



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

ANNUAL SUMMARY OF MORBIDITY REPORTS FOR 1981

Morbidity totals published in this report represent the final figures on the reported incidence of notifiable diseases during 1981. Week number 1 of each year is the week containing January 4th; therefore, the actual period of time included in the reporting year of 1981 extended from January 4, 1981, through January 2, 1982, and consisted of 52 standard report weeks (defined as Sunday through Saturday). The cumulative totals published in "Texas Morbidity This Week," Week number 52, ending January 2, 1982, may differ somewhat from the totals presented in this report. The addition of delayed reports, removal of duplicate reports, and other updates made to the morbidity files account for these differences.

The morbidity figures in this report represent cases reported to the Texas Department of Health (TDH) from approximately 500 reporting agents throughout Texas. The methods of collecting morbidity data during 1981 were similar to those of previous years, and because the basic reporting mechanisms have remained consistent over time, the data may be compared with previous years.

These figures include only notifiable diseases reported in residents of Texas, and the county totals indicate county of residence of the case rather than county of disease occurrence or county of reporting agent. Reports of notifiable diseases occurring in out-of-state residents were referred through an interstate reciprocal notification system to the appropriate state health departments for investigative and reporting purposes. Cases referred through this system are not included in this summary.

Current Trends in Reportable Diseases

significant increases and decreases in the incidence rates per 100,000 population for reportable diseases were noted in Texas during 1981 (Table 1). It should be noted, however, that ~~no~~ cases of the following diseases were reported in Texas residents this year:

Anthrax
Diphtheria
Encephalitis, Venezuelan equine
Plague
Poliomyelitis, paralytic

Q fever
Rabies in man
Smallpox
Typhus, epidemic
Yellow fever

Reported cases of tetanus declined 44.4% from 14 cases in 1980 to 8 cases in 1981. Measles showed a dramatic increase of 356.7% from 181 cases in 1980 to 851 cases in 1981; rubella (176 cases) increased 30.4% from 131 cases in 1980; and mumps (227 cases) and pertussis (91 cases) showed only slight increases of 4.0% and 6.9% respectively.

The only reported case of dengue in 1981 occurred in a traveler returning from the Caribbean Island of Dominica where an outbreak was in progress. This is in contrast to 1980, when 61 cases were reported in Texas residents as part of an unusual outbreak of dengue type 1 in Mexico and the Rio Grande Valley of Texas.

There were 4 cases of infant botulism in Texas in 1981. **Epidemiologic investigation** failed to incriminate any food item as the source. This is typical of the infant form of botulism which is an infection with toxin production in the intestines versus an intoxication with preformed toxin. Two previous cases of infant botulism were reported in 1979 and 1977.

Three cases of 01 Vibrio cholerae were diagnosed in Texas residents during 1981. In May, a Jefferson County resident developed cholera, and in June an Orange County resident developed the disease. In **September**, the largest common-source outbreak of cholera in the United States during the 20th century occurred in Jefferson County, **Texas**, where 17 men developed **chólera** infections while working aboard an oil drilling rig. Only 1 of the men was a Texas resident.

Four cases of St. Louis encephalitis were reported in 1981, a dramatic decrease when compared to 1980 when 68 cases related primarily to 2 local outbreaks were reported. In contrast, the 4 cases of western equine encephalitis reported in 1981 were the **first** cases reported in Texas since 1977 when 7 cases **were** reported.'

In 1981, 127 cases of typhoid fever were reported to the TDH. Eighty of these cases were linked during an investigation to a San Antonio Mexican food restaurant. This outbreak represented the largest restaurant-associated typhoid fever outbreak reported in the United States in over 50 years.

A total of 327 infections due to Neisseria meningitidis were reported in 1981, a 126% increase over the 145 cases reported in 1980. This increase was thought to be associated with a shift in the predominant serotype from B to C. **Although** meningococcal illness was reported from both rural and urban areas, **it** was most prevalent in urban centers. Houston experienced a city-wide outbreak in 1981 with 85 cases reported as compared to 19 cases in 1980.

