# ImmPact Blood Lead Module Read-Only Access Training

Childhood Lead Poisoning Prevention Unit

Maine Center for Disease Control and Prevention

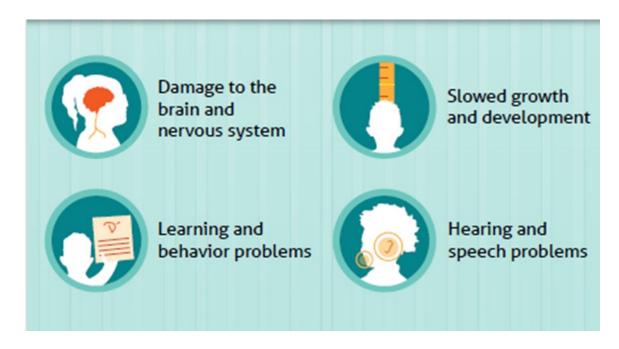


### Training Topics

- 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 information about tests ordered by 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 2019, 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 Lead Levels > 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







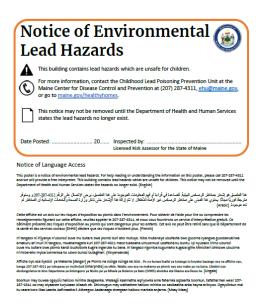


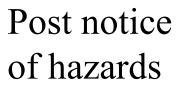


Test for lead in paint, dust, water, soil

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

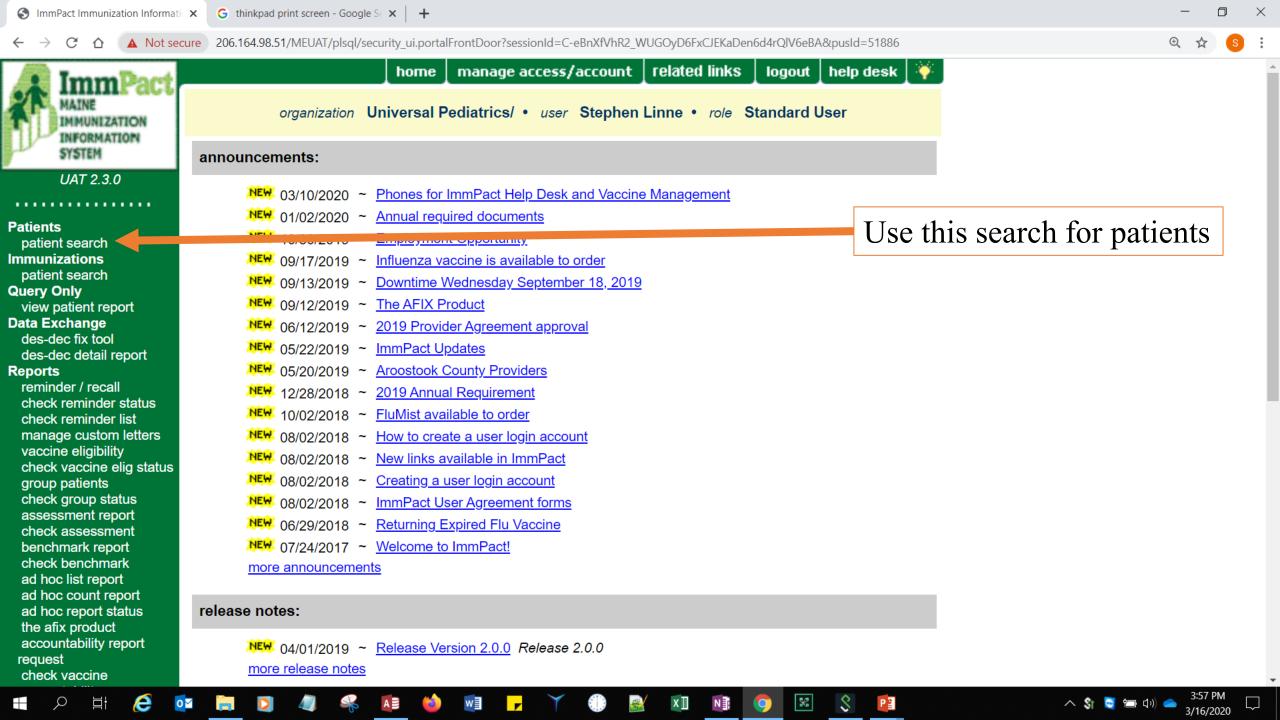
- Test all 1- and 2-year-olds for blood lead.
- Follow Maine CDC guidelines for testing at 3, 4, and 5 years.
- Confirm elevated capillary results.
- Follow-up elevated venous results to make certain DHHS actions have been successful in reducing blood lead levels.

