

Texas Preventable Disease



NEWS

contents:

TEXAS STATE DOCUMENT
COLLECTION

Aseptic Meningitis Activity in Texas
AIDS Cases in Texas By Year of Diagnosis
Texas Reye Syndrome Week

BUREAU OF EPIDEMIOLOGY

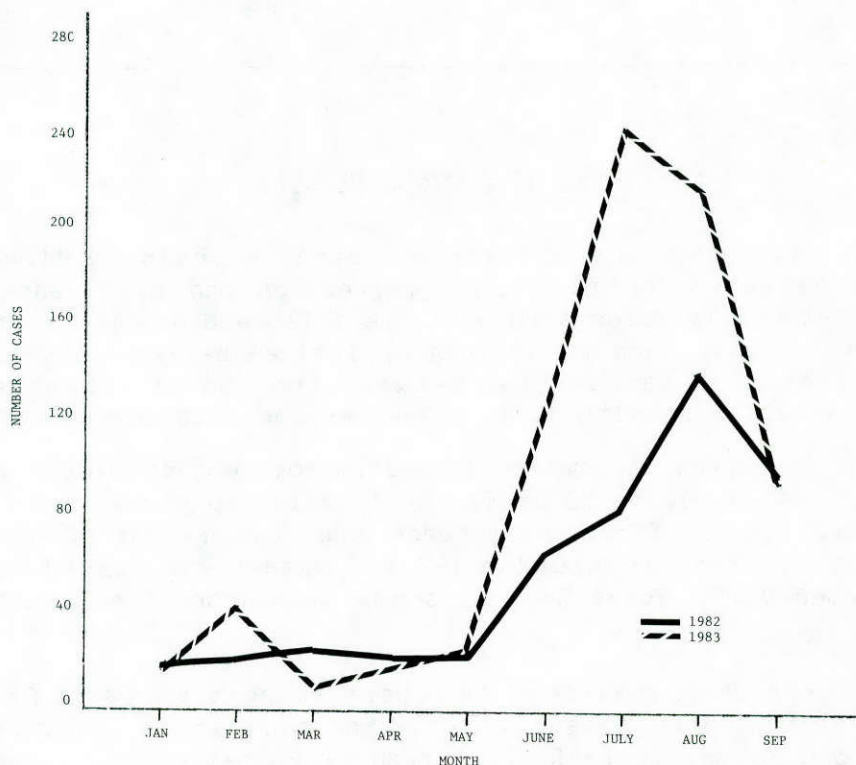
1100 West 49th Street, Austin, Texas 78756 (512-458-7207)

ASEPTIC MENINGITIS ACTIVITY IN TEXAS

The state of Texas experienced an aseptic meningitis epidemic during late spring of 1983. The number of reported cases of aseptic meningitis during the months of June, July, and August 1983 increased significantly when compared to the year 1982 (Figure 1). During the months of May and June 1983, Coxsackie B5 virus represented 78% and 59%, respectively, of all causal viral agents of reported cases of aseptic meningitis. Since June, Coxsackie B5 isolates have represented a decreasing percentage of causal viral agents. Coxsackie B5 virus was not isolated from any of the reported aseptic meningitis cases in August or September. The epidemic of meningitis related to this virus has apparently subsided.

Table 1 presents the frequency distribution of causal viral agents in reported cases of meningitis in 1983. Fifty percent of the isolates have been Coxsackie B5. The next most frequent virus has been Echo 24.

Figure 1.
Number of Reported Cases of Aseptic Meningitis
by Month, Texas, 1983



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Texas Department of Health

NON-CIRCULATING

Table 1.
Frequency Distribution of Causal Viral Agents in
Reported Cases of Meningitis,
January 1-September 30, 1983, Texas

