

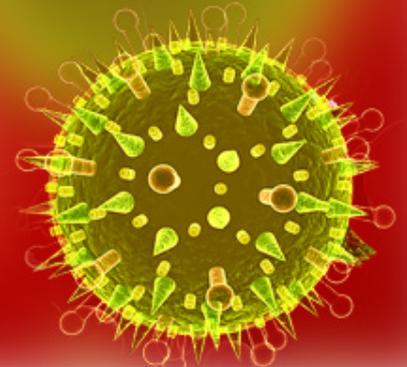
**Texas Laboratory Response Network (LRN)
Seasonal Influenza Surveillance**

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Texas Department of State Health Services*

Laboratory Response Network (LRN)

- **The LRN was established in 1999 by the Department of Health and Human Services Centers for Disease Control and Prevention (CDC), in response to Presidential Decision Directive 39.**
- **National network of local and state public health, federal, military, and international laboratories that provide laboratory diagnostics and maintain the capacity to respond to biological and chemical threats and other public health emergencies.**
- **The LRN-B laboratories are categorized as either national, reference or sentinel laboratories based on their respective testing capabilities.**

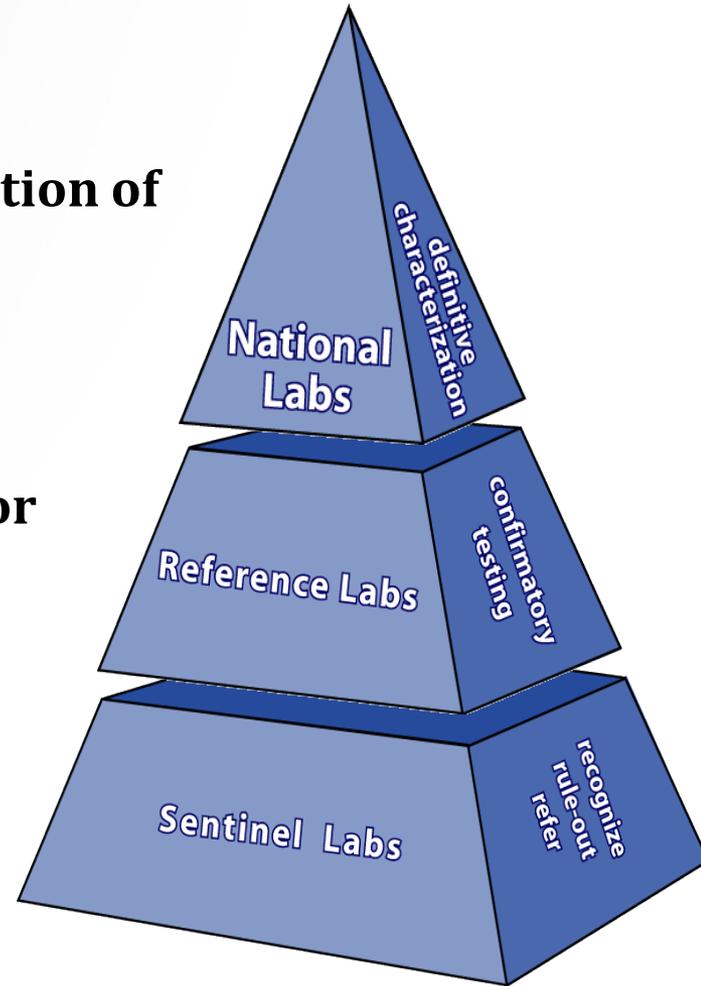


Laboratory Response Network (LRN)

