

How to Use Communicable Disease Branch Reports and Information

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How to Use Communicable Disease

Branch Reports and Information

- Wake AHEC requires all speakers to disclose any relevant financial conflicts of interest.
- Nicole Dzialowy has no relevant financial conflicts of interest to disclose.

Objectives

- Data in Public Health
 - Importance
 - Limitations
- Communicable Disease Branch Facts & Figures Reports
 - Demonstrate frequently used reports and how they can be used
 - Where to find reports online





Background: Data in Public Health

- Importance
 - What diseases?
 - Where they are occurring?
 - How can we prevent spread?

- Limitations
 - Population size
 - State vs Region vs County
 - Disease frequency
 - Pertussis vs Measles
 - Data sources
 - Delay in reporting
 - Chlamydia vs Salmonellosis





Communicable Disease Facts & Figures

DHHS Home A-Z Site Map Division:							
	s About Us Contacts En Es	pañol	Search Term(s):	Search			
NC Department of Health and Human Services			Epidemio	Home North Carolina Public Health			
INDIVIDUALS & FAMILIES	LOCAL HEALTH DEPTS	HEALTHCARE PROVIDERS	SCHOOLS, BUSINESSES & COMMUNITY GROUPS	Facts & Figures			
Communicable Disease	Epidemiology > Communicable	Disease > Facts & Figures					
НОМЕ	Facts & Figures						
A-Z Diseases & Topics		cable Disease Reports					
Facts & Figures		able Disease Reports					
AIDS/HIV/STDs	All individually identifying information reported to the Division of Public Health is confidential and protected by law. Surveillance information is shared routinely and voluntarily with the CDC and public health partners and practitioners throughout the state in a manner compliant with HIPAA (Health Insurance Portability and						
Communicable Diseases							
Healthcare-Associated							
Infections	Accountability Act). North Carolina is committed to the meaningful use of electronic disease						
Influenza	surveillance data, including contributing to the CDC's Morbidity and Mortality Weekly Report (MMWR)						
Outbreak Reports - Historical	🖗 and the North Carolina Epidemiology Section's EpiNotes quarterly newsletter.						
Rabies (in Animals)	The legal rules for the release of communicable disease records for bona fide research purposes are covered by <u>10A NCAC 41A .0104</u> &. For information on available health statistics or to inquire about						
Spay/Neuter - Companion							
Animals	additional reports and						
Tuberculosis Vaccine-Preventable Diseases	· ·						
	 AIDS/HIV and STDs Communicable Diseases Healthcare-Associated Infections Influenza Outbreak Reports of Historical Significance Rabies (in Animals) 						
Programs & Services							
Surveillance & Reporting							
Disease Laws & Rules							
About Us							
Contact Us	Spay/Neuter Program for Companion Animals						
Quick Links	 <u>Tuberculosis</u> 						
EpiNotes	 Vaccine-Prevent 	table Diseases					
Meaningful Use of Electronic	Communicable Disea	ises					
Data	These reports include	most diseases reportable by law	in North Carolina. A few diseas	es with low incidence			
Related Programs		irrent version of the reports but					
<u>State Center for Health</u> <u>Statistics</u>	See North Carolina administrative code <u>10A NCAC 41A .0101</u> & for the current list of reportable diseases.						



http://epi.publichealth.nc.gov/cd/figures.html



HIV/STI Reports

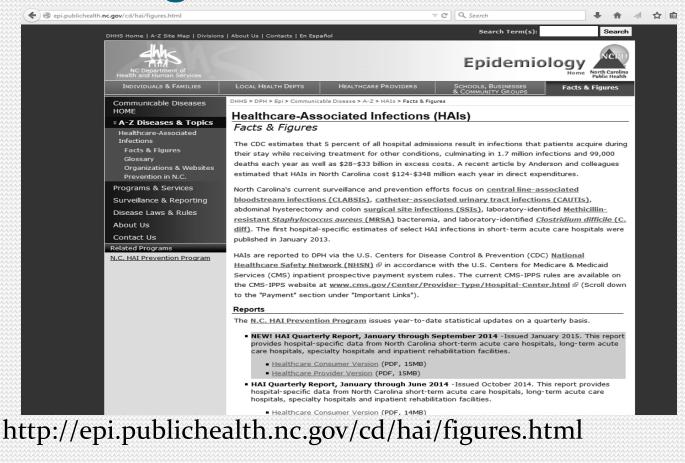




http://epi.publichealth.nc.gov/cd/stds/figures.html



Healthcare-Associated Infections (HAIs) Facts & Figures







Influenza (Flu) Information

(www.flu.nc.gov

V C Q Search

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Home Information FAQs News Statistics Providers Contact

Early antiviral treatment works best.