VIRUS	NUMBER	PERCENTAGE
Coxsackie A5	1	<1.0%
Coxsackie A6	1	<1.0%
Coxsackie A9	6	3.4%
Coxsackie A16	1	<1.0%
Coxsackie B2	4	2.3%
Coxsackie B3	5	2.9%
Coxsackie B5	87	50.0%
Coxsackie B6	1	<1.0%
Echo 1	2	1.0%
Echo 2	1	<1.0%
Echo 5	2	1.0%
Echo 6	2	1.0%
Echo 7	2	1.0%
Echo 8	1	<1.0%
Echo 9	9	5.2%
Echo 11	7	4.0%
Echo 13	1	<1.0%
Echo 14	1	<1.0%
Echo 15	1	<1.0%
Echo 16	1	<1.0%
Echo 19	1	<1.0%
Echo 20	1	<1.0%
Echo 21	1	<1.0%
Echo 22	5	2.9%
Echo 24	10	5.7%
Echo 26	2	1.0%
Echo 30	6	3.4%
Echo 31	2	1.0%
Cytomegalovirus	2	1.0%
Influenza A (H3N2)	2	1.0%
Parainfluenza (3)	3	1.7%
Poliovirus (3)	1	<1.0%
Rotavirus (3)	1	<1.0%
Varicella/Zoster	1	<1.0%
Total	174	100.0%

AIDS CASES IN TEXAS BY YEAR OF DIAGNOSIS

1980	1981	1982	1983
1	5	22	50

TEXAS REYE SYNDROME WEEK

Reye syndrome (RS) is a rarely diagnosed pediatric neurologic disorder which, in recognized cases, is noted for its rapid progression and high case-fatality ratio. Reye syndrome is temporally associated with the influenza season as onset of RS often follows a viral infection, such as influenza, influenza-like-illness, or varicella. Studies have suggested an association between the use of salicylate-containing medications to treat children with viral illnesses and subsequent development of RS.

To increase health care provider awareness and improve epidemiologic understanding of RS, the Board of Health included RS among the legally reportable diseases in Texas in March of this year. In an effort to increase public awareness of RS, Texas House of Representatives Concurrent Resolution 157 was passed and signed by the Governor, proclaiming November 7-13, Texas Reye Syndrome Week (concurrent with National Reye Syndrome Week).

Health care providers are encouraged to report suspect cases of RS to their local health departments for case investigation. For additional information and case-investigation report forms, contact the Bureau of Epidemiology, Texas Department of Health, 1100 West 49th Street, Austin, Texas 78756; telephone (512) 458-7328 or STS 824-9328.

ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS:			IMMUNIZABLE:		RICKETTSIAL:		VENEREAL:		MISC.:		TUBER- CULOSIS
	A	B	UNSPEC	MEASLES	RUBELLA	ENDEM	TYPH	6C	P&S SYPH	FLU & FLU-LIKE		

CUMULATIVE FOR THE STATE

POPULATION = 15,345,761

CASES RPTD THIS WEEK	13	1 *	200	26	60 *	0	3 *	0	1 *	1,431	79 *	920	29
5-YR MEDIAN 1978-1982	11	2 *	59	14	37 *	3	3 *	1	0 *	1,582	80 *	1,516	40
CUMULATIVE 1983	883	153 *	2,411	970	1,978 *	36	100 *	27	93 *	66,492	5,355 *	78,150	1,492
CUM. SAME WEEK 1982	661	197 *	2,667	870	1,712 *	118	106 *	31	58 *	69,856	5,260 *	78,661	1,603

PUBLIC HEALTH REGION 1 CANYON, TX PHONE: 806/655-7151 POPULATION = 385,411

COUNTIES

ARMSTRONG	*	*	*	*	*	*	*	*	*	*	*	*	*
BRISCOE	*	*	*	*	*	*	*	*	*	*	*	*	2
CASTRO	*	1	*	*	*	*	*	*	*	*	*	*	2
DEAF SMITH	*	*	*	*	*	*	*	2	*	*	*	*	4
MOORE	*	1	*	*	*	*	*	*	*	*	*	*	*
POTTER	*	2	*	*	*	*	*	20	1	*	*	*	73
SMISHER	*	*	*	*	*	*	*	1	*	*	*	*	*
CASES THIS WEEK	*	4	*	*	*	*	*	23	1	*	*	*	81
CUMULATIVE 1983	10	1 *	41	18	6 *	2 *	2 *	1,264	29 *	4,881	13	13	13

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 3 OTHER DISEASES ONLY: 1 NOT REPORTING: 14

