



THE THREAT OF OIL & GAS POLLUTION

Texas

Methane, the primary component of gas, is an invisible, odorless greenhouse gas that is a powerful driver of climate change — 87 times as powerful as carbon dioxide during the time it remains in the atmosphere.¹ The oil and gas sector is the largest source of methane in the U.S., leaking or intentionally venting large quantities of this dangerous pollutant into our air every day. In 2014, the oil and gas industry emitted over 9.8 million metric tons of methane, a number 34% higher than previous estimates.² The near-term climate impact of these emissions is equal to the pollution caused by more than 200 coal-fired power plants over 20 years.

Along with methane, oil and gas facilities often release other air pollutants that can harm our health, including formaldehyde, benzene, acetaldehyde, and ethyl benzene. These toxins can cause cancer, respiratory symptoms, anemia, brain damage and birth defects, eye irritation, and blood and neurological disorders.

THE THREAT RADIUS

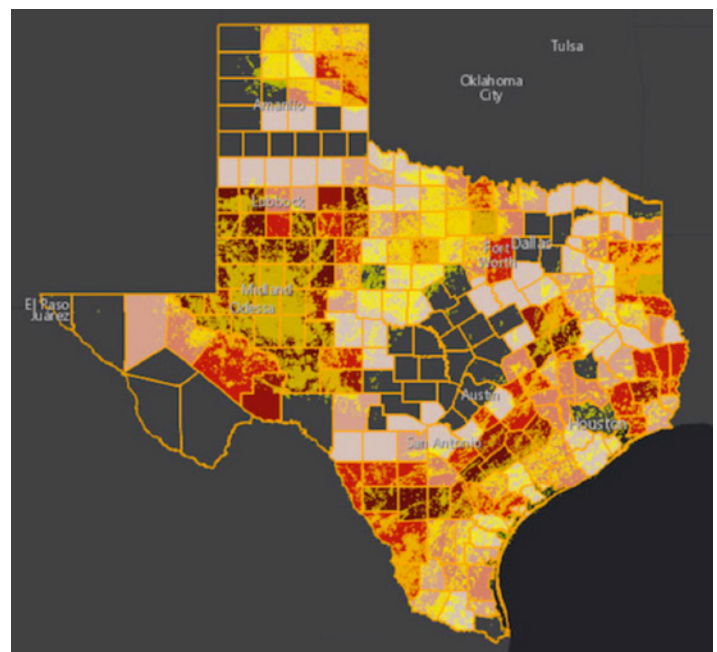
Peer-reviewed studies have documented higher levels of harmful air pollutants in and around areas with oil and gas production activity, and have shown that oil and gas facilities are the source of the excess pollution. Research indicates links between risks and/or prevalence of disease and proximity to facilities.³ The half mile “threat radius” is a very conservative estimate of the area within which higher levels of toxic pollution are seen, and the distance within which health impacts have most clearly been correlated with the presence of oil and gas facilities.⁴

There are currently 12.4 million people living within a half mile of one of 1,193,118 active oil and gas wells, compressors, and processors in the United States. In total, 184,578 square miles are covered by the threat radius⁵, which includes 11,543 schools and 639 medical facilities. Nationwide, 238 counties in 21 states face a cancer risk

that exceeds EPA’s one-in-a-million threshold level of concern, **including 82 counties in Texas.**⁶

OIL & GAS THREATENS TEXANS

Over 2 million Texans live within a half mile threat radius of an oil and gas facility — over 8% of the state’s population. Of the 82 counties in Texas that exceed EPA’s cancer risk



level of concern, 19 also exceed EPA's respiratory hazard risk level of concern. Another 10 counties have a county respiratory health risk in the top 2%. In addition, 34 counties are in the highest 10% for county cancer risk.