During 1981, 604 cases of amebiasis due to Entamoeba histolytica were reported. One hundred fifty-six (25.8%) of the cases were reported from agencies caring for institutionalized-patients. Other diseases transmitted **by** fecal-oral spread are also seen with higher frequencies in these settings where a high level of personal hygiene is difficult to achieve. Although amebiasis is usually thought of as an acute intestinal infection, the majority of cases in this country (**90%**) are asymptomatic.

The TDH received reports of 851 cases of measles (**28.1%** of the nation's 3,032 cases) in 1981. This dramatic increase from 181 (**1.3%**) of the nation's 13,430 cases in 1980 was primarily the result of 2 outbreaks: 1 in the Lower Rio Grande Valley involving children less than 5 years of age and the other in El Paso involving high school students as well as children less than 5 years of age. Measles attack rates for the remainder of the state were comparable to those of 1980. The Texas experience in 1981 serves as a dramatic reminder that when measles virus is introduced into a **susceptible** population extensive outbreaks can result. These outbreaks may continue unchecked until effective control measures **consisting** of rapid identification of cases and vaccination of susceptibles are implemented.

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

CUMULATIVE FOR THE STATE POPULATION = 14,229,000

CUMULATIVE 1981	622	327	* 2,721	823	1,608	*	851	176	*	50	45	* 84,681	5,440	* 143,955	2,015
CUMULATIVE 1980	432	145	* 2,978	819	2,194	*	181	131	*	61	31	* 83,823	3,901	* 99,292	2,075
CUMULATIVE 1979	753	166	3,289	685	1,840		670	212		59	22	86,722	3,252	86,689	2,090

PUBLIC HEALTH REGION 1 CANYON, TEXAS PHONE: 806/655-7151 POPULATION = 369,000

COUNTIES

ARNSTRONG	*	*	*	1	*	*	*	*	*	*	*	*	*	24	*
BRISCOE	*	*	*	*	*	*	*	*	*	*	*	*	*	47	*
CARSON	*	*	*	4	*	*	*	*	*	*	2	*	1	*	*
CASTRO	*	*	*	*	*	*	*	*	*	*	9	*	2	*	*
COLLINGSWORTH	*	*	*	*	*	*	*	*	*	*	1	*	*	*	*
DALLAM	1	*	*	1	*	*	*	*	*	*	9	*	2	*	1
DEAF SMITH	*	*	*	1	*	*	1	*	*	*	37	*	2	*	344
DONLEY	*	*	*	*	*	*	*	*	*	*	5	*	*	*	*
GRAY	*	7	1	55	*	*	*	*	*	*	34	*	*	*	*
HALL	*	1	*	*	*	*	*	*	*	*	1	*	*	140	*
HANSFORD	*	1	*	1	*	*	*	*	*	*	2	*	*	8	*
HARTLEY	*	*	*	*	*	*	*	*	*	*	*	*	*	673	*
HEMPHILL	*	*	*	2	*	*	*	*	*	*	1	*	*	*	*
HUTCHINSON	1	*	*	1	1	*	*	*	*	*	18	*	*	*	*
LIPSCOMB	*	*	*	*	*	*	*	*	*	*	1	*	*	265	*
MOORE	*	*	*	*	*	*	2	*	1	*	5	*	*	*	2
OCHILTREE	*	1	*	*	*	*	*	*	*	*	1	*	*	*	1
PARMER	*	4	*	*	*	*	*	*	*	*	5	*	*	185	*
POTTER	3	5	*	7	4	22	*	1	3	*	1,293	16	*	10,609	18
RANDALL	*	1	*	*	1	*	*	*	*	*	11	*	*	666	1
SWISHER	*	1	*	*	1	*	*	*	*	*	4	*	*	*	*
WHEELER	*	*	*	*	*	*	*	*	*	*	4	*	*	53	*
CUMULATIVE 1981	3	9	*	21	6	90	*	2	5	*	1,443	23	*	13,014	23

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 2 (Oldham, NOT REPORTING: Sherman) 1 (Roberts)