PUBLIC HEALTH REGION 2 LUBBOCK, TX PHONE: 806/797-4331 POPULATION = 379,488

COUNTIES

GARZA	*	1	*	*	*	*	*	*	*	*	*	*	2
HALE	*	*	*	*	*	*	*	*	*	*	*	*	7
HOCKLEY	*	*	*	*	*	*	*	*	2	*	*	*	*
LAMB	*	*	*	*	*	1 *	*	2	*	*	*	*	*
LUBBOCK	*	126	1 *	*	*	*	*	1	*	*	*	*	*
TERRY	*	*	*	*	*	*	*	1	*	*	*	*	*
CASES THIS WEEK	*	127	1 *	*	*	1 *	*	4	2	*	*	*	9
CUMULATIVE 1983	12	2 *	198	11	45 *	3 *	3 *	1,025	46 *	4,793	17	17	17

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 9

PUBLIC HEALTH REGION 3 EL PASO, TX PHONE: 915/779-3531 POPULATION = 553,858

COUNTIES

CULBERSON	*	*	*	*	*	*	*	*	*	*	*	*	1
EL PASO	*	*	*	*	*	*	*	54	7	*	*	*	1

ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS:			IMMUNIZABLE:		RICKETTSIAL:		VENEREAL:		MISC.:		TUBER- CULOSIS
	A	B	UNSPEC	MEASLES	RUBELLA	ENDEN TYPH	RMSF	GC	P&S SYPH	FLU & FLU-LIKE		

PUBLIC HEALTH REGION 3 EL PASO, TX PHONE: 915/779-3531 POPULATION = 553,858 (CONTINUED FROM PRIOR PAGE)

CASES THIS WEEK	*	*	*	*	*	*	*	*	54	7	*	2
CUMULATIVE 1983	14	4	76	36	64	1	4	*	2,419	157	24	58
OTHER COUNTIES:	NO COMMUNICABLE DISEASES: 1			OTHER DISEASES ONLY: 0				NOT REPORTING: 3				

PUBLIC HEALTH REGION 4 ABILENE, TX PHONE: 915/673-5231 POPULATION = 678,887

COUNTIES

CONCHO	*	*	*	*	*	*	*	*	*	*	*	*
HASKELL	*	*	*	*	*	*	*	*	*	*	*	46
JONES	*	1	*	*	1	*	*	*	*	*	*	*
NOLAN	*	1	*	*	*	*	*	*	*	*	*	*
SCURRY	*	*	*	*	*	*	*	*	3	*	*	*
SHACKELFORD	*	*	*	*	*	1	*	*	*	*	*	*
TAYLOR	*	*	1	*	*	*	*	*	*	*	*	19
TOM GREEN	*	*	*	*	*	*	*	*	12	*	*	*
WICHITA	*	1	1	1	*	*	*	*	17	*	*	62
WILBARGER	*	*	*	*	*	*	*	*	1	*	*	4
CASES THIS WEEK	*	3	2	2	*	1	*	*	33	*	*	131
CUMULATIVE 1983	40	*	164	49	77	1	11	1	1,240	33	*	8,942
OTHER COUNTIES:	NO COMMUNICABLE DISEASES: 2			OTHER DISEASES ONLY: 0				NOT REPORTING: 32				

PUBLIC HEALTH REGION 5 ARLINGTON, TX PHONE: 817/460-3032 POPULATION = 3,481,003

COUNTIES

COLLIN	*	*	1	*	*	*	*	*	*	*	*	*
COOKE	*	*	*	*	*	*	*	*	*	*	*	*
DALLAS	1	*	24	6	9	*	*	1	317	15	*	32
DENTON	*	*	2	*	*	*	*	*	17	*	*	18
ERATH	*	*	*	*	1	*	*	*	*	*	*	3
FANNIN	*	*	*	*	*	*	*	*	1	*	*	*
GRAYSON	*	*	*	*	*	*	*	*	11	*	*	*
HUNT	*	*	*	*	*	*	*	*	2	*	*	*
KAUFMAN	1	*	*	*	*	*	*	*	*	*	*	2
NAVARRO	*	*	*	*	*	*	*	*	4	*	*	*
PARKER	1	*	*	*	*	*	*	*	*	*	*	*
ROCKWALL	*	*	*	*	*	*	*	*	2	*	*	*
TARRANT	4	*	4	2	11	*	*	*	22	9	*	*
CASES THIS WEEK	7	*	31	8	21	*	*	1	377	24	*	55
CUMULATIVE 1983	225	50	975	322	558	1	9	1	63	19,501	1,509	6,630
OTHER COUNTIES:	NO COMMUNICABLE DISEASES: 1			OTHER DISEASES ONLY: 1				NOT REPORTING: 4				

ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS:			IMMUNIZABLE:		RICKETTSIAL:		VENEREAL:		MISC.:	
	A	B	UNSPEC	MEASLES	RUBELLA	ENDEM	RMSF	GC	P&S SYPH	FLU & FLU-LIKE	TUBER- CULOSIS

PUBLIC HEALTH REGION 6 TEMPLE, TX PHONE: 817/778-6744 POPULATION = 1,451,983

COUNTIES	ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS: A B UNSPEC	IMMUNIZABLE: MEASLES RUBELLA	RICKETTSIAL: ENDEM RMSF	VENEREAL: GC	MISC.:	TUBER- CULOSIS
BASTROP	*	*	*	*	*	*	
BELL	*	*	*	*	*	*	
BRAZOS	*	*	*	*	*	*	36
CALDWELL	*	*	*	*	*	*	
CORYELL	*	*	*	*	*	*	
FREESTONE	*	*	*	*	*	*	
HAYS	*	*	*	*	*	*	
LAMPASAS	*	*	*	*	*	*	1
LIMESTONE	*	*	*	*	*	*	
LLANO	*	*	*	*	*	*	29
MCLENNAN	*	*	*	*	*	*	
MADISON	*	1	*	*	*	*	
MILAM	*	*	*	*	*	*	
ROBERTSON	*	*	*	*	*	*	18
TRAVIS	1	2 1	5	*	*	*	
WILLIAMSON	*	1	*	*	*	*	
CASES THIS WEEK	1	3 2	5	*	*	*	
CUMULATIVE 1983	120	11 * 113 68	94 *	9 * 1	10 * 5,004	535 * 11,741	1 68

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 3 OTHER DISEASES ONLY: 1 NOT REPORTING: 10

PUBLIC HEALTH REGION 7 TYLER, TX PHONE: 214/595-3585 POPULATION = 866,604

COUNTIES	ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS: A B UNSPEC	IMMUNIZABLE: MEASLES RUBELLA	RICKETTSIAL: ENDEM RMSF	VENEREAL: GC	MISC.:	TUBER- CULOSIS
ANDERSON	*	*	*	*	*	*	
BOWIE	1	*	*	*	*	*	
CASS	*	*	*	*	*	*	
CHEROKEE	*	*	*	*	*	*	
GREGG	*	1	*	*	*	*	
HARRISON	*	*	*	*	*	*	
MARION	*	*	*	*	*	*	
MORRIS	*	*	*	*	*	*	
RUSK	*	*	*	*	*	*	14
SMITH	*	*	*	*	*	*	
VAN ZANDT	*	4	*	*	*	*	
WOOD	*	*	*	*	*	*	
CASES THIS WEEK	1	4 1	1	*	*	*	
CUMULATIVE 1983	26	9 * 35 20	72 *	12 * 9	9 * 2,447	212 * 4,377	14 66

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 1 OTHER DISEASES ONLY: 1 NOT REPORTING: 9

ASEPTIC MENINGITIS	MENINGOCOCCAL INFECTION	HEPATITIS:			IMMUNIZABLE:		RICKETTSIAL:		VENEREAL:		MISC.:		TUBERCULOSIS
		A	B	UNSPEC	MEASLES	RUBELLA	ENDEM	TYPH	RMSF	GC	P&S	FLU & SYPH	

PUBLIC HEALTH REGION 10 TYLER, TX PHONE: 214/595-3585 POPULATION = 683,950

COUNTIES

ANGELINA	*				*				*				*
HOUSTON	*			1	*				*	5			*
JASPER	*				*				*	3			*
JEFFERSON	*	1	1		*				*	1			*
NACOGDOCHES	*				*				*	49	3		*
ORANGE	*	1			*				*	15			*
SAN AUGUSTINE	*				*				*	2			*
SAN JACINTO	*				*				*				*
TRINITY	*				*				*	1			*
CASES THIS WEEK	*	2	1	1	*				*	76	3		*
CUMULATIVE 1983	20	13	50	36	37	*	12	*	1	2,564	172	1,946	5