Texas was in six of the fifteen highest methane emitting oil- and gas-producing basins in the country in 2014, including three of the highest five. The Anadarko Basin was the highest methane-emitting oil- and gas-producing basin in 2014, emitting 5,855,333 metric tons of carbon dioxide equivalent from 43,536 wells—a rate of 128 metric tons per well. The Gulf Coast Basin was the second highest methane emitting oil- and gas-producing basin in 2014, emitting 5,751,780 metric tons of carbon dioxide equivalent from 32,770 wells—a rate of 163 metric tons per well.

THE NUMBERS⁷

TOTAL POPULATION Living in the Threat Radius (within a half mile of a facility)	2.3 million
TOTAL NUMBER of Active Oil and Gas Wells, Compressors, and Processors	398,787
NUMBER OF COUNTIES that Exceed EPA's Cancer Risk Level of Concern	82
NUMBER OF SCHOOLS in the Threat Radius	904
NUMBER OF MEDICAL FACILITIES in the Threat Radius	78
SQUARE MILES COVERED by the Threat Radius	55,760

STRONG FEDERAL STANDARDS ARE KEY

On May 12, 2016, the Environmental Protection Agency (EPA) finalized the first-ever federal standards addressing

ENDNOTES

- http://www.ipcc.ch/pdf/assessment-report/ar5/wg1/WG1AR5_Chapter08_FINAL.pdf
- <https://www3.epa.gov/climatechange/Downloads/ghgemissions/US-GHG-Inventory-2016-Main-Text.pdf>
- <http://ehp.niehs.nih.gov/1306722/>
- <http://oilandgasthreatmap.com/about/threat/>
- <http://oilandgasthreatmap.com/threat-map/>
- <http://oilandgasthreatmap.com/threat-map/texas/>
- <http://oilandgasthreatmap.com/threat-map/texas/>

new and modified sources of methane pollution from the oil and gas sector. These standards require, among other things, that companies regularly monitor for and repair leaks.⁸ The EPA expects this rule to cut 510,000 tons of methane pollution from oil and gas facilities and equipment, the emissions equivalent of 11 coal-fired power plants or taking 8.5 million cars off the road every year.⁹ These standards will also significantly impact public health by curbing emissions of smog-forming volatile organic compounds (VOCs) and toxic air pollutants.

The 2016 standards were an important first step, but in 2018, nearly 90% of methane emissions will come from existing sources not covered by this rule.¹⁰ Strong methane standards for both new *and existing* sources are key to the Administration's ability to meet its Paris climate commitments to reduce greenhouse gas emissions 26-28% below 2005 levels by 2025.¹¹ Therefore, the EPA must develop strong and effective standards for existing sources as soon as possible, both to meet its legal commitments and to protect public health and welfare. **Without strong standards on existing sources, millions of people—including 2.3 million in Texas within the threat radius—will continue to be at risk.**

COMMON-SENSE SOLUTIONS ARE READILY AVAILABLE

Thankfully, common-sense solutions exist not only to clean-up and fix methane leaks, but to boost local economies as well. More than 500 locations in 46 states are already manufacturing the equipment and providing the services needed to reduce methane pollution, **including 185 locations in Texas.** These businesses are helping to grow the local economy by creating highly skilled, good-paying jobs.¹²

- <https://www.epa.gov/newsreleases/epa-releases-first-ever-standards-cut-methane-emissions-oil-and-gas-sector>
- <https://www.epa.gov/newsreleases/epa-releases-first-ever-standards-cut-methane-emissions-oil-and-gas-sector>
- https://www.edf.org/sites/default/files/methane_cost_curve_report.pdf
- <https://www.whitehouse.gov/the-press-office/2015/03/31/fact-sheet-us-reports-its-2025-emissions-target-unfccc>
- https://www.edf.org/sites/default/files/us_methane_mitigation_industry_report.pdf

