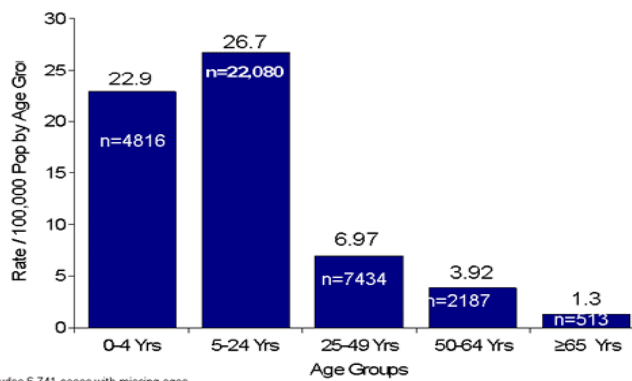


Texas State University-San Marcos H1N1 Influenza Update

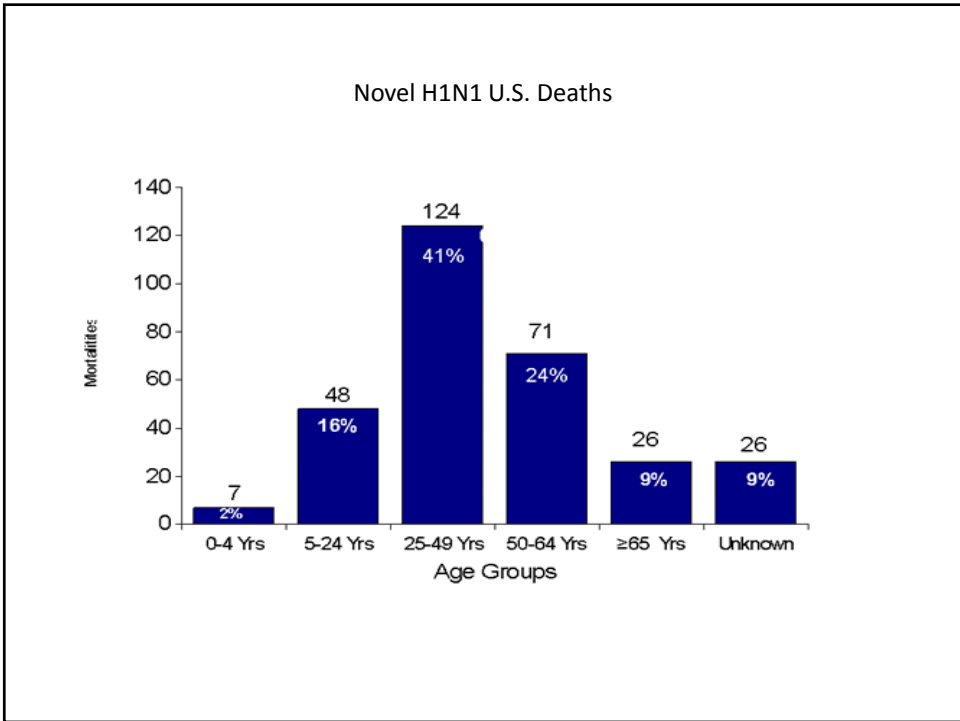
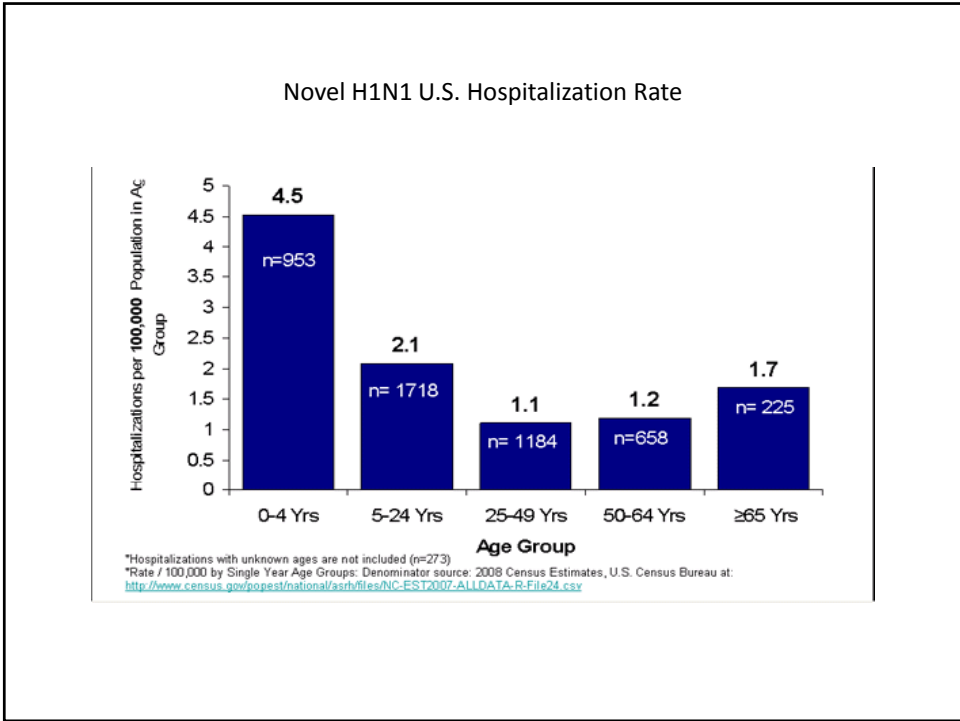
Emilio Carranco, M.D., M.S.
Director, Student Health Center


