

Texas Preventable Disease



NEWS

Ron J. Anderson, M.D., F.A.C.P. Chairman, Board of Health
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Bureau of Disease Control and Epidemiology,
1100 West 49th Street, Austin, Texas 78756 (512-458-7455)

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		Rocky Mountain Spotted Fever	5
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		Tularemia	6

STATEMENT ON PREVENTING CHILDHOOD LEAD POISONING

On October 7, 1991, CDC released an updated statement on the prevention of childhood lead poisoning. The statement provides guidelines to pediatric health-care providers, public health programs, and others about childhood lead screening, case management for lead-poisoned children, and primary prevention of childhood lead poisoning.

Copies of the statement, *Preventing Lead Poisoning in Young Children, 1991*,¹ are available free of charge from Publication Activities, Office of the Director, National Center for Environmental Health and Injury Control, Mailstop F-29, CDC, 1600 Clifton Road, NE, Atlanta, GA 30333.

Reference:

1. CDC. Preventing lead poisoning in young children, 1991. Atlanta: US Department of Health and Human Services, Public Health Service, 1991.

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IMMUNIZATION NOTES

Measles Outbreak: Public Health Region 8 is investigating suspected measles activity in Alice, Jim Wells County. Approximately nine suspected measles cases have been reported with rash onsets ranging from late September to early December. Initial investigations reveal that all age groups have been affected and that hospital-based measles transmission has occurred.

Active surveillance, including disease investigation and immunization of contacts, is ongoing. Additionally, recommendations have been made to lower the routine immunization age to 12 months for receipt of MMR.

During the holiday season, travel to other areas of the state is frequent and the risk of transmission to other areas of the state exists.

Health personnel should be alerted to the continued presence of measles in Texas. All suspected rash/fever illnesses, especially those meeting measles case definition criteria, should be closely monitored. Such cases should be reported immediately to your local or regional health department.

The measles case definition is:

- ▶ Fever of 101°F or greater
- ▶ Rash lasting at least 3 days
- ▶ At least one of the following: cough, coryza, or conjunctivitis

For additional information regarding serologic confirmation of cases, outbreak control recommendations, or updates on Jim Wells County measles activity, call the TDH Immunization Division at 1-800-252-9152.

**CONTINUUM OF SIGNS AND SYMPTOMS OF
CARBON MONOXIDE POISONING IN
RELATION TO THE PERCENTAGE OF
CARBOXYHEMOGLOBIN (COHb) IN THE BLOOD***

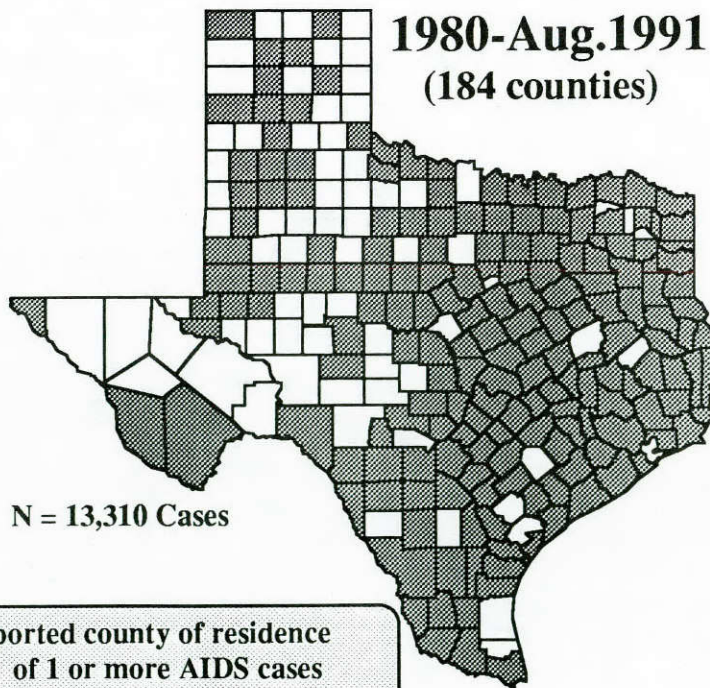
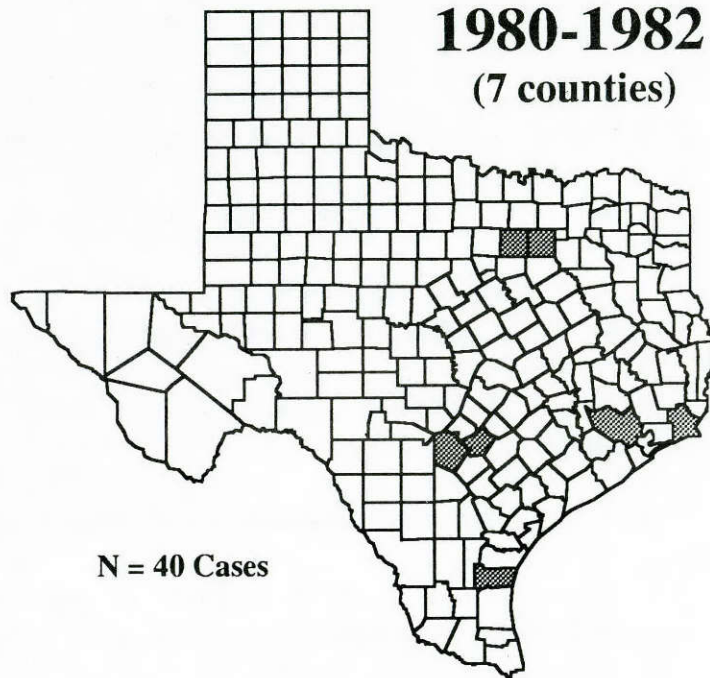
Concentration (%)	Signs and Symptoms
< 10	Either no symptoms or shortness of breath during vigorous exercise
10-20	Mild headache and shortness of breath during moderate exercise
20-30	Throbbing headache, irritability, emotional instability, impaired judgment, defective memory, rapid fatigue
30-40	Severe headache, weakness, nausea and vomiting, dizziness, dimness of vision, confusion
40-50	Hallucinations, severe ataxia, accelerated respirations
50-60	Syncope or coma with intermittent convulsions, tachycardia with a weak pulse, pallor or cyanosis
60-70	Increasing depth of coma with incontinence (fecal and urinary)
70-80	Profound coma with depressed or absent reflexes, weak thready pulse, shallow and irregular respirations and complete quiescence
> 80	Rapid death from respiratory arrest