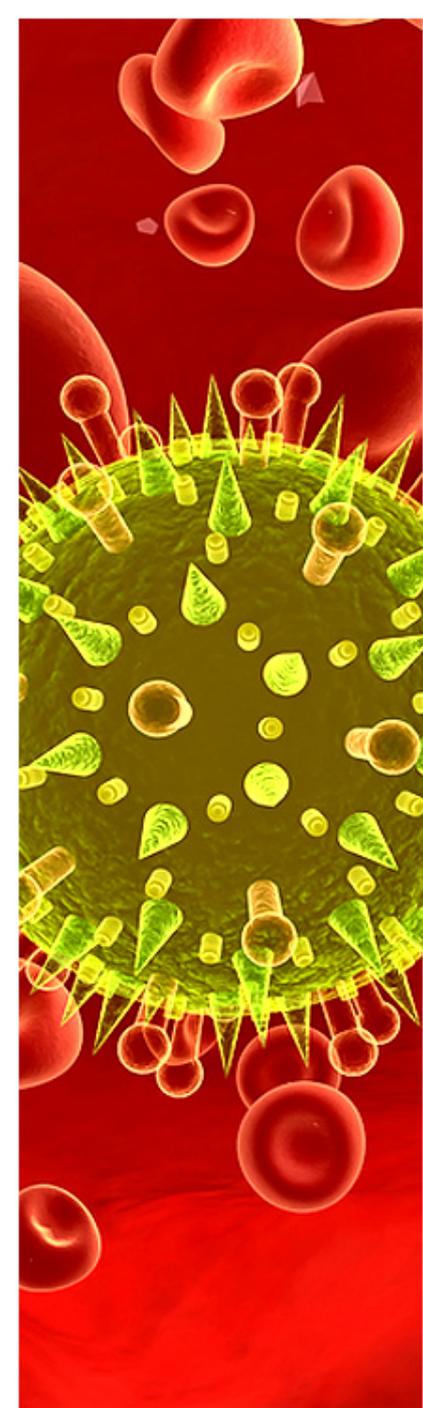
Definitive characterization of the most dangerous infectious agents