PUBLIC HEALTH REGION 2 LUBBOCK, TEXAS PHONE: 806/797-4331 POPULATION = 365,000

COUNTIES

BAILEY	*	*	*	*	*	*	*	*	*	*	2	*	1	*	*
COCHRAN	1	*	*	*	*	*	*	*	*	*	2	*	*	133	*
CROSBY	1	*	*	*	*	*	*	*	*	*	3	*	2	130	*
DICKENS	*	*	*	*	*	*	*	*	*	*	1	*	1	*	*
FLOYD	*	*	*	2	*	*	*	*	*	*	1	*	3	*	3
GARZA	*	*	*	1	*	*	*	*	*	*	1	*	*	192	*
HALE	*	*	*	13	*	*	1	*	*	*	134	7	*	1,104	5
HOCKLEY	1	*	6	1	*	*	1	*	*	*	36	5	*	38	1

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

PUBLIC HEALTH REGION 2 LUBBOCK,, TEXAS PHONE: 806/797-4331 POPULATION = 365,000 (CONTINUED FROM PRIOR PAGE)

LAMB		2 *							*	14	4 *	778	1
LUBBOCK	6	2 *	58	5	61 *			1 *	1,221	103 *	3,623	8	
LYNN		*			*			*		4 *	3		
TERRY		*	4	1	*	1 *		*	23	1 *		2	
YOAKUM		*		1	*			*	4	*		2	
CUMULATIVE 1981	8	5 *	68	7	78 *	1	2 *	1 *	1,442	131 *	6,001	22	

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 2 (King, Motley)

PUBLIC HEALTH REGION 3 EL PASO, TEXAS PHONE: 915/779-3531 POPULATION = 999,000

COUNTIES													
BREUSBER		*			*				*		*		
CULBERSON		*	5		2 *				*	11	*	40	2
EL PASO	11	4 *	151	66	53 *	226	5 *		2,294	96 *	7,020	77	
JEFF DAVIS		*			1 *				3	*			
PRESIDIO		*			*				1	4 *	105		
CUMULATIVE 1981	11	4 *	156	66	56 *	226	5 *		2,309	100 *	7,165	80	

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 1 (Hudspeth)

PUBLIC HEALTH REGION 0 ABILENE, TEXAS PHONE: 915/673-5231 POPULATION = 658,000

COUNTIES													
ARCHER		*			*				*		*	391	
BAYLOR		*			*				*	3	*		
BROWN	1	*			*				*	1	*		
CALLAHAN		*			*				*	28	1 *		2
CHILDRESS		*			1 *				*	6	*	235	1
CLAY		*	1		*				*	17	*	1,442	
COKE		*			*				*	5	*		
COLEMAN		1 *	3		*				*		*	60	
COMANCHE		*			*			1	*	4	*	46	1
CONCHO		*			6 *				*	1	*		1
COTTLE	1	*			*	1	1 *		*		*	2,427	1
CROCKETT		*			*				*	11	*	133	2
EASTLAND		*			*				*		*	121	1
FISHER		*	1		*				*	6	*	59	3
FOARD		*			*				*	1	*		
HARDEMAN		*			*				*		*	420	
HASKELL		*			2 *				*		*	949	
		*			1 *				*	3	*		

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

PUBLIC HEALTH REGION 4 ABILENE, TEXAS PHONE: 915/673-5231 POPULATION = 658,000 (CONTINUED FROM PRIOR PAGE)

