

US EPA ARCHIVE DOCUMENT

B2: Multiple Facility Analysis Point Locations -- Industrial Corridor Parishes											Parishes 1 of 4	
Facility Universe Radius (# Sites)	Estimated Total Proximate Population	Estimated Number of African Americans in Proximity	Expected Estimated Number of African Americans in Proximity	Estimated # of African Americans Above Expected (Exceedance) in Proximity	Of Proximate Population % African American	% of African American Population in Geographic Area in Proximity p1	Estimated Number of Non-African Americans in Proximity	Of Proximate Population % Non-African American	% of Non-African American Population in Geographic Area in Proximity p2	Number of Standard Deviations	Ratio of % African Americans in Proximity p1/p2	
All TRI												
(141)												
4 Miles												
1 Site	193,069	51,170	71,114	(19,944)	26.5%	8.5%	141,899	73.5%	13.7%	100.17	0.62	
2-3 Sites	368,443	142,771	135,710	7,061	38.7%	23.6%	225,672	61.3%	21.8%	27.38	1.08	
4 or More Sites	847,140	345,275	312,031	33,244	40.8%	57.1%	501,865	59.2%	48.4%	107.61	1.18	
2 Miles												
1 Site	361,569	145,114	133,179	11,935	40.1%	24.0%	216,455	59.9%	20.9%	46.60	1.15	
2-3 Sites	306,737	104,209	112,982	(8,773)	34.0%	17.2%	202,528	66.0%	19.5%	36.42	0.88	
4 or More Sites	143,823	63,549	52,975	10,574	44.2%	10.5%	80,274	55.8%	7.7%	60.51	1.36	
1 Mile												
1 Site	214,857	86,635	79,139	7,496	40.3%	14.3%	128,222	59.7%	12.4%	35.96	1.16	
2-3 Sites	44,115	15,490	16,249	(759)	35.1%	2.6%	28,625	64.9%	2.8%	7.60	0.93	
4 or More Sites	19,033	4,778	7,011	(2,233)	25.1%	0.8%	14,255	74.9%	1.4%	33.74	0.57	
TRI SICs												
(43)												
4 Miles												
1 Site	509,696	190,658	187,739	2,919	37.4%	31.5%	319,038	62.6%	30.8%	10.21	1.02	
2-3 Sites	121,104	43,563	44,607	(1,044)	36.0%	7.2%	77,541	64.0%	7.5%	6.46	0.96	
4 or More Sites	113,657	83,587	41,864	41,723	73.5%	13.8%	30,070	26.5%	2.9%	265.94	4.77	
2 Miles												
1 Site	170,840	65,038	62,926	2,112	38.1%	10.8%	105,802	61.9%	10.2%	11.19	1.05	
2-3 Sites	26,799	18,723	9,871	8,852	69.9%	3.1%	8,076	30.1%	0.8%	113.03	3.98	
4 or More Sites	17,809	16,274	6,560	9,714	91.4%	2.7%	1,535	8.6%	0.1%	151.74	18.18	
1 Mile												
1 Site	34,695	15,418	12,779	2,639	44.4%	2.5%	19,277	55.6%	1.9%	29.68	1.37	
2-3 Sites	5,167	2,908	1,903	1,005	56.3%	0.5%	2,259	43.7%	0.2%	29.03	2.21	
4 or More Sites	15	15	6	9	100.0%	0.0%	0	0.0%	0.0%	5.07	infinity	
TRI SICs > 100K lbs.												
(23)												
4 Miles												
1 Site	181,606	65,404	66,892	(1,488)	36.0%	10.8%	116,202	64.0%	11.2%	7.67	0.97	
2-3 Sites	117,128	73,313	43,142	30,171	62.6%	12.1%	43,815	37.4%	4.2%	189.65	2.87	
4 or More Sites	27,512	24,593	10,134	14,459	89.4%	4.1%	2,919	10.6%	0.3%	182.26	14.45	
2 Miles												
1 Site	66,322	37,983	24,429	13,554	57.3%	6.3%	28,339	42.7%	2.7%	111.39	2.30	
2-3 Sites	28,512	23,447	10,502	12,945	82.2%	3.9%	5,065	17.8%	0.5%	160.33	7.94	
4 or More Sites	10	9	4	5	90.0%	0.0%	1	10.0%	0.0%	3.49	15.43	
1 Mile												
1 Site	13,518	10,193	4,979	5,214	75.4%	1.7%	3,325	24.6%	0.3%	93.35	5.26	
2-3 Sites	2,174	128	801	(673)	5.9%	0.0%	2,046	94.1%	0.2%	29.93	0.11	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