Confirmatory testing for most select agents

Rule-out testing and referral of specimens

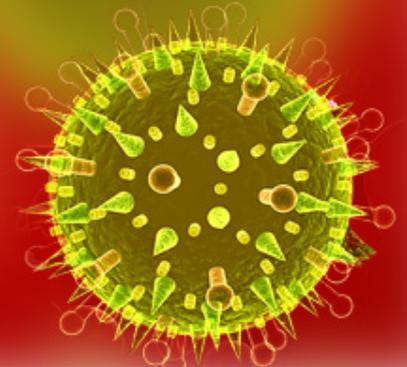


Texas LRN Locations

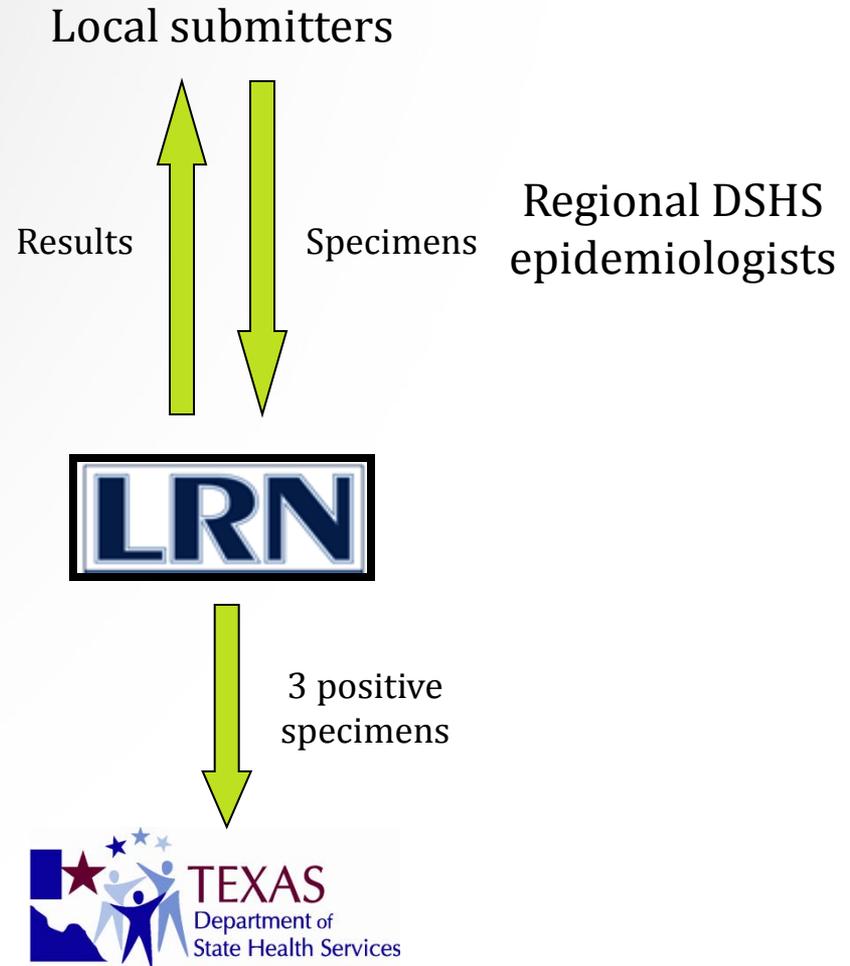


Texas LRNs and Flu Surveillance

- **Texas LRN laboratories participated in flu pilot project for 2008-2009 season**
- **Played integral role in 2009 H1N1 surge response**
- **Continued participation in the DSHS influenza surveillance program during the 2009-2010 and 2010-2011 flu seasons**
- **LRNs provide (free) local access to molecular testing of specimens (i.e., real time RT-PCR assay)**
 - **Virus typing and subtyping**
 - **2-5 business day turnaround**



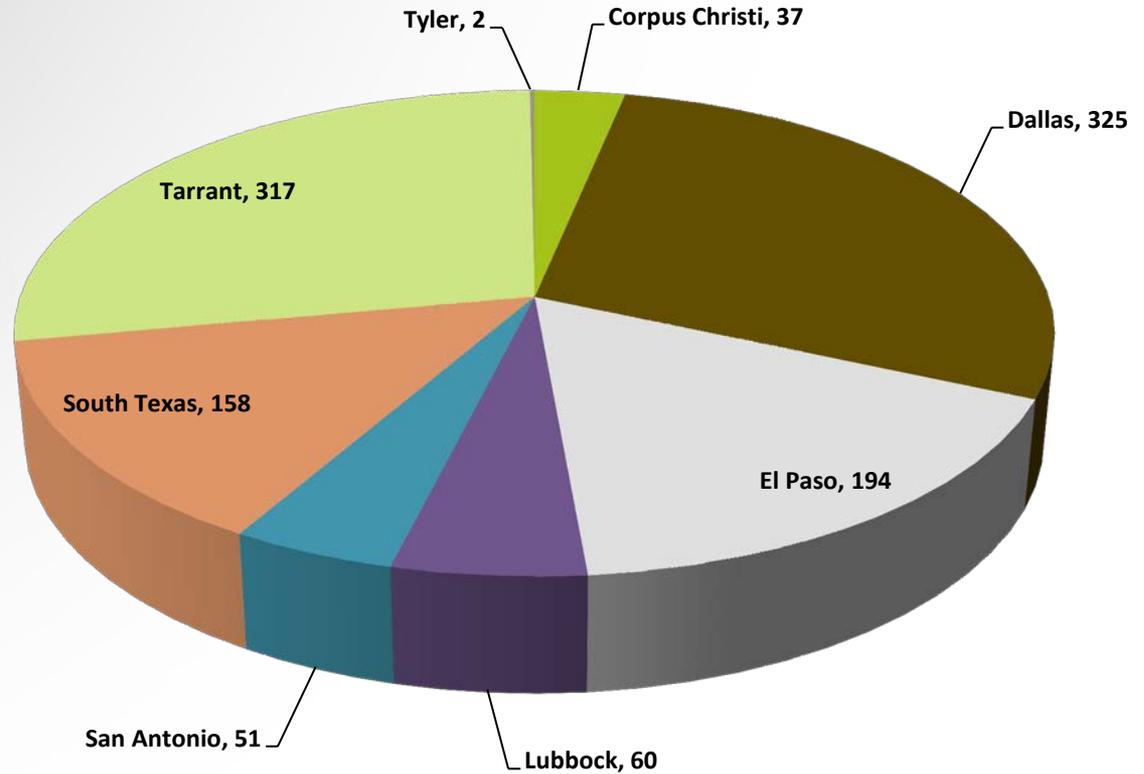
Texas LRNs and Flu Surveillance, 2011-2012



Additional testing:

