



Blood Lead Testing and Elevated Blood Lead Levels (EBLLs) in Texas Children, 6-14 years of age, by County, 2021

County	Number of Children Tested	Rate of Testing	Number of Children with EBLLs	Rate of Elevation
ANDERSON	12	0.22	< 5	~
ANDREWS	6	0.20	0	0.00
ANGELINA	86	0.78	< 5	~
ARANSAS	< 5	~	0	0.00
ARCHER	< 5	~	0	0.00
ARMSTRONG	0	0.00	0	0.00
ATASCOSA	14	0.20	< 5	~
AUSTIN	< 5	~	0	0.00
BAILEY	< 5	~	0	0.00
BANDERA	< 5	~	< 5	~
BASTROP	10	0.08	0	0.00
BAYLOR	0	0.00	0	0.00
BEE	7	0.21	0	0.00
BELL	38	0.07	< 5	~
BEXAR	1,041	0.40	46	4.42
BLANCO	< 5	~	0	0.00
BORDEN	< 5	~	0	0.00
BOSQUE	< 5	~	0	0.00
BOWIE	8	0.07	0	0.00
BRAZORIA	76	0.15	0	0.00
BRAZOS	29	0.12	< 5	~
BREWSTER	< 5	~	0	0.00
BRISCOE	0	0.00	0	0.00
BROOKS	< 5	~	0	0.00
BROWN	10	0.25	0	0.00
BURLESON	0	0.00	0	0.00
BURNET	5	0.09	0	0.00
CALDWELL	7	0.14	0	0.00
CALHOUN	0	0.00	0	0.00
CALLAHAN	0	0.00	0	0.00
CAMERON	873	1.38	6	0.69
CAMP	0	0.00	0	0.00
CARSON	0	0.00	0	0.00
CASS	< 5	~	0	0.00
CASTRO	0	0.00	0	0.00
CHAMBERS	9	0.13	0	0.00
CHEROKEE	6	0.09	0	0.00
CHILDRESS	0	0.00	0	0.00
CLAY	0	0.00	0	0.00
COCHRAN	0	0.00	0	0.00

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COKE	0	0.00	0	0.00
COLEMAN	0	0.00	0	0.00
COLLIN	435	0.31	13	2.99
COLLINGSWORTH	0	0.00	0	0.00
COLORADO	< 5	~	0	0.00
COMAL	18	0.09	0	0.00
COMANCHE	< 5	~	0	0.00
CONCHO	0	0.00	0	0.00
COOKE	< 5	~	0	0.00
CORYELL	11	0.11	0	0.00
COTTLE	0	0.00	0	0.00
CRANE	< 5	~	0	0.00
CROCKETT	0	0.00	0	0.00
CROSBY	< 5	~	0	0.00
CULBERSON	< 5	~	0	0.00
DALLAM	0	0.00	0	0.00
DALLAS	1,334	0.40	36	2.70
DAWSON	< 5	~	0	0.00
DEAF SMITH	5	0.17	0	0.00
DELTA	0	0.00	0	0.00
DENTON	125	0.11	< 5	~
DEWITT	5	0.22	0	0.00
DICKENS	< 5	~	0	0.00
DIMITT	5	0.39	0	0.00
DONLEY	< 5	~	0	0.00
DUVAL	< 5	~	0	0.00
EASTLAND	10	0.57	0	0.00
ECTOR	27	0.11	0	0.00
EDWARDS	< 5	~	0	0.00
EL PASO	319	0.27	< 5	~
ELLIS	43	0.16	0	0.00
ERATH	9	0.20	0	0.00
FALLS	< 5	~	0	0.00
FANNIN	13	0.33	0	0.00
FAYETTE	15	0.60	0	0.00
FISHER	0	0.00	0	0.00
FLOYD	0	0.00	0	0.00
FOARD	0	0.00	0	0.00
FORT BEND	252	0.21	5	1.98
FRANKLIN	< 5	~	0	0.00
FREESTONE	< 5	~	0	0.00
FRIO	< 5	~	0	0.00
GAINES	< 5	~	0	0.00
GALVESTON	64	0.15	< 5	~