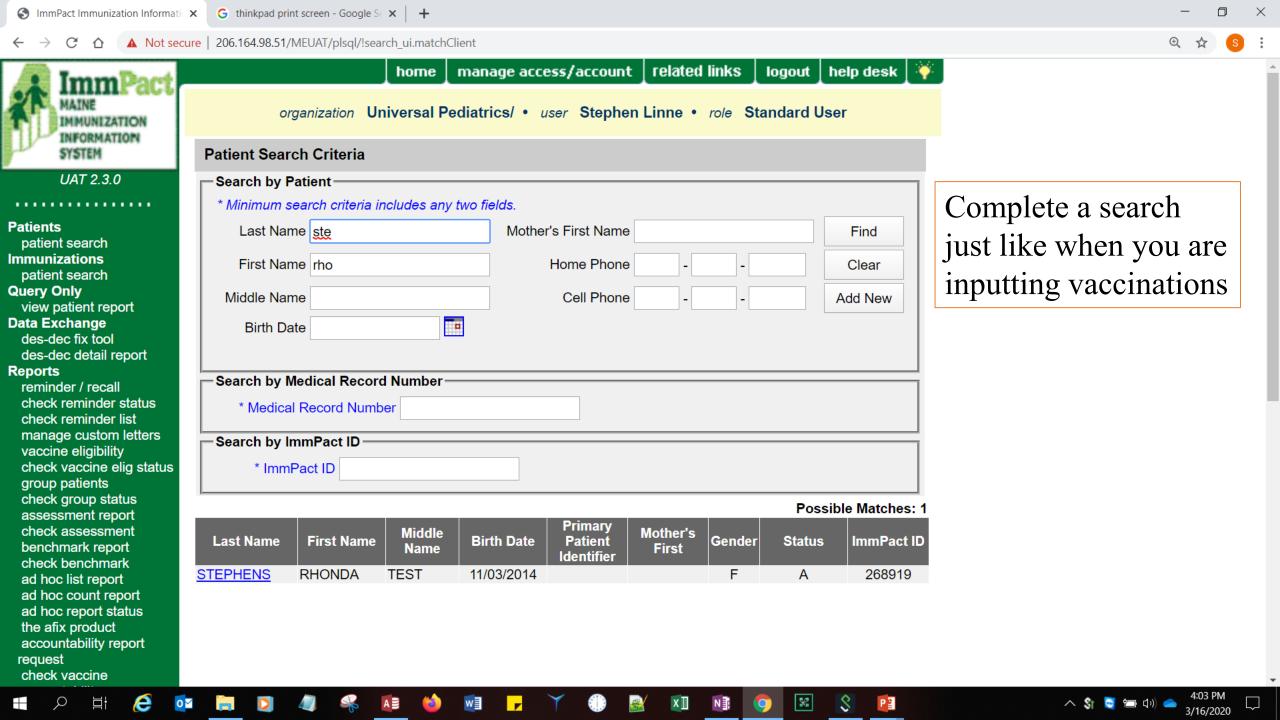


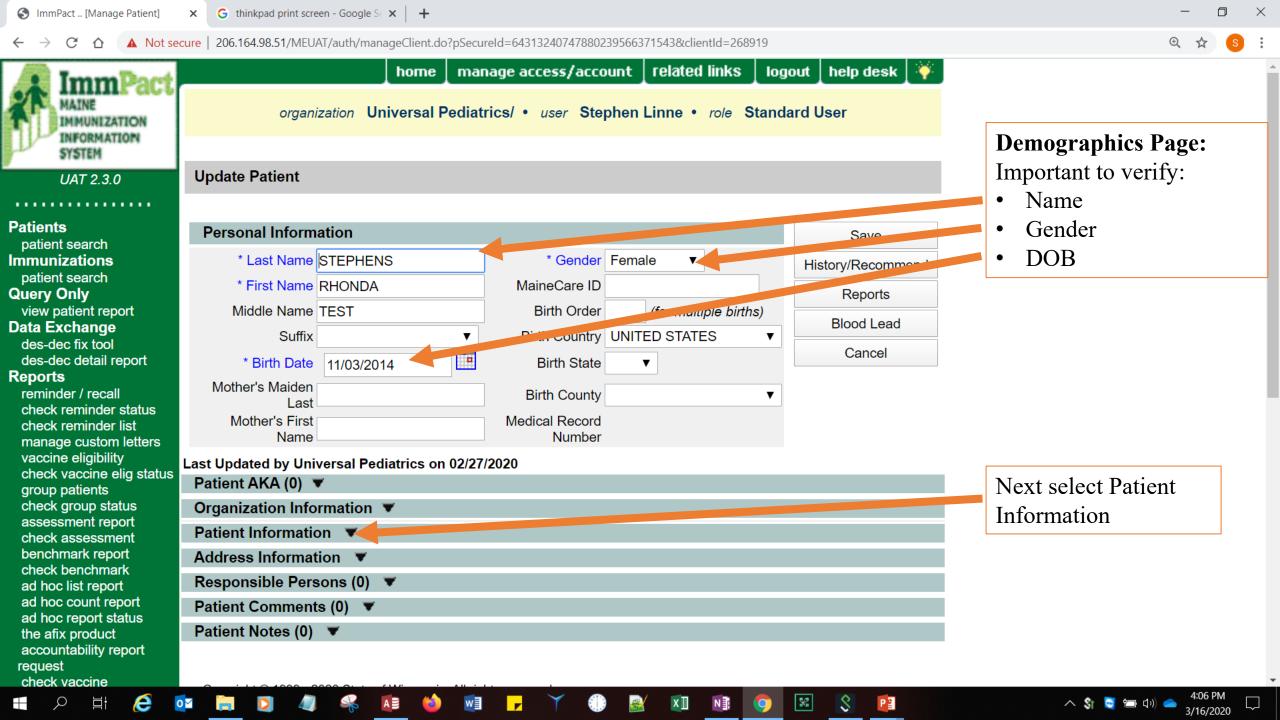
## For More Information about Blood Lead Testing and DHHS Services for Lead Poisoned Children

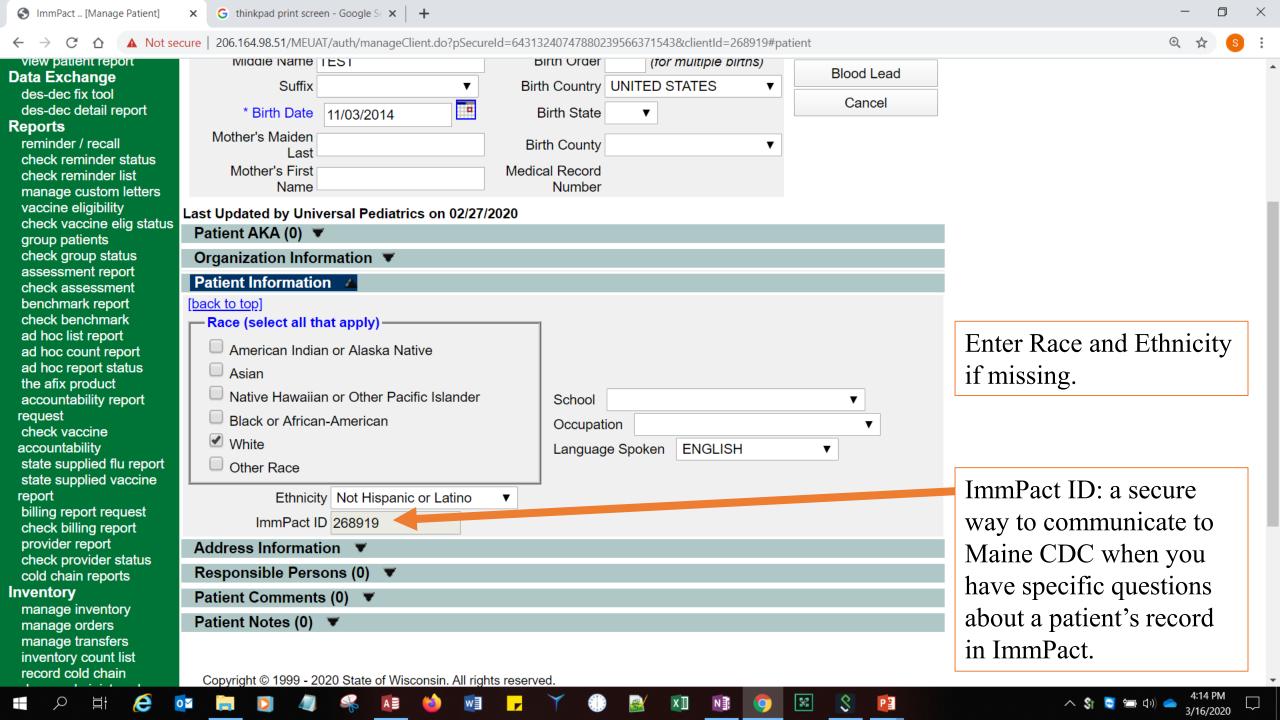
- Maine CDC Website:
  - <a href="https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/lead/providers.shtml">https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/lead/providers.shtml</a>
- Maine CDC Childhood Lead Poisoning Prevention Unit
  - Main Line: 207-287-4311
  - Team:
    - Margaret Bordeau, DO, MPH, Public Health Physician 287-3222; Margaret.bordeau@maine.gov
    - Sandra Dempsey, RN, Nurse Education Consultant 287-8671; Sandra.Dempsey@maine.gov
    - Emily Brown, RN, Child Health Coordinator 287-5348; Emily.brown@maine.gov