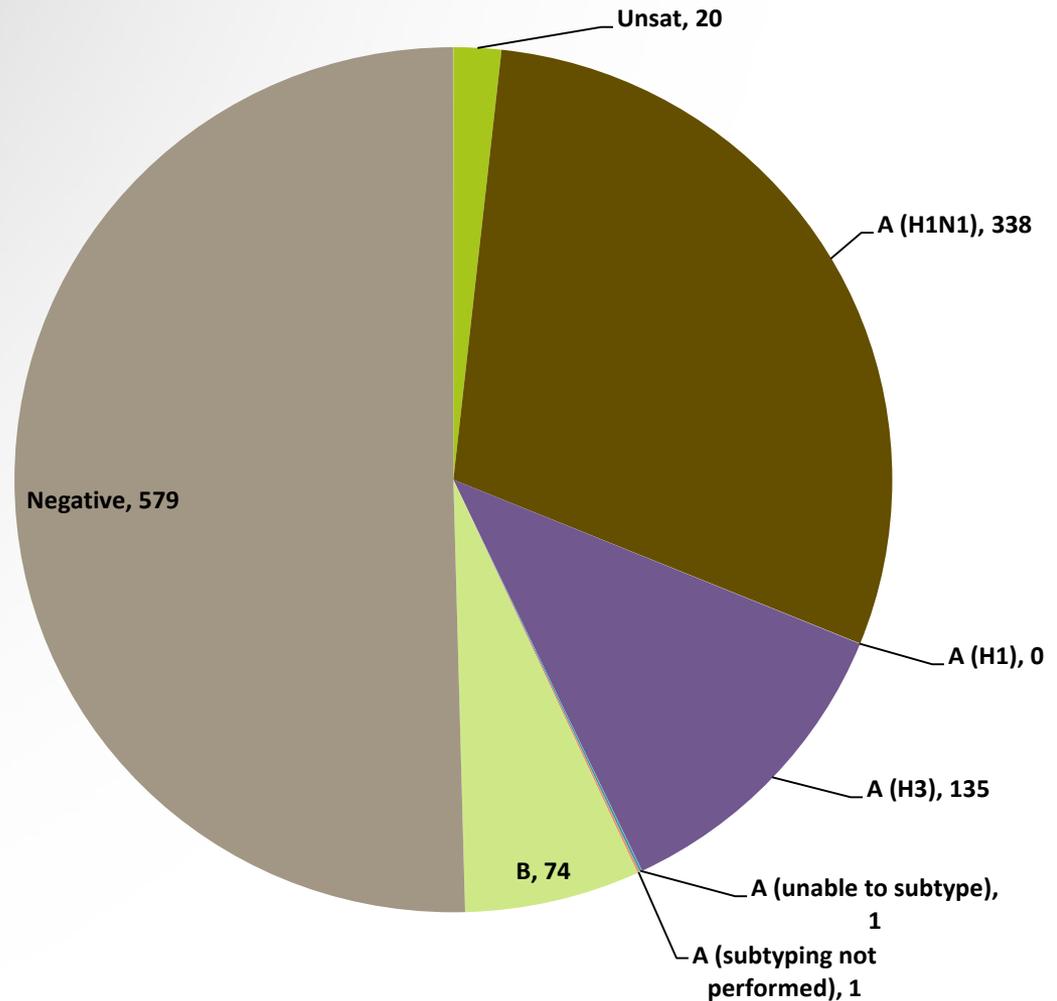
- Viral culture
- Antiviral resistance testing via pyrosequencing
- Multiplex PCR testing