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 1 NOT REPORTING: 5

PUBLIC HEALTH REGION 11 ROSENBERG, TX PHONE: 713/342-8685 POPULATION = 3,642,976

COUNTIES

AUSTIN	*				*				*				*	
BRAZORIA	*				*				*	1			*	
FORT BEND	*				*				*	1			*	
HARRIS	2	1	10	7	18	*			*	2		1	1	
MATAGORDA	*				*				*	545	12	32	7	
MONTGOMERY	1			1	*				*	2		18	*	
WALKER	*				*				*	1			1	
WALLER	*				*				*				1	
WHARTON	*				*				*	1			*	
CASES THIS WEEK	3	1	12	9	18	*			*	551	14	51	10	
CUMULATIVE 1983	180	43	211	235	334	*	32	2	*	5	22,848	1,983	2,445	560

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 1 OTHER DISEASES ONLY: 0 NOT REPORTING: 3

PUBLIC HEALTH REGION 12 LUBBOCK, TX PHONE: 806/797-4331 POPULATION = 364,329

COUNTIES

ANDREWS	*				*				*				*
ECTOR	*				*		1	*	*				*
GAINES	*	3			*				*	15	1		*
HOWARD	*				*				*	1			*
MIDLAND	*				*				*			7	1
REEVES	*				*				*	22			*
	*				*				*	1			*

ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS:			IMMUNIZABLE:		RICKETTSIAL:		VENEREAL:		MISC.:		TUBER- CULOSIS
	A	B	UNSPEC	MEASLES	RUBELLA	ENDEM	TYPH	RMSF	6C	P&S SYPH	FLU & FLU-LIKE	

PUBLIC HEALTH REGION 12 LUBBOCK, TX PHONE: 806/797-4331 POPULATION = 364,329 (CONTINUED FROM PRIOR PAGE)

WARD	*		*			*		*		1	*	
CASES THIS WEEK	*	3	1	*		1	*	*	39	2	*	7
CUMULATIVE 1983	6	1	54	17	79	7	1	*	761	99	*	2,530

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 2 NOT REPORTING: 8

OTHER REPORTING SOURCES

ARMED FORCES	*	1	*			*		*	13	*		
V.A. HOSPITALS	*		*			*		*		*		
CASES THIS WEEK	*	1	*			*		*	13	*		
CUMULATIVE 1983	6	2	21	23	26	1	*	*	2,078	120	*	5,638

OTHER REPORTABLE DISEASES	REPORTED THIS WEEK		CUMULATIVE	
	1982	1983	1982	1983
ACQUIRED IMMUNE DEFICIENCY SYNDROME (AIDS)		2		50
AMEBIASIS	16	9	419	325
ANTHRAX	0	0	0	0
BOTULISM	0	0	0	2
BRUCELLOSIS	1	4	22	64
CHICKENPOX	51	30	9949	13855
CHOLERA	0	0	0	0
DIPHTHERIA	0	0	1	0
ENCEPHALITIS, ST. LOUIS	0	0	15	1
ENCEPHALITIS, WESTERN EQUINE	0	0	3	0
ENCEPHALITIS, VENEZUELAN EQUINE	0	0	0	0
ENCEPHALITIS, ALL OTHER	2	2	134	95
LEPROSY (HANSENS DISEASE)	1	0	26	27
LEPTOSPIROSIS	0	0	12	0
MALARIA	0	0	0	0
MALARIA ACQUIRED OUTSIDE USA	0	1	45	41
MUMPS	3	8	198	184
PERTUSSIS	2	0	65	80
PLAGUE	0	0	1	0
POLIOMYELITIS, PARALYTIC	0	0	0	0
PSITTACOSIS	0	0	7	5
Q FEVER	0	0	1	0
RABIES IN MAN	0	0	0	0
RELAPSING FEVER	1	0	3	0
RHEUMATIC FEVER	0	0	7	12
RUBELLA CONGENITAL SYNDROME	0	0	0	0
SALMONELLOSIS	239	62	1981	1937
SHIGELLOSIS	89	41	1839	1535
STREP THROAT & SCARLET FEVER	823	575	39354	31254
REYE SYNDROME		1		14
TETANUS	0	0	6	6
TRICHINOSIS	0	0	2	1
TULAREMIA	0	0	9	8
TYPHOID FEVER	1	1	23	46
TYPHUS, EPIDEMIC	0	0	0	0
YELLOW FEVER	0	0	0	0
RABIES IN ANIMALS	15	7	657	642

