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Description of document: Centers for Disease Control and Prevention (CDC) Records
Pertaining to Defense Advanced Research Projects
Agency's (DARPA) Information Awareness Office (IAO),
2001

Request date: 11-July-2002

Released date: 28-November-2014

Posted date: 15-June-2015

Source of document: FOIA Officer
CDC/ATSDR
Attn: FOIA Office, MS: D54
1600 Clifton Rd, NE
Atlanta, GA 30333
Fax: (404) 235-1852
Email: FOIARequests@cdc.gov
[Online FOIA Request Form](#)

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Centers for Disease Control
and Prevention (CDC)
Atlanta GA 30333

November 28, 2014

This letter is in response to your July 11, 2002, Freedom of Information Act (FOIA) request seeking respective records pertaining to DARPA's Information Awareness Office (IAO) which was originally sent to the Department of Defense (DOD). DOD referred a portion of their responsive records to the Centers for Disease Control and Prevention Agency for Toxic Substances and Disease Registry (CDC/ATSDR). On October 29, 2014, the responsive records were received by the CDC/ATSDR FOIA Office for processing.

Enclosed are the documents you requested (5 pages).

Sincerely,

A handwritten signature in blue ink, appearing to read "Katherine Norris", is written over a circular blue ink stamp.

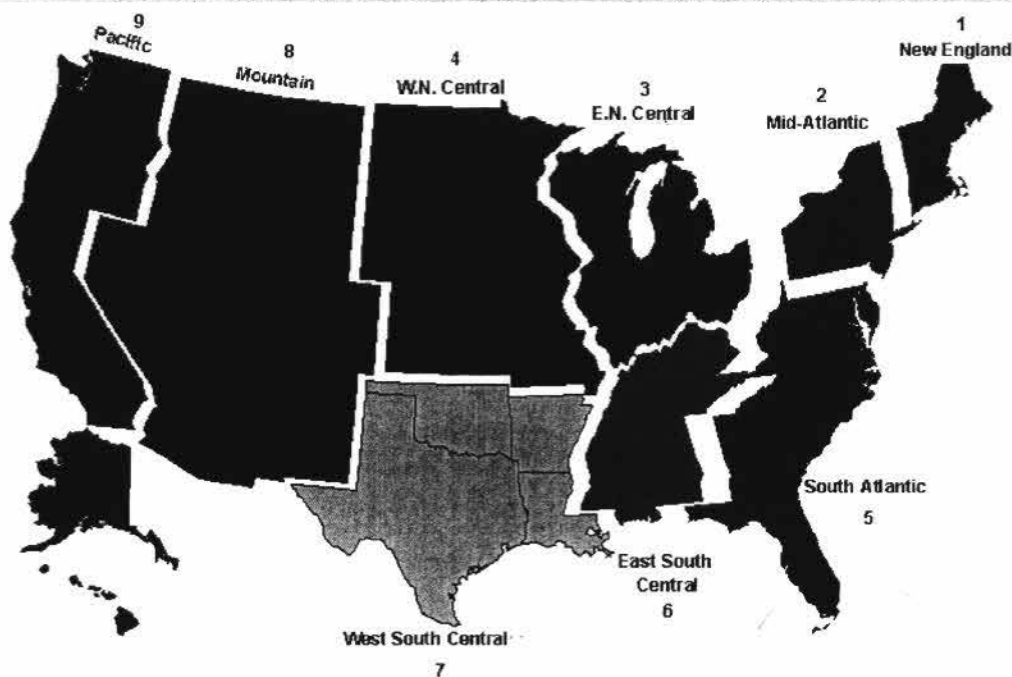
A small, stylized blue ink mark, possibly a logo or a signature element, is located to the left of the name Katherine Norris.

Katherine Norris
CDC/ATSDR FOIA Officer
Office of the Chief Information Officer
Phone: (770) 488-6399
Fax: (404) 235-1852