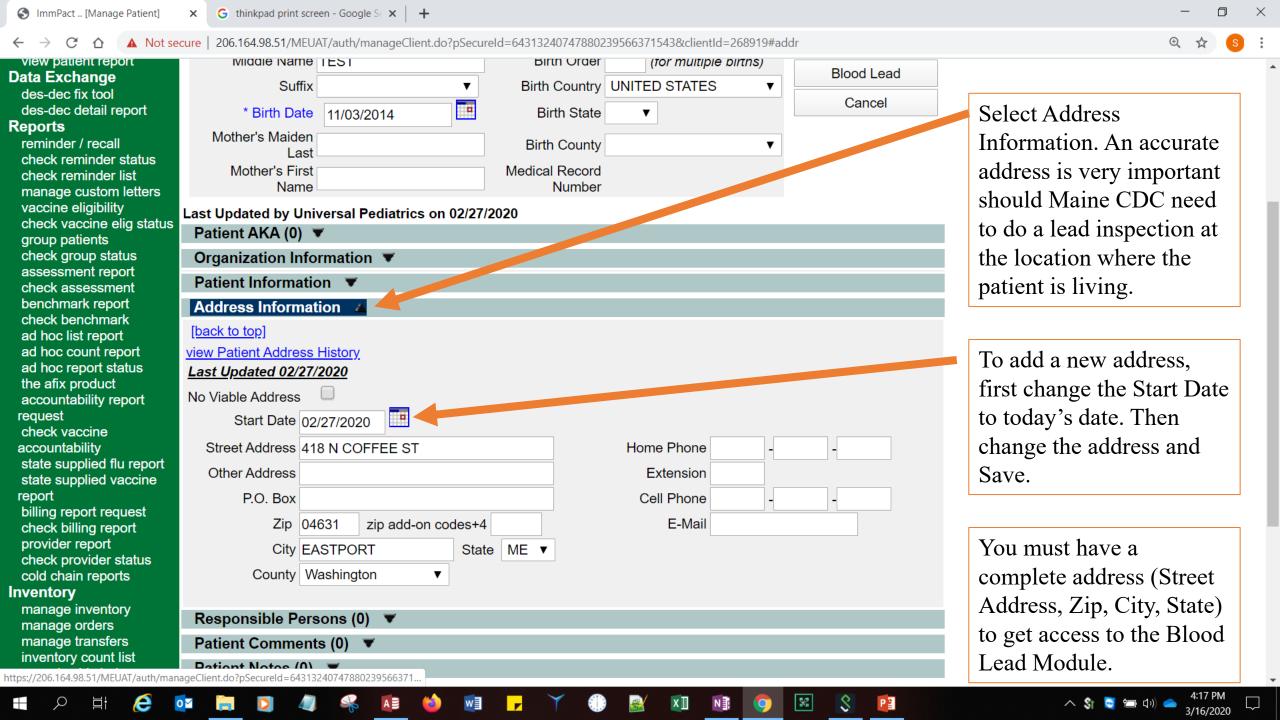
### How To Use the Blood Lead Module in ImmPact

