

C5: Relative Emission Burden Analysis Point Locations -- St. James Parish (w/Shintech Projection)

Facility Universe Radius (# Sites)	Estimated Total Proximate Population	Estimated Number of African Americans in Proximity	Estimated Number of Non-African Americans in Proximity	Total TRI Air Emissions (lbs.)	Normalized Air Emissions (lbs.)	Relative Emissions Burden Ratio <u>African American</u> non-African American
<i>All TRI</i>						
4 Miles (10+9)	16,245	8,758	7,487	16,654,995	9656	1.98
2 Miles (10+7)	9,688	4,659	5,029	16,654,995	9635	3.36
<i>TRI SICS</i>						
4 Miles (3+2)	11,397	5,846	5,551	878,578	2038	2.06
2 Miles (3+2)	3,726	1,631	2,095	878,578	2038	2.24
<i>TRI SICS > 100K lbs.</i>						
4 Miles (3+1)	11,397	5,846	5,551	855,448	1881	2.56
2 Miles (3+1)	3,726	1,631	2,095	855,448	1881	2.80
<i>TRI SICS > 20K lbs.</i>						
4 Miles (3+1)	11,397	5,846	5,551	855,448	1881	2.56
2 Miles (3+1)	3,726	1,631	2,095	855,448	1881	2.80
<i>TRI > 100K lbs.</i>						
4 Miles (6+8)	12,957	6,550	6,407	16,577,438	9500	2.41
2 Miles (6+6)	4,620	2,309	2,311	16,413,411	9500	3.12
<i>TRI > 20K lbs.</i>						
4 Miles (6+8)	12,957	6,550	6,407	16,630,452	9500	2.41
2 Miles (6+6)	4,620	2,309	2,311	16,466,425	9500	3.12
<i>TRI > 0 lbs.</i>						
4 Miles (8+9)	15,535	8,158	7,377	16,654,995	9656	1.71
2 Miles (8+7)	9,154	4,364	4,790	16,490,233	9635	3.42

*Note: This analysis was done using the census blocks belonging to St. James Parish only, with facilities outside the Parish which impact those St. James census blocks considered. Numbers in parentheses represent St. James facilities + facilities outside St. James (in Ascension and St. John the Baptist Parishes).