ImmPact Blood Lead Module: How to Report In-Office Test Results

Childhood Lead Poisoning Prevention Unit

Maine Center for Disease Control and Prevention

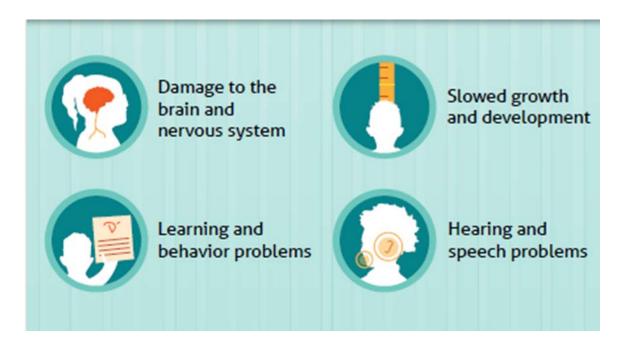


Training Topics

- Brief Refresher on Lead Poisoning
 - Health Effects, Children at Risk, Maine CDC Interventions
- Maine's New Blood Lead Testing Laws
- Role of the Provider
- Using the Blood Lead Module in ImmPact, *including how to*:
 - Access patient demographic information and the module
 - Review blood lead testing requirements and recommendations
 - Review blood lead history and individual test results
 - Enter Lead Care II test results performed in your office
 - Run reports to identify patients in need of testing

Health Effects of Lead in Children

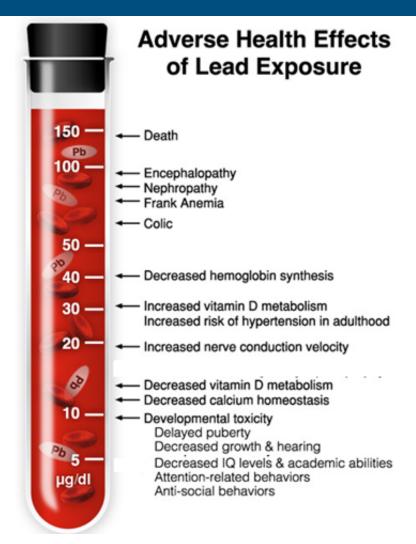
• Even low blood levels of lead place children at risk for adverse health effects.



• In 2018, an estimated 350 Maine children under age 6 had blood lead levels above 5 μg/dL.

Health Effects of Lead in Children

While rare, at higher blood levels of lead, children are at risk for additional health effects, including seizures, coma and death at very high levels.



Which Children are at Risk for Lead Poisoning?

Children living in homes built before 1950 are at highest risk for lead exposure. Deteriorated lead paint and resulting lead dust pose the greatest risk, but even intact paint may be a risk for some children.







Maine Department of Health and Human Services

Other Risk Factors for Lead Poisoning

- Children whose parents work in lead related industries are at risk from "take home" lead.
- Lead from plumbing sources may contaminate drinking water.
- Some cultural or dietary practices may expose children to lead.





Maine Department of Health and Human Services



DHHS Provides Services Based on "Confirmed" Blood Leads > 5 mcg/dL

- Children may be screened for lead poisoning with either a capillary or a venous blood test.
- Capillary tests are more likely than venous tests to be contaminated from lead on the child's skin or from the testing environment.
- An elevated capillary test must be <u>confirmed</u> with a venous blood lead test to determine if a child actually has lead poisoning.

When a Lead Poisoned Child is Identified, DHHS Inspects Dwellings for Hazards







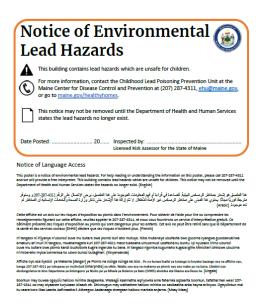


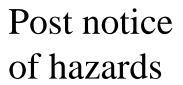


Test for lead in paint, dust, water, soil

Maine Department of Health and Human Services

If inspections find lead hazards, DHHS must:







Relocate family if needed



Order removal of lead hazards

Universal Blood Lead Testing Mandate 2019

Recognizing the importance of identifying children with lead poisoning in order to provide them with DHHS services to reduce their lead exposure, in 2019, the Maine State Legislature mandated that health care providers test all 1- and 2-year-olds for lead poisoning.

APPROVED

CHAPTER

JUNE 27, 2019

479

BY GOVERNOR

PUBLIC LAW

Role of Providers

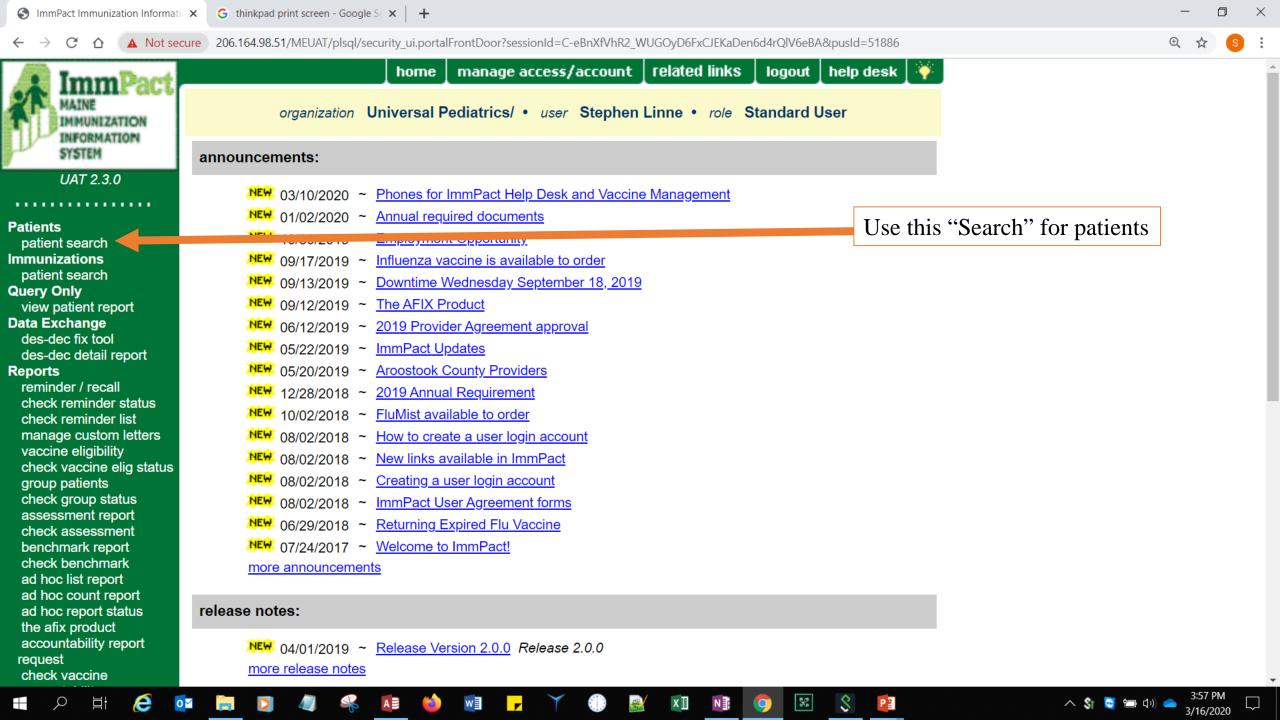
- Test all 1- and 2-year-olds for blood lead.
- Follow Maine CDC guidelines for testing at 3, 4, and 5 years.
- Confirm elevated capillary results.
- Follow-up elevated venous results to make certain DHHS actions have been successful in reducing blood lead levels.