APPENDIX

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Harris County	4,092,459	466,150	2,797	104	6	265.84	
Hidalgo County	774,769	143,850	1,950	67	8	387.65	
Gregg County	121,730	98,333	4,947	46	4	215.43	Exceeds EPA level of concern for cancer risk*
Ector County	137,130	70,591	10,645	16	0	701.90	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Bexar County	1,714,773	56,171	4,677	27	1	168.21	
Nueces County	340,223	55,138	2,408	35	1	414.44	
Fort Bend County	585,375	54,171	1,183	10	0	135.76	
Denton County	662,614	53,911	1,771	14	0	253.41	County Cancer Risk in highest 10%
Wise County	59,127	51,379	4,016	15	2	799.44	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Tarrant County	1,809,034	51,057	326	5	0	83.36	Exceeds EPA level of concern for cancer risk*
Wichita County	131,500	50,884	17,298	28	4	367.37	
Montgomery County	455,746	45,477	586	8	0	98.32	County Cancer Risk in highest 10%
Webb County	250,304	44,490	5,748	7	0	1,302.32	Exceeds EPA level of concern for cancer risk*
Parker County	116,927	40,078	1,138	10	0	440.10	County Cancer Risk in highest 10%
Rusk County	53,330	39,290	5,417	26	1	592.96	Exceeds EPA level of concern for cancer risk*
Jefferson County	252,273	37,141	1,060	17	1	146.57	
Galveston County	291,309	35,967	486	15	0	101.99	
Midland County	136,872	35,633	7,003	3	2	852.80	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Brazoria County	313,166	32,716	1,650	16	1	268.44	
Smith County	209,714	31,896	950	7	0	217.85	
Harrison County	65,631	28,694	3,424	16	1	583.56	Exceeds EPA level of concern for cancer risk*
Grayson County	120,877	23,919	880	9	1	178.05	
San Patricio County	64,804	22,753	1,440	17	1	271.88	
Taylor County	131,506	22,154	1,541	8	0	354.61	
Panola County	23,796	22,092	5,768	10	1	705.83	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Hutchinson County	22,150	21,667	6,665	16	1	459.96	
Victoria County	86,793	16,890	1,656	12	0	367.66	
Upshur County	39,309	16,519	981	3	0	190.02	Exceeds EPA level of concern for cancer risk*
Hockley County	22,935	16,480	4,506	14	1	373.95	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Matagorda County	36,702	15,838	972	9	0	249.78	County Cancer Risk in highest 10%
Moore County	21,904	15,088	2,316	4	1	662.27	
Brown County	38,106	14,792	4,748	5	0	402.47	
Starr County	60,968	14,561	2,474	3	0	445.32	

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Bee County	31,861	14,378	1,454	2	1	358.69	Exceeds EPA level of concern for cancer risk*
Nacogdoches County	64,524	14,333	1,478	2	1	367.37	
Young County	18,550	12,842	6,903	6	2	678.87	
Liberty County	75,643	12,710	2,211	6	2	175.29	Exceeds EPA level of concern for cancer risk*
Freestone County	19,816	12,701	3,018	5	1	457.44	Exceeds EPA level of concern for cancer risk*
Eastland County	18,583	11,692	3,854	6	0	552.91	
Jim Wells County	40,838	10,693	1,485	4	0	307.49	
Cooke County	38,437	10,511	3,455	10	1	294.51	County Cancer Risk in highest 10%
Caldwell County	38,066	8,931	4,525	6	2	122.46	Exceeds EPA level of concern for cancer risk*
Lubbock County	278,831	8,716	560	4	0	86.05	County Cancer Risk in highest 10%
Palo Pinto County	28,111	8,676	2,838	3	0	596.27	
Ward County	10,658	8,648	4,259	11	1	477.80	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Navarro County	47,735	8,592	2,659	8	0	161.74	
Atascosa County	44,911	8,511	2,236	5	0	228.07	County Cancer Risk in highest 10%
Zapata County	14,018	8,418	3,324	1	0	656.47	Exceeds EPA level of concern for cancer risk*
Gaines County	17,526	8,346	5,095	7	1	473.33	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Stephens County	9,630	8,137	4,719	6	2	673.64	Exceeds EPA level of concern for cancer risk*
Wood County	41,964	8,137	1,263	5	1	135.94	County Cancer Risk in highest 10%
Andrews County	14,786	7,913	12,340	3	0	943.86	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Wilson County	42,918	7,847	928	5	0	165.19	Exceeds EPA level of concern for cancer risk*
Ochiltree County	10,223	7,408	1,584	4	1	578.51	
Jack County	9,044	7,291	5,023	1	1	778.29	County Cancer Risk in highest 10%
Dallas County	2,368,139	7,191	4	4	3	1.77	
Orange County	81,837	7,132	402	1	0	48.79	
Hardin County	54,635	6,848	3,174	0	0	140.46	Exceeds EPA level of concern for cancer risk*
Henderson County	78,532	6,787	666	5	0	132.98	
Montague County	19,719	6,762	3,250	2	1	380.98	Exceeds EPA level of concern for cancer risk*
Anderson County	58,458	6,509	1,263	3	0	159.68	
Wharton County	41,280	6,401	1,626	7	0	393.71	County Cancer Risk in highest 10%
Yoakum County	7,879	6,291	3,761	5	1	274.02	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Brazos County	194,851	6,203	296	1	0	104.79	
Gonzales County	19,807	6,045	228	3	1	121.40	Exceeds EPA level of concern for cancer risk*

