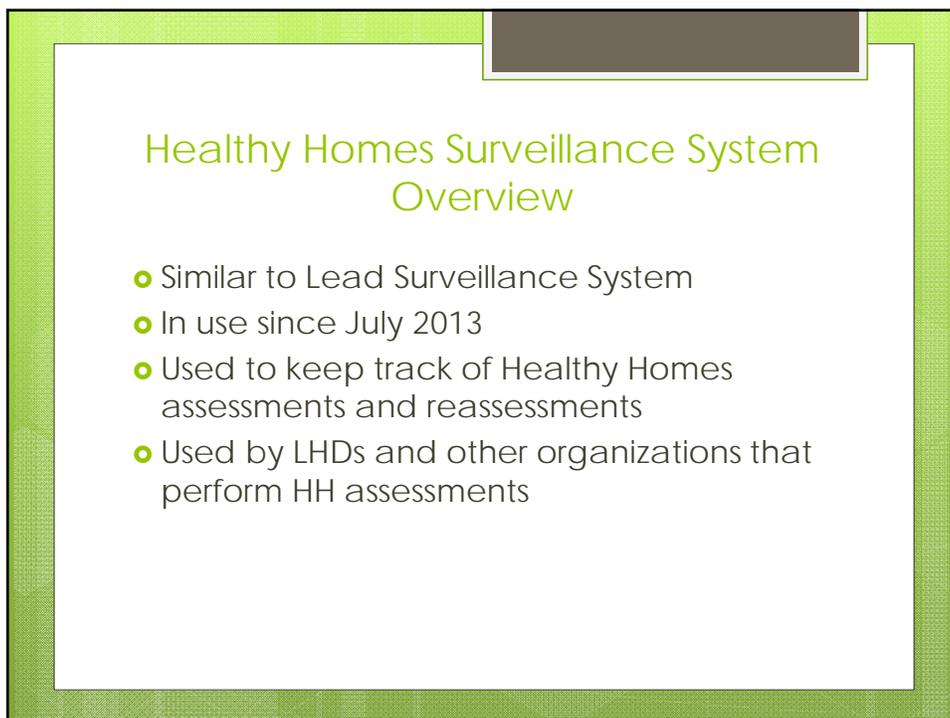


Healthy Homes
and Radon
Surveillance
Systems

Jimmy Davila
Semi-Annual Meeting
9/12/2014



Healthy Homes Surveillance System Overview

- Similar to Lead Surveillance System
- In use since July 2013
- Used to keep track of Healthy Homes assessments and reassessments
- Used by LHDs and other organizations that perform HH assessments

Connecticut Public Health Network

Summary

Basic Information	Notes
ID: 103325870	
Data Type: Healthy Homes	
Property: 12345 Science Blvd, HARTFORD, CT 06123	
Date: Create Date: 09/11/2013	
Type: Interactive	
Status: Open	
Linked Data: 0 Data Elements (View)	
Attachments: 0 attachments (View)	
Notifications: The due date of the re-assessment is : 12/10/2013 The initial assessment date is : 09/11/2013	

Metadata Information

Data	Lab Results	Concerns	Property	Tasks	Record Properties	Audit Trail
Question Packages						
QUESTION PACKAGE			PROPERTY	LAST UPDATE	UPDATED BY	STATUS
Home Information			Record	07/29/2014	Davilaj-admin	Incomplete
Housing Characteristics			Record	09/11/2013	mlku	Incomplete
Property Exterior			Record	09/11/2013	mlku	Incomplete
Indoor Environment			Record	09/11/2013	mlku	Incomplete
General Home Safety			Record	09/11/2013	mlku	Incomplete
Indoor Environment Quality			Record	09/11/2013	mlku	Incomplete
Home Information (Reassessment)			Record	09/11/2013	mlku	Incomplete
Housing Characteristics (Reassessment)			Record	09/11/2013	mlku	Incomplete
Property Exterior (Reassessment)			Record	09/11/2013	mlku	Incomplete
Indoor Environment (Reassessment)			Record	09/11/2013	mlku	Incomplete
General Home Safety (Reassessment)			Record	09/11/2013	mlku	Incomplete
Indoor Environment Quality (Reassessment)			Record	09/11/2013	mlku	Incomplete
Outcomes			Record	09/11/2013	mlku	Incomplete

View Question Package Wizard

Question Package - Details

Name: Home Information

Description:

General Home Safety Package

Status: Incomplete (Number of Questions 25, Incomplete Required Questions 4)

