

US EPA ARCHIVE DOCUMENT

B6: Multiple Facility Analysis Point Locations -- St. James Parish											St. James 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 (9/9*)												
4 Miles												
1 Site	4,234	2,423	2,100	323	57.2%	23.4%	1,811	42.8%	17.2%	11.11	1.36	
2-3 Sites	6,603	4,129	3,275	854	62.5%	39.9%	2,474	37.5%	23.5%	25.41	1.70	
4 or More Sites	5,554	2,232	2,755	(523)	40.2%	21.6%	3,322	59.8%	31.6%	16.38	0.68	
2 Miles												
1 Site	6,365	3,513	3,157	356	55.2%	33.9%	2,852	44.8%	27.1%	10.69	1.25	
2-3 Sites	3,171	986	1,573	(587)	31.1%	9.5%	2,185	68.9%	20.8%	22.64	0.46	
4 or More Sites	69	69	34	35	100.0%	0.7%	0	0.0%	0.0%	8.39	infinity	
1 Mile												
1 Site	3,970	928	1,969	(1,041)	23.4%	9.0%	3,042	76.6%	28.9%	36.73	0.31	
2-3 Sites	22	0	11	(11)	0.0%	0.0%	22	100.0%	0.2%	4.66	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI SICs (2/2*)												
4 Miles												
1 Site	7,563	4,980	3,752	1,228	65.8%	48.1%	2,583	34.2%	24.5%	35.37	1.96	
2-3 Sites	3,719	758	1,845	(1,087)	20.4%	7.3%	2,961	79.6%	28.1%	39.32	0.26	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
2 Miles												
1 Site	2,922	991	1,449	(458)	33.9%	9.6%	1,931	66.1%	18.4%	18.29	0.52	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
1 Mile												
1 Site	20	0	10	(10)	0.0%	0.0%	20	100.0%	0.2%	4.44	0.00	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI SICs > 100K lbs. (1/1*)												
4 Miles												
1 Site	8,311	3,207	4,123	(916)	38.6%	31.0%	5,104	61.4%	48.5%	25.89	0.64	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
2 Miles												
1 Site	2,611	733	1,295	(562)	28.1%	7.1%	1,878	71.9%	17.8%	23.52	0.40	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
1 Mile												
1 Site	16	0	8	(8)	0.0%	0.0%	16	100.0%	0.2%	3.97	0.00	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

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B6: Multiple Facility Analysis Point Locations -- St. James Parish											St. James 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. (1/1*)												
4 Miles												
1 Site	8,311	3,207	4,123	(916)	38.6%	31.0%	5,104	61.4%	48.5%	25.89	0.64	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
2 Miles												
1 Site	2,611	733	1,295	(562)	28.1%	7.1%	1,878	71.9%	17.8%	23.52	0.40	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
1 Mile												
1 Site	16	0	8	(8)	0.0%	0.0%	16	100.0%	0.2%	3.97	0.00	
2-3 Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI > 100K lbs. (4/6*)												
4 Miles												
1 Site	10,581	4,574	5,249	(675)	43.2%	44.2%	6,007	56.8%	57.1%	18.68	0.77	
2-3 Sites	1,541	1,395	764	631	90.5%	13.5%	146	9.5%	1.4%	33.38	9.71	
4 or More Sites	770	521	382	139	67.7%	5.0%	249	32.3%	2.4%	10.21	2.13	
2 Miles												
1 Site	3,749	1,590	1,860	(270)	42.4%	15.4%	2,159	57.6%	20.5%	9.73	0.75	
2-3 Sites	354	260	176	84	73.4%	2.5%	94	26.6%	0.9%	9.05	2.81	
4 or More Sites	65	65	32	33	100.0%	0.6%	0	0.0%	0.0%	8.14	infinity	
1 Mile												
1 Site	203	136	101	35	67.0%	1.3%	67	33.0%	0.6%	4.98	2.06	
2-3 Sites	5	0	2	(2)	0.0%	0.0%	5	100.0%	0.0%	2.22	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TRI > 20K lbs. (4/7*)												
4 Miles												
1 Site	10,581	4,574	5,249	(675)	43.2%	44.2%	6,007	56.8%	57.1%	18.68	0.77	
2-3 Sites	1,124	1,043	558	485	92.8%	10.1%	81	7.2%	0.8%	29.77	13.08	
4 or More Sites	1,187	872	589	283	73.5%	8.4%	315	26.5%	3.0%	16.93	2.81	
2 Miles												
1 Site	3,696	1,588	1,833	(245)	43.0%	15.3%	2,108	57.0%	20.0%	8.90	0.77	
2-3 Sites	404	258	200	58	63.9%	2.5%	146	36.1%	1.4%	5.79	1.80	
4 or More Sites	69	69	34	35	100.0%	0.7%	0	0.0%	0.0%	8.39	infinity	
1 Mile												
1 Site	231	136	115	21	58.9%	1.3%	95	41.1%	0.9%	2.83	1.45	
2-3 Sites	5	0	2	(2)	0.0%	0.0%	5	100.0%	0.0%	2.22	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