About Influenza (Flu) Viruses



Flu activity is high across most of the country with flu illnesses, hospitalizations and deaths elevated. Flu season will probably continue for several weeks.

While the flu vaccine may not work as well as usual against some H3N2 viruses, **vaccination** can still protect some people and reduce hospitalizations and deaths, and will protect against other flu viruses.

Influenza antiviral drugs can treat flu illness. CDC recommends these drugs be used to treat people who are very sick or who are at high risk of serious flu complications who have flu symptoms. Early antiviral treatment works best.

Flu symptoms include:

- A 100°F or higher fever or feeling feverish (not everyone with the flu has a fever)
- · A cough and/or sore throat
- · A runny or stuffy nose
- · Headaches and/or body aches
- Chills
- Fatigue
- · Nausea, vomiting, and/or diarrhea (most common in children)

Source: CDC.gov



FILTER: ALL ANTIVIRALS PREVENTION SYMPTOMS EMPLOYERS HIGH RISK GROUP CHILDREN ESPAÑOL

older needs a flu vaccine. Enter Zip Code powered by HealthMap Tweets

Flu Vaccine Finder Find Nu G

ж.



low risk to ppl now, but human infections may be possible: 1.usa.gov/1Hrw17S Expand



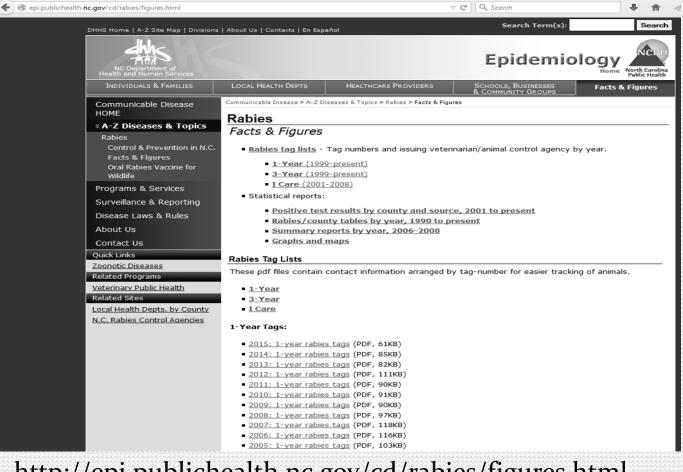
#Flu activity continues to decrease, but remains elevated in the U.S. More in: 1.usa.gov/1dgiUJY Expand







Rabies Facts & Figures





http://epi.publichealth.nc.gov/cd/rabies/figures.html



Tuberculosis Facts & Figures

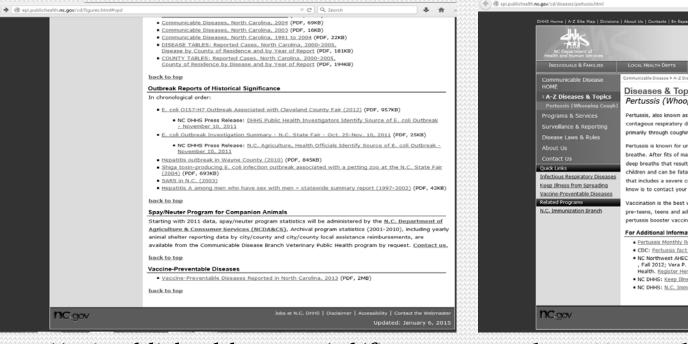
			Search Term(s):	Search		
DHHS Home A-Z Site Map Division	ns About Us Contacts En Español		Epidemio			
INDIVIDUALS & FAMILIES	LOCAL HEALTH DEPTS	HEALTHCARE PROVIDERS	Schools, Businesses & Community Groups	Facts & Figures		
Communicable Disease HOME	Communicable Disease > A-Z Disease	es & Topics > Tuberculosis > Facts & F				
* A-Z Diseases & Topics Tuberculosis	Facts & Figures					
TB Control in N.C. TB Facts & Figures	The North Carolina Tuberculosis Control program compiles yearly data on reported cases of tuberculosis and drug-resistant tuberculosis in North Carolina. <u>National tuberculosis data</u> & is available from the U.S.					
Programs & Services	Centers for Disease Control		U U U			
Surveillance & Reporting Disease Laws & Rules	<u>Annual summaries</u>					
About Us	 <u>Drug-resistant cases b</u> <u>Data tables showing m</u> 					
Contact Us	Annual North Carolina Tuberculosis Statistical Summaries					
Quick Links N.C. TB Policy Manual Related Programs N.C. TB Control Program Partners in N.C. TB Control	 2013 (PDF, 1.4 MB) 2012 (PDF, 707KB) 2011 (PDF, 707KB) 2010 (PDF, 707KB) 2009 (PDF, 329KB) 2009 (PDF, 329KB) 2007 (PDF, 2.68 MB) 2005 (PDF, 1.24 MB) 2005 (PDF, 1.01 MB) 2003 (PDF, 1.01 MB) 2003 (PDF, 1.31KB) 2002 (PDF, 446KB) 2001 (PDF, 1.66KB) 2000 (PDF, 121KB) 					
		sis Cases in North Carolina	1			
	 2013 (PDF, 26KB) 2012 (PDF, 28KB) 2011 (PDF, 32KB) 					
	 <u>2010</u> (PDF, 56KB) 					