Enclosures

15-00132-FOIA

CDC Influenza Regions

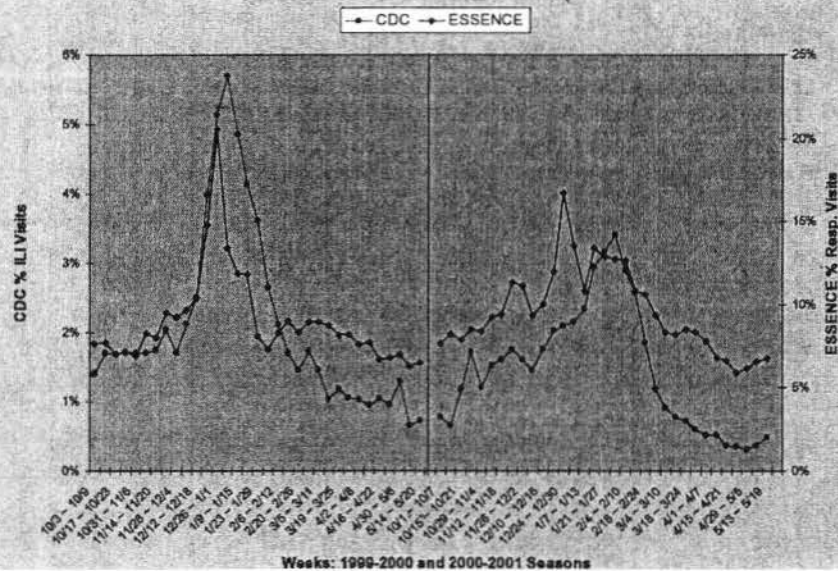


Methods

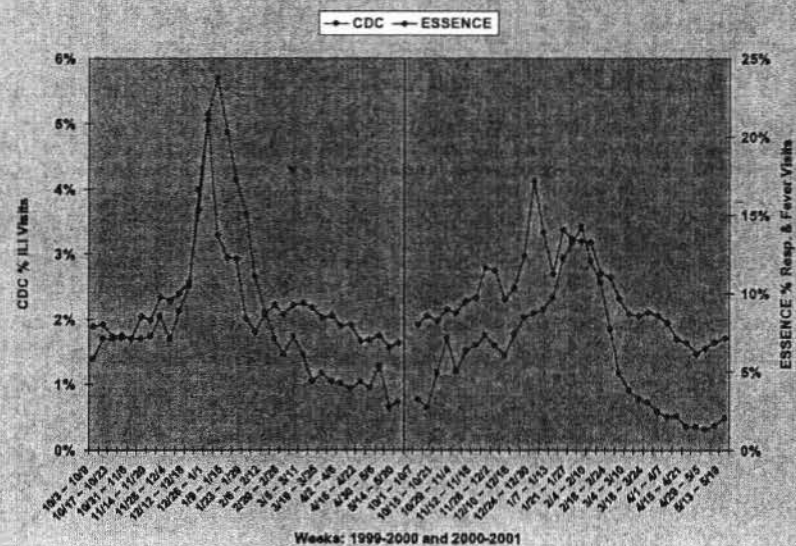
- Compare the % of visits for combinations of specific respiratory and febrile conditions in ESSENCE with what is reported by the CDC's sentinel physicians surveillance network
 - Number and percent of patients seen was calculated for the following three groups:
 - Respiratory and Fever
 - Respiratory
 - ICD-9 codes specific to ILI
 - Graphs using each combination were drawn to find the syndrome group that best matched CDC data



	CDC	ESSENCE
Region	South Atlantic	National Capital
Category	% ILI Visits	% Respiratory Visits

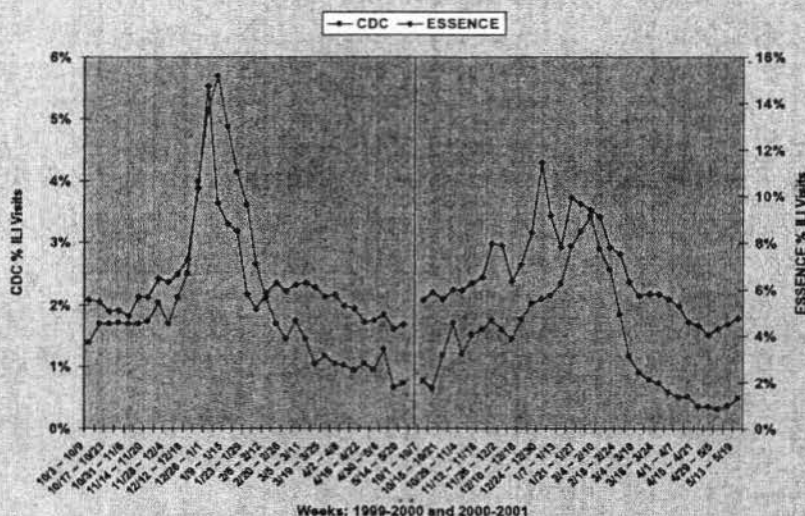


	CDC	ESSENCE
Region	South Atlantic	National Capital
Category	% ILI Visits	% Resp. & Fever Visits





