

US EPA ARCHIVE DOCUMENT

B4: Multiple Facility Analysis Point Locations -- Industrial Corridor 3 Mile Zone											3 Mile Zone 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	
<b>All TRI (127)</b>												
4 Miles												
1 Site	108,760	33,500	40,060	(6,560)	30.8%	5.5%	75,260	69.2%	7.3%	42.68	0.76	
2-3 Sites	332,532	132,636	122,483	10,153	39.9%	21.9%	199,896	60.1%	19.3%	40.87	1.14	
4 or More Sites	743,725	314,402	273,940	40,462	42.3%	52.0%	429,323	57.7%	41.4%	131.49	1.26	
2 Miles												
1 Site	304,958	138,286	112,327	25,959	45.3%	22.9%	166,672	54.7%	16.1%	108.00	1.42	
2-3 Sites	276,513	98,569	101,849	(3,280)	35.6%	16.3%	177,944	64.4%	17.2%	14.18	0.95	
4 or More Sites	131,595	58,856	48,471	10,385	44.7%	9.7%	72,739	55.3%	7.0%	61.88	1.39	
1 Mile												
1 Site	193,807	82,652	71,386	11,266	42.6%	13.7%	111,155	57.4%	10.7%	56.49	1.28	
2-3 Sites	34,074	13,688	12,551	1,137	40.2%	2.3%	20,386	59.8%	2.0%	12.91	1.15	
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	
<b>TRI SICs (43)</b>												
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	
<b>TRI SICs &gt; 100K lbs. (23)</b>												
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	--	

