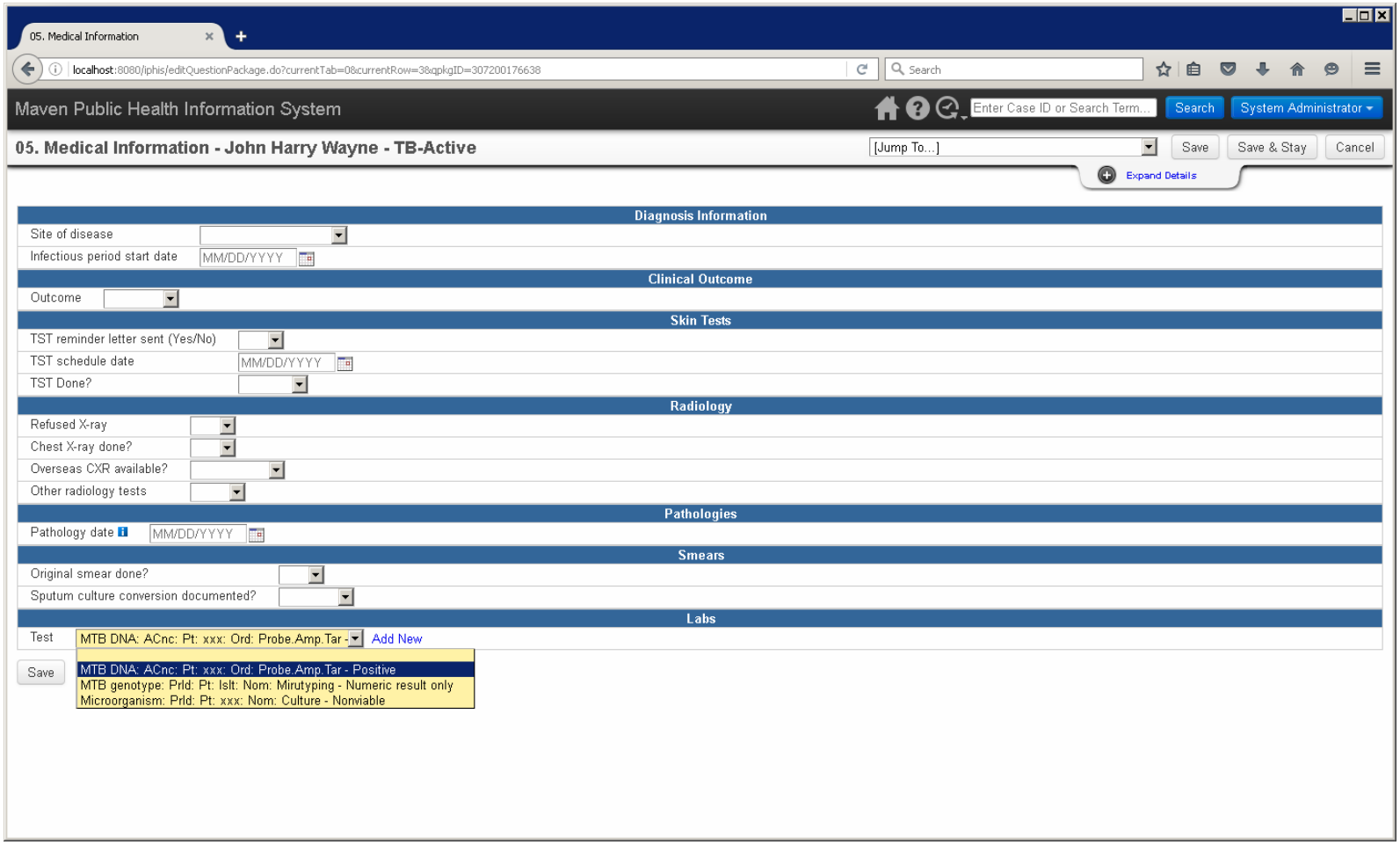

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Maven 6.0 New Features

- MVN-8364: Allow cases in workflows to be opened to data entry wizards in addition to question packages
  - Previously in workflow question package mappings, users would only be allowed to select question packages. Now users are allowed to select virtual question packages as well. A new tree structure has been designed so it is easier for users to navigate to the question packages they want to select.