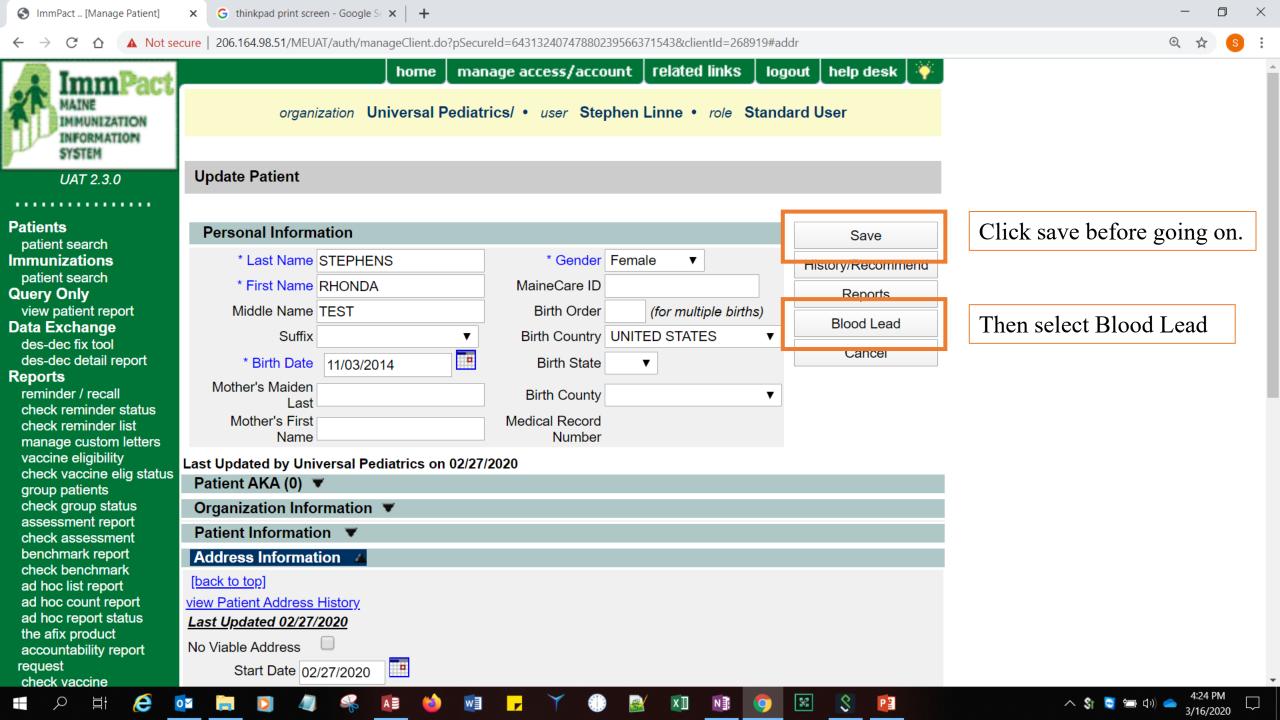


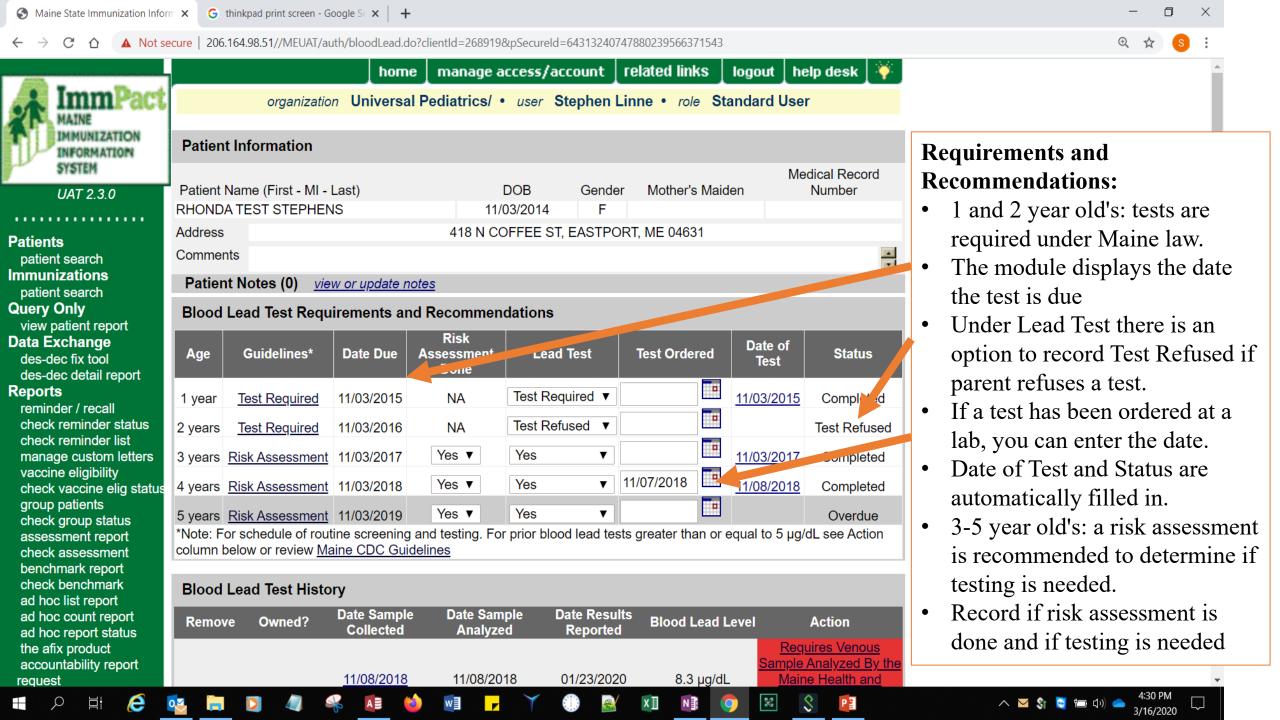


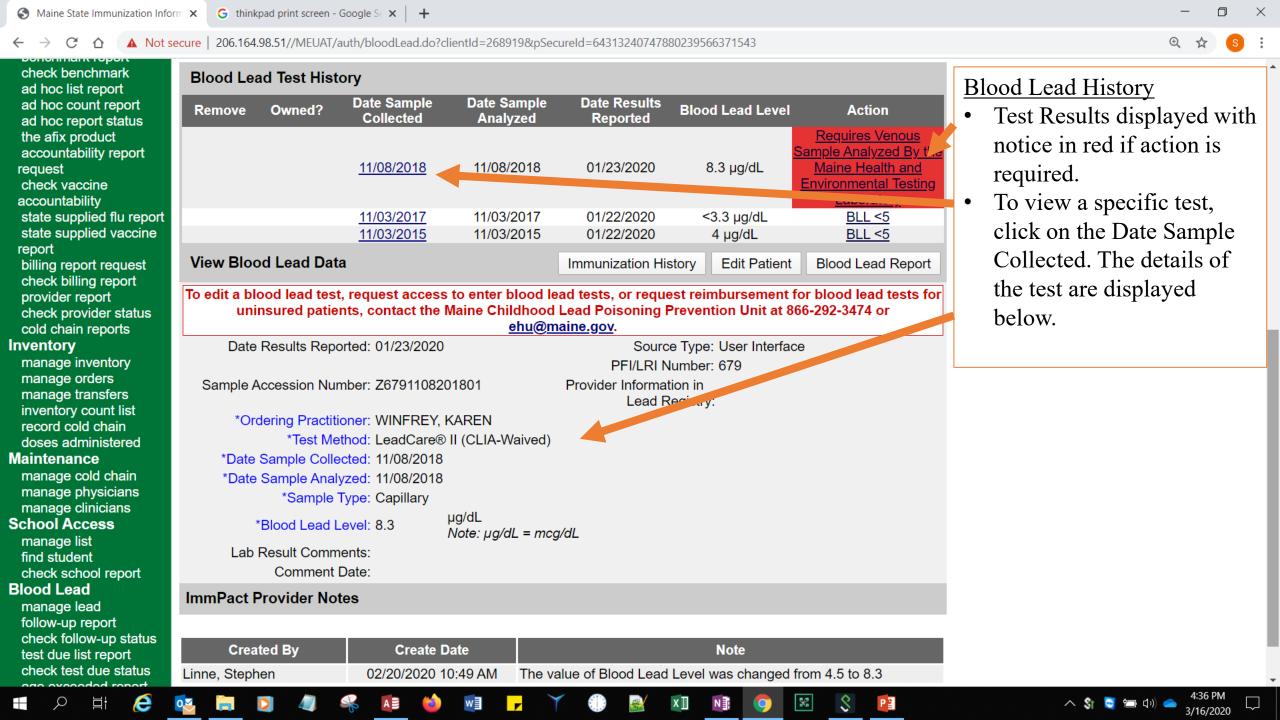


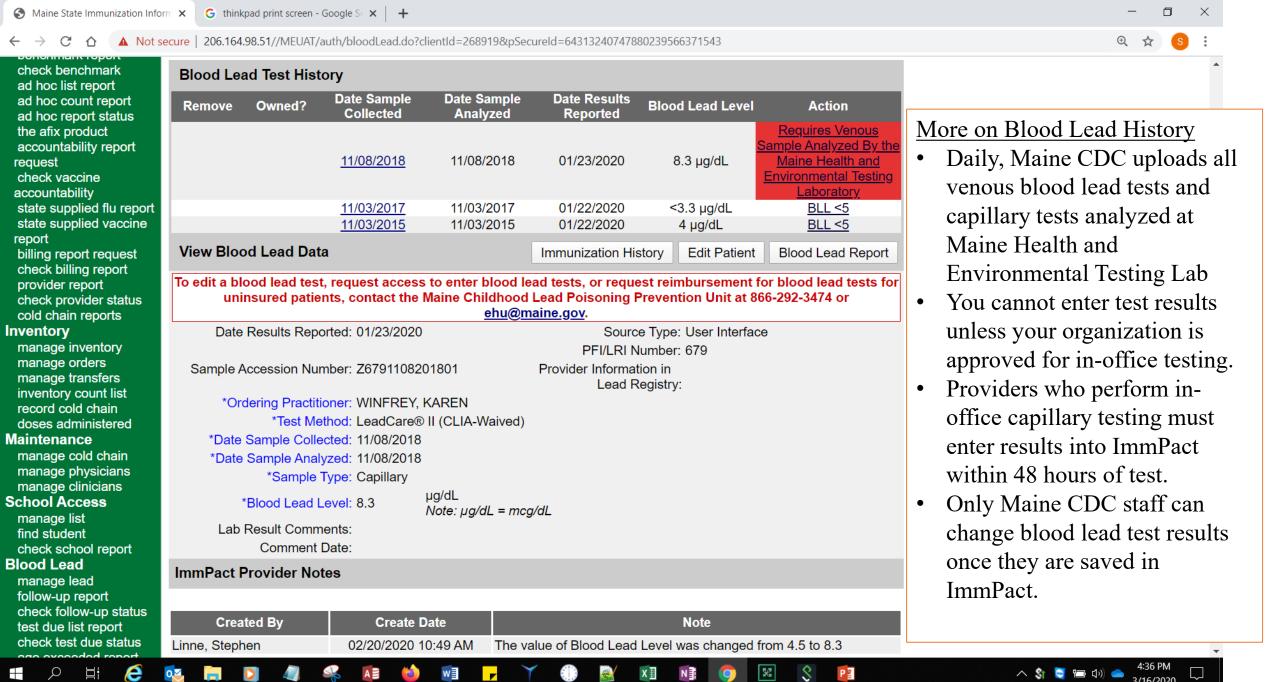