B2: Multiple Facility Analysis Point Locations -- Industrial Corridor Parishes											Parishes 2 of 4	
Facility Universe Radius (# Sites)	Estimated Total Proximate Population	Estimated Number of African Americans in Proximity	Expected Estimated Number of African Americans in Proximity	Estimated # of African Americans Above Expected (Exceedance) in Proximity	Of Proximate Population % African American	% of African American Population in Geographic Area in Proximity p1	Estimated Number of Non-African Americans in Proximity	Of Proximate Population % Non-African American	% of Non-African American Population in Geographic Area in Proximity p2	Number of Standard Deviations	Ratio of % African Americans in Proximity p1/p2	
TRI SICs > 20K lbs.												
(29)												
4 Miles												
1 Site	176,420	63,778	64,982	(1,204)	36.2%	10.5%	112,642	63.8%	10.9%	6.29	0.97	
2-3 Sites	74,220	40,664	27,338	13,326	54.8%	6.7%	33,556	45.2%	3.2%	103.78	2.08	
4 or More Sites	80,218	60,663	29,547	31,116	75.6%	10.0%	19,555	24.4%	1.9%	233.54	5.32	
2 Miles												
1 Site	62,953	33,142	23,188	9,954	52.6%	5.5%	29,811	47.4%	2.9%	83.87	1.91	
2-3 Sites	28,883	23,239	10,639	12,600	80.5%	3.8%	5,644	19.5%	0.5%	155.08	7.06	
4 or More Sites	7,052	6,879	2,597	4,282	97.5%	1.1%	173	2.5%	0.0%	105.93	68.19	
1 Mile												
1 Site	15,343	11,314	5,651	5,663	73.7%	1.9%	4,029	26.3%	0.4%	95.22	4.82	
2-3 Sites	3,131	1,073	1,153	(80)	34.3%	0.2%	2,058	65.7%	0.2%	2.98	0.89	
4 or More Sites	14	14	5	9	100.0%	0.0%	0	0.0%	0.0%	4.90	infinity	
TRI > 100K lbs.												
(48)												
4 Miles												
1 Site	476,852	174,618	175,641	(1,023)	36.6%	28.9%	302,234	63.4%	29.1%	3.65	0.99	
2-3 Sites	214,587	64,749	79,040	(14,291)	30.2%	10.7%	149,838	69.8%	14.4%	68.60	0.74	
4 or More Sites	119,652	87,593	44,072	43,521	73.2%	14.5%	32,059	26.8%	3.1%	270.89	4.69	
2 Miles												
1 Site	174,726	54,427	64,358	(9,931)	31.1%	9.0%	120,299	68.9%	11.6%	52.10	0.78	
2-3 Sites	61,088	29,702	22,501	7,201	48.6%	4.9%	31,386	51.4%	3.0%	61.56	1.62	
4 or More Sites	10,061	7,909	3,706	4,203	78.6%	1.3%	2,152	21.4%	0.2%	87.14	6.30	
1 Mile												
1 Site	50,958	15,078	18,770	(3,692)	29.6%	2.5%	35,880	70.4%	3.5%	34.44	0.72	
2-3 Sites	6,880	4,095	2,534	1,561	59.5%	0.7%	2,785	40.5%	0.3%	39.09	2.52	
4 or More Sites	345	39	127	(88)	11.3%	0.0%	306	88.7%	0.0%	9.83	0.22	
TRI > 20K lbs.												
(72)												
4 Miles												
1 Site	173,507	69,265	63,909	5,356	39.9%	11.4%	104,242	60.1%	10.0%	28.19	1.14	
2-3 Sites	279,446	88,640	102,930	(14,290)	31.7%	14.7%	190,806	68.3%	18.4%	61.52	0.80	
4 or More Sites	492,636	231,113	181,455	49,658	46.9%	38.2%	261,523	53.1%	25.2%	175.30	1.52	
2 Miles												
1 Site	179,360	65,104	66,065	(961)	36.3%	10.8%	114,256	63.7%	11.0%	4.98	0.98	
2-3 Sites	112,554	39,974	41,458	(1,484)	35.5%	6.6%	72,580	64.5%	7.0%	9.50	0.94	
4 or More Sites	68,553	31,171	25,250	5,921	45.5%	5.2%	37,382	54.5%	3.6%	47.89	1.43	
1 Mile												
1 Site	61,155	18,044	22,526	(4,482)	29.5%	3.0%	43,111	70.5%	4.2%	38.29	0.72	
2-3 Sites	26,432	7,795	9,736	(1,941)	29.5%	1.3%	18,637	70.5%	1.8%	24.95	0.72	
4 or More Sites	4,515	2,380	1,663	717	52.7%	0.4%	2,135	47.3%	0.2%	22.15	1.91	