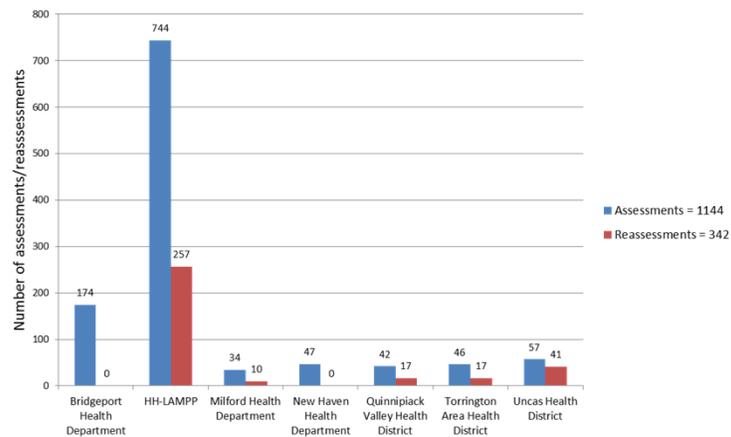
Save Cancel

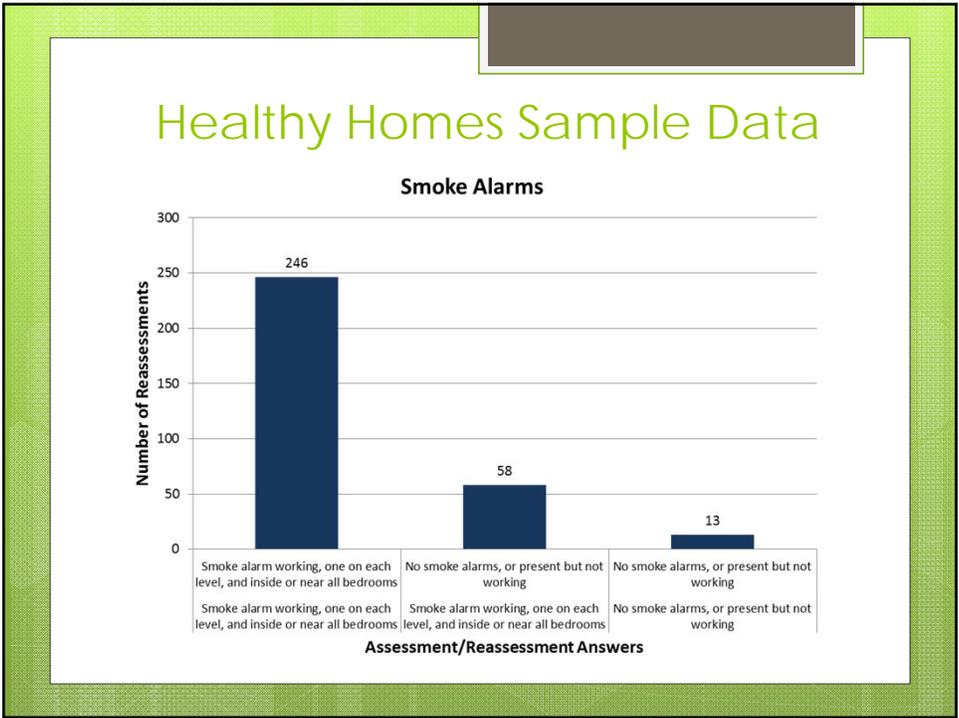
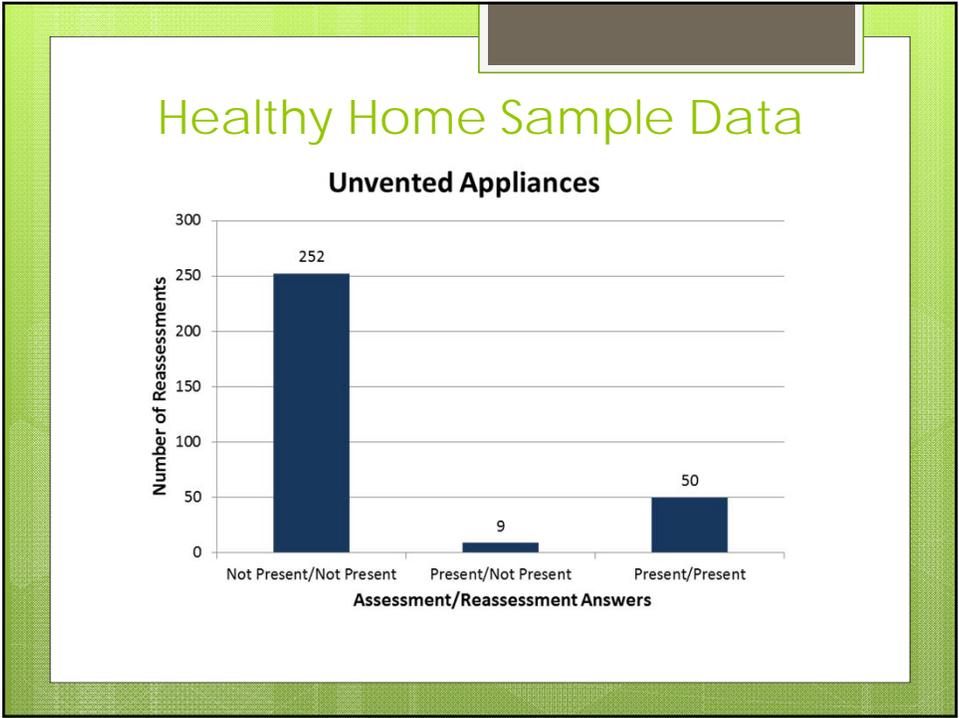
- * Stair Railings / Porches / Ramps: Broken, Insecure, Damaged, Loose, Unusable
- * Refer to Appropriate Authority: Yes
- * Steps / Stairs: Not Broken or Missing
- * Step / Stair / Floor Covering: No covering on stairs / floors
- * Exits / Stairs / Walkways Kept Clear: Kept Clear
- * Stairwell Lighting: Light present at top and bottom of stairs
- * Hallway Lighting: Adequate, present
- * Living Area Lighting: Adequate, present
- * Family Fire Escape Plan: Developed and copy is available
- * Matches and Lighters stored: Out of children's reach
- * Bathroom / Shower Non-slip: Non-slip surface present
- * Bathroom Grab Bars: Installed
- * Poison Control Number (1-800-222-1222): Not posted by phone
- * Cleaning Supply, Pesticides, Chemical Storage: Out of children's reach
- * Medicine and vitamins stored: Out of children's reach
- * Hot Water? Yes
- Maximum Hot Water Temperature (Greater than 120F = Scalding Risk): 115
- * Stair gates: Yes
 - Where are stair gates located: Top Bottom
 - Secured to wall: Top Bottom
- * Window Guards (Above 1st Floor): N/A - No children or first floor dwelling unit only
- * Window blind cords: Cordless window treatments used
- * Electrical Plate Covers: Installed, good condition Cover is missing (exposed wiring) Cover is broken
- * Child Tamper-Resistance Outlet Covers: Tamper resistant outlet covers present