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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 > 0 lbs.												
(7/9*)												
4 Miles												
1 Site	4,315	2,401	2,140	261	55.6%	23.2%	1,914	44.4%	18.2%	8.91	1.27	
2-3 Sites	9,760	4,540	4,841	(301)	46.5%	43.8%	5,220	53.5%	49.6%	8.36	0.88	
4 or More Sites	1,572	1,210	780	430	77.0%	11.7%	362	23.0%	3.4%	22.57	3.40	
2 Miles												
1 Site	5,902	3,166	2,928	238	53.6%	30.6%	2,736	46.4%	26.0%	7.33	1.18	
2-3 Sites	3,006	970	1,491	(521)	32.3%	9.4%	2,036	67.7%	19.3%	20.55	0.48	
4 or More Sites	69	69	34	35	100.0%	0.7%	0	0.0%	0.0%	8.39	infinity	
1 Mile												
1 Site	3,837	867	1,903	(1,036)	22.6%	8.4%	2,970	77.4%	28.2%	37.04	0.30	
2-3 Sites	20	0	10	(10)	0.0%	0.0%	20	100.0%	0.2%	4.44	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TEDI												
(4/8*)												
4 Miles												
1 Site	5,362	1,548	2,660	(1,112)	28.9%	14.9%	3,814	71.1%	36.2%	35.23	0.41	
2-3 Sites	2,173	1,869	1,078	791	86.0%	18.0%	304	14.0%	2.9%	35.86	6.25	
4 or More Sites	1,478	1,137	733	404	76.9%	11.0%	341	23.1%	3.2%	21.79	3.39	
2 Miles												
1 Site	1,364	1,107	677	430	81.2%	10.7%	257	18.8%	2.4%	24.11	4.38	
2-3 Sites	452	293	224	69	64.8%	2.8%	159	35.2%	1.5%	6.54	1.87	
4 or More Sites	69	69	34	35	100.0%	0.7%	0	0.0%	0.0%	8.39	infinity	
1 Mile												
1 Site	219	136	109	27	62.1%	1.3%	83	37.9%	0.8%	3.72	1.66	
2-3 Sites	5	0	2	(2)	0.0%	0.0%	5	100.0%	0.0%	2.22	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	
TEDI > 100K lbs.												
(3/6*)												
4 Miles												
1 Site	2,938	1,829	1,457	372	62.3%	17.7%	1,109	37.7%	10.5%	14.79	1.68	
2-3 Sites	1,538	1,395	763	632	90.7%	13.5%	143	9.3%	1.4%	33.49	9.91	
4 or More Sites	770	521	382	139	67.7%	5.0%	249	32.3%	2.4%	10.21	2.13	
2 Miles												
1 Site	1,203	921	597	324	76.6%	8.9%	282	23.4%	2.7%	19.26	3.32	
2-3 Sites	354	260	176	84	73.4%	2.5%	94	26.6%	0.9%	9.05	2.81	
4 or More Sites	65	65	32	33	100.0%	0.6%	0	0.0%	0.0%	8.14	infinity	
1 Mile												
1 Site	187	136	93	43	72.7%	1.3%	51	27.3%	0.5%	6.35	2.71	
2-3 Sites	5	0	2	(2)	0.0%	0.0%	5	100.0%	0.0%	2.22	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

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TEDI > 20K lbs. (3/7*)												
4 Miles												
1 Site	2,938	1,829	1,457	372	62.3%	17.7%	1,109	37.7%	10.5%	14.79	1.68	
2-3 Sites	1,121	1,043	556	487	93.0%	10.1%	78	7.0%	0.7%	29.90	13.58	
4 or More Sites	1,187	872	589	283	73.5%	8.4%	315	26.5%	3.0%	16.93	2.81	
2 Miles												
1 Site	1,149	919	570	349	80.0%	8.9%	230	20.0%	2.2%	21.19	4.06	
2-3 Sites	404	258	200	58	63.9%	2.5%	146	36.1%	1.4%	5.79	1.80	
4 or More Sites	69	69	34	35	100.0%	0.7%	0	0.0%	0.0%	8.39	infinity	
1 Mile												
1 Site	215	136	107	29	63.3%	1.3%	79	36.7%	0.8%	4.02	1.75	
2-3 Sites	5	0	2	(2)	0.0%	0.0%	5	100.0%	0.0%	2.22	0.00	
4 or More Sites	0	0	0	0	0.0%	0.0%	0	0.0%	0.0%	0.00	--	

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