Average Nearest Neighbor Summary

Nearest Neighbor Ratio: 1.647047

z-score: 3.914413

p-value: 0.000091

Significance Level (p-value)		Critical Value (z-score)
0.01		< -2.58
0.05		-2.58 – -1.96
0.10		-1.96 – -1.65
---		-1.65 – 1.65
0.10		1.65 – 1.96
0.05		1.96 – 2.58
0.01		> 2.58

(Random)

Significant   Significant

Clustered   Random   Dispersed
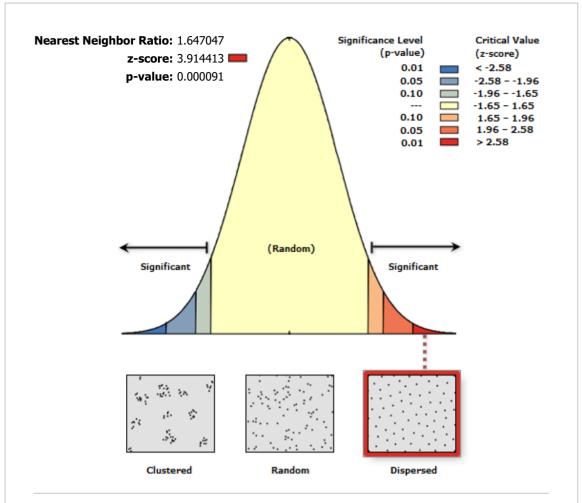
Given the z-score of 3.914413, there is a less than 1% likelihood that this dispersed pattern could be the result of random chance.

Average Nearest Neighbor Summary

Observed Mean Distance:	74862.3570 Meters
Expected Mean Distance:	45452.4755 Meters
Nearest Neighbor Ratio:	1.647047
z-score:	3.914413
p-value:	0.000091

Dataset Information

Input Feature Class:	large_cities
Distance Method:	EUCLIDEAN
Study Area:	82637101255.837769
Selection Set:	True