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Van Zandt County	52,579	6,010	620	6	0	54.90	
Aransas County	23,158	5,946	310	3	0	88.36	
Howard County	35,012	5,851	6,076	2	1	605.61	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Garza County	6,461	5,711	2,484	3	1	269.45	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Kleberg County	32,061	5,601	690	4	0	203.61	
Winkler County	7,110	5,569	3,284	5	1	370.27	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Milam County	24,757	5,387	2,511	3	0	134.48	County Cancer Risk in highest 10%
Archer County	9,054	5,105	8,932	4	0	580.39	
Chambers County	35,096	5,103	1,026	0	0	164.82	Exceeds EPA level of concern for cancer risk*
Shelby County	25,448	4,913	435	0	0	132.41	Exceeds EPA level of concern for cancer risk*
Johnson County	150,934	4,844	88	0	0	58.80	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Martin County	4,799	4,792	5,943	1	1	890.79	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Gray County	22,535	4,703	4,912	4	0	538.36	County Cancer Risk in highest 10%
Cherokee County	50,845	4,608	650	3	0	212.68	
Lee County	16,612	4,563	600	2	0	160.91	Exceeds EPA level of concern for cancer risk*
Lavaca County	19,263	4,413	779	2	1	258.91	Exceeds EPA level of concern for cancer risk*
Jones County	20,202	4,368	2,364	0	1	386.22	
Callahan County	13,544	4,364	3,467	4	0	377.96	
Madison County	13,664	4,314	351	4	0	154.69	Exceeds EPA level of concern for cancer risk*
Nolan County	15,216	4,146	1,115	4	0	282.70	County Cancer Risk in highest 10%
Limestone County	23,384	4,127	1,485	1	0	241.23	Exceeds EPA level of concern for cancer risk*
Refugio County	7,383	4,035	2,462	3	1	255.24	Exceeds EPA level of concern for cancer risk*
Leon County	16,801	3,993	855	2	0	268.64	Exceeds EPA level of concern for cancer risk*
Lamb County	13,977	3,943	161	4	1	25.17	
Duval County	11,782	3,875	3,703	1	0	597.06	County Cancer Risk in highest 10%
Burleson County	17,187	3,718	773	4	0	229.01	Exceeds EPA level of concern for cancer risk*
Runnels County	10,501	3,685	1,190	4	1	362.60	
Crockett County	3,719	3,478	8,790	3	0	1,247.68	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Bowie County	92,565	3,436	28	1	0	15.03	
Pecos County	15,507	3,391	5,705	5	1	876.65	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Maverick County	54,258	3,390	971	0	0	154.18	Exceeds EPA level of concern for cancer risk*
Frio County	17,217	3,312	944	2	0	212.31	Exceeds EPA level of concern for cancer risk*
Guadalupe County	131,533	3,283	2,508	0	0	96.86	
Hood County	51,182	3,178	185	0	0	87.19	County Cancer Risk in highest 10%
Williamson County	422,679	3,166	167	1	0	18.72	
Shackelford County	3,378	3,106	5,827	3	0	564.02	County Cancer Risk in highest 10%
Waller County	43,205	2,980	417	0	0	49.24	County Cancer Risk in highest 10%
Bastrop County	74,171	2,860	492	1	0	72.86	
McLennan County	234,906	2,859	106	0	0	8.96	
Jackson County	14,075	2,849	1,655	2	0	304.19	County Cancer Risk in highest 10%
Robertson County	16,622	2,817	813	1	0	252.11	Exceeds EPA level of concern for cancer risk*
Scurry County	16,921	2,773	3,670	0	0	312.23	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Marion County	10,546	2,748	790	1	0	128.10	Exceeds EPA level of concern for cancer risk*
Live Oak County	11,531	2,743	1,215	0	0	342.08	Exceeds EPA level of concern for cancer risk*
Clay County	10,752	2,713	3,016	3	0	346.60	County Cancer Risk in highest 10%
Coleman County	8,895	2,667	2,788	1	0	499.64	
Medina County	46,006	2,599	2,032	1	0	88.89	
Reagan County	3,367	2,573	6,163	1	1	946.02	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Fayette County	24,554	2,562	439	2	1	175.92	Exceeds EPA level of concern for cancer risk*
Goliad County	7,210	2,498	1,088	1	0	346.72	County Cancer Risk in highest 10%
Sutton County	4,128	2,485	6,534	1	0	685.45	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Polk County	45,413	2,416	409	0	0	106.81	
Dawson County	13,833	2,392	1,655	3	0	318.11	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Austin County	28,417	2,357	388	2	0	51.98	County Cancer Risk in highest 10%
Lipscomb County	3,302	2,351	1,221	5	0	495.91	County Cancer Risk in highest 10%
Angelina County	86,771	2,203	105	0	0	44.66	
Colorado County	20,874	2,201	584	1	0	215.50	Exceeds EPA level of concern for cancer risk*
Calhoun County	21,381	2,200	461	2	0	140.42	
Carson County	6,182	2,171	2,354	3	0	345.50	County Cancer Risk in highest 10%
Cass County	30,464	2,142	644	1	0	114.39	County Cancer Risk in highest 10%
Wheeler County	5,410	2,095	2,375	5	1	532.60	Exceeds EPA level of concern for cancer risk*