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County	Number of Children Tested	Rate of Testing	Number of Children with EBLLs	Rate of Elevation
GARZA	0	0.00	0	0.00
GILLESPIE	< 5	~	0	0.00
GLASSCOCK	0	0.00	0	0.00
GOLIAD	0	0.00	0	0.00
GONZALES	7	0.26	0	0.00
GRAY	< 5	~	0	0.00
GRAYSON	51	0.31	0	0.00
GREGG	36	0.22	< 5	~
GRIMES	14	0.41	0	0.00
GUADALUPE	83	0.37	0	0.00
HALE	< 5	~	0	0.00
HALL	0	0.00	0	0.00
HAMILTON	0	0.00	0	0.00
HANSFORD	0	0.00	0	0.00
HARDEMAN	< 5	~	0	0.00
HARDIN	20	0.28	0	0.00
HARRIS	2,932	0.47	52	1.77
HARRISON	14	0.16	< 5	~
HARTLEY	< 5	~	0	0.00
HASKELL	0	0.00	0	0.00
HAYS	14	0.05	0	0.00
HEMPHILL	0	0.00	0	0.00
HENDERSON	9	0.10	0	0.00
HIDALGO	668	0.46	9	1.35
HILL	6	0.14	0	0.00
HOCKLEY	< 5	~	0	0.00
HOOD	< 5	~	0	0.00
HOPKINS	11	0.24	0	0.00
HOUSTON	< 5	~	0	0.00
HOWARD	7	0.19	0	0.00
HUDSPETH	< 5	~	0	0.00
HUNT	25	0.20	< 5	~
HUTCHINSON	< 5	~	0	0.00
IRION	0	0.00	0	0.00
JACK	< 5	~	0	0.00
JACKSON	< 5	~	0	0.00
JASPER	10	0.26	0	0.00
JEFF DAVIS	0	0.00	0	0.00
JEFFERSON	112	0.36	< 5	~
JIM HOGG	6	0.75	0	0.00
JIM WELLS	10	0.18	0	0.00
JOHNSON	34	0.14	< 5	~
JONES	< 5	~	0	0.00
KARNES	< 5	~	0	0.00

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County	Number of Children Tested	Rate of Testing	Number of Children with EBLLs	Rate of Elevation
KAUFMAN	35	0.16	0	0.00
KENDALL	5	0.09	0	0.00
KENEDY	0	0.00	0	0.00
KENT	0	0.00	0	0.00
KERR	< 5	~	0	0.00
KIMBLE	< 5	~	0	0.00
KING	0	0.00	0	0.00
KINNEY	< 5	~	0	0.00
KLEBERG	0	0.00	0	0.00
KNOX	0	0.00	0	0.00
LA SALLE	7	1.09	0	0.00
LAMAR	11	0.18	0	0.00
LAMB	< 5	~	0	0.00
LAMPASAS	< 5	~	< 5	~
LAVACA	6	0.24	< 5	~
LEE	10	0.56	< 5	~
LEON	< 5	~	0	0.00
LIBERTY	31	0.23	< 5	~
LIMESTONE	8	0.32	0	0.00
LIPSCOMB	< 5	~	0	0.00
LIVE OAK	< 5	~	0	0.00
LLANO	0	0.00	0	0.00
LOVING	0	0.00	0	0.00
LUBBOCK	37	0.10	< 5	~
LYNN	0	0.00	0	0.00
MADISON	< 5	~	0	0.00
MARION	< 5	~	0	0.00
MARTIN	< 5	~	0	0.00
MASON	0	0.00	0	0.00
MATAGORDA	14	0.29	< 5	~
MAVERICK	13	0.15	0	0.00
MCCULLOCH	0	0.00	0	0.00
MCLENNAN	70	0.22	< 5	~
MCMULLEN	0	0.00	0	0.00
MEDINA	17	0.29	0	0.00
MENARD	0	0.00	0	0.00
MIDLAND	26	0.10	< 5	~
MILAM	< 5	~	0	0.00
MILLS	< 5	~	0	0.00
MITCHELL	< 5	~	0	0.00
MONTAGUE	< 5	~	< 5	~
MONTGOMERY	105	0.12	< 5	~
MOORE	< 5	~	0	0.00
MORRIS	< 5	~	0	0.00

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County	Number of Children Tested	Rate of Testing	Number of Children with EBLLs	Rate of Elevation
MOTLEY	0	0.00	0	0.00
NACOGDOCHES	< 5	~	0	0.00
NAVARRO	15	0.21	< 5	~
NEWTON	6	0.50	0	0.00
NOLAN	0	0.00	0	0.00
NUECES	47	0.11	< 5	~
OCHILTREE	< 5	~	0	0.00
OLDHAM	< 5	~	0	0.00
ORANGE	79	0.74	0	0.00
PALO PINTO	< 5	~	0	0.00
PANOLA	< 5	~	0	0.00
PARKER	13	0.07	0	0.00
PARMER	< 5	~	0	0.00
PECOS	0	0.00	0	0.00
POLK	< 5	~	0	0.00
POTTER	45	0.28	< 5	~
PRESIDIO	< 5	~	0	0.00
RAINS	0	0.00	0	0.00
RANDALL	27	0.15	0	0.00
REAGAN	0	0.00	0	0.00
REAL	0	0.00	0	0.00
RED RIVER	< 5	~	0	0.00
REEVES	9	0.51	0	0.00
REFUGIO	< 5	~	0	0.00
ROBERTS	0	0.00	0	0.00
ROBERTSON	< 5	~	0	0.00
ROCKWALL	19	0.12	0	0.00
RUNNELS	< 5	~	0	0.00
RUSK	< 5	~	0	0.00
SABINE	< 5	~	0	0.00
SAN AUGUSTINE	< 5	~	0	0.00
SAN JACINTO	< 5	~	0	0.00
SAN PATRICIO	6	0.07	0	0.00
SAN SABA	0	0.00	0	0.00
SCHLEICHER	0	0.00	0	0.00
SCURRY	< 5	~	0	0.00
SHACKELFORD	0	0.00	0	0.00
SHELBY	6	0.19	0	0.00
SHERMAN	< 5	~	0	0.00
SMITH	21	0.07	< 5	~
SOMERVELL	< 5	~	0	0.00
STARR	78	0.72	< 5	~
STEPHENS	< 5	~	0	0.00
STERLING	0	0.00	0	0.00