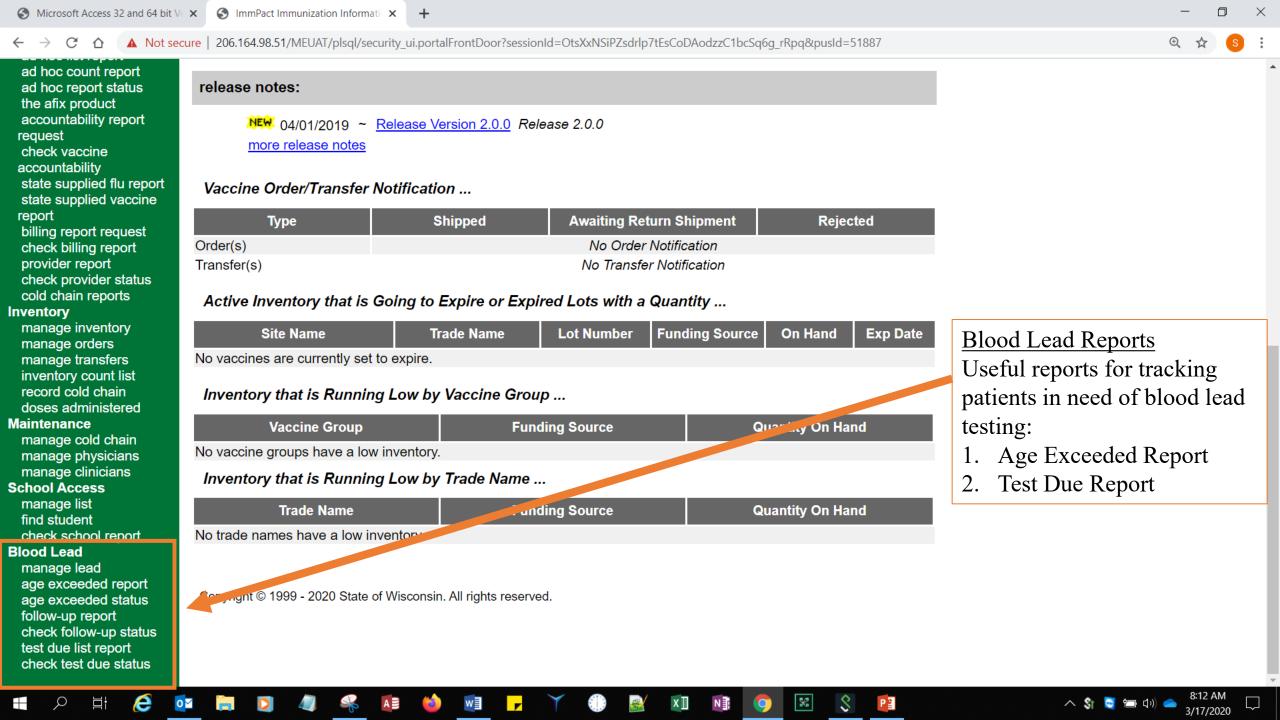


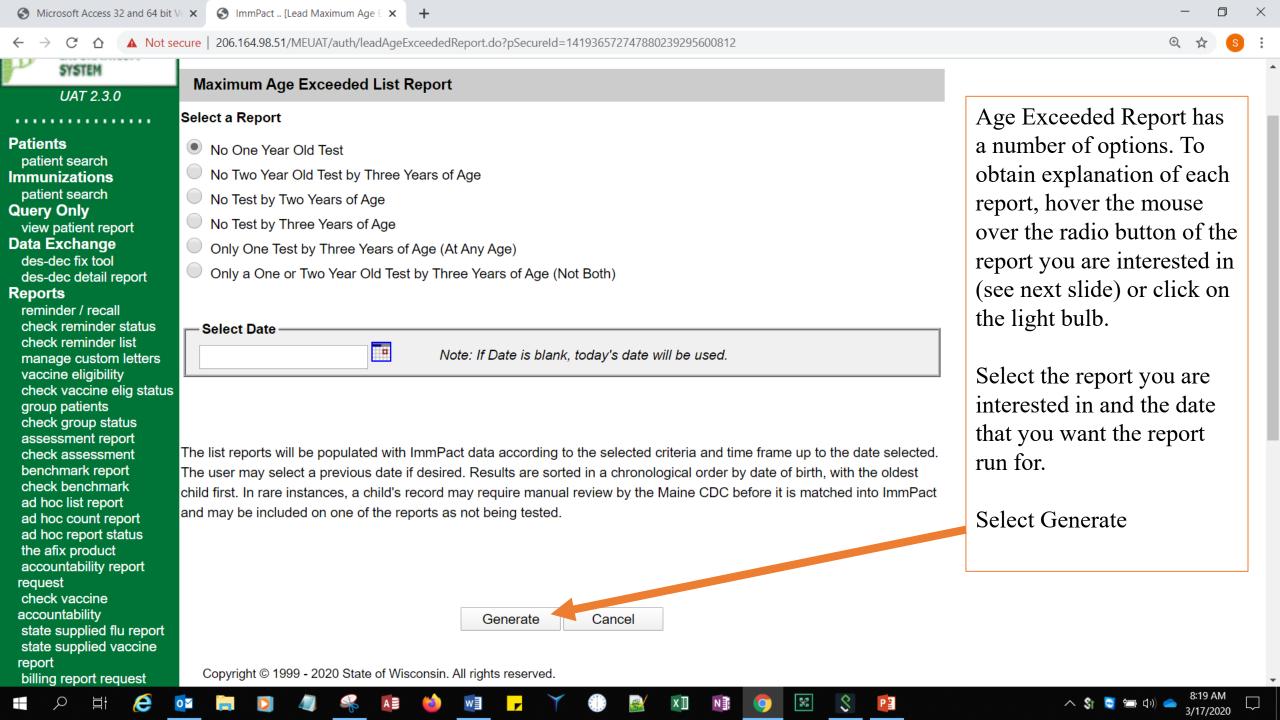


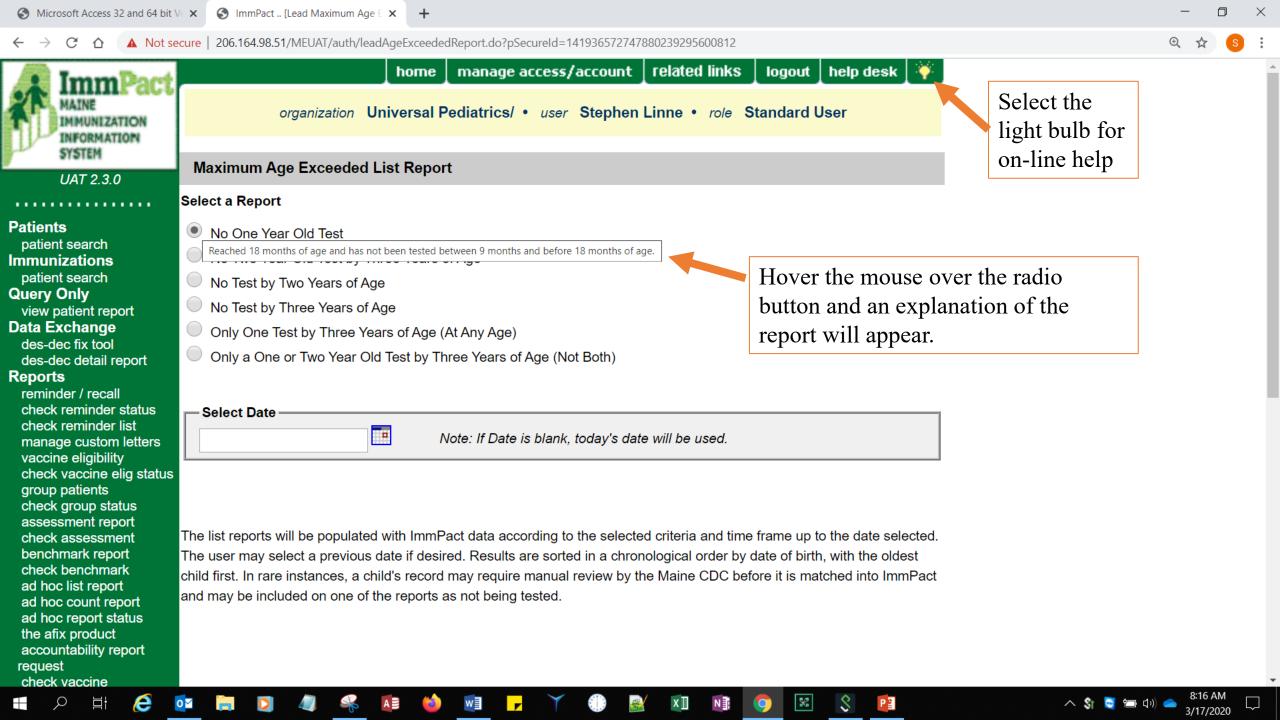
















**UAT 2.3.0** 

**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

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

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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.



