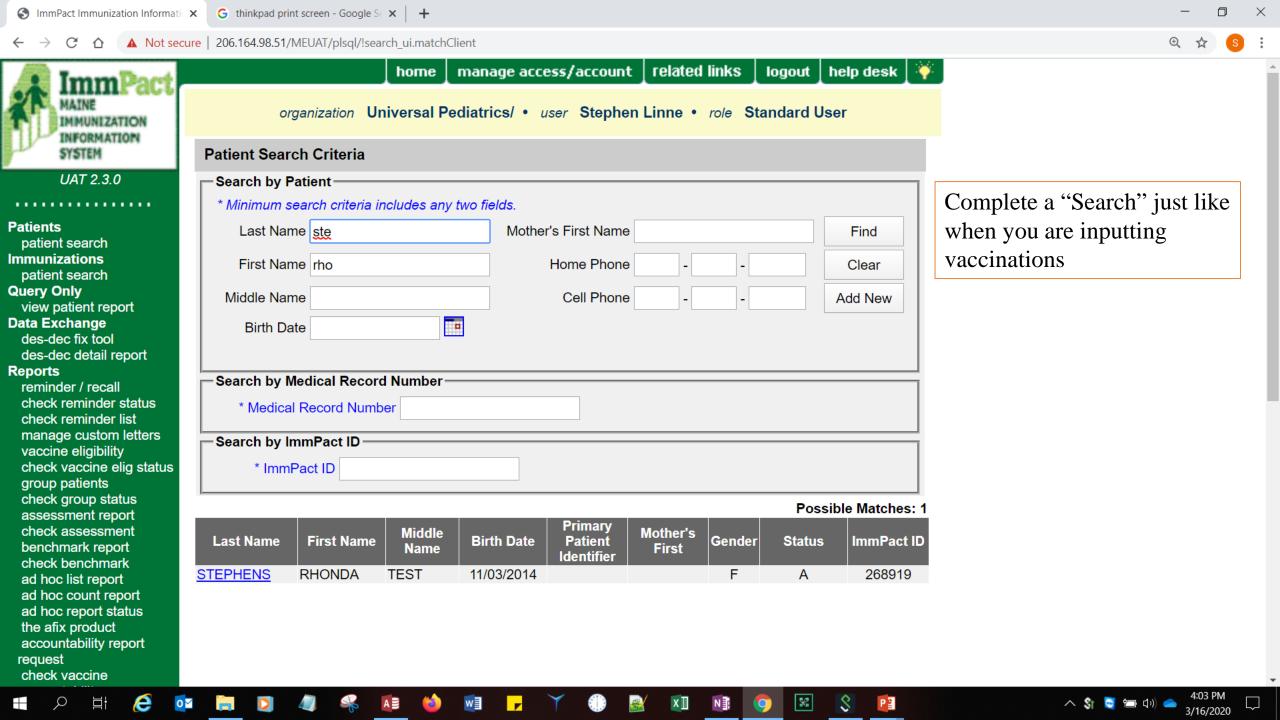


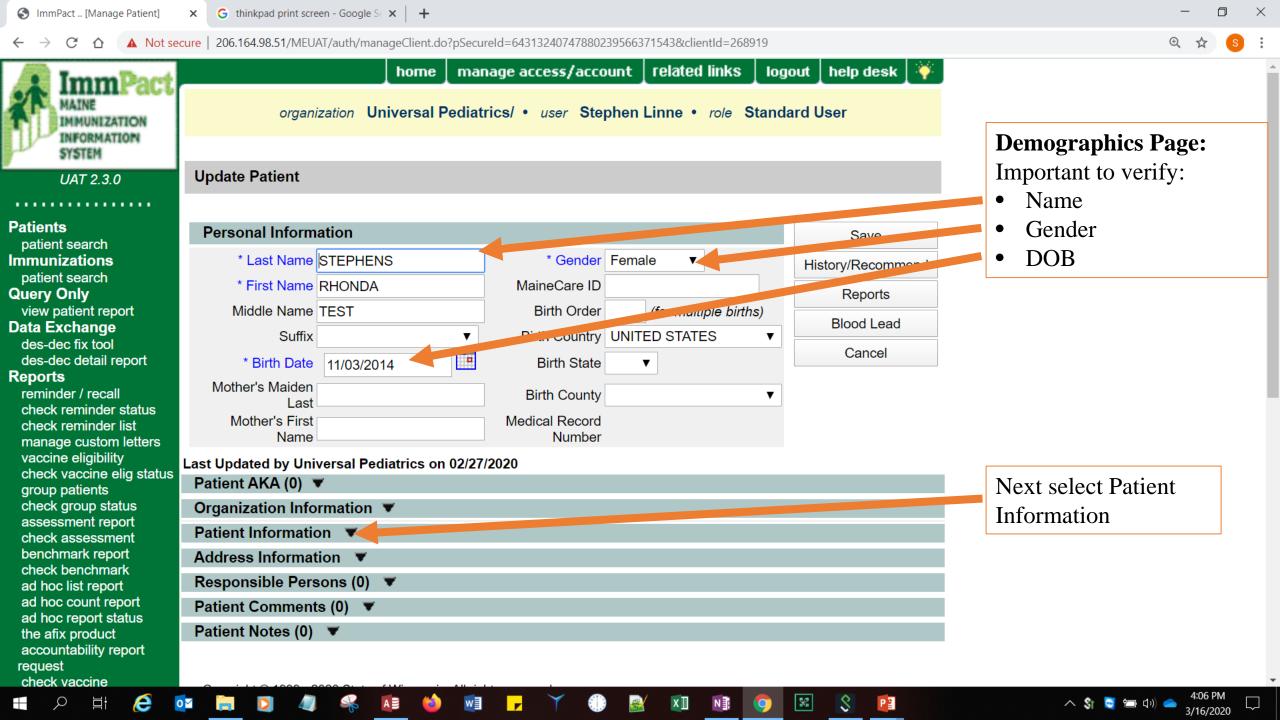
For More Information about Blood Lead Testing and DHHS Services for Lead Poisoned Children

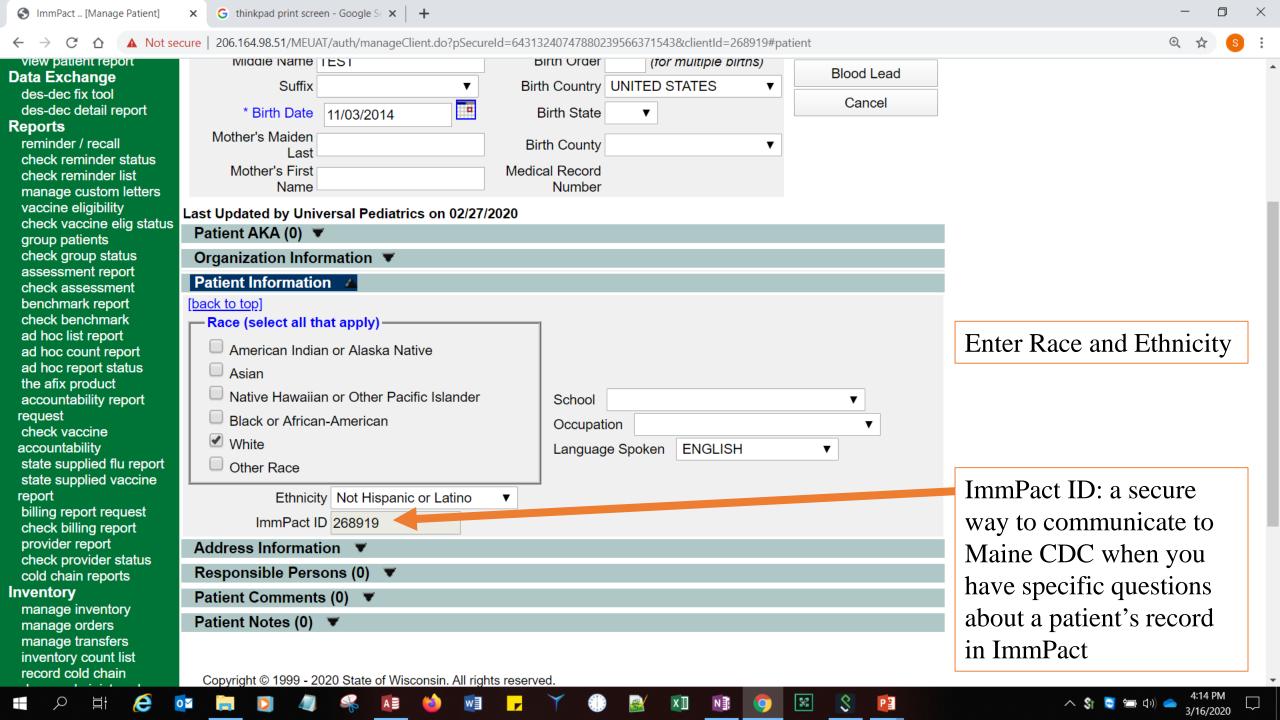
- Maine CDC Website:
 - https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/lead/providers.shtml
- Maine CDC Childhood Lead Poisoning Prevention Unit
 - Sandra Dempsey, RN, Nurse Education Consultant
 - 287-8671; Sandra.Dempsey@maine.gov

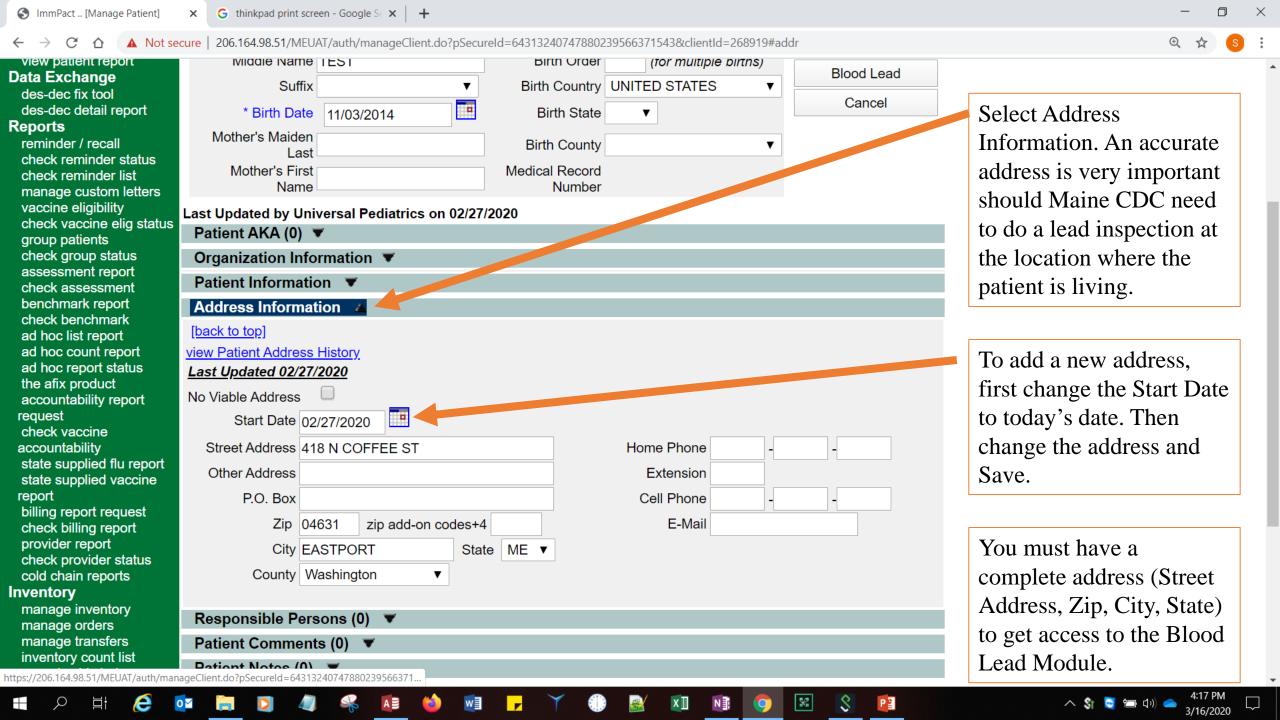
How to Use the Blood Lead Module in ImmPact to Report In-Office Blood Lead Tests