September 9, 2009

Novel H1N1 Influenza Confirmed and Probable Case Rate in U.S.




*Excludes 6,741 cases with missing ages.
Rate / 100,000 by Single Year Age Groups: Denominator source: 2008 Census Estimates, U.S. Census Bureau at:
<http://www.census.gov/popest/national/asrh/files/NC-EST2007-ALLDATA-R.File24.csv>





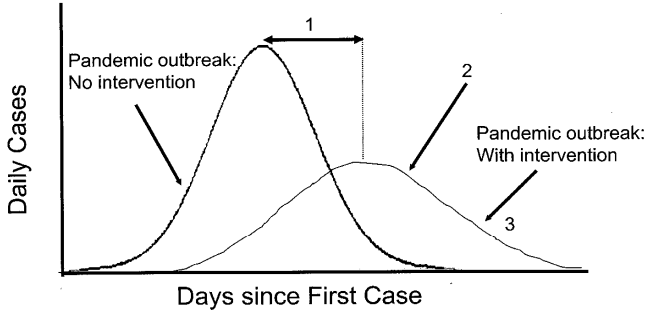
TEXAS
Department of
State Health Services

Non-Pharmaceutical Interventions (NPI) Goals for NPI



* From *Community Strategy for Pandemic Influenza Mitigation* (CDC, February 2007)


1. Reduce those exposed
2. Reduce burden on hospitals
3. See fewer outbreaks



Daily Cases

Days since First Case

Texas Pandemic Influenza Regional Conferences
Non-Pharmaceutical Interventionswww.texasflu.orgPage 5



TEXAS
Department of
State Health Services

Non-Pharmaceutical Interventions (NPI)

Liberty Loan Parade, Philadelphia
(September 28, 1918)


