

Example Strategy for Collecting Weekly Influenza Alternate (non-PHL) Data

Lessons from Iowa on use of SurveyMonkey.com for Alternate Data

Prepared by Jeff Benfer and Dr. Lucy DesJardin

The State Hygienic Laboratory (SHL) in conjunction with the Iowa Department of Public Health's (IDPH) State Epidemiologic Influenza Coordinator has been using SurveyMonkey.com to collect RIDT results data for influenza and respiratory syncytial virus (RSV) from laboratories, hospitals and clinics throughout the state of Iowa since 2009. We have since expanded the survey to include other test methods used in clinics such as PCR.

This data is collected each week, by creating a new survey link and distributing it to all the participating sites via an email distribution list. Each year participants on this distribution list are contacted to update contact information. The participants follow the link to an easy to fill out online survey each week to report the total number tested (denominator data), the total positive (numerator data) and then also for flu the number positive for Flu A and the number positive for Flu B. The survey also collects what test method is used (see attachment A, B and C).

These data are then totaled by SHL by six geographic regions and also state totals (total tested, total positive, total positive Flu A, total positive Flu B, total % positive, % Flu A and % Flu B). These data are assembled by SHL in an excel spreadsheet which lists the county, participating site name and their respective data (see attachment D). This spreadsheet is then shared with IDPH to be incorporated into other surveillance data. The weekly spreadsheet is also disseminated to all the participating sites the next week with the current SurveyMonkey.com link. The process of providing the previous week's summary data to the participating sites was implemented in 2013 as a way of encouraging participation. The sites have provided feedback that they value seeing what other sites are reporting throughout the state.

Data from the survey is compiled weekly by the IDHP Influenza Surveillance Coordinator along with the public health lab (PHL) data, quick stats for the current reporting week, and statewide, national, and international activity summaries and maps, other respiratory virus positive results, outpatient health care provider surveillance program (ILINet) data, influenza-associated hospitalizations, Iowa school surveillance program data, influenza vaccination report and an overall regional activity summary and map (see attachment E).

For screenshots of the surveymonkey.com tool and [data analysis excel spreadsheet](#), please see below figures.



Rapid Influenza & RSV Report

Rapid Influenza & RSV Report - Week 20 (May 11-17)

Instructions: Please select your laboratory from the lists by region. Then report your rapid test data, by the end of the day Tuesday, May 20th.

*1. Your name:

*2. Contact email address:

3. Laboratories in Region 1

4. Laboratories in Region 2

5. Laboratories in Region 3

6. Laboratories in Region 4

7. Laboratories in Region 5

8. Laboratories in Region 6

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Rapid Influenza & RSV Report

Influenza Tests

*1. Did your lab perform Influenza tests this week?

☒ Yes

☐ No

2. Total Number of Samples Tested

3. Total Influenza Test Positives

Total Positives	
Total Positives for A	
Total Positives for B	

4. Which test(s) did you perform?

☒ Lab Developed PCR

☐ 3M Rapid Detection Flu A+B Test

☐ Directigen Flu A

☐ Directigen Flu A+B

☐ Directigen Flu EZ A+B

☐ BinaxNOW Influenza A&B

☐ OSOM Influenza A&B

☐ QuickVue Influenza Test

☐ QuickVue Influenza A+B Test

☐ Other (please specify)

☐ SAS FluAlert

☐ TRU FLU

☐ XPECT Flu A&B

☐ BD Veritor System for Rapid Detection of FLU A+B

☐ Cepheid Xpert Flu, GENEXPERT DX SYSTEMS

☐ Quidel Molecular Influenza A+B

☐ Liat Influenza A/B Assay

☐ Prodesse ProFAST+ Assay

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Rapid Influenza & RSV Report

Rapid RSV Tests

*1. Did your lab perform rapid RSV tests this week?