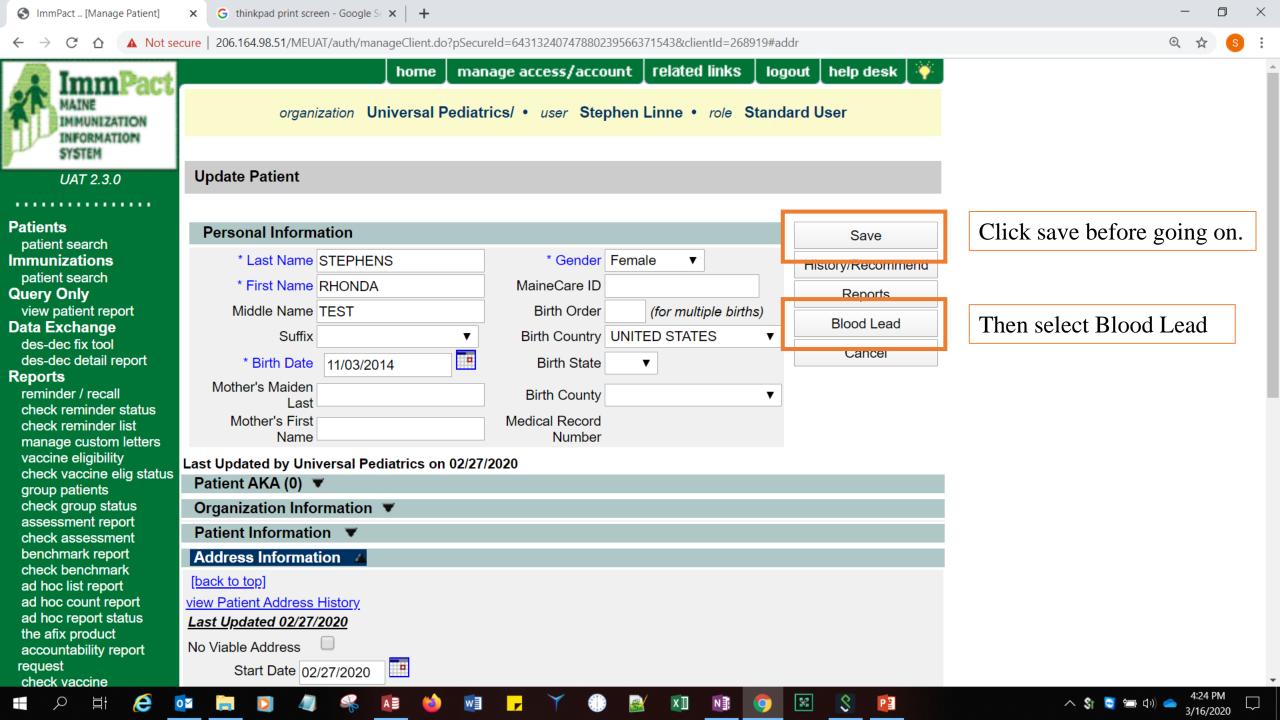


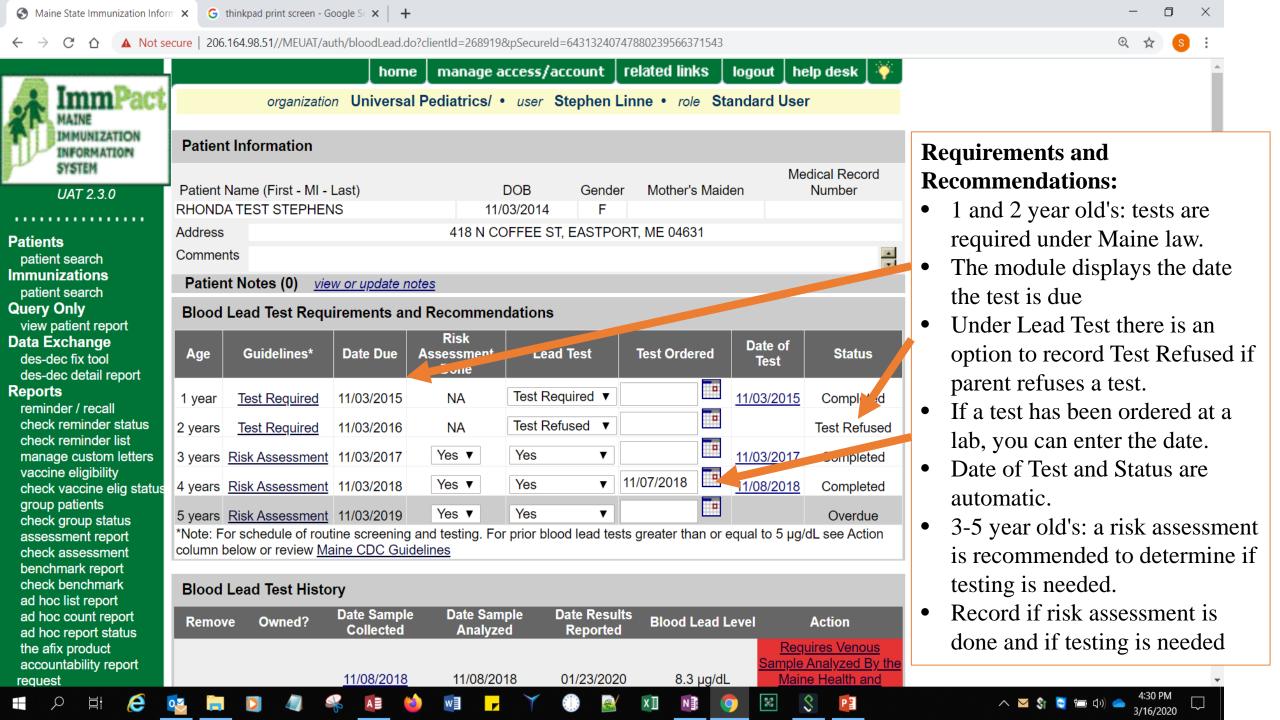


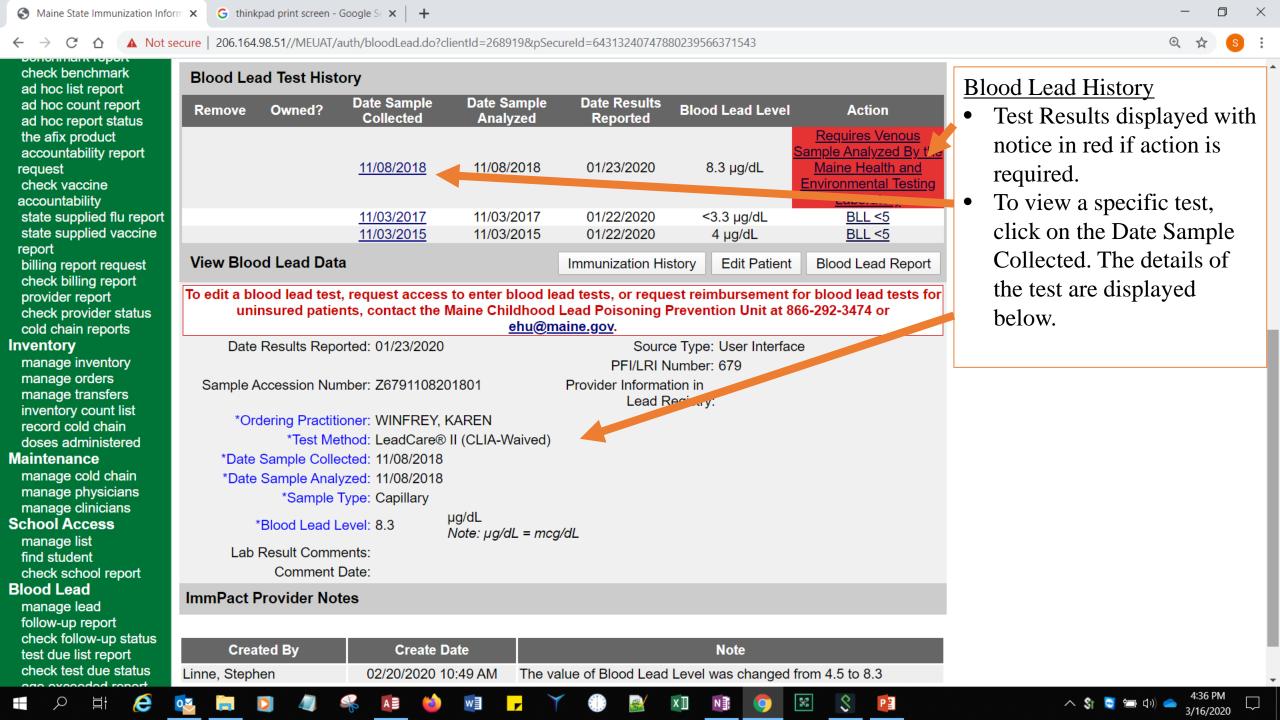


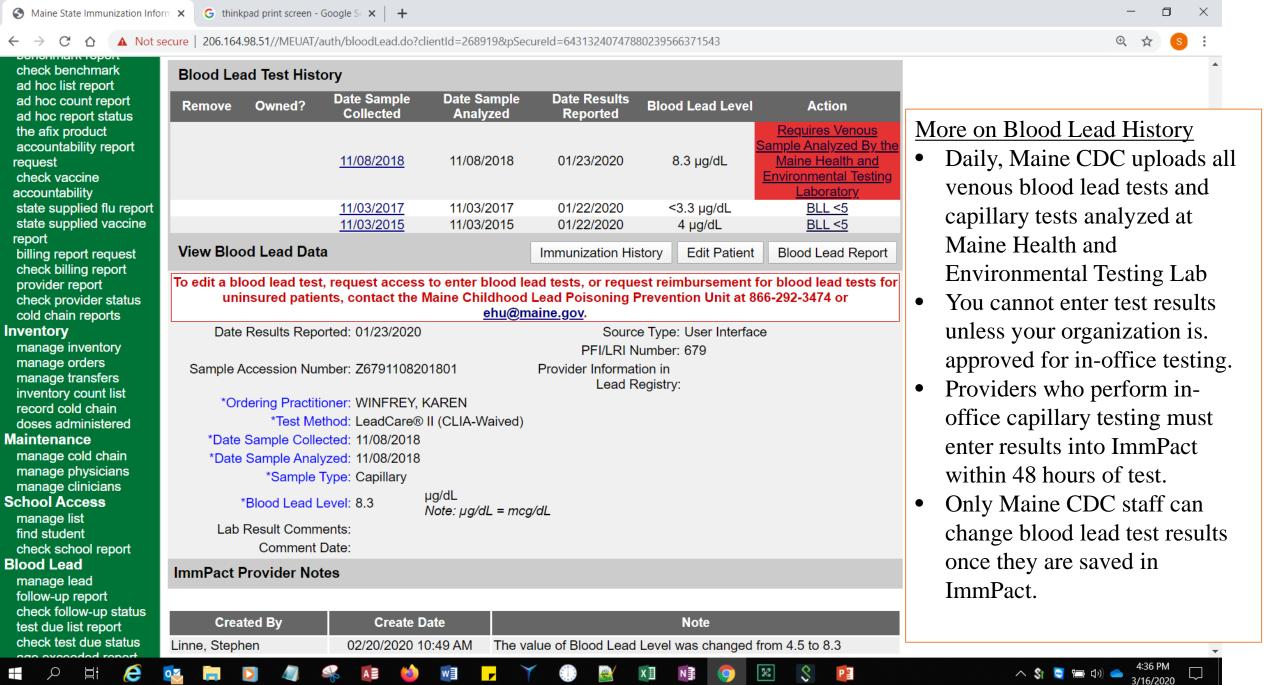








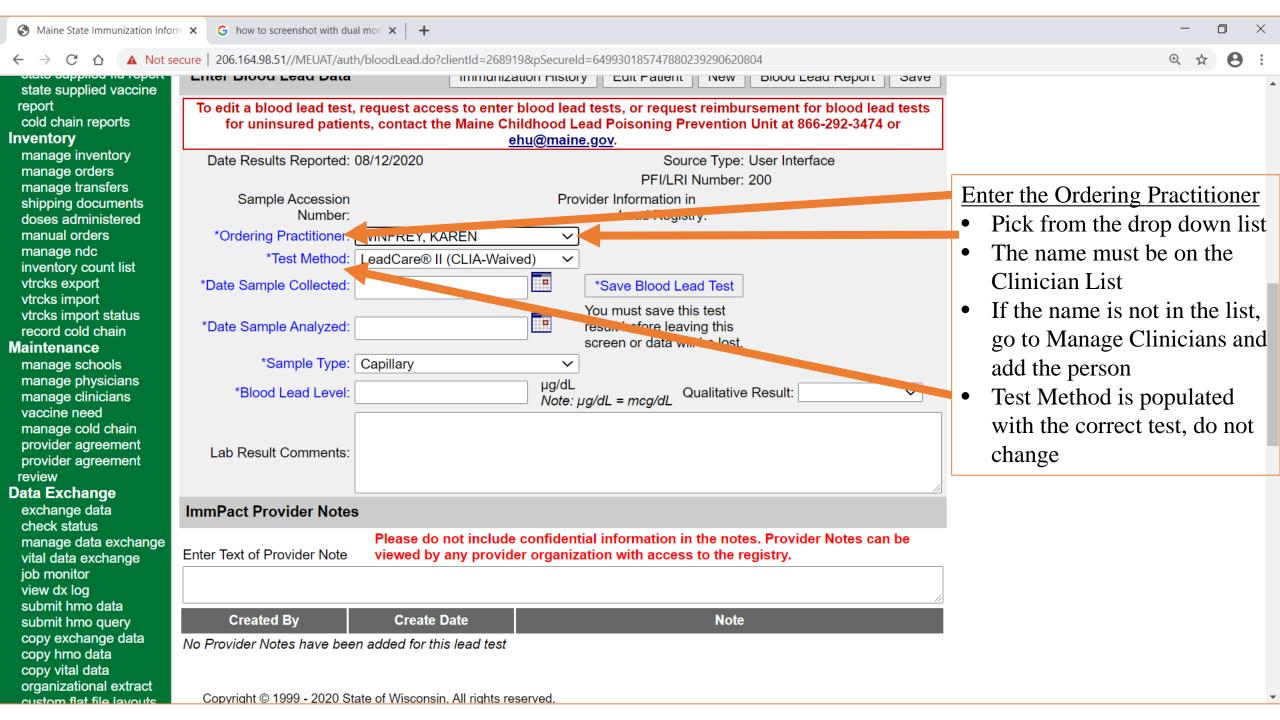


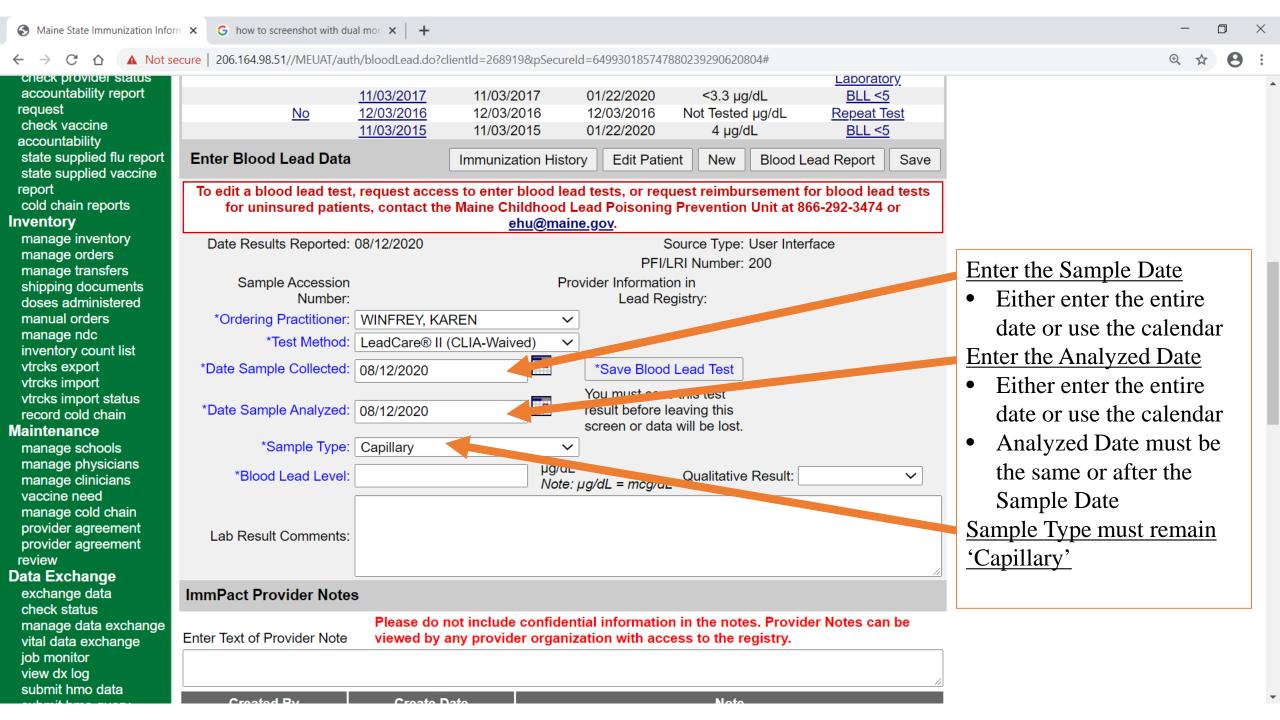


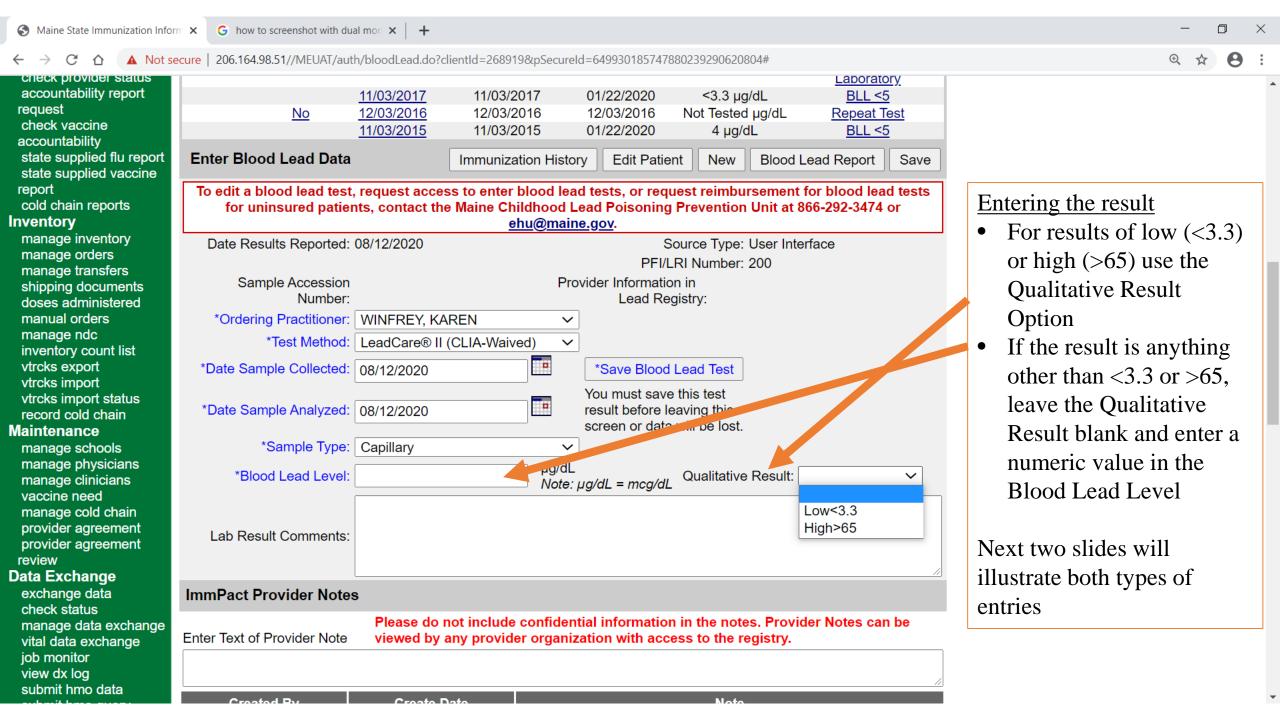
LIILEI DIOOU LEau Dala IIIIIIIUIIIZAUOII MISIOLY EUIL FalleIIL | New DIOOU LEAU REPORT state supplied vaccine report To edit a blood lead test, request access to enter blood lead tests, or request reimbursement for blood lead tests cold chain reports for uninsured patients, contact the Maine Childhood Lead Poisoning Prevention Unit at 866-292-3474 or Inventory ehu@maine.gov. manage inventory Date Results Reported: 08/12/2020 Source Type: User Interface manage orders PFI/LRI Number: 200 manage transfers Sample Accession Provider Information in shipping documents Number: Lead Pogiatr doses administered manual orders *Ordering Practitioner: \sim manage ndc *Test Method: LeadCare® II (CLIA-Waived) \checkmark inventory count list • vtrcks export *Date Sample Collected: *Save Blood Lead Test vtrcks import You must save this test vtrcks import status *Date Sample Analyzed: result before leaving this record cold chain screen or data will be lost. Maintenance *Sample Type: | Capillary manage schools manage physicians µg/dL *Blood Lead Level: Qualitative Result: manage clinicians Note: µg/dL = mcg/dL vaccine need manage cold chain provider agreement Lab Result Comments: provider agreement review Data Exchange exchange data **ImmPact Provider Notes** check status Please do not include confidential information in the notes. Provider Notes can be manage data exchange Enter Text of Provider Note viewed by any provider organization with access to the registry. vital data exchange job monitor view dx log submit hmo data **Created By Create Date** Note submit hmo query

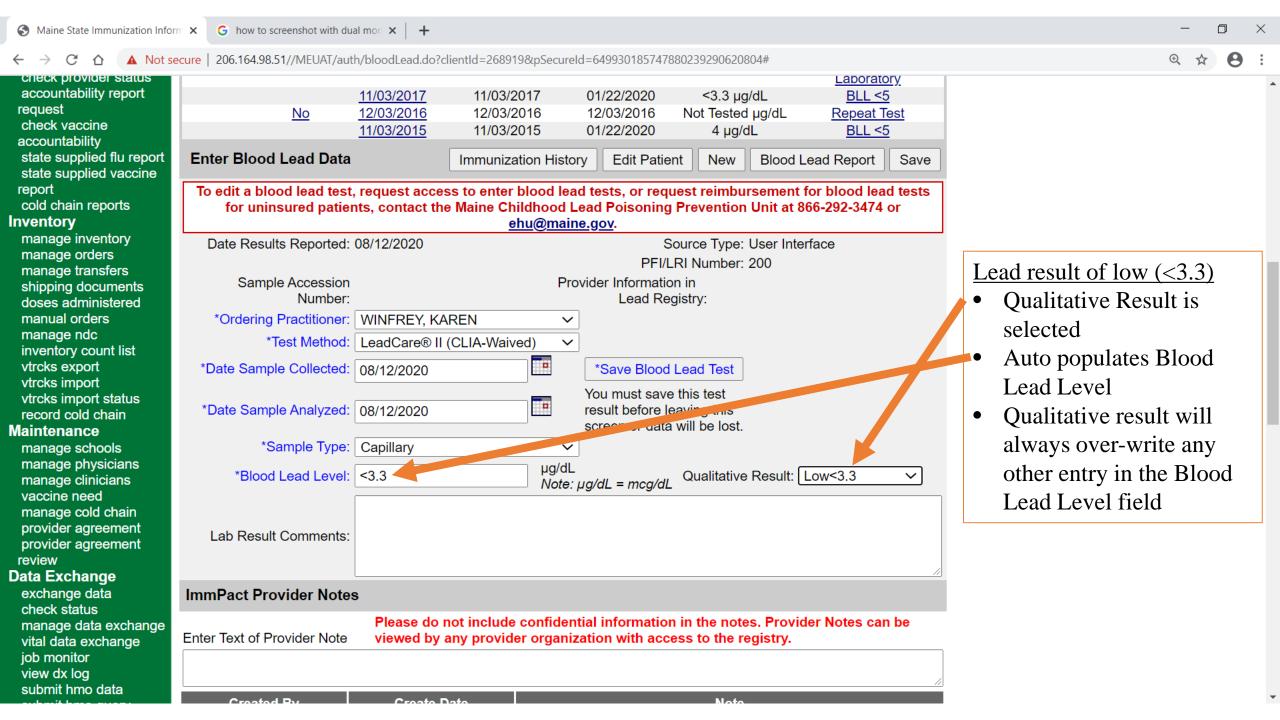
Entering LeadCareII Results:

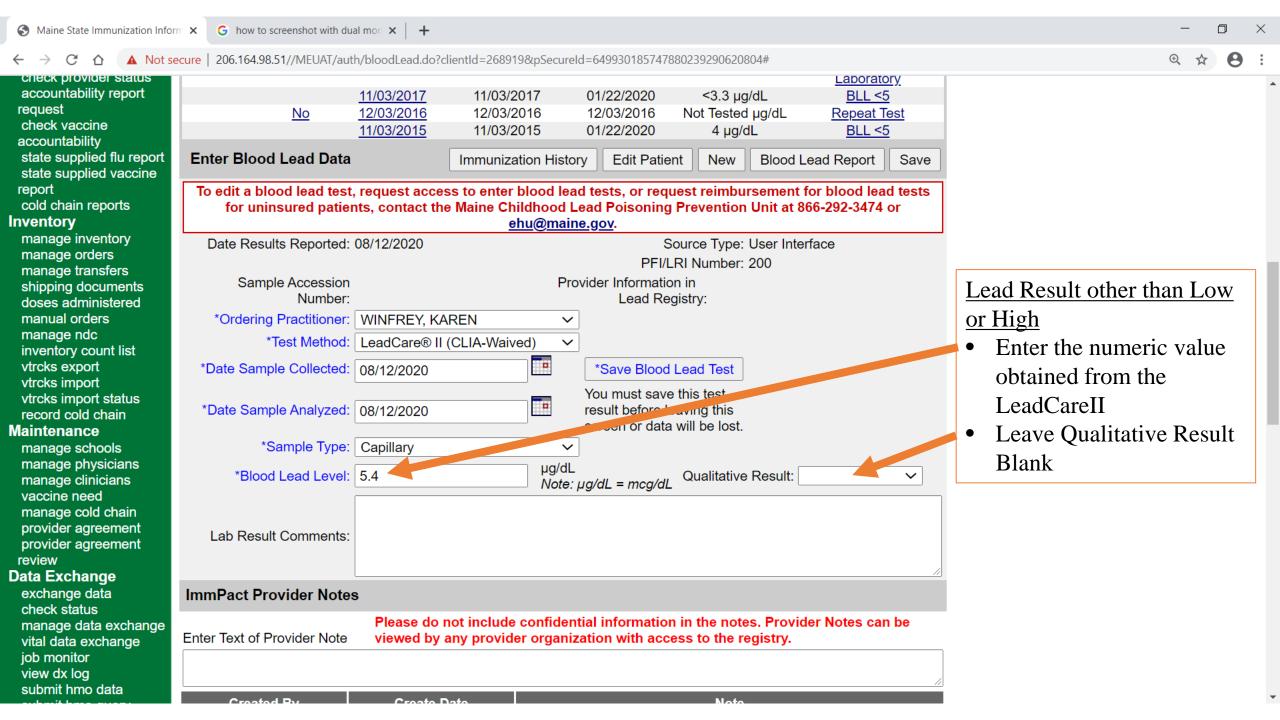
- If you do not see this view, select New
- The fields in Blue are required fields

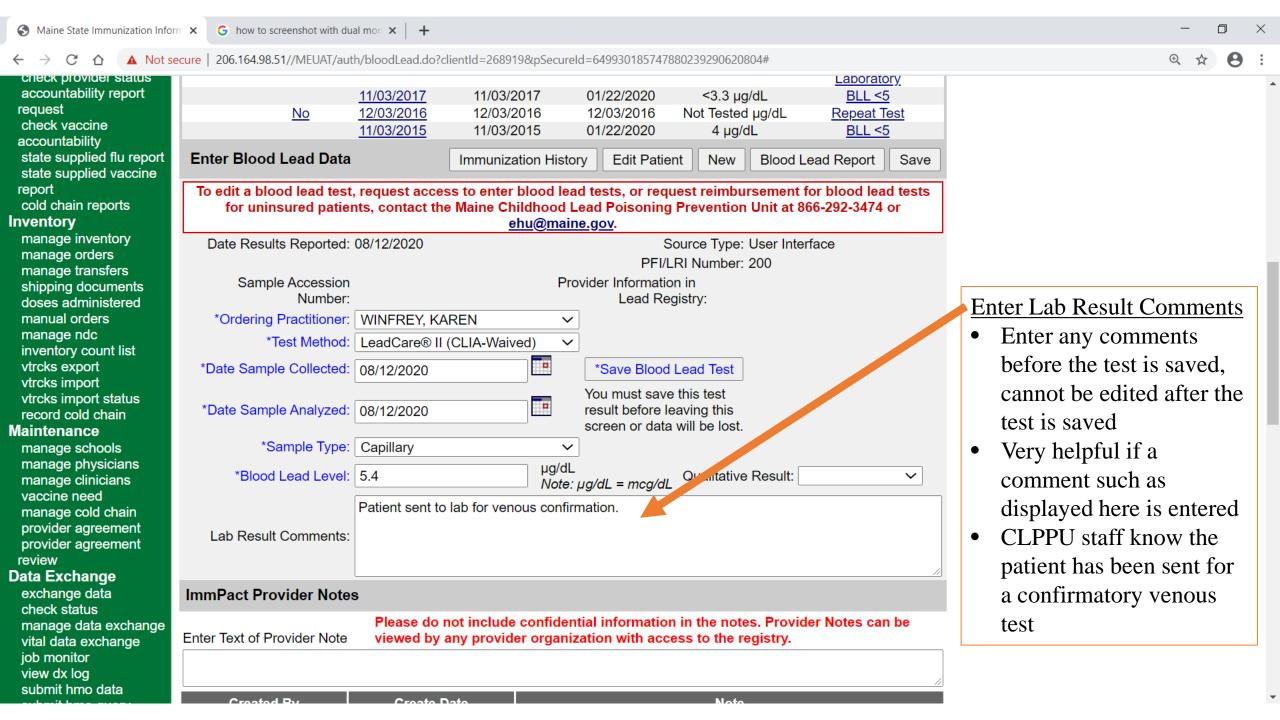












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check assessment benchmark report check benchmark ad hoc list report ad hoc count report the afix product ad hoc report status billing report request check billing report provider report check provider status accountability report request check vaccine accountability state supplied flu report state supplied vaccine report cold chain reports

Inventory

manage inventory manage orders manage transfers shipping documents doses administered manual orders manage ndc inventory count list vtrcks export vtrcks import vtrcks import status record cold chain

Maintenance

manage schools manage physicians manage clinicians vaccine need manage cold chain provider agreement

Record saved.

Blood Lead Test History

Remove	Owned?	Date Sample Collected	Date Sample	Date Results Reported	Blood Lead Level	Action
						Requires Venous Sample Analyzed By the
		08/12/2020	08/12/2020	08/12/2020	5.4 μg/dL	Maine Health and Environmental Testing
	<u>No</u>	04/01/2020	04/01/2020	04/01/2020	Not Testeu , */dL	<u>Repeat Test</u>
		11/08/2018	11/08/2018	01/23/2020	8.3 µg/dL	Sample Dalyzed By the Maine Hear, and
		<u></u>			p.g	Environmenta Testins Labor Lory
		11/03/2017	11/03/2017	01/22/2020	<3.3 µg/dL	<u>BL /<5</u>
	<u>No</u>	12/03/2016	12/03/2016	12/03/2016	Not Tested µg/dL	Rer eat Test
		11/03/2015	11/03/2015	01/22/2020	4 μg/dL	<u>3LL <5</u>
View Bloo	d Lead Data		Immunization Histo	ory Edit Patie	nt New Blood	Lear Report Save

To edit a blood lead test, request access to enter blood lead tests, or request reimbursement god lead tests for uninsured patients, contact the Maine Childhood Lead Poisoning Prevention Line at 256-292-3474 or ehu@maine.gov.

Date Results Reported: 08/12/2020

Sample Accession Number: Z2000812202001

*Ordering Practitioner: WINFREY, KAREN

*Sample Type: Capillary

*Test Method: LeadCare® II (CLIA-Waived)

*Date Sample Collected: 08/12/2020

*Date Sample Analyzed: 08/12/2020

Source Type: User In erface

PFI/LRI Number: 200

Provider Information in Lead Registry:

*Save Blood Lead Test

You must save this test result before leaving this screen or data will be lost.

Save the Results

- You must select the Save button, or the test will not be saved
- You will get two confirmations that the test was saved:
 - A red 'Record Saved' message
 - An Accession Number is assigned
 - Accession Number is a unique number for this test











▲ Not secure | 206.164.98.51/MEUAT/auth/bloodLead.do

check assessment benchmark report check benchmark ad hoc list report ad hoc count report

the afix product ad hoc report status billing report request check billing report provider report check provider status

accountability report

request check vaccine

accountability state supplied flu report state supplied vaccine

report

cold chain reports

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Maintenance

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Record saved.

Blood Lead Test History

Remove	Owned?	Date Sample Collected	Date Sample Analyzed	Date Results Reported	Blood Lead Level	Action
		08/12/2020	08/12/2020	08/12/2020	5.4 μg/dL	Requires Venous Sample Analyzed By the Maine Health and Environmental Testing Laboratory
	<u>No</u>	04/01/2020	04/01/2020	04/01/2020	Not Tested µg/dL	Repeat Test
		11/08/2018	11/08/2018	01/23/2020	8.3 µg/dL	Requires Venous Sample Analyzed By the Maine Health and Environmental Testing Laboratory
		11/03/2017	11/03/2017	01/22/2020	<3.3 µg/dL	<u>BLL <5</u>
	<u>No</u>	<u>12/03/2016</u>	12/03/2016	12/03/2016	Not Tested µg/dL	Repeat Test
\(' \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		11/03/2015	11/03/2015	01/22/2020	4 μg/dL	BLL <5
View Blood Lead Data		Immunization Histo	ry 📗 Edit Patie	nt New Blood	d Lead Report Save	

To edit a blood lead test, request access to enter blood lead tests, or request reimbursement for blood lead tests for uninsured patients, contact the Maine Childhood Lead Poisoning Prevention Unit at 866-292-3474 or ehu@maine.gov.