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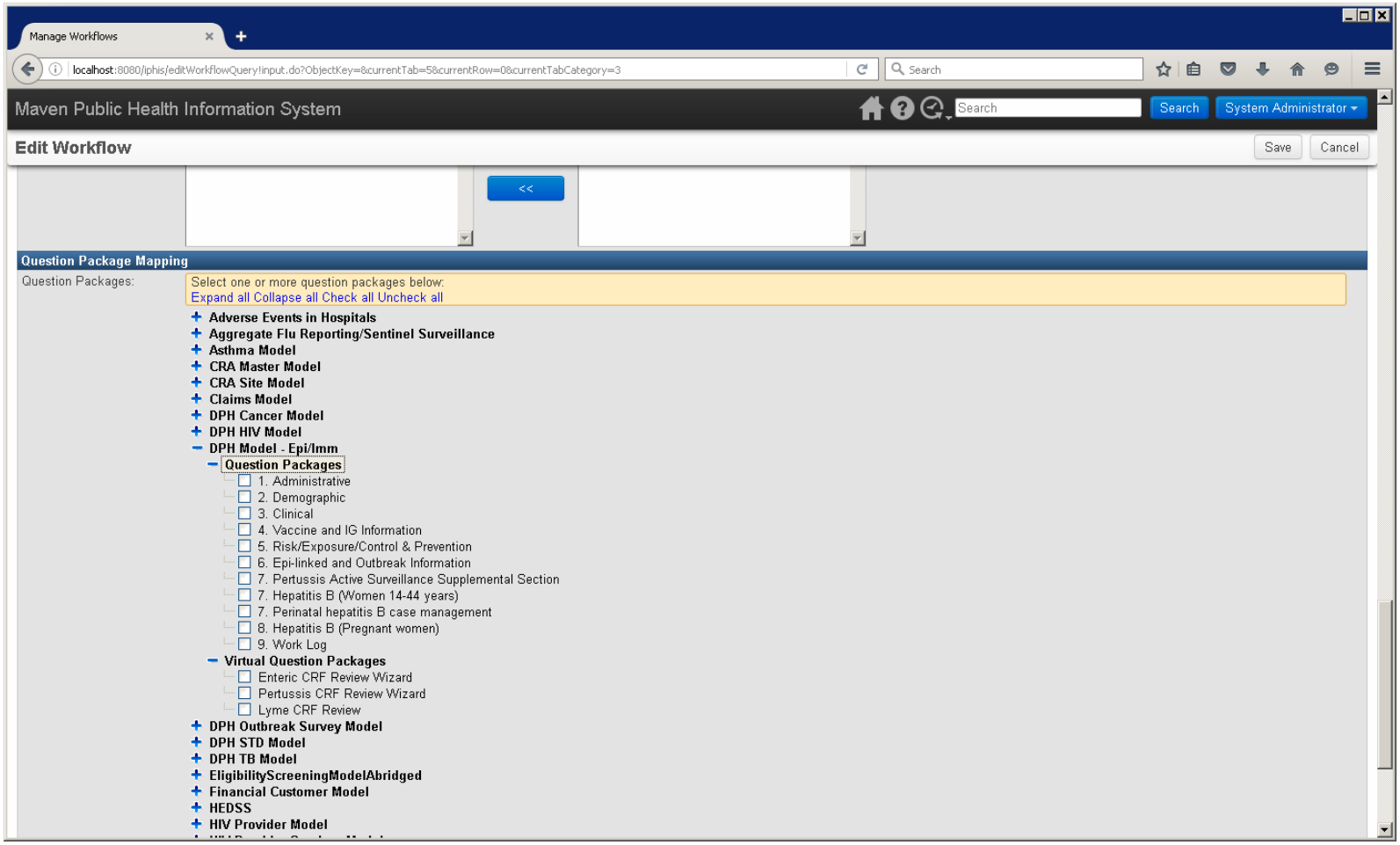

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Maven Roadmap

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Maven Roadmap

What's the plan for the future of Maven?