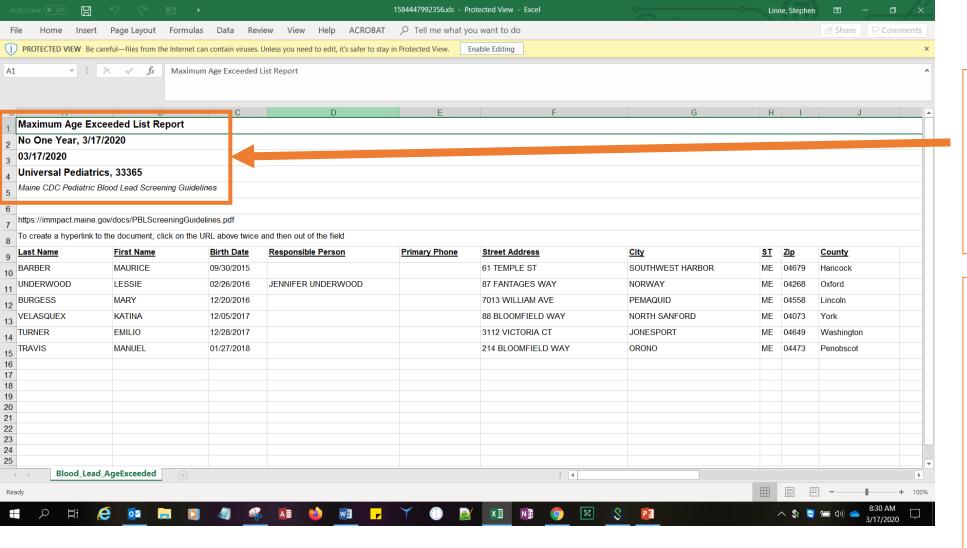










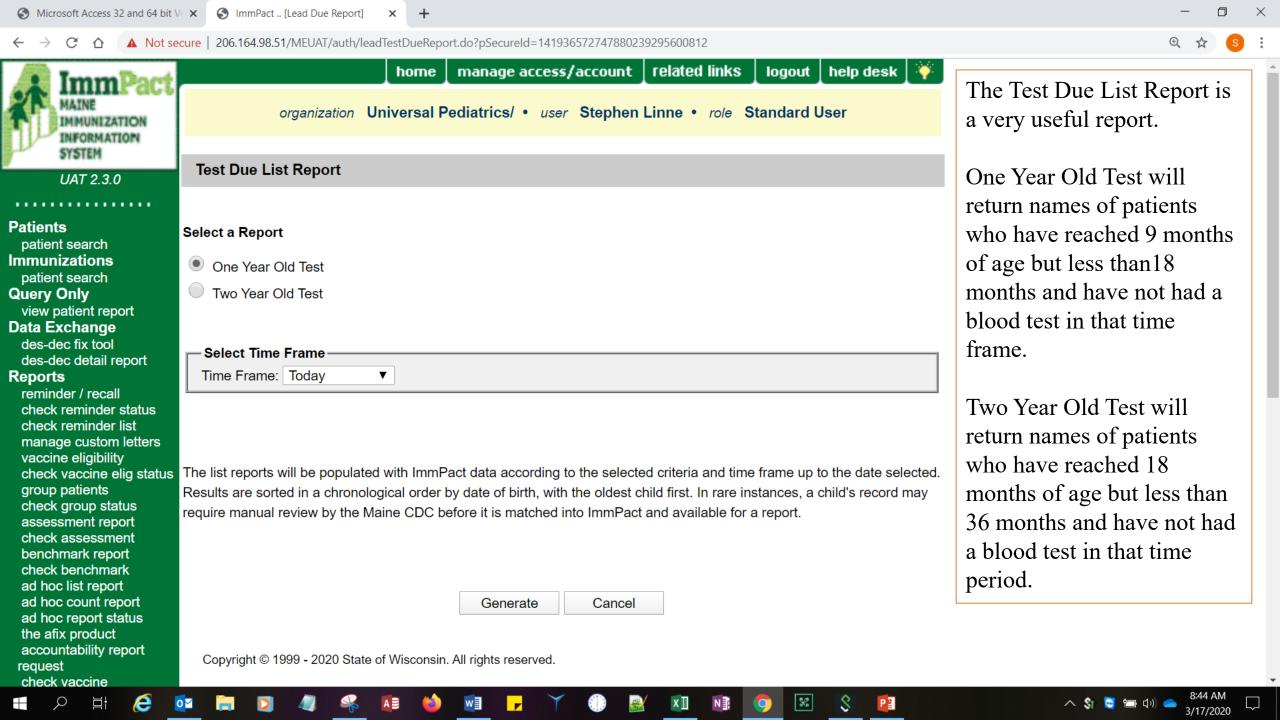


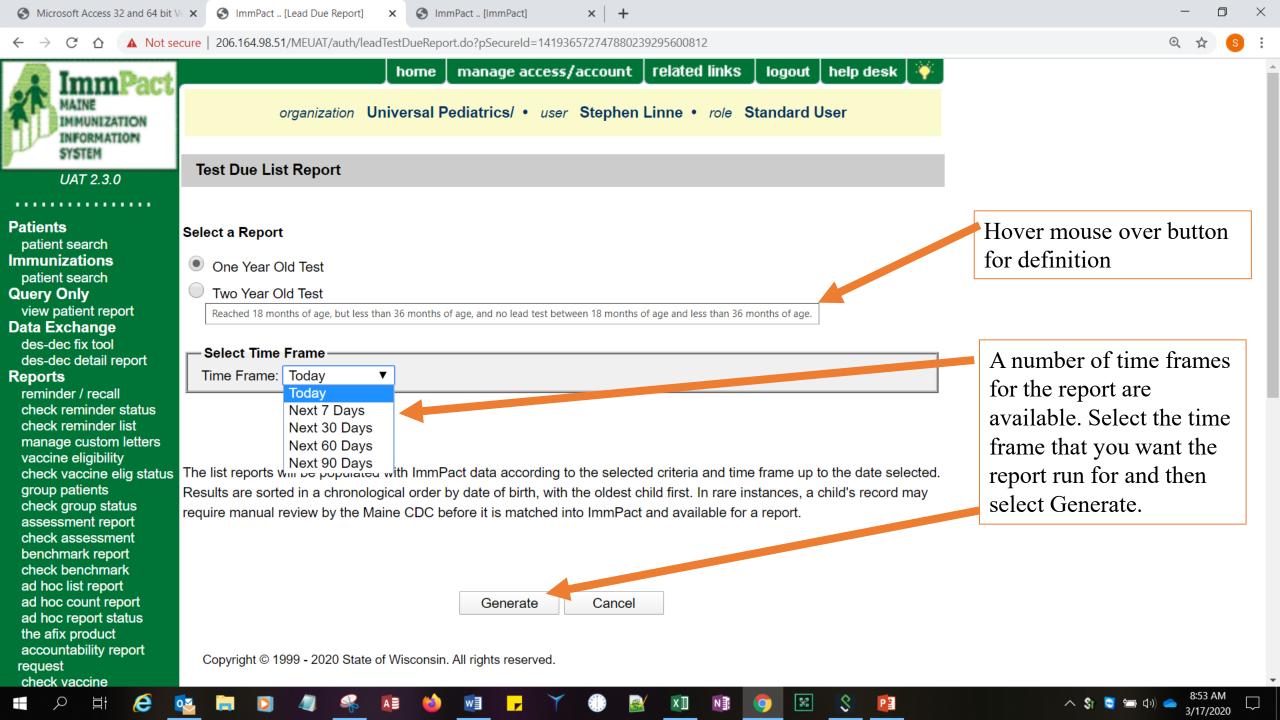
An Excel spreadsheet will open.
The heading shows the