Healthy Homes Surveillance System Assessments

- Currently ~1200 assessments and ~350 reassessments in the system
- Dates of assessments - 9/10 to present
- We are in the process of evaluating data (using dates between 9/1/2010 and 6/30/2014) to determine:
 - which hazards are most prevalent
 - the effectiveness of assessments
 - overall effectiveness of program
- A report will be created in the near future

Healthy Homes Surveillance System Evaluation





Radon Surveillance System Overview

- In use since January 2014
- Used to keep track of:
 - Air and water radon test results for:
 - residential
 - day care
 - schools
 - Remediation activities and post remediation test results (air and water)
- Currently, just DPH staff are using the system
- Use data to map results and run reports to encourage radon testing and mitigation

The screenshot shows the 'Connecticut Public Health Network' web interface. The main content area displays a 'Summary' section for a radon record with ID 10322944. The record details include: Data Type: Radon; Property: 25 Royal Oaks Avenue, GUILFORD, CT 06437; Create Date: 08/15/2014; Type: Batch; Status: Open; Facility Type: Residential. Below the summary is a 'Metadata Information' section with a table of question packages.

Question Packages	PROPERTY	LAST UPDATE	UPDATED BY	STATUS
Demographics	Record	08/15/2014	Davilaj-admin	Complete
Measurement	Record	08/15/2014	Davilaj-admin	Complete
Mitigation	Record	08/15/2014	Davilaj-admin	Complete

Below the table is a 'Question Package - Details' section with the following information:

- Name: Demographics
- Description:
- Property:
- Status: Complete
- Number of Questions: 7
- Incomplete Required Questions: 0
- Last Update: 08/15/2014
- Updated By: Davilaj-admin

Measurement Package - Windows Internet Explorer
https://dphapp1.ct.gov/epht/editQuestionPackage.do

ct ethics acknowledgement form

File Edit View Favorites Tools Help

Measurement Package X http://www.ct.gov/d... PeopleSoft session ex... State HR - HR Forms http://www.ct.gov/d... CDC - Page Not Found http://www.cdc.gov/... Conscience Software...