- Mobile access capability for most common end user pages – 6.x
- R integration for built-in statistical analysis – 6.x
- Stand-alone provider portal functionality – 6.x
- Redesigned model manager – 7.x
- More powerful advanced search (leveraging ElasticSearch) – 7.x
- Expression engine overhaul including full language grammar – 7/8?

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Questions

Contact: Michelle Brazel
Email: michelle.brazel@xerox.com
Office: 512-915-1737

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Project Area Presentation

Massachusetts – MaryKate Martelon

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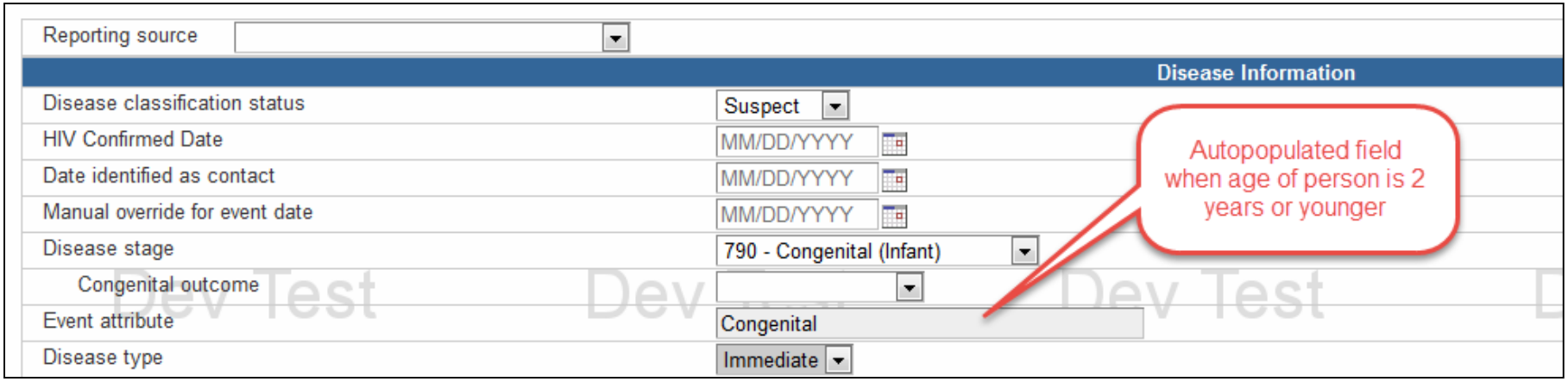
Congenital Syphilis NETSS Extract and Syphilis Summary Report for Massachusetts

MaryKate Martelon, MPH
Surveillance Epidemiologist
Office of Integrated Surveillance and Informatics Services
Bureau of Infectious Disease and Laboratory Sciences