Date Results Reported: 08/12/2020

Sample Accession Number: Z2000812202001

Source Type: User Interface

PFI/LRI Number: 200

Provider Information in

Lead Registry:

*Ordering Practitioner: WINFREY, KAREN

*Test Method: LeadCare® II (CLIA-Waived)

*Date Sample Collected: 08/12/2020

*Date Sample Analyzed: 08/12/2020

*Save Blood Lead Test

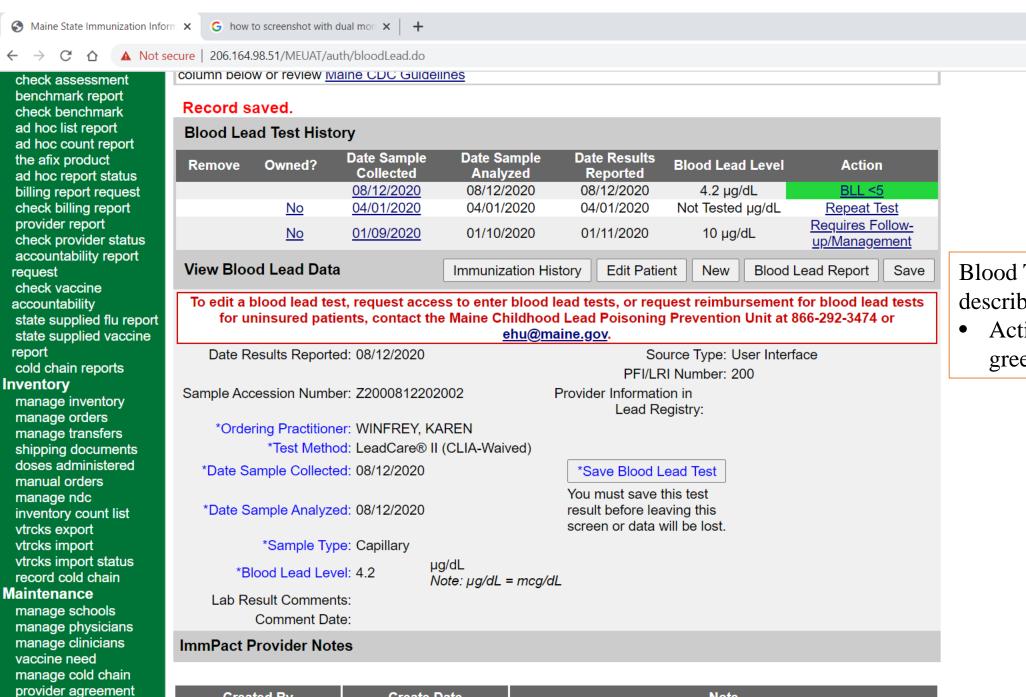
result before leaving this screen or data will be lost.

*Sample Type: Capillary

You must save this test

Required Actions are listed

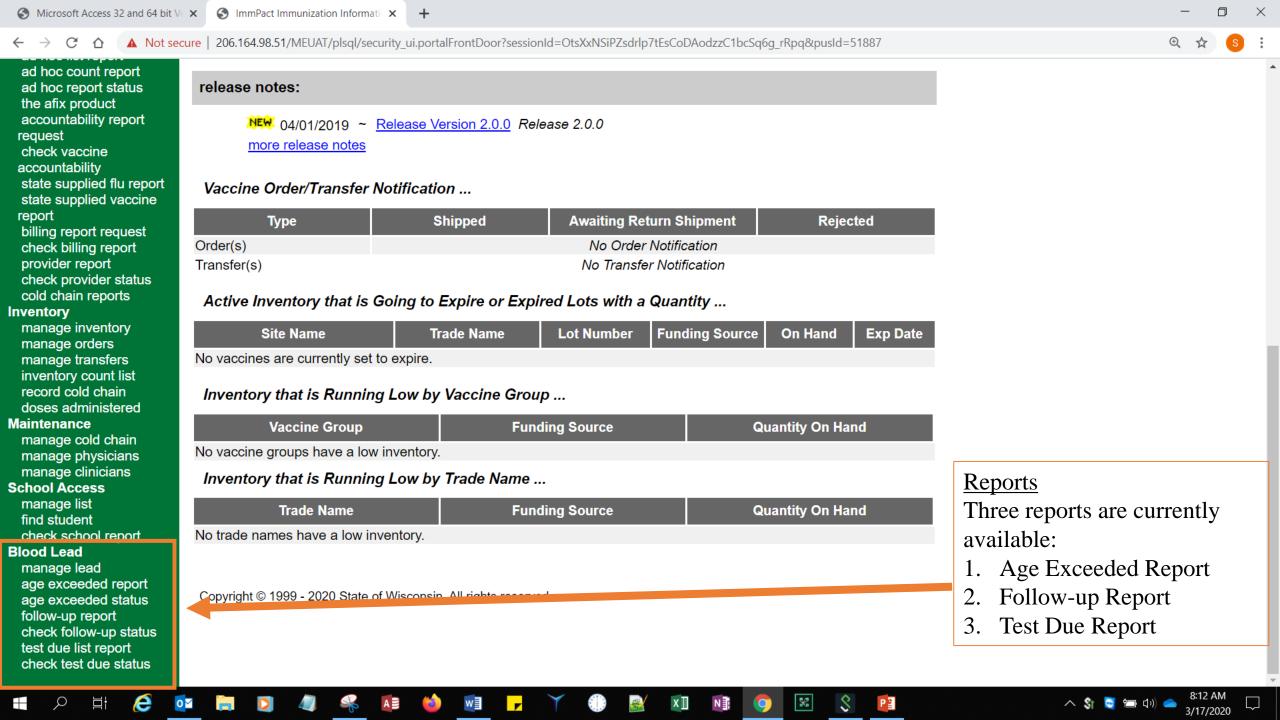
- Requires Venous Sample confirmation – test was an elevated capillary which needs confirmation
- Repeat Test there was a problem with the sample sent to the lab
- Follow up test needed – previous test showed elevated blood lead
- BLL <5 (shows in green) – no action needed

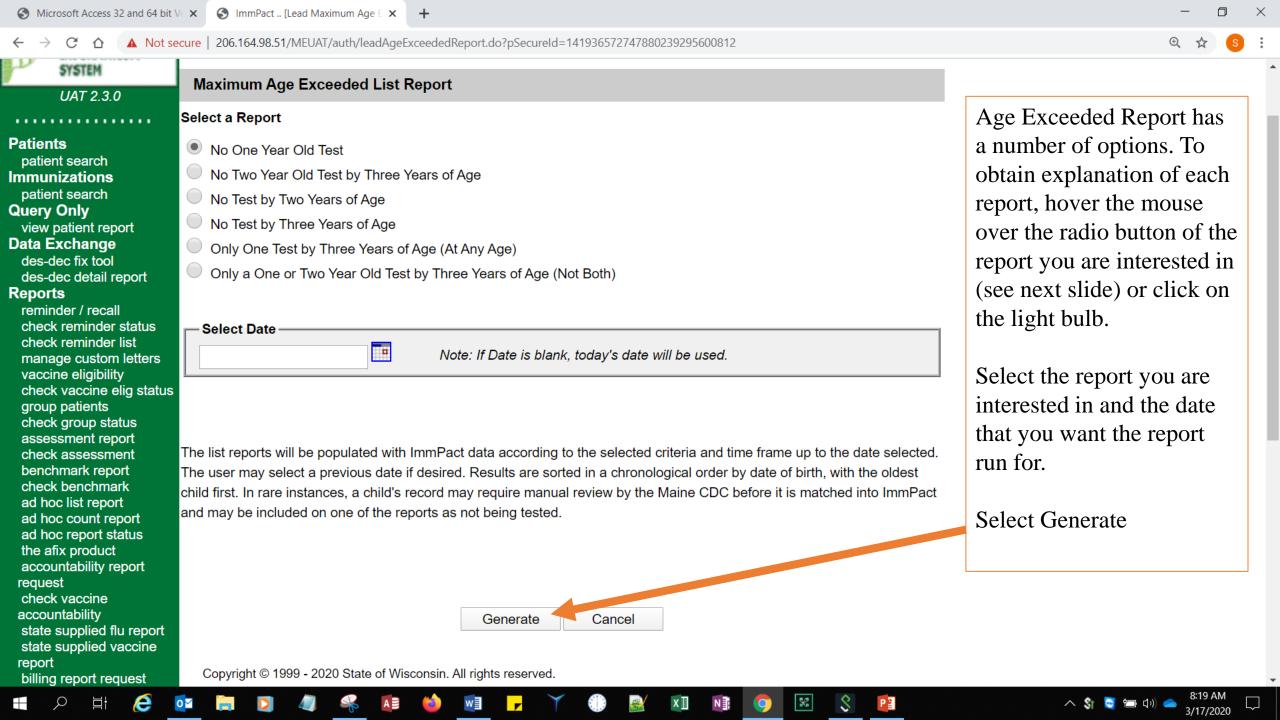


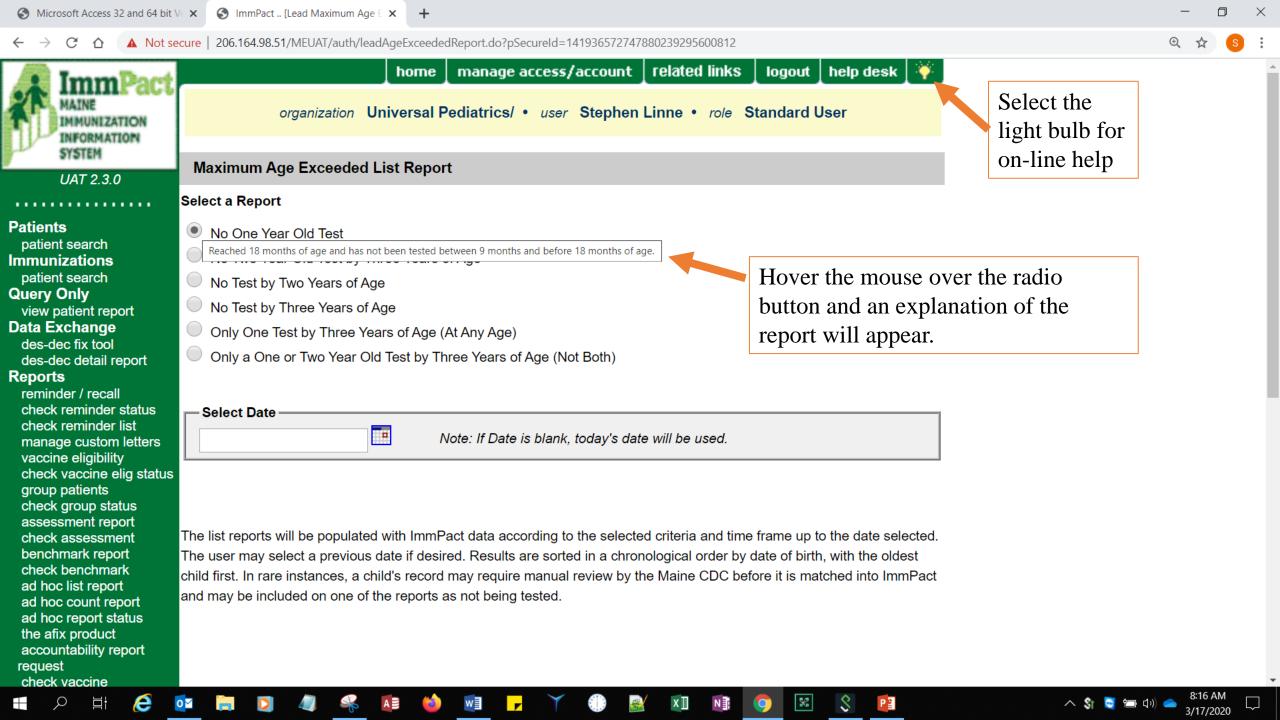
Blood Test Entered as described above

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Action is BLL<5 in green











UAT 2.3.0

Patients patient search **Immunizations** patient search Query Only view patient report

Data Exchange des-dec fix tool des-dec detail report

Reports

reminder / recall check reminder status check reminder list manage custom letters vaccine eligibility check vaccine elig status group patients check group status assessment report check assessment benchmark report check benchmark ad hoc list report ad hoc count report ad hoc report status the afix product accountability report request

check vaccine

e

organization Universal Pediatrics/ • user Stephen Linne • role Standard User

Lead Maximum Age Exceeded Reports Request Status

Refresh

Report Name	Started	Completed	Status	Patients
No One Year, 3/17/2020	03/17/2020 08:26 AM	03/17/2020 08:26 AM	100%	6