- ☒ Yes
☐ No
☐ N/A-Do not perform RSV rapid testing

2. Total Number of Samples Tested

14

3. Total Positives

5

4. Which RSV Rapid Test did you use?

- ☒ QuickVue RSV Test
☐ Meridian TruRSV
☐ Fisher SureVue RSV test kit
☐ BD Veritor System
☐ ClearView RSV Rapid Test
☐ SAS RSV Alert Testing Kit
☐ BinaxNOW RSV Test
☐ Directigen EZ RSV Test
☐ Xpect RSV Test
☐ Other (please specify)

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2014 Week 4 January 19-25									
# Participants: 63									
County	Laboratories in Region 1	Influenza					RSV		
		# Tested	Total Positive	Positive A	Positive B	Positive Undif.	Rapid Test Used	# Tested	Total Positive
Boone	Boone County Hospital								
Polk	Broadview Medical Center	41	13	13			Cepheid Xpert, GenExpert	1	1
Polk	Clinical Pathology Laboratory								
Dallas	Dallas County Health System	4	1	1	0		QuickVue	1	1
Polk	Des Moines VA Medical Center	19	4	4	0		QuickVue	NA	
Hardin	Elsworth Municipal Hospital	6	0				QuickVue	1	0
Greene	Greene County Medical Center						Binax		Binax
Poweshiek	Ginnell Regional Medical Center						BD Veritor		Binax
Grundy	Grundy County Memorial Hospital								
Hamilton	Hamilton County Public Hospital	12	5	5	0		Directigen	3	1
Hardin	Hubbard Medical Clinic	2	1	1	0		Binax	NA	
Polk	Iowa Lutheran Hospital								
Polk	Iowa Methodist Medical Center								
Polk	Iowa Veterans Home	0					Binax	NA	
Marshall	Marshalltown Medical/Surgical Center								
Story	Mary Greeley Medical Center Lab						Quidel Molecular		Meridian TruFlu
Story	McFarland Clinic PC	33	15	15	0		Binax	4	0
Polk	Meroy Clinical Laboratory								
Polk	Meroy Hospital Medical Center								
Polk	Pathology Laboratory								
Jasper	St. Anthony Regional Hospital	22	6	6	0		QuickVue	6	3
Carroll	St. Anthony Regional Hospital	9	1	1			TruFlu	0	
Calhoun	Stewart Memorial Community Hospital								
Story	Story County Medical Center						Binax		
Story	Thielen Student Health Center (HSU)	20	4	4	0		QuickVue		
Webster	Trinity Regional Medical Center	65	13	12	1		Quidel	15	7
Webster	Trinity Regional Medical Center	65	13	12	1		Quidel	15	7
Totals		233	63	62	1			31	13
% Positive Region 1:		27.0%						41.9%	
County	Laboratories in Region 2	Influenza					RSV		
		# Tested	Total Positive	Positive A	Positive B	Positive Undif.	Rapid Test Used	# Tested	Total Positive
Emmet	Avera Holy Family Health						QuickVue		
Wright	Belmont Medical Center								
Bremner	Community Memorial Hospital								
Winneshiek	Goodrich Clinic/Mayo Health System								
Floyd	Floyd County Memorial Hospital	16	0				TruFlu	5	1
Franklin	Franklin General Hospital	10	1	1			QuickVue	0	
Hancock	Hancock County Memorial Hospital								
Fayette	Heart of the Valley Healthcare								
Humboldt	Humboldt Community Memorial Hospital	4	2	2			QuickVue	1	0
Kossuth	Kossuth Regional Health Center								
Fayette	Meroy Hospital of Franciscan Sisters								
Chickasaw	Meroy Medical Center- New Hampton								
Griggs	Meroy Medical Center- North Iowa	32	6	6			QuickVue	11	4
Mitchell	Mitchell County Regional Health Center								
Fayette	Palmer Lutheran Health Center	4	1	1			QuickVue	0	
Howard	Regional Health Services of Howard County								
Allamakee	Veterans Memorial Hospital	11	3	3			QuickVue	0	
Bremner	Weaver Health Center	11	0				QuickVue	2	1
Winneshiek	Winneshiek Medical Center	29	7	6	1		BD Veritor	8	3
Wright	Wright Medical Center								
Totals		117	20	19	1			27	9
% Positive Region 2:		17.1%						33.3%	

[illegible]