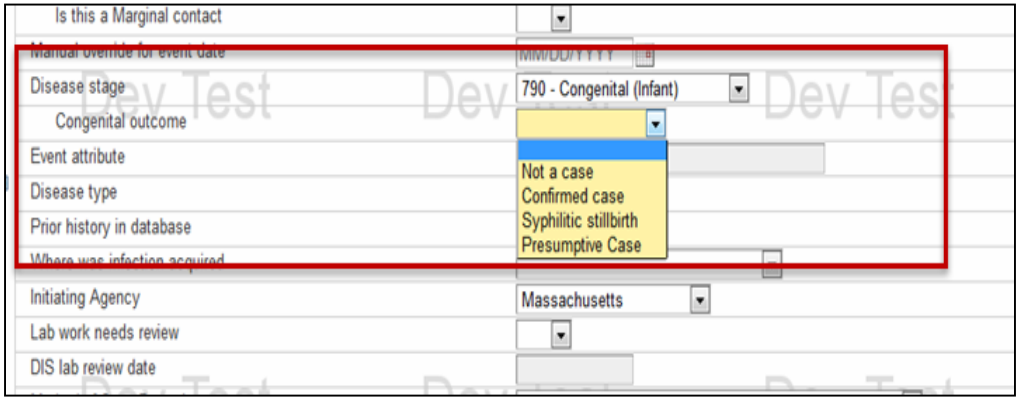
Congenital Syphilis: NETSS Extract

- Every Sunday night, a script is automatically run on all MAVEN events within the specified timeframe (currently January 2016-current date) and have been updated since the last extract
- A txt file is created
- This txt file is then uploaded to SAMS every Tuesday by MaryKate Martelon

Congenital Syphilis: NETSS Extract (MAVEN)



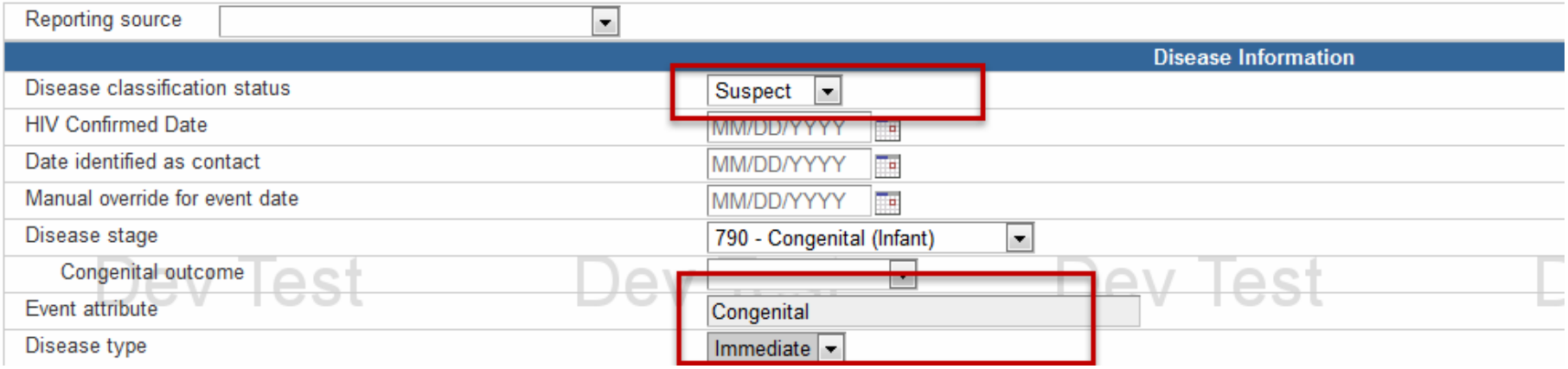
About 90% of our labs come in via ELR. As soon as the event is created, this event attribute is populated. Once this event attribute is populated, the event flows into a workflow for field follow-up.



When disease stage = 790, a child question appears that includes the congenital outcomes.