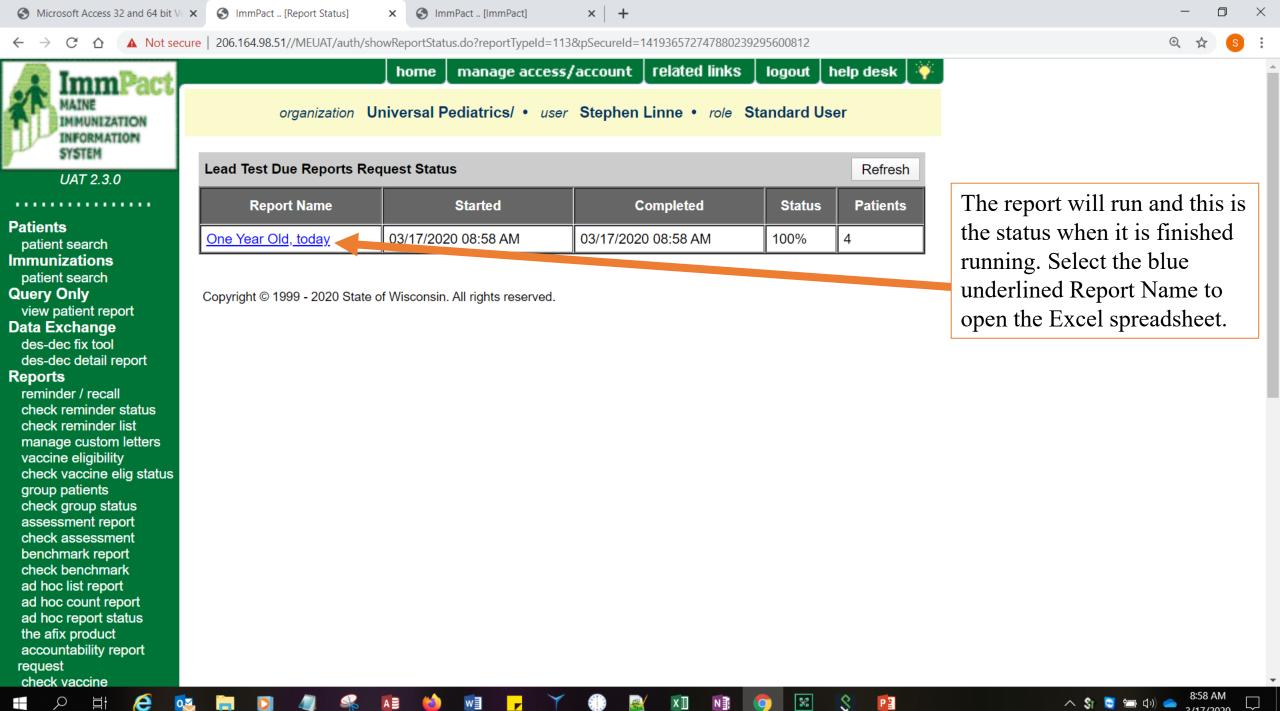
The heading shows the report name, date it was run for and the organization.

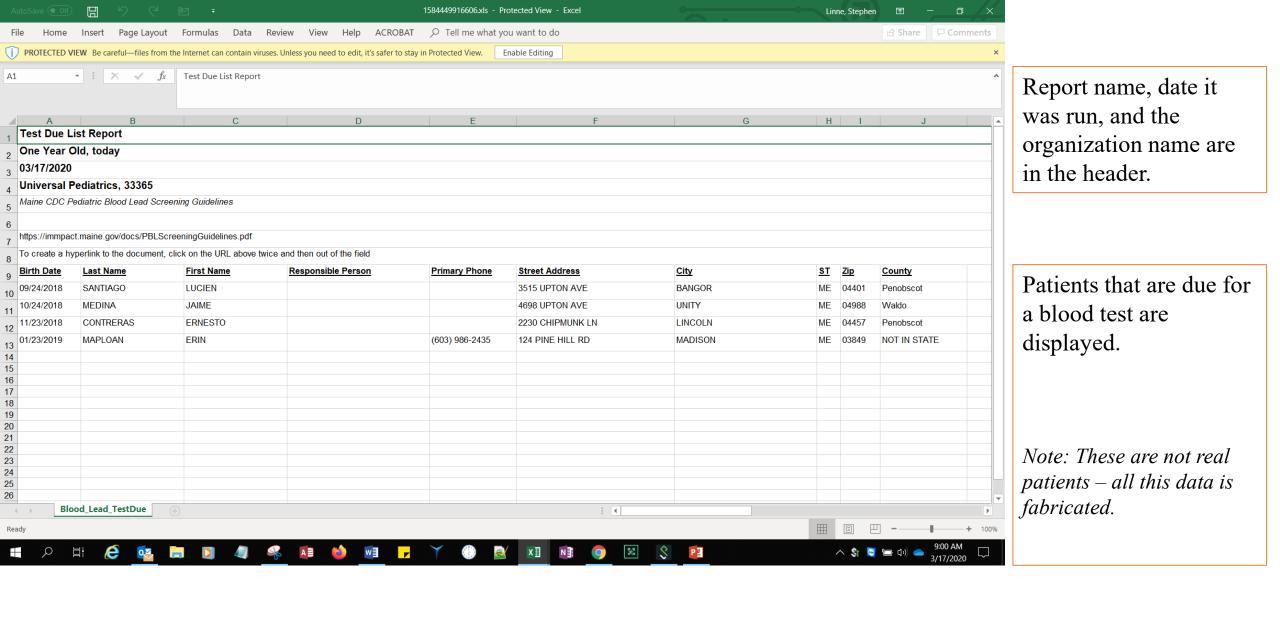
The report results are presented and can be sorted or manipulated using standard Excel commands.

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









### User Resources and Help

- Maine CDC Website on Childhood Lead Poisoning Prevention:
  - https://www.maine.gov/dhhs/mecdc/environmental-health/eohp/lead/providers.shtml
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