* Gosselin RE, Hodge HC, Smith RP, Gleason MN. Clinical toxicology of commercial products. 4th ed. Baltimore: Williams and Wilkins, 1976.

NOTICE TO READERS

The Editor of *Texas Preventable Disease News* (PDN) welcomes written accounts of communicable disease and other public health problems encountered and investigated by local health professionals throughout the state. The Bureau of Disease Control and Epidemiology encourages public health workers to share their experiences and information relating to matters of professional public health interest or concern. Previously published accounts of this nature have been favorably received by the readership. Interested authors are requested to contact the Editor of PDN for additional information pertaining to general guidelines for publication at (512) 458-7455 or TexAn 824-9455.

The Geography of AIDS in Texas



Reported county of residence
of 1 or more AIDS cases
by year of diagnosis;
cases reported by 8-2-91

MONTHLY SUMMARY OF REPORTABLE DISEASES IN TEXAS

(Counties listed below reflect only those with populations of 190,000 or more, based on 1990 population estimates.)

Cumulative through: NOVEMBER, 1991

County	Amebiasis	Campylobacteriosis	Chickenpox	Encephalitis	H. influenzae Infections	Hepatitis A	Hepatitis B	Hepatitis NA-NB	Influenza	Measles	Meningococcal Infections	Aseptic Meningitis	Mumps	Pertussis	Rubella	Salmonella	Shigella
BEXAR	0	97	1210	1	8	253	148	0	2171	8	2	112	2	4	1	105	222
BRAZORIA	0	1	39	0	1	18	8	0	0	1	1	9	2	0	0	15	13
CAMERON	12	8	296	2	1	73	9	1	598	6	0	12	8	0	0	40	37
COLLIN	1	5	538	0	1	10	27	0	7654	12	1	9	0	1	0	12	7
DALLAS	17	99	1	4	6	238	300	1	30	0	9	169	29	0	0	173	202
DENTON	0	8	185	1	1	6	13	0	8	2	0	11	2	2	0	22	0
EL PASO	1	32	1035	2	6	202	40	2	1489	0	0	2	46	4	2	111	73
FORT BEND	1	11	8	0	4	8	9	0	19	0	1	18	0	0	0	24	25
GALVESTON	0	14	312	2	2	60	27	0	2224	0	1	48	5	2	0	24	14
HARRIS	4	91	4131	12	22	286	153	13	235908	8	15	363	40	4	0	216	294
HIDALGO	3	1	217	2	0	42	3	0	29	25	1	4	1	0	0	59	90
JEFFERSON	0	24	918	1	7	39	60	2	1869	0	0	22	13	0	0	16	97
LUBBOCK	1	25	435	2	1	24	28	15	2043	51	1	14	9	2	1	50	55
MCLENNAN	2	0	183	0	2	21	23	1	441	1	0	4	0	0	0	6	17
MONTGOMERY	0	4	4	1	1	14	7	0	1	0	0	11	4	1	0	12	4
NUECES	0	20	1009	0	2	29	31	0	3882	0	0	24	3	0	0	34	27
TARRANT	2	56	1905	5	15	143	169	4	848	9	9	79	15	1	2	112	104
TRAVIS	6	85	471	1	3	123	51	3	120	37	11	40	6	28	0	140	101
All Other Counties	25	167	4376	27	43	770	474	22	19928	53	18	200	120	36	0	1827	534
Cumulative TX 1991	75	748	17273	63	126	2359	1580	64	279262	213	70	1151	305	85	6	2206	1916
Cumulative TX 1990	135	715	23648	69	593	2457	1706	104	255721	4401	84	777	429	144	96		3415