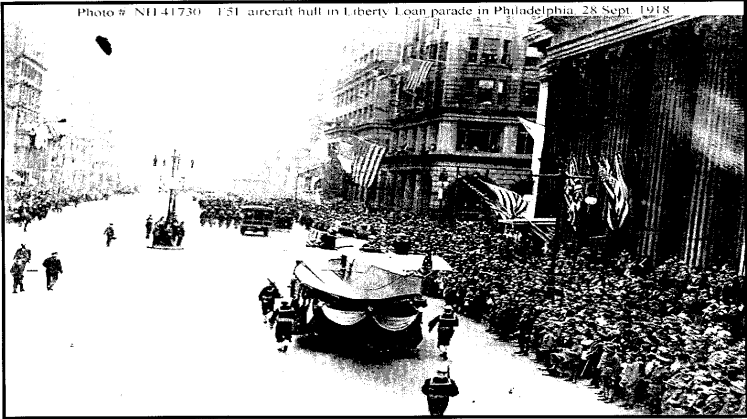
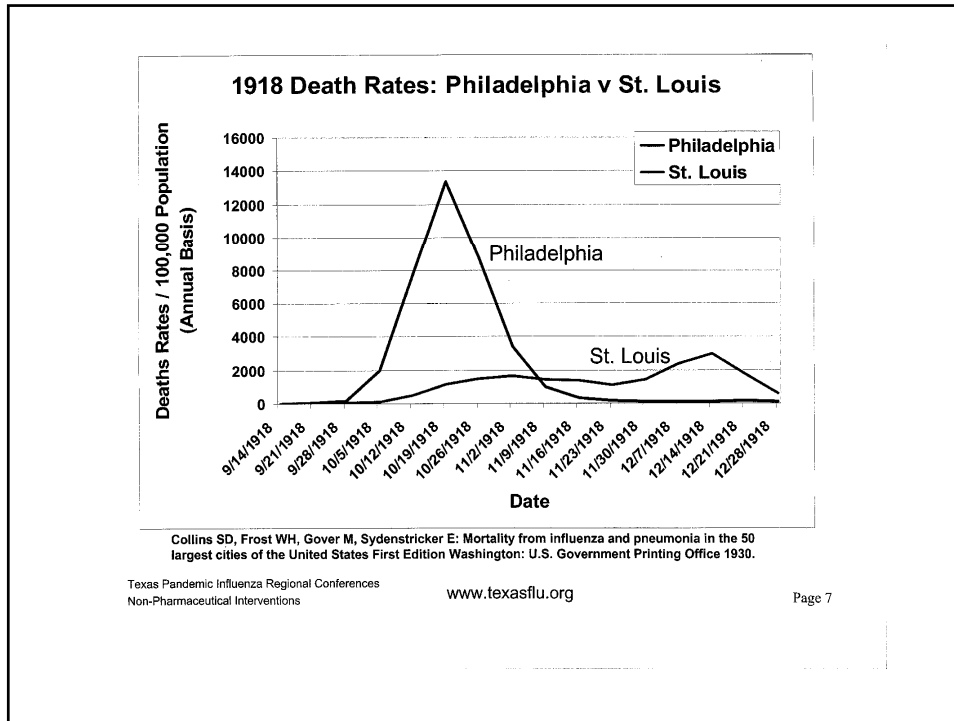


Photo # NH 41730 - 151 aircraft hull in Liberty Loan parade in Philadelphia, 28 Sept. 1918



Texas Pandemic Influenza Regional Conferences
Non-Pharmaceutical Interventionswww.texasflu.orgPage 6



American College Health Association

TABLE - 1: Weekly College ILI Cases Reported as of: Week 36 (Aug 29-Sep 4)