http://epi.publichealth.nc.gov/cd/tb/figures.html

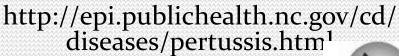


Vaccine-Preventable Diseases (VPD) Reports **General VPDs** Pertussis



http://epi.publichealth.nc.gov/cd/fig ures.html#vpd





Diseases & Topics

know is to contact your doctor.

For Additional Information

CDC: Pertussis fact sheet dP

· NC DHHS: Keep Illness from Spreading

Pertussis (Whooping Cough)

primarily through coughing and sneezing

Pertussis, also known as whooping cough, is a vaccine-preventable, highly

contagious respiratory disease caused by bacteria. It is spread person to person,

Pertussis is known for uncontrollable, violent coughing which often makes it hard to

deep breaths that result in a "whooping" sound. Pertussis most commonly affects infants and young

children and can be fatal, especially in babies under 1 year of age. If you or your child develops a cold

Vaccination is the best way to protect against pertussis. There are vaccines for babies and children,

pre-teens, teens and adults, especially pregnant women. The childhood vaccine is called DTaP, and the

. NC Northwest AHEC Archived Presentation (48 min): Pertussis in Adults-What's the Whoop All About? , Fall 2012; Vera P. Luther M.D., Assistant Professor, Infectious Diseases, Wake Forest Baptist

Health. Register Here for CME Credit (Expires Dec 31, 2013 Northeast AHEC website)

NC DHHS: N.C. Immunization Branch: Vaccine-Preventable Diseases - Pertussis

that includes a severe cough or a cough that lasts for a long time, it may be pertussis. The best way to

breathe. After fits of many coughs, someone with pertussis often needs to take

· Pertussis Monthly Report : January 1 - December 31, 2014 (PDF, 313 KB)

pertussis booster vaccine for adolescents and adults is called Tdap.

C Q Searc

Search Term(s)

Epidemiology



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Updated: March 3, 2015

Questions?

V C Q Search epi.publichealth.nc.gov/cd/contact.html 4 Search Term(s): Search DHHS Home | A-Z Site Map | Divisions | About Us | Contacts | En Español NCR Epidemiology North Carolina Public Health Home SCHOOLS, BUSINESSES & COMMUNITY GROUPS Epidemiology > Communicable Disease > Contact Us EPI HOME Communicable Disease **Communicable Disease** A-Z Diseases & Topics Contact Us Facts & Figures North Carolina's Communicable Disease Branch is part of the Epidemiology Section of the N.C. Division of Public Health, Department of Health & Human Services. Surveillance & Reporting Disease Laws & Rules Phone: (919) 733-3419 (main number; 24 hours) About Us Fax: (919) 733-0490 / Secure Fax: (919) 715-4699 Street Address: Quick Links N.C. Communicable Disease 225 N. McDowell Street Manuals Raleigh, North Carolina 27603 Healthcare-Associated Infections Mailing Address: Veterinary Public Health Communicable Disease Branch Related Programs Epidemiology Section Immunization Branch Division of Public Health State Center for Health N.C. Dept of Health and Human Services Statistics 1902 Mail Service Center Raleigh NC 27699-1902 State Laboratory of Public <u>Health</u> DPH Privacy Statement **Related Sites** Local Health Depts by County U.S. Centers for Disease Control & Prevention (CDC) Jobs at N.C. DHHS | Disclaimer | Accessibility | Contact the Webmaster **NC**,gov Updated: October 29, 2014