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TRI > 0 lbs.												
(116)												
4 Miles												
1 Site	195,398	56,877	71,972	(15,095)	29.1%	9.4%	138,521	70.9%	13.4%	75.42	0.70	
2-3 Sites	306,140	76,503	112,762	(36,259)	25.0%	12.6%	229,637	75.0%	22.1%	150.62	0.57	
4 or More Sites	662,913	291,357	244,174	47,183	44.0%	48.2%	371,556	56.0%	35.8%	155.57	1.34	
2 Miles												
1 Site	192,494	57,598	70,902	(13,304)	29.9%	9.5%	134,896	70.1%	13.0%	66.91	0.73	
2-3 Sites	194,533	61,938	71,653	(9,715)	31.8%	10.2%	132,595	68.2%	12.8%	48.64	0.80	
4 or More Sites	116,194	52,915	42,798	10,117	45.5%	8.7%	63,279	54.5%	6.1%	63.83	1.43	
1 Mile												
1 Site	105,650	32,223	38,915	(6,692)	30.5%	5.3%	73,427	69.5%	7.1%	44.12	0.75	
2-3 Sites	32,536	13,376	11,984	1,392	41.1%	2.2%	19,160	58.9%	1.8%	16.16	1.20	
4 or More Sites	16,787	3,761	6,183	(2,422)	22.4%	0.6%	13,026	77.6%	1.3%	38.96	0.50	
TEDI												
(106)												
4 Miles												
1 Site	327,611	146,556	120,671	25,885	44.7%	24.2%	181,055	55.3%	17.5%	104.79	1.39	
2-3 Sites	313,029	123,291	115,300	7,991	39.4%	20.4%	189,738	60.6%	18.3%	32.91	1.11	
4 or More Sites	606,944	270,583	223,559	47,024	44.6%	44.7%	336,361	55.4%	32.4%	157.60	1.38	
2 Miles												
1 Site	275,348	111,633	101,420	10,213	40.5%	18.5%	163,715	59.5%	15.8%	44.23	1.17	
2-3 Sites	156,974	61,384	57,819	3,565	39.1%	10.1%	95,590	60.9%	9.2%	19.62	1.10	
4 or More Sites	94,401	36,445	34,771	1,674	38.6%	6.0%	57,956	61.4%	5.6%	11.63	1.08	
1 Mile												
1 Site	106,545	39,213	39,244	(31)	36.8%	6.5%	67,332	63.2%	6.5%	0.21	1.00	
2-3 Sites	28,106	9,741	10,352	(611)	34.7%	1.6%	18,365	65.3%	1.8%	7.63	0.91	
4 or More Sites	5,512	2,306	2,030	276	41.8%	0.4%	3,206	58.2%	0.3%	7.71	1.23	
TEDI > 100K lbs.												
(46)												
4 Miles												
1 Site	400,392	154,002	147,478	6,524	38.5%	25.5%	246,390	61.5%	23.7%	24.58	1.07	
2-3 Sites	246,271	104,723	90,710	14,013	42.5%	17.3%	141,548	57.5%	13.6%	63.49	1.27	
4 or More Sites	52,627	38,092	19,384	18,708	72.4%	6.3%	14,535	27.6%	1.4%	171.84	4.49	
2 Miles												
1 Site	152,659	56,425	56,230	195	37.0%	9.3%	96,234	63.0%	9.3%	1.09	1.01	
2-3 Sites	61,116	32,268	22,511	9,757	52.8%	5.3%	28,848	47.2%	2.8%	83.39	1.92	
4 or More Sites	1,540	587	567	20	38.1%	0.1%	953	61.9%	0.1%	1.04	1.06	
1 Mile												
1 Site	51,123	20,309	18,830	1,479	39.7%	3.4%	30,814	60.3%	3.0%	13.77	1.13	
2-3 Sites	2,074	1,702	764	938	82.1%	0.3%	372	17.9%	0.0%	42.73	7.85	
4 or More Sites	345	39	127	(88)	11.3%	0.0%	306	88.7%	0.0%	9.83	0.22	

B2: Multiple Facility Analysis Point Locations -- Industrial Corridor Parishes

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TEDI > 20K lbs.											
(75)											
4 Miles											
1 Site	202,944	88,529	74,751	13,778	43.6%	14.6%	114,415	56.4%	11.0%	67.73	1.33
2-3 Sites	310,592	106,574	114,402	(7,828)	34.3%	17.6%	204,018	65.7%	19.7%	32.34	0.90
4 or More Sites	480,553	224,409	177,004	47,405	46.7%	37.1%	256,144	53.3%	24.7%	168.56	1.50
2 Miles											
1 Site	192,939	72,423	71,066	1,357	37.5%	12.0%	120,516	62.5%	11.6%	6.82	1.03
2-3 Sites	115,570	49,571	42,568	7,003	42.9%	8.2%	65,999	57.1%	6.4%	44.29	1.29
4 or More Sites	56,666	22,099	20,872	1,227	39.0%	3.7%	34,567	61.0%	3.3%	10.87	1.10
1 Mile											
1 Site	66,037	24,027	24,324	(297)	36.4%	4.0%	42,010	63.6%	4.0%	2.44	0.98
2-3 Sites	23,042	7,147	8,487	(1,340)	31.0%	1.2%	15,895	69.0%	1.5%	18.43	0.77
4 or More Sites	1,412	813	520	293	57.6%	0.1%	599	42.4%	0.1%	16.17	2.33