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
DeWitt County	20,097	1,954	523	1	0	203.36	Exceeds EPA level of concern for cancer risk*
San Jacinto County	26,384	1,891	150	0	0	48.42	
Brooks County	7,223	1,835	880	0	0	242.41	County Cancer Risk in highest 10%
Hansford County	5,613	1,819	905	0	1	442.13	
Crane County	4,375	1,764	6,495	0	1	493.39	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Jasper County	35,710	1,668	99	1	0	50.04	Exceeds EPA level of concern for cancer risk*
Knox County	3,719	1,483	705	0	1	122.57	
Tyler County	21,766	1,444	172	0	0	72.49	Exceeds EPA level of concern for cancer risk*
Hemphill County	3,807	1,356	2,831	1	0	633.93	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Reeves County	13,783	1,318	2,004	2	0	565.02	County Cancer Risk in highest 10%
La Salle County	6,886	1,315	811	0	0	161.56	Exceeds EPA level of concern for cancer risk*
Hardeman County	4,139	1,311	238	0	0	90.78	
Houston County	23,732	1,224	509	5	0	166.33	
Potter County	121,073	1,222	1,044	0	0	198.35	
Haskell County	5,899	1,209	666	2	0	182.72	
Newton County	14,445	1,156	179	0	0	65.71	Exceeds EPA level of concern for cancer risk*
Glasscock County	1,226	1,155	4,538	0	0	774.15	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Fisher County	3,974	1,033	995	3	0	218.58	Exceeds EPA level of concern for cancer risk*
Falls County	17,866	1,014	119	2	0	37.58	
Kaufman County	103,350	961	42	0	0	14.48	
Erath County	37,890	938	404	0	0	132.23	
Franklin County	10,605	888	367	0	0	31.36	County Cancer Risk in highest 10%
Dickens County	2,444	884	271	1	0	79.46	Exceeds EPA level of concern for cancer risk*
Titus County	32,334	846	530	0	0	32.31	
Grimes County	26,604	823	52	0	0	31.17	County Cancer Risk in highest 10%
Cochran County	3,127	806	2,461	2	0	292.00	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Coryell County	75,388	771	5	0	0	3.73	
Tom Green County	110,224	748	1,005	0	0	205.96	
Comanche County	13,974	746	631	0	0	129.75	
Willacy County	22,134	735	357	0	0	70.71	
Schleicher County	3,461	721	1,417	0	0	378.64	Exceeds EPA level of concern for cancer risk*
Travis County	1,024,266	703	44	1	0	7.61	
Edwards County	2,002	687	796	1	0	188.13	
Hopkins County	35,161	686	152	1	0	34.54	