KIMBLE	*	1	*	*	*	*	*	3	*			1						
JACK	*	6	2	*	1	*	*	5	*	125		1						
JONES	*	2	*	*		*	*		*									
KENT	*		*	*		*	*	1	*			1						
KNOX	*		*	*		*	*		*									
MCCULLOCH	*		3	*		*	*		*	100								
MASON	*		*	*		*	*	4	*									
MENARD	*	1	*	*		*	*	2	*	74								
MITCHELL	*		*	*		*	*	2	*	2	54							
MONTAGUE	*	2	*	*		*	*	9	*									
NOLAN	*		5	*		*	*	27	1	*	274							
REAGAN	*		*	*		*	*	2	*		18	1						
RUNNELS	1	*	1	*		*	*	3	*			1						
SCHLEICHER	*		*	*		*	*		*		93							
SCURRY	1	*	8	5	*	*	*	18	3	*	5							
SHACKELFORD	*		*	*		1	*	1	*		96							
STEPHENS	*		*	*		*	*	2	*			1						
STERLING	*		*	*	3	*	*		*		27							
STONEWALL	*	1	1	*	1	*	*		*		680							
SUTTON	*		4	*		*	*	14	*		522	1						
TAYLOR	1	1	*	1	3	14	*	1	*	403	2,187	5						
THROCKWORTON	*		*	*		1	*		*		8							
TOM GREEN	5	*	41	6	16	*	1	*	*	152	222	8						
WICHITA	2	1	*	18	10	6	*	*	1	*	760	8	4,522	15				
UILBARGER	*		*	1	*	*	1	*	*	15	273	1						
YOUNG	1	*	*	1	*	*	1	*	*	5	3							
CUMULATIVE 1981	11	5	*	87	22	67	*	8	4	*	1	3	*	1,514	15	*	15,566	48

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 1 (Irion)

PUBLIC HEALTH REGION 5 ARLINGTON, TEXAS PHONE: 817/460-3032 POPULATION = 3,242,000

COUNTIES

COLLIN	5	2	*	44	2	4	*	4	1	*	1	*	193	15	*	118	2
COOKE			*	1		3	*			*		*	9	1	*	983	2
DALLAS	233	48	*	344	176	114	*	10	11	*	1	*	16,292	1,338	*	3,370	224
DENTON	7	2	*	40	3	48	*		1	*		*	227	2	*	745	2
ELLIS	1		*	2	1	1	*			*	4	*	36	12	*	12	2
ERATH			*	8	5		*			*		*	18		*	383	2
FANNIN			*	1		2	*	1		*		*	10	1	*	100	3
GRAYSON	1	2	*	44	10	18	*			*		*	436	2	*	2,148	4
HOOD		1	*	4			*			*		*	9		*		
HUNT		1	*	2		2	*			*		*	81	5	*		4
JOHNSON	2		*	3	1	1	*		2	*	2	*	83	1	*	61	5
KAUFMAN		1	*	2	1		*	1	12	*		*	52	9	*	493	1
NAVARRO	3	1	*	3	3	2	*			*		*	388	2	*	24	4
PALO PINTO			*	1		1	*	1		*	1	*	12	3	*		1
PARKER	1		*	5		5	*		1	*		*	42		*		2

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

PUBLIC HEALTH REGION 5 ARLINGTON, TEXAS PHONE: 817/460-3032 POPULATION = 3,242,000 (CONTINUED FROM PRIOR PAGE)

ROCKWALL	4	*	4		4	*	1	2	*	*	4	3	*	25	1		
SOHERVELL		*				*			*	*	3		*				
TARRANT	57	26	*	203	55	46	*	3	7	*	2	5,466	266	*	506	99	
WISE	2		*	3			*	1		*	1	8	1	*			
			*				*			*				*			
CURULATIVE 1981	316	84	*	714	257	251	*	22	37	*	2	15	23,369	1,661	*	8,968	358