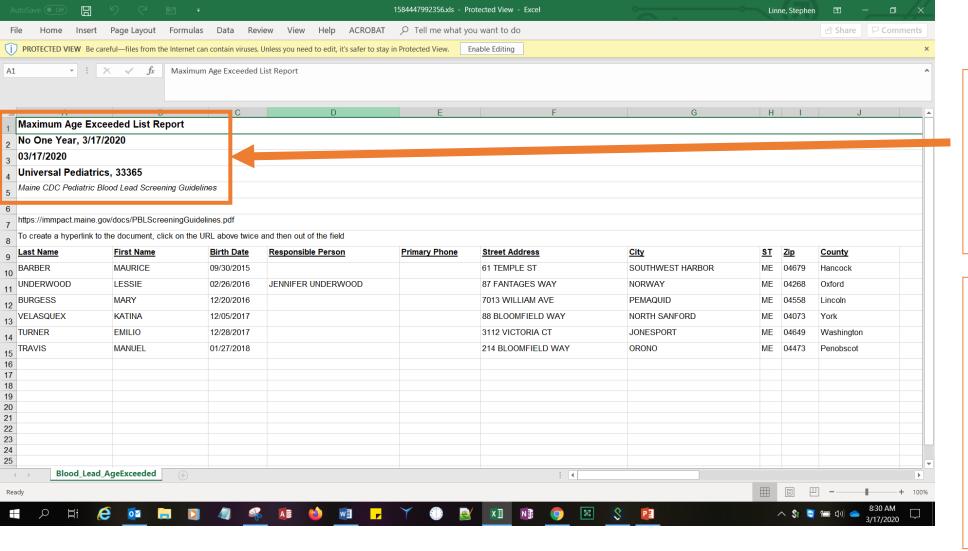
Copyright © 1999 - 2020 State of Wisconsin. All rights reserved.

The report status will look like this when it is finished. You may need to wait if it is a large report. You can select the refresh button as often as you like until the report is complete.

The see the report, select the blue underlined Report Name.





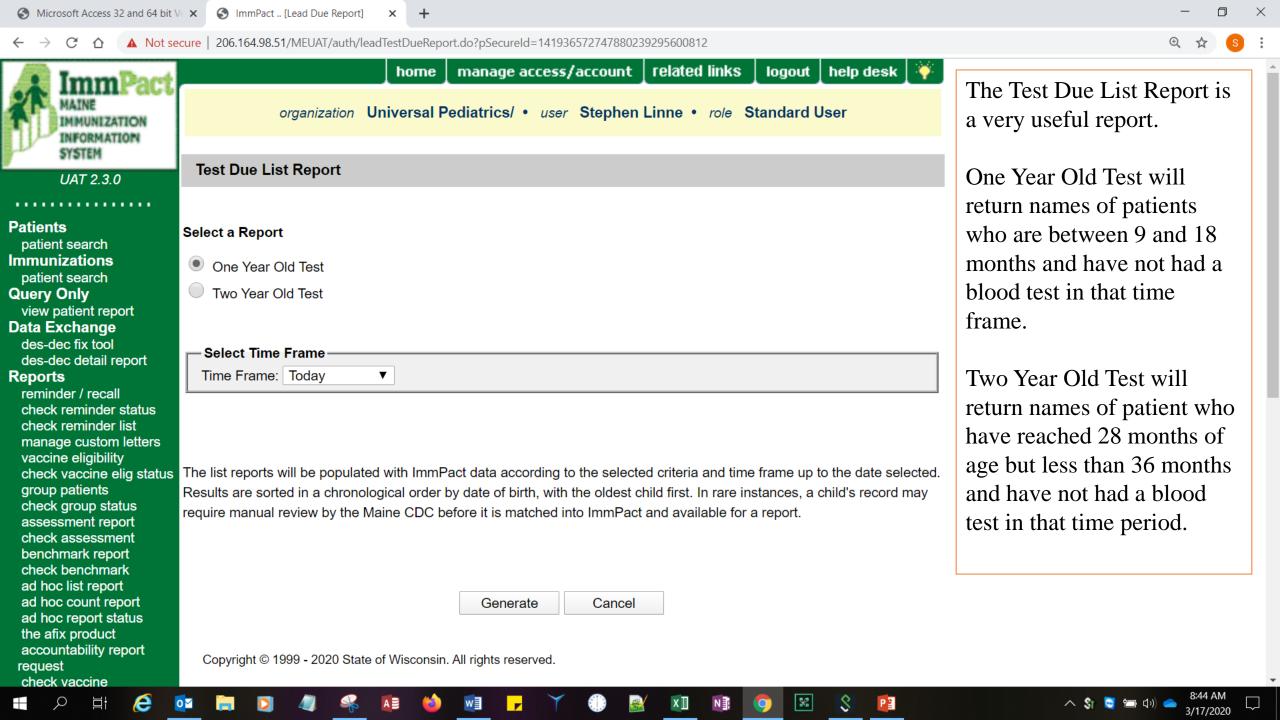


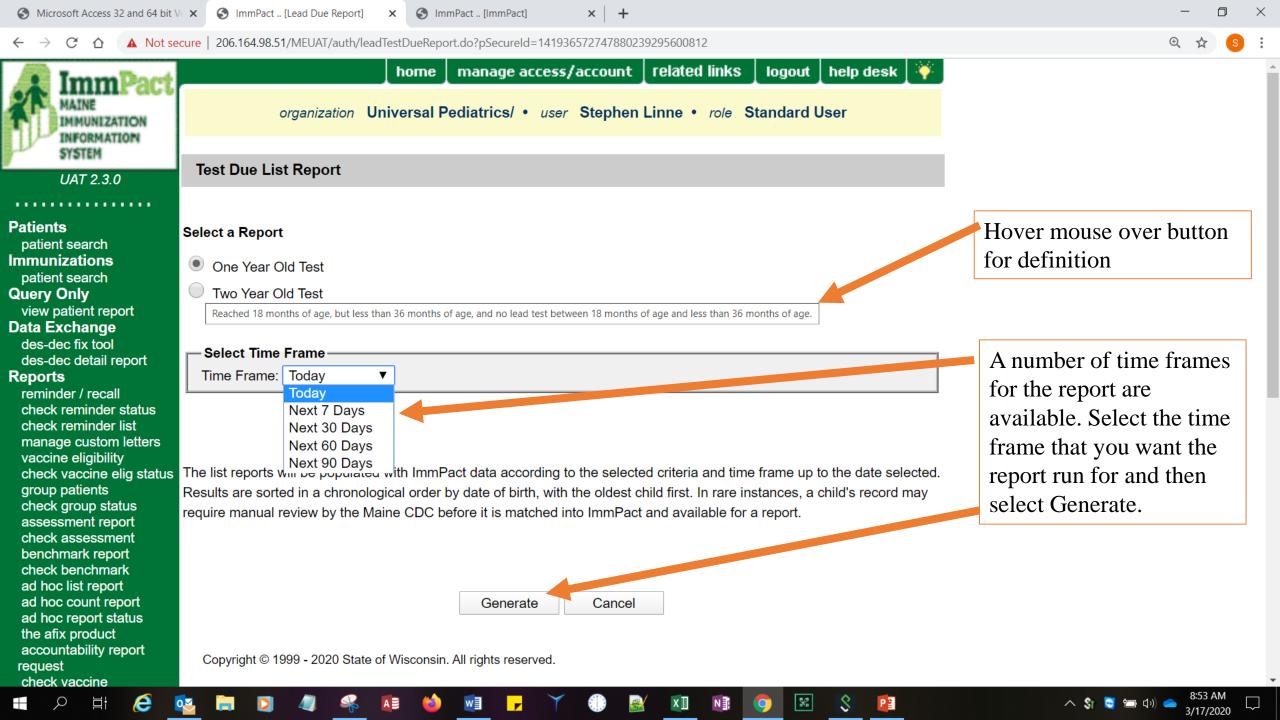
An Excel spreadsheet will open.

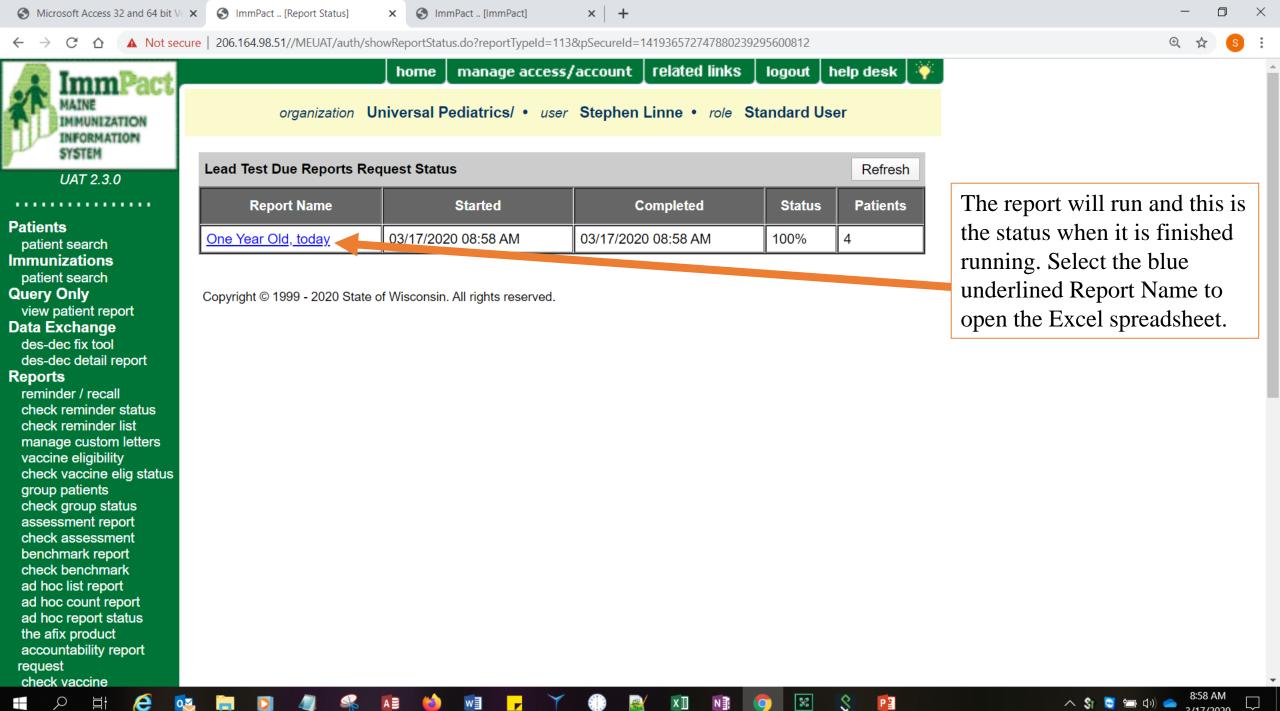
The heading shows the report name, date it was run for and the organization.