Texas LRNs and Flu Surveillance, 2011-2012



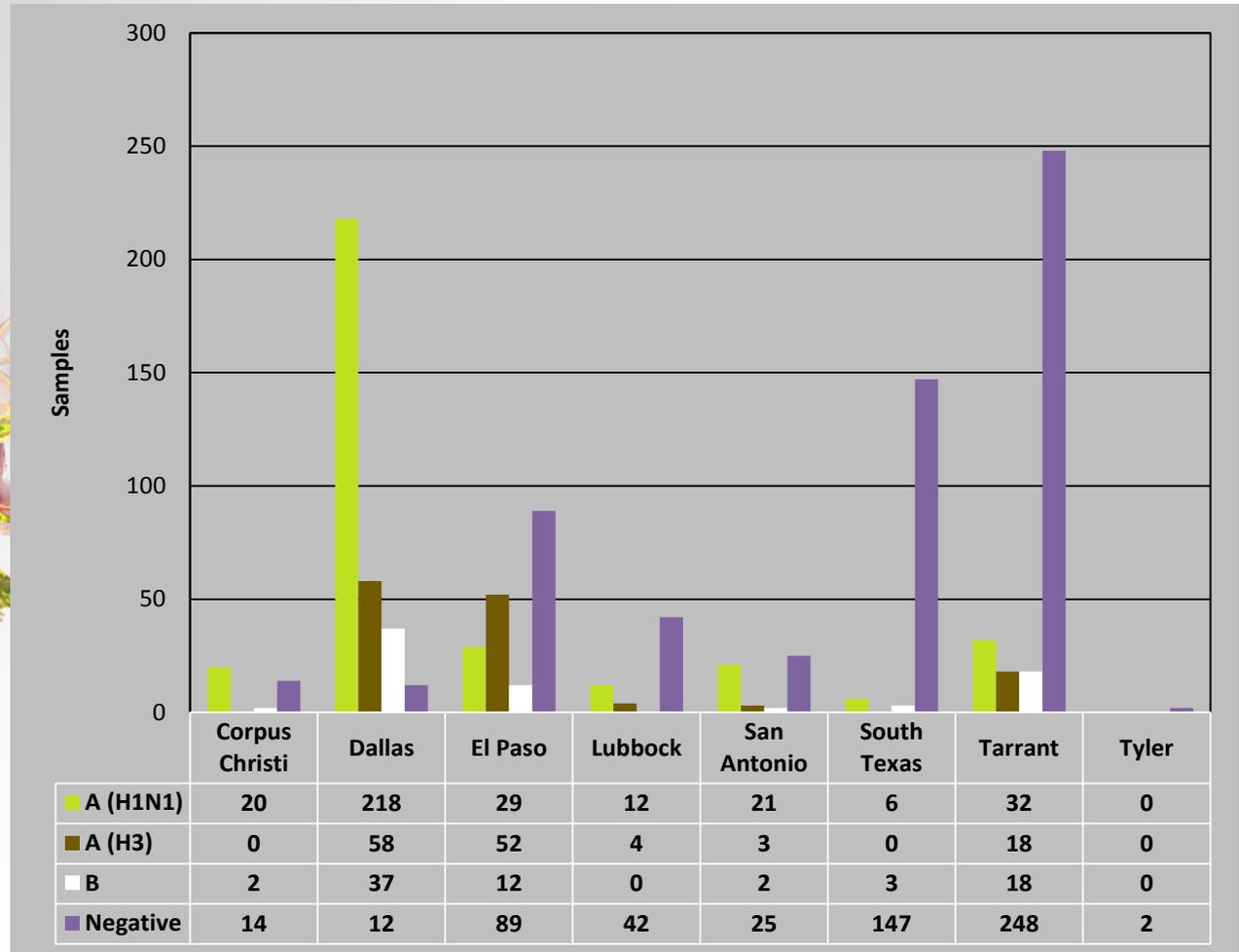
$n = 1,144$ specimens tested, as of 7/2/12

Texas LRNs and Flu Surveillance, 2011-2012



n = 1,144 specimens tested, as of 7/2/12

Texas LRNs and Flu Surveillance, 2011-2012

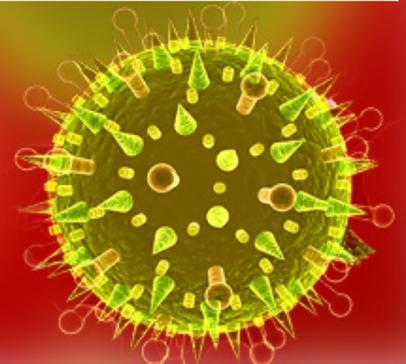


$n = 1,144$ specimens tested, as of 7/2/12

Texas LRN Contact Information



LRN	Contact	Position Title	Phone	Email Address
Corpus Christi Nueces Co Public Health Lab	Ashley Cox	BT Coordinator	361-826-7214	ashleyc@cctexas.com
Dallas County Health & Human Services	Joey Stringer	BT Coordinator	972-692-1323	Joey.Stringer@dallascounty.org
City of El Paso Dept. of Public Health	Minerva Cutter	BT Coordinator	915-543-3255	Mineerva.Cutter@elpasotexas.gov
UTHSCT/PHLET Tyler	Janine Yost	BT Coordinator	903-877-5056	Janini.Yost@uthct.edu
City of Lubbock Health Department	Trish Jenkins	BT Coordinator	806-775-3087	TJenkins@mail.ci.lubbock.tx.us
San Antonio Metro Health District Lab	Patricia Blevins	BT Coordinator	210-207-5883	Patricia.Blevins@sanantonio.gov
South Texas Laboratory	Kristina Zamora	BT Coordinator	956-364-8369	Kristina.Zamora@dshs.state.tx.us
Tarrant County Public Health Department	Rebecca McMath	BT Coordinator	817-321-4755	RBMcMath@tarrantcounty.org



Questions?

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