B4: Multiple Facility Analysis Point Locations -- Industrial Corridor 3 Mile Zone											3 Mile Zone 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	
<b>TRI SICs &gt; 20K lbs. (29)</b>												
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	
<b>TRI &gt; 100K lbs. (47)</b>												
4 Miles												
1 Site	458,196	165,438	168,770	(3,332)	36.1%	27.3%	292,758	63.9%	28.2%	12.02	0.97	
2-3 Sites	214,586	64,749	79,040	(14,291)	30.2%	10.7%	149,837	69.8%	14.4%	68.59	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	168,947	52,247	62,229	(9,982)	30.9%	8.6%	116,700	69.1%	11.2%	53.16	0.77	
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	50,949	15,078	18,766	(3,688)	29.6%	2.5%	35,871	70.4%	3.5%	34.41	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	
<b>TRI &gt; 20K lbs. (66)</b>												
4 Miles												
1 Site	165,288	59,808	60,881	(1,073)	36.2%	9.9%	105,480	63.8%	10.2%	5.77	0.97	
2-3 Sites	255,040	76,694	93,940	(17,246)	30.1%	12.7%	178,346	69.9%	17.2%	77.03	0.74	
4 or More Sites	460,549	213,366	169,636	43,730	46.3%	35.3%	247,183	53.7%	23.8%	157.48	1.48	
2 Miles												
1 Site	176,951	63,303	65,177	(1,874)	35.8%	10.5%	113,648	64.2%	11.0%	9.78	0.96	
2-3 Sites	103,821	37,219	38,241	(1,022)	35.8%	6.2%	66,602	64.2%	6.4%	6.79	0.96	
4 or More Sites	58,413	26,875	21,516	5,359	46.0%	4.4%	31,538	54.0%	3.0%	46.81	1.46	
1 Mile												
1 Site	55,581	15,724	20,472	(4,748)	28.3%	2.6%	39,857	71.7%	3.8%	42.48	0.68	
2-3 Sites	24,845	6,820	9,151	(2,331)	27.5%	1.1%	18,025	72.5%	1.7%	30.90	0.65	
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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<b>TRI &gt; 0 lbs.</b>												
<b>(104)</b>												
<b>4 Miles</b>												
1 Site	153,328	46,260	56,476	(10,216)	30.2%	7.6%	107,068	69.8%	10.3%	56.81	0.74	
2-3 Sites	209,589	57,718	77,199	(19,481)	27.5%	9.5%	151,871	72.5%	14.6%	94.45	0.65	
4 or More Sites	624,327	269,343	229,961	39,382	43.1%	44.5%	354,984	56.9%	34.2%	131.24	1.30	
<b>2 Miles</b>												
1 Site	171,503	53,693	63,171	(9,478)	31.3%	8.9%	117,810	68.7%	11.4%	50.14	0.78	
2-3 Sites	159,227	55,342	58,649	(3,307)	34.8%	9.1%	103,885	65.2%	10.0%	18.08	0.91	
4 or More Sites	105,067	48,357	38,700	9,657	46.0%	8.0%	56,710	54.0%	5.5%	63.84	1.46	
<b>1 Mile</b>												
1 Site	91,546	28,829	33,720	(4,891)	31.5%	4.8%	62,717	68.5%	6.0%	34.49	0.79	
2-3 Sites	24,537	11,655	9,038	2,617	47.5%	1.9%	12,882	52.5%	1.2%	34.90	1.55	
4 or More Sites	16,786	3,761	6,183	(2,422)	22.4%	0.6%	13,025	77.6%	1.3%	38.95	0.50	
<b>TEDI</b>												
<b>(85)</b>												
<b>4 Miles</b>												
1 Site	175,911	50,767	64,794	(14,027)	28.9%	8.4%	125,144	71.1%	12.1%	73.38	0.70	
2-3 Sites	264,770	87,269	97,524	(10,255)	33.0%	14.4%	177,501	67.0%	17.1%	45.11	0.84	
4 or More Sites	564,960	247,192	208,095	39,097	43.8%	40.9%	317,768	56.2%	30.6%	133.14	1.33	
<b>2 Miles</b>												
1 Site	209,579	71,870	77,195	(5,325)	34.3%	11.9%	137,709	65.7%	13.3%	25.82	0.90	
2-3 Sites	151,960	59,361	55,972	3,389	39.1%	9.8%	92,599	60.9%	8.9%	18.92	1.10	
4 or More Sites	82,979	31,911	30,564	1,347	38.5%	5.3%	51,068	61.5%	4.9%	9.95	1.07	
<b>1 Mile</b>												
1 Site	89,124	29,047	32,827	(3,780)	32.6%	4.8%	60,077	67.4%	5.8%	27.00	0.83	
2-3 Sites	26,580	8,772	9,790	(1,018)	33.0%	1.4%	17,808	67.0%	1.7%	13.06	0.84	
4 or More Sites	5,509	2,304	2,029	275	41.8%	0.4%	3,205	58.2%	0.3%	7.69	1.23	
<b>TEDI &gt; 100K lbs.</b>												
<b>(45)</b>												
<b>4 Miles</b>												
1 Site	400,060	153,963	147,356	6,607	38.5%	25.4%	246,097	61.5%	23.7%	24.90	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	
<b>2 Miles</b>												
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	
<b>1 Mile</b>												
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	

B4: Multiple Facility Analysis Point Locations -- Industrial Corridor 3 Mile Zone											3 Mile Zone 4 of 4	
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TEDI > 20K lbs. (67)												
4 Miles												
1 Site	188,893	78,952	69,576	9,376	41.8%	13.1%	109,941	58.2%	10.6%	47.54	1.23	
2-3 Sites	290,238	94,199	106,905	(12,706)	32.5%	15.6%	196,039	67.5%	18.9%	53.89	0.82	
4 or More Sites	451,841	207,524	166,429	41,095	45.9%	34.3%	244,317	54.1%	23.5%	148.87	1.46	
2 Miles												
1 Site	189,632	70,832	69,848	984	37.4%	11.7%	118,800	62.6%	11.5%	4.98	1.02	
2-3 Sites	113,125	48,125	41,668	6,457	42.5%	8.0%	65,000	57.5%	6.3%	41.25	1.27	
4 or More Sites	46,713	17,889	17,206	683	38.3%	3.0%	28,824	61.7%	2.8%	6.65	1.06	
1 Mile												
1 Site	62,209	22,356	22,914	(558)	35.9%	3.7%	39,853	64.1%	3.8%	4.73	0.96	
2-3 Sites	21,529	6,175	7,930	(1,755)	28.7%	1.0%	15,354	71.3%	1.5%	24.96	0.69	
4 or More Sites	1,412	813	0	0	57.6%	0.0%	599	42.4%	0.1%	16.17	2.33	