Reporting Institutions: 204		73%		Population Served: 2,409,325		New Case Rate: 16.8 per 10,000	
Institutions w/New Cases: 149				Percent Change From Previous Week:		93.1%	
Total New Cases: 4,045							
HHS Surveillance Region	Total Regional Cases	State/Territory	New Cases	Reported Population Served	Attack Rate (Per 10,000 Served)	Attack Rate % Change From Previous Week	
Region I	20	Connecticut CT	7	11,831	5.9	0.0	
		Maine ME	-	-	-	0.0	
		Massachusetts MA	10	73,539	1.4	0.0	
		New Hampshire NH	0	5,100	0.0	0.0	
		Rhode Island RI	1	32,656	0.3	0.0	
Region II	114	Vermont VT	2	4,208	4.7	N/D	
		New Jersey NJ	28	91,016	3.1	0.0	
		New York NY	77	161,428	6.1	5.7	
		Puerto Rico PR	9	15,000	6.0	8.0	
		Virgin Islands VI	-	-	-	-	0.0
Region III	510	Delaware DE	1	20,910	0.5	0.0	
		District of Columbia DC	82	35,517	14.6	0.0	
		Maryland MD	126	72,108	15.9	36.8	
		Pennsylvania PA	274	179,831	16.2	-0.1	
		Virginia VA	44	52,100	9.4	0.5	
Region IV	2,260	West Virginia WV	3	1,800	16.7	N/D	
		Alabama AL	32	26,890	11.9	3.1	
		Florida FL	441	174,151	25.3	1.8	
		Georgia GA	600	47,850	125.4	0.6	
		Kentucky KY	35	55,500	6.5	1.0	
Region V	384	Mississippi MS	265	34,200	77.5	0.9	
		North Carolina NC	602	102,860	58.6	3.8	
		South Carolina SC	47	19,200	24.5	3.8	
		Tennessee TN	267	43,939	60.5	2.7	
		Illinois IL	17	45,768	3.7	-0.1	
Region VI	352	Indiana IN	15	24,427	6.1	1.7	
		Michigan MI	1	69,850	0.1	-0.3	
		Minnesota MN	16	45,100	3.5	3.0	
		Ohio OH	136	94,851	14.3	0.4	
		Wisconsin WI	199	56,844	35.0	50.1	
Region VII	87	Arkansas AR	38	35,839	10.6	3.5	
		Louisiana LA	4	11,834	3.4	0.5	
		New Mexico NM	9	25,000	3.1	1.5	
		Oklahoma OK	4	8,333	4.8	-0.8	
		Texas TX	286	257,400	11.6	0.2	
Region VIII	217	Iowa IA	0	2,000	0.0	0.0	
		Kansas KS	10	960	104.2	2.3	
		Missouri MO	73	41,300	14.7	0.7	
		Nebraska NE	4	9,400	4.8	2.7	
		Colorado CO	199	143,143	13.9	0.4	
Region IX	60	Montana MT	11	11,500	9.6	4.3	
		North Dakota ND	0	14,500	0.0	0.0	
		South Dakota SD	3	1,500	15.0	N/D	
		Utah UT	-	-	-	-	
		Wyoming WY	4	10,000	4.0	1.0	
Region X	13	American Samoa AS	-	-	-	-	
		Arizona AZ	20	20,000	10.0	0.5	
		California CA	26	178,634	1.5	0.3	
		Fed. States of Micronesia FM	-	-	-	-	
		Guam GU	-	-	-	-	
Region XI	68	Hawaii HI	-	-	-	-	
		Marshall Islands MH	-	-	-	-	
		Nevada NV	22	16,900	13.1	N/D	
		Northern Mariana Islands MP	-	-	-	-	
		Palau PW	-	-	-	-	
Region XII	13	Alaska AK	11	14,000	7.9	0.0	
		Idaho ID	2	9,077	2.2	-0.3	
		Oregon OR	-	-	-	-	
		Washington WA	-	-	-	-	
		Outside U.S.	22	-	-	-	
TOTALS	4,045	Outside the United States	4,045	2,409,325	16.8	93.1%	(N/D = no cases reported in previous week)

Student Health Center Influenza-Like Illness Cases

SHC Flu (ILI) Activity

<u>Date (week of)</u>	<u>ILI total</u>	<u># Visits</u>	<u>% ILI</u>	
May 2nd	32	746	4.3%	<i>includes weekend open</i>
May 11th	3	512	0.6%	<i>spring classes ended</i>
May 18th	0	294	0.0%	
May 26th	3	244	1.2%	
June 1st	3	209	1.4%	
June 8th	1	303	0.3%	
June 15th	4	324	1.2%	
June 22nd	1	279	0.4%	
June 29th	3	292	1.0%	
July 6th	3	261	1.1%	
July 13th	3	270	1.1%	
July 20th	1	318	0.3%	
July 27th	5	267	1.9%	
Aug 3rd	4	310	1.3%	
Aug 10th	4	260	1.5%	
Aug 17th	3	276	1.1%	
Aug 24th	24	478	5.0%	<i>fall classes begin</i>
Aug 31st	37	641	5.8%	

Texas State Sorority Flu Outbreak

Date first illness: 8/16/09

Date last illness: 8/26/09

SHC Public Health Investigation

Members surveyed: 62

Members with probable influenza: 17

Members with suspected influenza: 15

Member illness rate: 32/62 (52%)

Test results: 2 positive rapid flu tests, 1 positive H1N1 flu test