Measurement Package, 25 Royal Oaks Avenue, GUILFORD, CT 06437 Radon

Status: Complete (Number of Questions: 113, Incomplete Required Questions: 0) Save Cancel

Highest air test result:	0.0	Highest water test result:	1000.0
The Air test result for most recent date:	0	The 2nd Air test result for most recent date:	N/A
The letter sent date for most recent test:			
Does this case have duplicate sample ID?	0		
*Data Reported Date:	08/12/2014		
Sample ID:	12348		
Person who conducted testing:	Don Mattingly		
Company:	Kathleen Williamson/21 Griffin Rd NWindser/CT06095/860/298-4308/103081RT		
Name of Company:	Kathleen Williamson		
Street Address:	21 Griffin Rd N		
City:	Windser		
State:	CT		
Zip:	06095		
Telephone:	(860) 298-4308		
Fax:			
Email:			
Cert#:	103081RT		
Professional:			
Deployment Date:	07/02/2005		
Deployment Time:	12:01	AM/PM:	PM
Retrieval Date:	04/19/2008	AM/PM:	AM
Retrieval Time:	1:31		
Date of Analysis:	12/29/2012		
Test Location:	Other		
If other, please specify:			
Purpose of test:	Diagnostic		
Result of Air Testing:	1.92	2nd Result of Air Testing:	
High Radon Level Letter Sent Date:			
Result of Water Testing:			
Data Reported Date:	09/13/2014		
Data Reported Date:	09/14/2014		
Data Reported Date:	09/15/2014		

* Indicates required field

Save Cancel Help

Mitigation Package - Windows Internet Explorer
https://dphapp1.ct.gov/epht/editQuestionPackage.do

ct ethics acknowledgement form

File Edit View Favorites Tools Help

Mitigation Package X http://www.ct.gov/d... PeopleSoft session ex... State HR - HR Forms http://www.ct.gov/d... CDC - Page Not Found http://www.cdc.gov/... Conscience Software...

Mitigation Package, 25 Royal Oaks Avenue, GUILFORD, CT 06437 Radon

Status: Complete (Number of Questions: 32, Incomplete Required Questions: 0) Save Cancel

Most Recent POST air test result:	0.0	Most Recent POST water test result:	1000
POST Air is higher than Pre:	0		
Date Work Reported:	09/15/2014		
Date System Installed:	09/14/2014		
Company:			
Professional:			
Basement in home:	Yes		
Type of Basement:			
Type of Work Performed:	<input checked="" type="checkbox"/> Air <input type="checkbox"/> Water		
PRE-Mitigation Rn Test Location:			
POST-Mitigation Rn Test Location:			
PRE-Mitigation Rn Level (pCi/L) - air result:	0.0		
POST-Mitigation Rn Level (pCi/L) - air result:	0.0		
Type of Work Performed for Air Mitigation:	<input checked="" type="checkbox"/> Sealing/caulking <input type="checkbox"/> Add fan to existing passive vent <input type="checkbox"/> Drantile Suction <input type="checkbox"/> Sump Hole Suction <input type="checkbox"/> Heat Recovery Ventilation (HRV)	<input type="checkbox"/> Replaced existing fan <input type="checkbox"/> Subslab Suction/Subslab Depressurization <input type="checkbox"/> Blockwall Suction <input type="checkbox"/> Submembrane Depressurization in a crawlspace	
Type of H2O Mitigation:			
PRE-Mitigation Rn Level (pCi/L) - water result:	1000.0		
POST-Mitigation Rn Level (pCi/L) - water result:			
Date Work Reported:	09/15/2014		
Date System Installed:	09/14/2014		
Company:			
Professional:			
Basement in home:			
Type of Work Performed:	<input type="checkbox"/> Air <input checked="" type="checkbox"/> Water		
PRE-Mitigation Rn Test Location:			
POST-Mitigation Rn Test Location:			
PRE-Mitigation Rn Level (pCi/L) - air result:	0.0		
POST-Mitigation Rn Level (pCi/L) - air result:			
Type of Work Performed for Air Mitigation:	<input type="checkbox"/> Sealing/caulking <input type="checkbox"/> Add fan to existing passive vent <input type="checkbox"/> Drantile Suction <input type="checkbox"/> Sump Hole Suction <input type="checkbox"/> Heat Recovery Ventilation (HRV)	<input type="checkbox"/> Replaced existing fan <input type="checkbox"/> Subslab Suction/Subslab Depressurization <input type="checkbox"/> Blockwall Suction <input type="checkbox"/> Submembrane Depressurization in a crawlspace	

Radon Surveillance System

- Historical data going back to 1991
- Over 5000 points of data for measurement (so far)
- 7 for mitigation (so far)
- Follow-up letters to homeowners indicating re-testing or mitigation is recommended
- Working on legislation requiring reporting of radon test results from laboratories