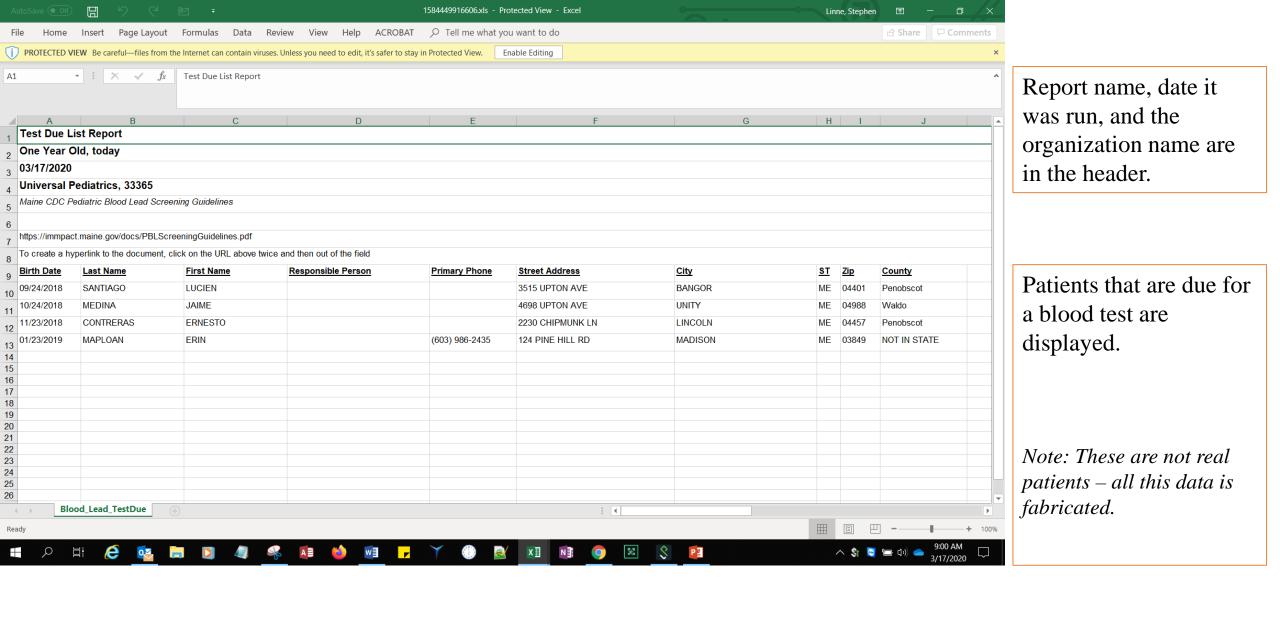
The report results are presented and can be sorted or manipulated using standard Excel commands.

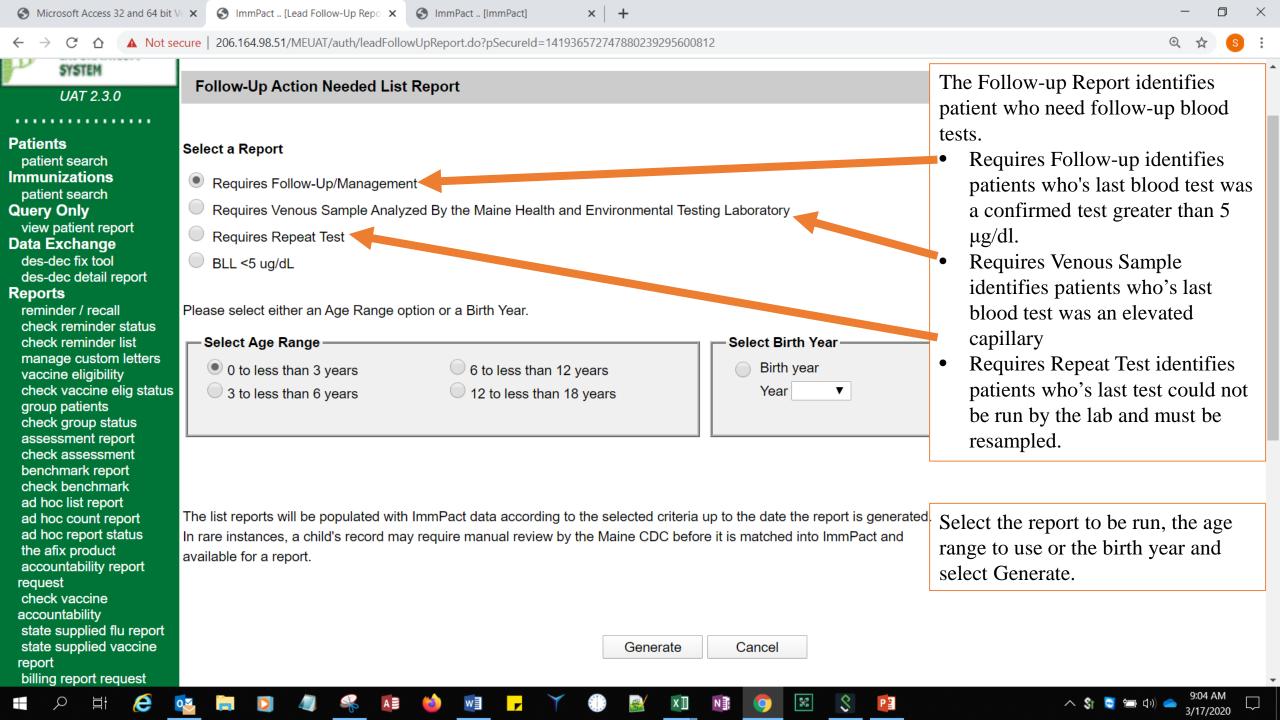
Note: These are not real patients – all this data is fabricated.

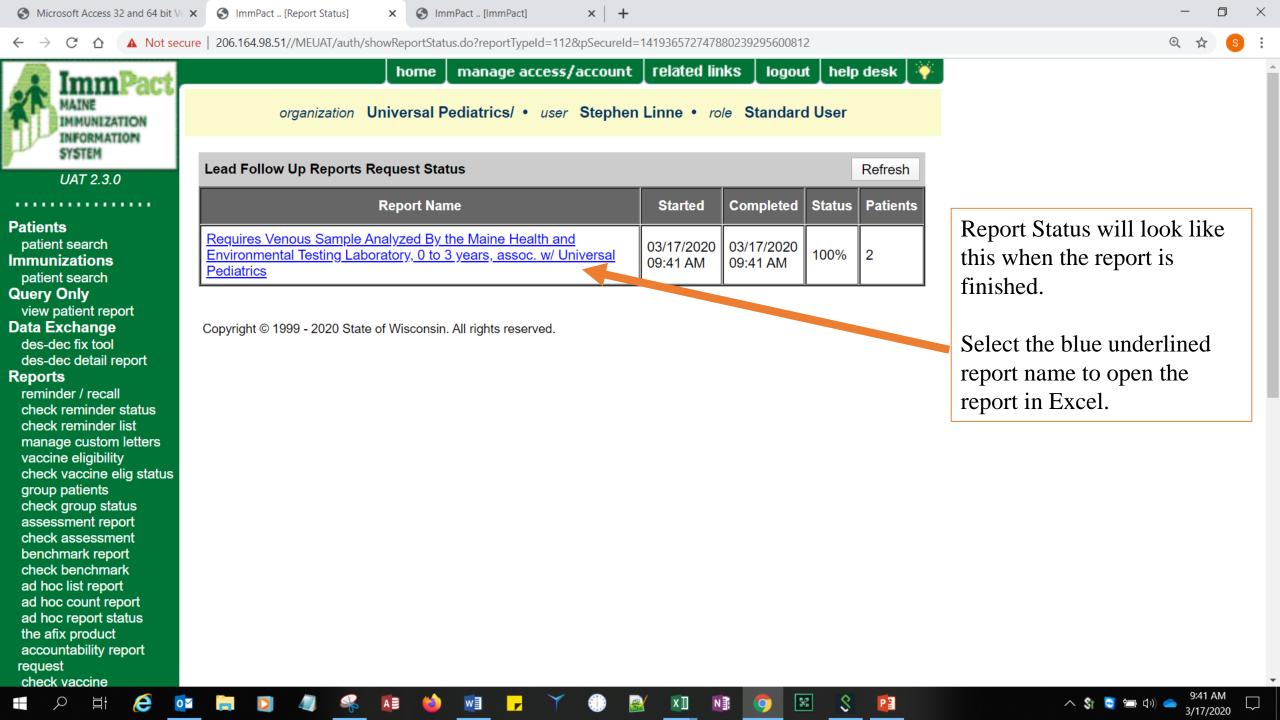


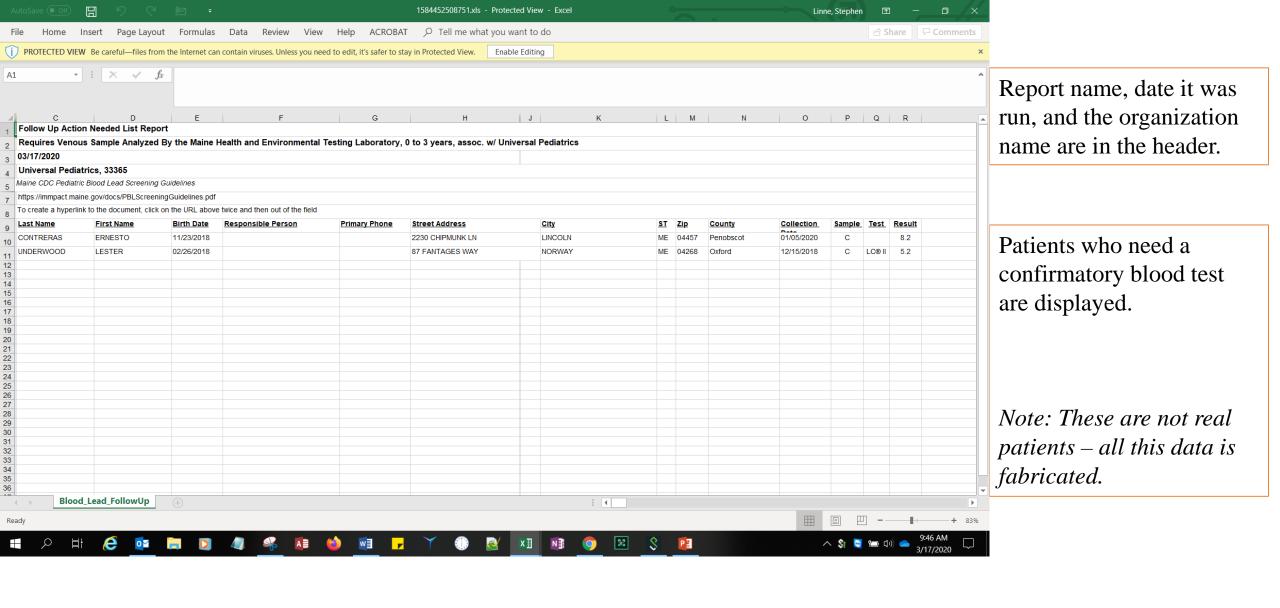












User Resources and Help

Maine CDC Website

https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/lead/providers.shtml

ImmPact Help

General ImmPact questions: ImmPact Help Desk, (800) 906-8754, Monday-Friday 8:00 a.m. to 5:00 p.m. Email: ImmPact.support@Maine.gov

ImmPact Lead Questions: (207) 287-4311