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

PUBLIC HEALTH REGION 6 TEMPLE, TEXAS PHONE: 817/778-6744 POPULATION = 1,347,000

COUNTIES

BASTROP		1	*			2	*			1	*	41	6	*	298	5
BELL	9	3	*	11	5	7	*				*	555	45	*	5	6
BOSQUE			*	1			*				*	7	1	*		1
BRAZOS	1	3	*	11	2	3	*	2			*	368	26	*	916	6
BURLESON			*	1			*				*	3	3	*		2
BURNET			*	1	1	3	*	1			*	7	2	*		1
CALDYELL			*	6	1	4	*	1	1	*	*	166	4	*	312	4
CORYELL	2	2	*			3	*			*	*	49	6	*	79	1
FALLS	1		*				*			*	*	40		*		
FAYETTE			*		1		*			*	*	16		*	16	
FREESTONE			*		1		*			*	*	59	1	*		
GRIMES			*				*			*	*	11	5	*		1
HAMILTON			*	1	1		*			*	*	1		*	3	
HAYS	2	1	*	1		28	*	2		*	*	149	4	*	378	2
HILL			*	11			*			*	*	35	8	*	6	4
LAHPAS AS			*				*			*	*	10	1	*		
LEE			*	2			*	1		*	*	19	1	*	975	2
LEON			*				*		1	*	*	8	3	*	208	3
LIMESTONE			*		1	3	*	1		*	*	45	2	*	38	1
LLANO			*				*		1	*	*		1	*	30	
HCLENNAN		2	*	18	3	1	*	2		*	1	1,359	22	*	46	20
MADISON			*				*			*	1	30	3	*	19	2
HILAH			*	4	1	2	*			*	*	43	1	*	1,000	5
MILLS			*				*		3	*	*	1		*	267	1
ROBERTSON			*				*		1	*	*	39	12	*		1
SAN SABA			*	2			*			*	*	2	2	*		
TRAVIS	7	11	*	124	48	199	*	7	5	*	1	3,537	139	*	21,489	20
WASHINGTON	2		*	5			*			*	*	5	7	*	464	4
WILLIAMSON		1	*	28	2	5	*			*	2	82	4	*	7	6
			*				*			*	*			*		
CUMULATIVE 1981	24	24	*	227	67	260	*	17	13	*	6	6,687	309	*	26,556	98

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 1 (Blanco)

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

PUBLIC HEALTH REGION 7 TYLER, TEXAS PHONE: 214/595-3585 POPULATION = 798,000

COUNTIES

ANDERSON		1	*			*			2	*	112	8	*	4
BOUIE	10	4	*	37	9	18	*	2	1	*	402	7	*	116
CAHP			*				*			*	7	1	*	28
CASS			*			2	*			*	90	3	*	3
CHEROKEE			*	5	2		*		1	*	132	17	*	196
DELTA			*			3	*		1	*	5		*	
FRANKLIN			*				*			*	1		*	
GREGG	3	3	*		2	5	*	1	1	*	780	110	*	61
HARRISON			*	1	1	2	*	1		*	294	19	*	3
HENDERSON			*				*			*	93	6	*	258
HOPKINS	1		*	4	1		*		1	*	28		*	243
LAMAR		1	*	5		16	*	11	1	*	353	3	*	596
MARION			*				*			*	50	5	*	1
MORRIS			*				*			*	48	2	*	
PANOLA			*				*			*	51	2	*	200
RAINS			*				*			*			*	60
RED RIVER			*	3	1	6	*			*	40		*	
RUSK		1	*		1		*		1	*	86	15	*	6
SHITH	2	4	*	5			*	3	1	*	673	21	*	5,041
TITUS		1	*	2			*		1	*	26	2	*	1
UPSHUR		1	*				*			*	58	11	*	2
VAN ZANDT	2		*	6	1	4	*		1	*	30	2	*	158
W000			*	2		2	*	1	1	*	81	6	*	724
CUMULATIVE 1981	18	16	*	70	18	58	*	8	18	*	3,440	240	*	7,684

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

PUBLIC HEALTH REGION 8 HARLINGEN, TEXAS PHONE: 512/423-0130 POPULATION = 1,279,000

COUNTIES

ARANSAS			*	1		*		1	*		6		*	
BEE			*	1		10	*	3		*	8	1	*	468
BROOKS			*				*		2	*	7	1	*	6
CALHOUN			*	3		2	*	1	3	*	20	1	*	825
CAHERON		2	*	85	3	10	*	75	7	*	271	18	*	3,526
DE WITT			*				*			*	39		*	1
DUVAL			*	3			*	5	1	*	6	8	*	40
GOLIAD			*			2	*		1	*	1		*	
GONZALES			*		1	3	*			*	37		*	424
HIDALGO	1		*	8	1	113	*	160	11	*	237	33	*	950
JACKSON			*			1	*		4	*	17	1	*	2
JIM HOGG			*		2	1	*	4		*	1	1	*	30

