Optimal Location and Throughput by Number of Freight Distribution Centers

3 Distribution Centers
- McKenzie (46%)
- Allentown (31%)
- Bakersfield (23%)

Average Distance to Customers: 378 miles
Average Lead Time: 1.29 days

5 Distribution Centers
- Bakersfield (23%)
- Summit (24%)
- Dallas (14%)
- Chicago (22%)
- Bakersfield (21%)

Average Distance to Customers: 264 miles
Average Lead Time: 1.13 days

7 Distribution Centers
- Tacoma (5%)
- Summit (23%)
- Dallas (15%)
- Pasadena (16%)

Average Distance to Customers: 216 miles
Average Lead Time: 1.07 days

10 Distribution Centers
- Lakeland (6%)
- Newark (20%)
- Mansfield (12%)
- Gainesville (13%)
- Palestine (12%)

Average Distance to Customers: 173 miles
Average Lead Time: 1.04 days

Source: Adapted from Chicago Consulting.

Dr. Jean-Paul Rodrigue, Dept. of Global Studies & Geography, Hofstra University