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Dimmit County	9,996	647	874	0	0	229.35	Exceeds EPA level of concern for cancer risk*
Walker County	67,861	566	34	1	0	18.35	
Camp County	12,401	557	147	0	0	21.49	County Cancer Risk in highest 10%
Irion County	1,599	524	2,537	2	0	548.81	Exceeds EPA level of concern for cancer risk*
Karnes County	14,824	513	427	0	0	128.60	Exceeds EPA level of concern for cancer risk*
Upton County	3,355	483	7,139	1	1	936.35	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Throckmorton County	1,641	474	2,051	0	0	360.53	County Cancer Risk in highest 10%
Sherman County	3,034	462	1,056	0	0	545.28	County Cancer Risk in highest 10%
Washington County	33,718	448	118	1	0	23.00	County Cancer Risk in highest 10%
Trinity County	14,585	442	43	0	0	14.41	
Stonewall County	1,490	431	1,077	0	0	220.72	Exceeds EPA level of concern for cancer risk*
Oldham County	2,052	390	84	0	0	33.52	
Ellis County	149,610	380	43	0	0	8.48	
Lynn County	5,915	335	123	1	0	34.62	Exceeds EPA level of concern for cancer risk*
Zavala County	11,677	316	468	0	0	175.14	Exceeds EPA level of concern for cancer risk*
Hill County	35,089	306	4	0	0	2.90	
Rains County	10,914	273	14	0	0	8.20	
Wilbarger County	13,535	245	2,736	1	0	178.53	
McMullen County	707	236	1,999	0	0	301.24	Exceeds EPA level of concern for cancer risk*
Hays County	157,107	163	1	0	0	0.79	
Hartley County	6,062	160	117	0	0	62.78	
Lampasas County	19,677	160	8	0	0	2.29	
Borden County	641	157	896	0	0	209.33	Exceeds EPA level of concern for cancer risk* AND Exceeds EPA level of concern for respiratory hazard risk**
Terry County	12,651	153	1,111	0	0	142.57	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Coke County	3,320	142	738	0	0	158.41	
Collin County	782,341	124	1	0	0	0.79	
Bandera County	20,485	118	4	0	0	3.14	
Red River County	12,860	117	77	0	0	25.70	
Hunt County	86,129	109	5	0	0	1.39	
Mitchell County	9,403	93	3,351	2	0	200.99	Exceeds EPA level of concern for cancer risk*
Jim Hogg County	5,300	84	722	0	0	212.51	
Roberts County	929	84	1,260	0	0	321.90	Exceeds EPA level of concern for cancer risk*
Kent County	808	83	729	2	0	154.70	Exceeds EPA level of concern for cancer risk*
Cameron County	406,220	81	13	0	0	9.28	
Baylor County	3,726	79	682	0	0	104.61	
Concho County	4,087	76	418	0	0	114.25	