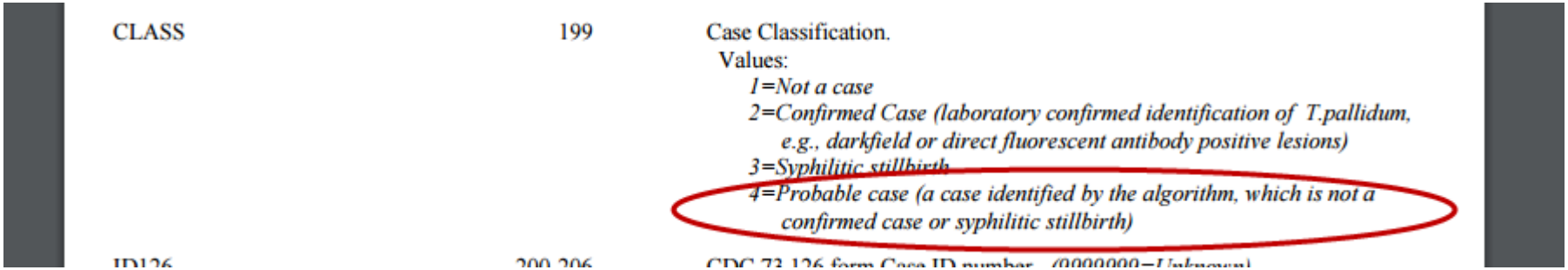
Congenital Syphilis: NETSS Extract

- All cases that are identified as congenital cases, regardless of disease status are currently being sent in the NETSS extract.



Congenital Syphilis: NETSS Extract: Problems Encountered

- Suspect congenital syphilis cases without an identified outcome are being sent with a class status of 4 in column 199.
- Unlike all other STIs, congenital syphilis cases should not be sent regardless of disease status (suspect, probable, confirmed).



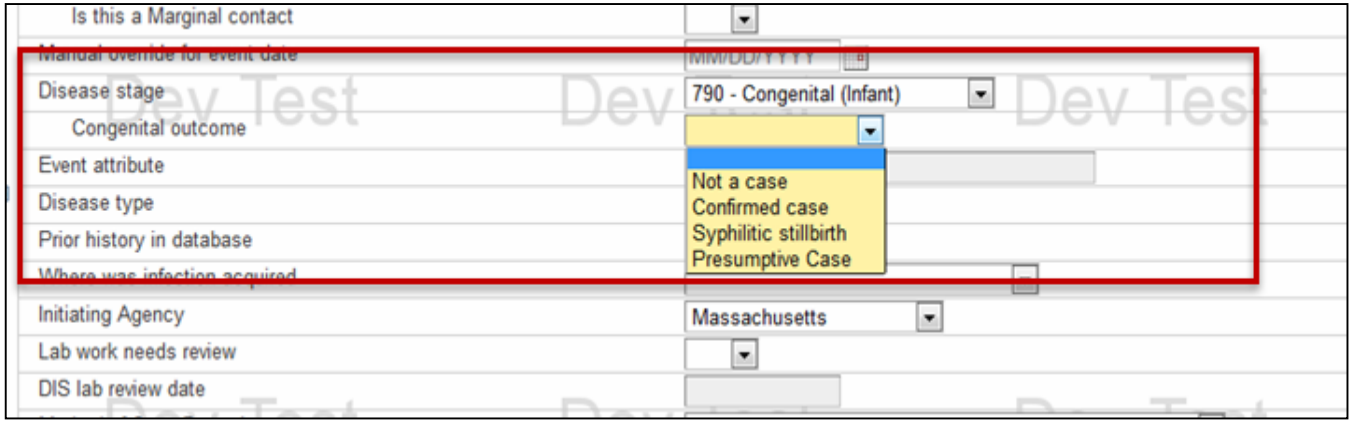
CLASS	199	Case Classification. Values: *1=Not a case* *2=Confirmed Case (laboratory confirmed identification of T.pallidum, e.g., darkfield or direct fluorescent antibody positive lesions)* *3=Syphilitic stillbirth* *4=Probable case (a case identified by the algorithm, which is not a confirmed case or syphilitic stillbirth)*
ID126	200-206	CDC 73.126 form Case ID number (0000000=Unknown)

Congenital Syphilis: NETSS Extract: Problems Encountered

- Uploaded files were not being treated as year-to-date files.
  - Revoked, deduped, deleted cases were not deleted on the CDC side
- Ramifications:
  - CDC has an inflated number of STIs in comparison to MA total

Congenital Syphilis: NETSS Extract: Lessons Learned

- When uploading the txt file to SAMS, one must specify that the file is a year-to-date file and include text that states this fact as well
- Updating NETSS algorithm to only send those congenital cases with an identified congenital outcome (projected fall 2016)