ASEPTIC MENINGO- MENIN- COCCAL GITIS INFECTION	HEPATITIS:		IMMUNIZABLE:		RICKETTSIAL:		VENEREAL:		MISC.:		TUBER- CULOSIS
	A	B	INFECTION	SERUM UNSPEC	MEASLES	RUBELLA	ENDEM	TYPH	RMSF	GC	

PUBLIC HEALTH REGION 8 HARLINGEN, TEXAS PHONE: 512/423-0130 POPULATION = 1,279,000 (CONTINUED FROM PRIOR PAGE)

JIM WELLS		*	2		2	*	2	*	1	*	18	5	*	1,090	4	
KLEBERG	1	*	1		*	1	*	3	*	64	1	*	376	1		
LAVACA		*	1		*	6	*		*	10		*	92	1		
LIVE OAK	1	1	*	1	2	*		*		2		*				
MCMULLEN		*			*		*		*	3		*				
NUECES	7	2	*	29	55	63	*	18	3	14	*	1,230	77	*	9,755	33
REFUGIO		1	*		2	1	*		*	3		*		3		
SAN PATRICIO		*	59	3	4	*		1	*	14		3	*	4	8	
STARR		*			*		12	*		1		2	*	6		
VICTORIA		1	*	19	2	24	*	7	18	*	138	3	*	2,403	4	
WEBB	3	1	*	55	1	26	*	15	5	*	54	3	*	619	32	
WILLACY		*	1		*		3	*	2	*	24		*	438	2	
ZAPATA		*			*		4	*		*	4		*	5		
CUMULATIVE 1981	12	9	*	267	72	264	*	316	55	45	*	2,215	158	*	21,046	265

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 1 (Kenedy)

PUBLIC HEALTH REGION 9 UVALDE, TEXAS PHONE: 512/278-7173 POPULATION = 1,343,000

COUNTIES

ATASCOSA		*			*		*		*			*					
BANDERA		*	2		9	*		*		4	1	*	112	3			
BEXAR	33	8	*	333	34	26	*	63	4	2	1	*	4,480	205	*	13,593	126
COMAL		1	*	19			*	1	*			*	16	2	*	5	
DIMMIT		1	*			3	*	1	*			*	1		*	473	2
EDWARDS		*			*		*		*			*			*	38	
FRIO		*	1		2	*	2	*	*			*	6		*	2	
GILLESPIE		*	1		2	*		*	*			*	5	1	*	14	
GUADALUPE		*	5	1	6	*		2	*			*	60	4	*	5	
KARNES		*	2		1	*		*	*			*	13		*	270	2
KENDALL		*	1	1	*		*	*	*			*			*	4	
KERR		*		1	*		*	*	*			*	22		*	5	5
LA SALLE		*			*		1	*	*			*			*	1	
MAVERICK		*	2		13	*	11	*	*			*	4		*	15	
MEDINA		*			*		*	2	*			*	13		*	434	1
REAL		*			*		*	*	*			*	1		*		
UVALDE	1	*	1		4	*		*	*			*	27	3	*	74	3
VAL VERDE		*		23	*		41	*	*			*	36	3	*	3	10
WILSON	2	1	*	3	1	1	*	*	*			*	11		*	36	2
ZAVALA		*	1		13	*		*	*			*	5		*		4
CUMULATIVE 1981	36	11	*	396	38	80	*	120	8	2	1	*	4,708	219	*	15,066	188

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NOT REPORTING: 1 (Kinney)

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

PUBLIC HEALTH REGION 10 **BEAUMONT, TEXAS** PHONE :