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Sterling County	1,143	74	2,320	0	0	328.73	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
Loving County	82	54	1,273	0	0	292.35	Exceeds EPA level of concern for cancer risk* AND County respiratory health risk in top 2%
McCulloch County	8,283	47	108	0	0	28.69	
Somervell County	8,490	41	5	0	0	3.28	
San Augustine County	8,865	40	6	0	0	4.36	County Cancer Risk in highest 10%
Crosby County	6,059	39	878	0	0	60.44	
Fannin County	33,915	39	3	0	0	2.36	
Collingsworth County	3,057	37	414	0	0	124.12	
Foard County	1,336	37	277	0	0	44.10	
Menard County	2,242	35	226	0	0	60.97	
Kimble County	4,607	30	41	0	0	21.48	
Randall County	120,725	29	2	0	0	1.57	
Kendall County	33,410	28	1	0	0	0.79	
Lamar County	49,793	27	3	1	0	2.23	
Hamilton County	8,517	20	22	0	0	9.49	
Childress County	7,041	17	7	0	0	3.60	
King County	286	17	684	0	0	167.51	Exceeds EPA level of concern for cancer risk*
Kenedy County	416	16	309	0	0	106.94	County Cancer Risk in highest 10%
Cottle County	1,505	14	157	0	0	49.65	
Hale County	36,273	13	229	0	0	13.74	
Val Verde County	48,879	8	275	0	0	80.27	
Bell County	310,235	6	1	0	0	0.79	
Terrell County	984	6	547	0	0	151.21	Exceeds EPA level of concern for cancer risk*
Motley County	1,210	3	35	0	0	14.01	
Real County	3,309	3	10	0	0	5.28	
Sabine County	10,834	3	2	0	0	1.57	
Uvalde County	26,405	3	8	0	0	4.42	
Deaf Smith County	19,372	2	1	0	0	0.79	
Floyd County	6,446	2	6	0	0	4.79	
Morris County	12,934	2	1	0	0	0.79	
Mills County	4,936	1	2	0	0	1.42	
Armstrong County	1,901	0	1	0	0	0.79	
Bailey County	7,165	0	1	0	0	0.79	
Blanco County	10,497	0	0	0	0	0.00	
Bosque County	18,212	0	0	0	0	0.00	
Brewster County	9,232	0	0	0	0	0.00	
Briscoe County	1,637	0	0	0	0	0.00	
Burnet County	42,750	0	0	0	0	0.00	
Castro County	8,062	0	0	0	0	0.00	
Comal County	108,472	0	0	0	0	0.00	
Culberson County	2,398	0	304	1	0	51.25	
Dallam County	6,703	0	4	0	0	3.22	
Delta County	5,231	0	0	0	0	0.03	

APPENDIX, CONT.

TX Counties	Total Population	Threatened Population	Number of Facilities	Threatened Schools	Threatened Medical Facilities	Threatened Square Miles	Other Risks
Donley County	3,677	0	4	0	0	2.15	
El Paso County	800,647	0	1	0	0	0.79	
Gillespie County	24,837	0	0	0	0	0.00	
Hall County	3,353	0	0	0	0	0.00	
Hudspeth County	3,476	0	2	0	0	1.57	
Jeff Davis County	2,342	0	0	0	0	0.00	
Kerr County	49,625	0	0	0	0	0.00	
Kinney County	3,598	0	0	0	0	0.00	
Llano County	19,301	0	0	0	0	0.00	
Mason County	4,012	0	0	0	0	0.00	
Parmer County	10,269	0	0	0	0	0.00	
Presidio County	7,818	0	0	0	0	0.00	
Rockwall County	78,337	0	0	0	0	0.00	
San Saba County	6,131	0	0	0	0	0.08	
Swisher County	7,854	0	0	0	0	0.00	

*County-wide average cancer risk is equal to or greater than 1 in 1 million.

**County-wide average respiratory hazard index is equal to or greater than 1.