Syphilis Risk Factor Tracking Report

Report Parameters include: event date, gender, disease stage, and county

Syphilis Risk Factor Tracking

Report period: 01/01/2016 - 06/01/2016

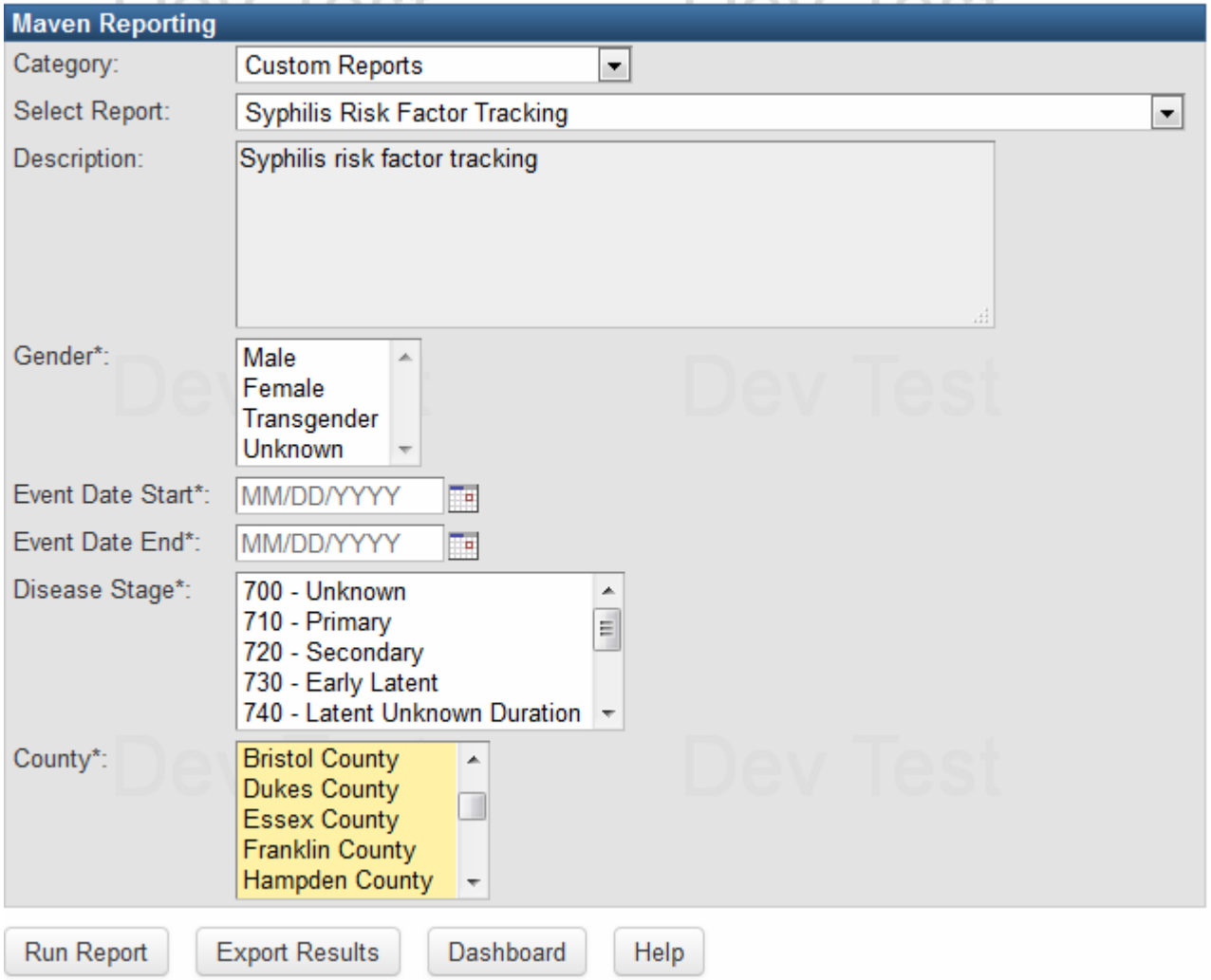
Gender: MALE,FEMALE,TRANSGENDER,UNKNOWN
Disease Stage: 710 - Primary,720 - Secondary,730 - Early Latent
County: Barnstable,Berkshire,Bristol,Dukes,Essex,Franklin,Hampden,Hampshire,Middlesex,N/A,Nantucket,Norfolk,Plymouth,Suffolk,Worcester