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County	Number of Children Tested	Rate of Testing	Number of Children with EBLLs	Rate of Elevation
STONEWALL	0	0.00	0	0.00
SUTTON	0	0.00	0	0.00
SWISHER	< 5	~	0	0.00
TARRANT	583	0.21	33	5.66
TAYLOR	10	0.06	< 5	~
TERRELL	0	0.00	0	0.00
TERRY	< 5	~	0	0.00
THROCKMORTON	< 5	~	0	0.00
TITUS	< 5	~	0	0.00
TOM GREEN	9	0.06	0	0.00
TRAVIS	545	0.40	12	2.20
TRINITY	7	0.51	0	0.00
TYLER	< 5	~	0	0.00
UPSHUR	< 5	~	0	0.00
UPTON	< 5	~	0	0.00
UVALDE	10	0.30	0	0.00
VAL VERDE	13	0.19	0	0.00
VAN ZANDT	8	0.12	0	0.00
VICTORIA	20	0.17	0	0.00
WALKER	6	0.11	0	0.00
WALLER	5	0.07	0	0.00
WARD	< 5	~	0	0.00
WASHINGTON	< 5	~	0	0.00
WEBB	1,632	3.71	12	0.74
WHARTON	9	0.17	0	0.00
WHEELER	< 5	~	0	0.00
WICHITA	15	0.10	< 5	~
WILBARGER	0	0.00	0	0.00
WILLACY	101	4.25	< 5	~
WILLIAMSON	47	0.06	< 5	~
WILSON	9	0.14	< 5	~
WINKLER	< 5	~	0	0.00
WISE	6	0.07	0	0.00
WOOD	< 5	~	0	0.00
YOAKUM	< 5	~	0	0.00
YOUNG	< 5	~	0	0.00
ZAPATA	10	0.42	0	0.00
ZAVALA	0	0.00	0	0.00
UNKNOWN COUNTY	416	n/a	5	1.20
TEXAS TOTAL	13,407	0.35	284	2.12



Blood Lead Surveillance Branch

Data Considerations

1. Analysis is based on a current dataset (01/10/2024) and is considered provisional and subject to change.
2. Rates are per 100.
3. Rates that cannot be calculated are indicated with “~”.
4. The Centers for Disease Control and Prevention (CDC) currently defines a reference level of 5 µg/dL to identify individuals with elevated blood lead levels.
5. Each person is represented once at the date of the highest test for the given calendar year.
6. Each person’s residential geography is represented by the address at the time of the highest test per calendar year.
7. Because BLSB only actively gathers addresses for individuals with blood lead levels 5 µg/dL or greater, persons with blood lead levels less than 5 µg/dL may be under-represented geographically due to the lack of availability of address information.
8. Caution should be used when interpreting data with a small count (i.e., less than 20).
9. Cell sizes of 1-4 are expressed as "< 5" to protect the identity of individuals.
10. Population data (if applicable) is obtained from Texas Demographic Center, located at <https://demographics.texas.gov/Data/TPEPP/>

Identification of Persons/Entities with Blood Lead Data:

1. No person will attempt to use these data to identify any person or entity.
2. If the identity of a person or entity should be discovered inadvertently:
3. No use will be made of this knowledge
4. The Blood Lead Surveillance Branch will be notified immediately of the incident via phone at (800) 588 – 1248 or email at TexasBloodLead@dshs.texas.gov .
5. The information that would identify the individual or entity will be destroyed, as requested by the Blood Lead Surveillance Branch.
6. No one else will be informed of the discovery.



Blood Lead Surveillance Branch

Data Considerations

1. Analysis is based on a current dataset (01/10/2024) and is considered provisional and subject to change.
2. Rates are per 100.
3. Rates that cannot be calculated are indicated with “~”.
4. In October of 2021, the Center for Disease Control and Prevention (CDC) recommended lowering the blood lead reference level (BLRV) from 5 µg/dL to 3.5 µg/dL to identify individuals with elevated blood lead levels (EBLL). Texas DSHS continued to define an EBLL as 5 µg/dL through 2021 and 2022 and the data tables for 2021 utilize a BLRV of 5 µg/dL to identify individuals with an EBLL. Texas DSHS implemented the lower BLRV in 2023.
5. Each person is represented once at the date of the highest test for the given calendar year.
6. Each person’s residential geography is represented by the address at the time of the highest test per calendar year.
7. Because BLSB only actively gathers addresses for individuals with blood lead levels 5 µg/dL or greater, persons with blood lead levels less than 5 µg/dL may be under-represented geographically due to the lack of availability of address information.
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