POPULATION = 651,000

COUNTIES

ANGELINA	1	8	*	3	1	17	*	2	*	1	*	449	18	*	49	10
HARDIN		1	*		2	2	*		1	*	2	38	3	*	1	2
HOUSTON			*			1	*			*		86	11	*	350	3
JASPER		1	*	4			*	2		*	1	133	31	*		2
JEFFERSON		4	*	16	11	40	*	16	7	*	1	2,297	131	*	3,859	41
NACOGDOCHES	1	5	*	1			*			*		169	7	*		5
NEWTON			*				*			*		20	2	*		
ORANGE		3	*	8	1	8	*	2	2	*		229	9	*		10
POLK	1		*		2	1	*			*		21	2	*		2
SABINE			*				*			*		14	1	*		1
SAN AUGUSTINE			*				*			*		38	1	*		2
SAN JACINTO			*				*			*		30		*		2
SHELBY			*	2	1	1	*			*		40	2	*	21	
TRINITY			*			1	*			*		32		*		2
TYLER			*				*			*		7		*		1
CUMULATIVE 1981	3	22	*	34	18	71	*	22	10	*	5	3,603	218	*	4,280	83

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

PUBLIC HEALTH REGION 11 **ROSENBERG, TEXAS** PHONE : 713/342-8685

POPULATION = 3,332,000

COUNTIES

AUSTIN			*	1	2	1	*		*			19	2	*		1
BRAZORIA	2	9	*	11	2	5	*	3	3	*		167	41	*		17
CHAMBERS		1	*	1		2	*	4		*		7		*		3
COLORADO			*				*	1		*		8	2	*		3
FORT BEND	9	3	*	26	5	9	*	8	3	*		70	20	*	1,419	20
GALVESTON	3	15	*	9	2	14	*	1	1	*		1,274	70	*	1,738	28
HARRIS	145	95	*	512	194	217	*	81	4	*		27,963	1,989	*	751	614
LIBERTY	1	1	*	1	1	9	*	1		*		60	17	*	40	3
HATAGORDA			*	4	1	1	*		1	*	1	8	8	*	1,606	2
MONTGOMERY	2	5	*	22	4	5	*	2		*		160	9	*		11
WALKER			*				*			*		92	4	*	53	28
WALLER			*	1			*			*		182	7	*	4	3
YHARTON	2	1	*	4	2	3	*	1		*		112	3	*	7	6
CUMULATIVE 1981	164	130	*	592	213	266	*	102	12	*	1	30,122	2,172	*	5,618	739

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

ASEPTIC MENINGITIS	HEPATITIS:	IMMUNIZABLE:	RICKETTSIAL:	VENEREAL:	MISC.:
COCCAL INFECTION	A B UNSPEC	MEASLES RUBELLA	ENDEM TYPH RSHF	GC PES SYPH	FLU & FLU-LIKE TUBERCULOSIS

PUBLIC HEALTH REGION 12 MIDLAND, TEXAS PHONE :

POPULATION = 346,000

COUNTIES

ANDREYS	*				*				*					
CRANE	*	34		1	*	1	*	9	2	*	1,262			2
DAWSON	*	1			*		*	1		*				1
ECTOR	2	*	11	1	*		*	14		*	1,299			
GAINES	2	*	6		*		*	389	43	*	3,004			6
GLASSCOCK	*	1			*		*	3	2	*				1
HOWARD	1	*	1		*		*	46	5	*	2,155			1
MARTIN	*	1		2	*		*			*	83			
MIDLAND	*	1	1	3	*	3	*	485	23	*	407			9
PECOS	*	1			*		*	10	2	*				1
REEVES	*	4	1	6	*		*	1		*	80			3
TERRELL	*				*		*	3		*				
YARD	*				*	2	*	5	3	*	31			1
WINKLER	1	1	*		*		*	4	3	*	322			1
CUMULATIVE 1981	2	5	*	60	3	16	*	970	83	*	8,643			26

OTHER COUNTIES: NO COMMUNICABLE DISEASES: 0 OTHER DISEASES ONLY: 0 NO? REPORTING: 3 (Borden, Loving, Upton)

OTHER REPORTING SOURCES

ARMED FORCES	13	1	*	28	34	49	*	1	3	*	2,859	111	*	4,347
V.A. HOSPITALS	1	2	*	1	2	2	*			*			*	1
CUMULATIVE 1981	14	3	*	29	36	51	*	1	3	*	2,859	111	*	4,348