1991 CUMULATIVE TOTALS FOR OTHER REPORTABLE DISEASES:

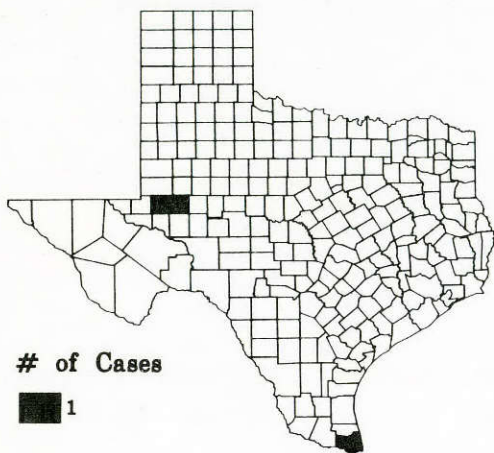
Acute Occ. Pesticide Poisoning	13	Coccidioidomycosis	40	Histoplasmosis	47	Psittacosis	0	Toxic Shock Syndrom	7
Anthrax	0	Dengue	0	Legionellosis	13	Q Fever	0	Trichinosis	1
Asbestosis	85	Diphtheria	0	Leptospirosis	0	Rabies	1	Tuberculosis	2075
Botulism	4	+ Elevated Blood Lead Levels	477	Listeria Infections	43	Reye Syndrome	0	Tularemia	1
Brucellosis	18	Gonorrhea	40271	Lyme Disease	14	Rocky Mt Spotted Fever	2	Typhoid	20
Chlamydia trachomatis	27890	Hansen's Disease	36	Malaria	39	Silicosis	7	Typhus, Murine	14
Cholera	1	Hepatitis D (Delta Agent)	1	Plague	0	Syphilis (P&S)	4446	Vibrio Infections	22
		Hepatitis type unspecified	205	Polioomyelitis	0	Tetanus	8	Yellow Fever	0

+ Blood lead level >40ug/dl in persons 15 years of age or older; summarized by date of blood lead test.

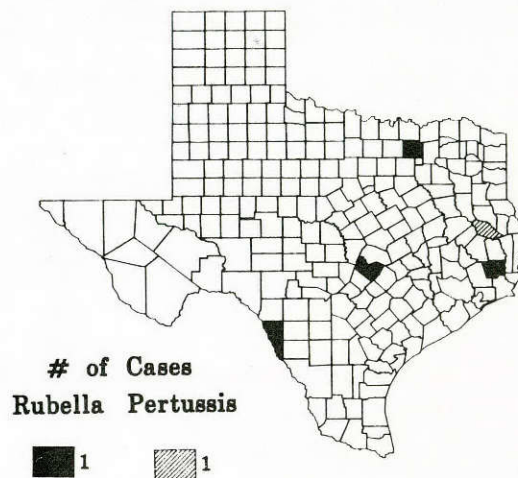
VACCINE-PREVENTABLE DISEASE UPDATE *

Suspected/Confirmed Cases Reported
With Onsets From December 1-14, 1991
Weeks 49-50

Measles



Rubella & Pertussis



Summary of Suspected/Confirmed Cases Reported YTD:

* Total cases with onsets during reporting period.

	Latest Onset Date	Total This Period	YTD Total
MEASLES	12/14/91	3	616
RUBELLA	12/08/91	4	111
PERTUSSIS	12/20/91	1	236

TEXAS PREVENTABLE DISEASE NEWS (ISSN 8750-9474) is a free, biweekly publication of the Texas Department of Health, 1100 West 49th Street, Austin, TX 78756. Second-class postage paid at Austin, TX. POSTMASTER: Send address changes to TEXAS PREVENTABLE DISEASE NEWS, 1100 West 49th Street, Austin, TX 78756.

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Texas Department of Health
1100 West 49th Street
Austin, TX 78756

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