## LINQ Aggregate Methods

Method	Description
Aggregate	Performs a custom aggregation operation on the values of a collection.
Average	Calculates the average value of a collection of values.
Count	Counts the elements in a collection, optionally only those elements that satisfy a predicate function.
LongCount	Counts the elements in a large collection, optionally only those elements that satisfy a predicate function.
Max	Determines the maximum value in a collection.
Min	Determines the minimum value in a collection.
Sum	Calculates the sum of the values in a collection.

Source: MSDN