	CDC	ESSENCE
Region	South Atlantic	National Capital
Category	% ILI Visits	% ILI Visits



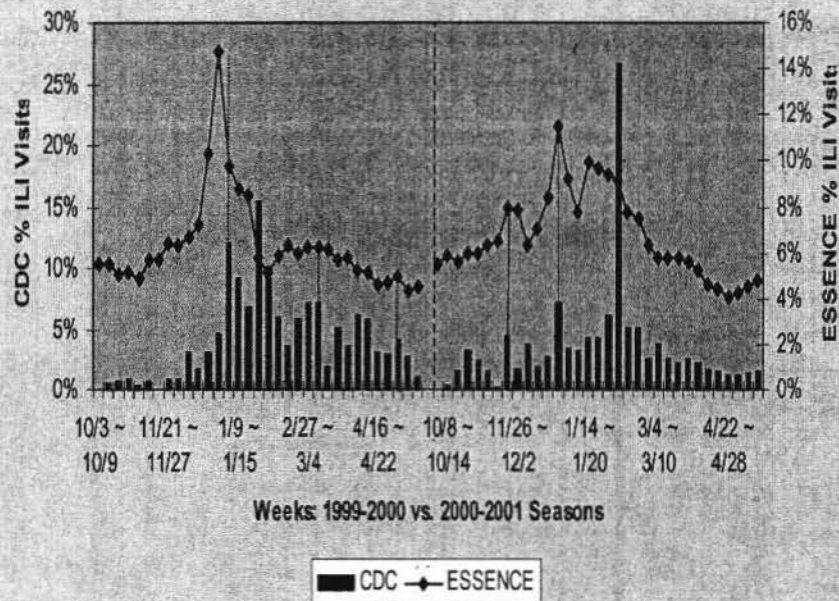
Correlation Analysis

- ICD-9 codes specific to ILI visits showed strongest relationship
 - R = 0.95 for 2000-2001 season using Spearman's correlation coefficient
 - R = 0.89 for 2000-2001 season using Pearson's correlation coefficient

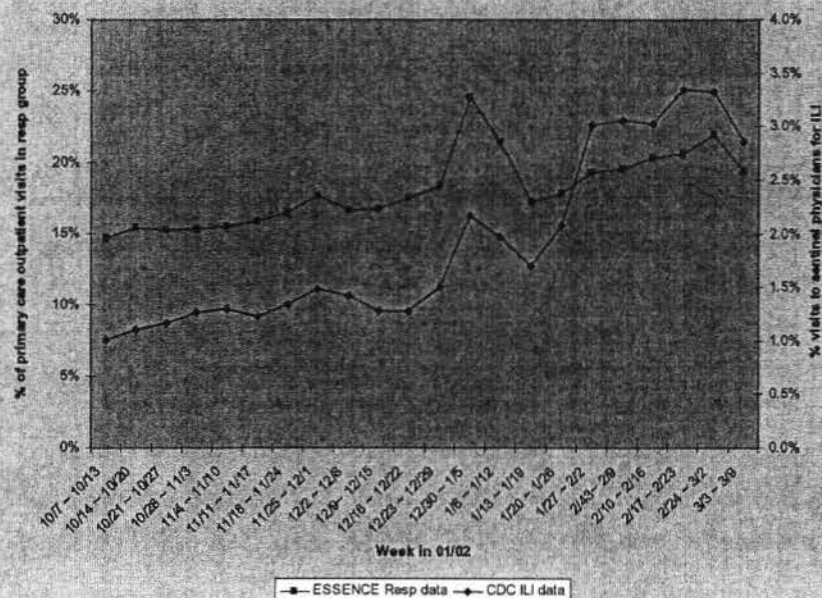
		Correlation Coefficient	
	ESSENCE DATA	1999-2000	2000-2001
Pearson's	% with Resp.	0,81	0,85
	% with Resp. & Fever	0,81	0,87
	% with ILI	0,83	0,89
Spearman's	% with Resp.	0,65	0,94
	% with Resp. & Fever	0,65	0,93
	% with ILI	0,65	0,95



CDC (VA, MD, and DC Area) vs. ESSENCE



CDC Sentinel Physician Compared to ESSENCE ILI Codes Nationwide 2001-2002 Influenza Season





Small Clusters/Outbreaks