OTHER REPORTABLE DISEASES

	CUMULATIVE		
	1979	1980	1981
AMEBIASIS	301	355	604
ANTHRAX	0	0	0
BOTULISM	3	0	4
BRUCELLOSIS	28	28	45
CHICKENPOX	7,009	9,478	10,824
CHOLERA	0	0	3
DIPHTHERIA	0	1	0
ENCEPHALITIS, ST. LOUIS	5	68	4
ENCEPHALITIS, WESTERN EQUINE	0	0	4
ENCEPHALITIS, VENEZUELAN EQUINE	0	0	0
ENCEPHALITIS, ALL OTHER	59	64	91
LEPROSY (HANSENS DISEASE)	31	32	33
LEPTOSPIROSIS	8	3	9
WALARIA	1	0	2
MALARIA ACQUIRED OUTSIDE USA	44	115	85
MUMPS	908	212	227
PERTUSSIS	104	82	91
PLAGUE	0	0	0
POLIOMYELITIS, PARALYTIC	0	0	0
PSITTACOSIS	5	8	9
Q FEVER	2	2	0
RABIES IN MAN	1	0	0
RELAPSING FEVER	8	1	1
RHEUMATIC FEVER	14	15	18
RUBELLA CONGENITAL SYNDROME	4	1	1
SALMONELLOSIS	2,198	2,457	2,612
SHIGELLOSIS	2,299	2,162	2,299
STREP THROAT & SCARLET FEVER	37,526	32,113	46,072
SMALLPOX	0	0	0
TETANUS	17	14	8
TRICHINOSIS	4	6	2
TULAREMIA	11	12	23
TYPHOID FEVER	67	67	127
TYPHUS* EPIDEMIC	0	0	0
YELLOW FEVER	0	0	0
RABIES IN ANIMALS	1,198	945	698

Preparations are currently underway for the publication entitled "**Reported** Morbidity and Mortality in Texas-1981 Annual **Summary.**" This report will provide additional epidemiological descriptions of communicable disease activity in Texas, incidence rates, mortality data, and an overview of special surveillance activities conducted by the Bureau of Epidemiology during 1981. Copies of this report may be obtained by forwarding a request directly to:

Texas Department of Health
 Bureau of Epidemiology
 1100 W. 49th Street
 Austin, Texas 78756

TABLE 1: REPORTED CASES OF SELECTED DISEASES PER 100,000 POPULATION IN TEXAS, BY PERCENTAGE DECREASE/INCREASE, COMPARED FOR 1980 AND 1981.

<u>DISEASE</u>	<u>INCIDENCE RATE</u>		<u>% DECREASE</u>
	<u>1980</u>	<u>1981</u>	
Dengue	0.01	0.43	97.7%
Hepatitis, Type A	18.54	20.93	11.4
Hepatitis, Type Unspecified	10.95	15.42	29.0
Malaria	0.59	0.81	27.2
St. Louis Encephalitis	0.03	0.48	93.8
Tetanus	0.05	0.09	44.4
Trichinosis	0.01	0.04	75.0
Typhus Fever, Endemic	0.34	0.43	20.9
			<u>% INCREASE</u>
Amebiasis	4.11	2.49	65.1%
Aseptic Meningitis	4.24	3.04	39.5
Brucellosis	0.31	0.20	55.0
Chickenpox	73.73	66.61	10.7
Encephalitis, Infectious ¹	0.62	0.44	40.9
Influenza & Flu-like	980.62	697.81	40.5
Leptospirosis	0.06	0.02	200.0
Measles	5.80	1.27	356.7
Meningococcal Infections	2.23	1.02	118.6
Rocky Mountain Spotted Fever	0.31	0.22	40.9
Rubella	1.20	0.92	30.4
Streptococcal	313.84	225.69	39.1
Syphilis, Primary & Secondary ²	36.30	26.90	34.9
Tularemia	0.16	0.08	100.0
Typhoid fever	0.87	0.47	85.1

¹exclusive of arboviral encephalitides

²civillian cases only