

Comparison Operators

Comparison operators are used to compare two data elements (or a data element and a constant) and return a result that is TRUE, FALSE, or NULL (empty/blank), depending on how the values in the two elements relate to each other.

SQL's Comparison Operators			
Operator	Use	Description	Example
=	$a = b$	Tests for equality of two operands.	[AgencyName = OAI]
<	$a < b$	Tests that operand <i>a</i> is less than operand <i>b</i> .	[CheckDate < 11/30/2006]
>	$a > b$	Tests that operand <i>a</i> is greater than operand <i>b</i> .	[CheckDate > 10/01/2008]
BETWEEN	<i>a</i> BETWEEN <i>b</i> and <i>c</i>	Tests that operand <i>a</i> is greater than or equal to operand <i>b</i> and less than or equal to operand <i>c</i> .	[CheckDate BETWEEN '2008-09-01' And '2008-09-15']
NOT BETWEEN	<i>a</i> NOT BETWEEN <i>b</i> and <i>c</i>	Tests that operand <i>a</i> is less than operand <i>b</i> or greater than operand <i>c</i> .	[CheckDate NOT BETWEEN '2005-01-01' And '2008-09-30']
EXISTS	EXISTS (<i>query</i>)	Tests that the query returns at least one row.	WHERE EXISTS (SELECT LastName FROM vAgencyListing WHERE LastName=Williams)
NOT EXISTS	NOT EXISTS (<i>query</i>)	Tests that the query does not return <i>a</i> row.	WHERE NOT EXISTS (SELECT FirstName FROM vAgencyListing WHERE FirstName=Cassandra)
LIKE	<i>a</i> LIKE <i>b</i>	Tests that operand <i>a</i> matches pattern operand <i>b</i> . The pattern may contain _ , which matches a single character in that position, or % , which matches all characters.	[ClientZip Like 6577%]
NOT LIKE	<i>a</i> NOT LIKE <i>b</i>	Tests that operand <i>a</i> does not match pattern operand <i>b</i> . The pattern may	[FundingCode Not Like SummerECIP]

		contain <code>_</code> , which matches a single character in that position, or <code>%</code> , which matches all characters.	
IS NULL	<i>a</i> IS NULL	Tests that operand <i>a</i> is NULL. (empty/blank)	[Checkdate Is Null]
IS NOT NULL	<i>a</i> IS NOT NULL	Tests that operand <i>a</i> is not NULL.	[Checkdate Is Not Null]