The data in this report contain confidential information and are for internal use only.
The data are current as of 08/16/2016 and are subject to change.

Variable	Total for time period	Total for year to date	Total for same time period last year
Classification Status			
Confirmed	2	2	1
Probable	410	410	282
Suspect	7	7	0
Revoked	1	1	2
Contact	47	47	36
Disease Stage			
Primary	69	69	54
Secondary	137	137	94
Early Latent	213	213	137
Congenital	N/A	N/A	N/A
Other	N/A	N/A	N/A
Age			
<15	0	0	0
15-19	11	11	7
20-24	70	70	52
25-35	151	151	102
36-50	124	124	88
>50	63	63	36
Race			
Black/African American	83	83	42
White	210	210	171
Other	81	81	52
Unknown	35	35	49
Missing	44	44	23

Able to compare counts from current time period to same time period the previous year

Syphilis Risk Factor Tracking Report



Syphilis Risk Factor Tracking Report

Sex Partner Risk			
MSM	241	241	196
MSW	45	45	16
MSMW	19	19	13
MST	0	0	0
MSMT	0	0	2
MSWT	0	0	0
MSMWT	0	0	0
WSM	28	28	22
WSW	0	0	0
WSMW	0	0	0
WST	0	0	0
WSMT	0	0	0
WSWT	0	0	0
WSMWT	0	0	0
TSM	0	0	0
TSW	0	0	0
TST	0	0	0
TSMW	0	0	0
TSMT	0	0	0
TSWT	0	0	0
TSMWT	0	0	0
Other Sex Risk Indicated			
Multiple partners	122	122	84
Oral sex	174	174	143
Vaginal sex	57	57	34
Anal sex	149	149	117
Receptive anal sex	100	100	90
Sex with known MSM	0	0	1
Condom Use			
Always	3	3	3
Always - except oral	18	18	32
Anonymous contacts only	2	2	4
Sometimes	140	140	105
Never	55	55	35
Unknown	64	64	18
Missing	137	137	88

Syphilis Risk Factor Tracking Report

Other Risks			
Met contacts online	93	93	80
Exchanged drugs or money for sex	7	7	13
Sex while high or intoxicated	67	67	64
Used drugs	71	71	56
Used injection drugs	10	10	11
Used Meth	19	19	14
Incarcerated past year	7	7	8
Travel outside of MA	58	58	49

- Report is reviewed on a bi-weekly basis by staff epidemiologists and field supervisors
- It gives a nice “high-level” view of risk factors
- Helps MDPH monitor whether there is a geographical location or a risk that may be outside of our routine concerns

Thank you

Contact info:

marykate.martelon@massmail.state.ma.us

General Discussion
User Issues and Questions

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Next Steps and Action Items

- Email Charlie at crabins@ncsddc.org with:
  - Completed/Corrected Info from User Group Contact List
- Email Charlie and Marvin:
  - Topics or Discussion Questions for Future Meetings
- Use and Promote NPIN Site
  - Post Resources
  - Ask and Respond to Questions
- A link to the audio recording and slides from Today's Presentation will be posted on NPIN in the PRISM Users Group within the next week

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Thanks for Participating

- Please email Charlie Rabins crabins@ncsddc.org or Marvin Fleming mqf6@cdc.gov with comments or suggestions for improving the user group.

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