Table of Variable Data Types

Data Type	Size	Used Range of Values
Byte	1 byte	0 to 255
Boolean	2 bytes	True or False
Integer	2 bytes	−32,768 to 32,767
Long	4 bytes	−2,147,483,648 to 2,147,483,647
Single	4 bytes	−3.402823E38 to −1.401298E-45 (for negative values); 1.401298E-45 to 3.402823E38 (for positive values)
Double	8 bytes	−1.79769313486232E308 to −4.94065645841247E-324 (negative values); 4.94065645841247E-324 to 1.79769313486232E308 (for positive values)
Currency	8 bytes	−922,337,203,685,477.5808 to 922,337,203,685,477.5807
Decimal	12 bytes	+/−79,228,162,514,264,337,593,543,950,335 with no decimal point; +/−7.9228162514264337593543950335 with 28 places to the right of the decimal
Date	8 bytes	January 1, 0100 to December 31, 9999
Object	4 bytes	Any object reference
String (variable length)	10 bytes string length	0 to approximately 2 billion characters
String (Fixed length)	Length of string	1 to approximately 65,400 characters
Variant (with numbers)	16 bytes	Any numeric value up to the range of a double data type. It can also hold special values such as Empty, Error, Nothing, and Null.
Variant (with characters)	22 bytes + string length	0 to approximately 2 billion