

ATR Rules

Site Missing Data for Reciprical Direction Test	This test evaluates data and flags it if no data is present in the opposite direction.
Zero Hourly Volume Test	This test flags data that contains an hourly volume of zero between the 5th and 23rd hour
Null Data Test	This test flags data that contains a null value in any of the 3-Card fields
High Hourly Volume Test	The test flags data that contains any hourly volume that is greater than 20 percent of the overall daily volume
Weekday Hourly Volume Test	This test flags weekday data that contains any hourly volume between the hours of 7AM-7PM that is less than 3 percent of the daily total volume
Weekend Hourly Volume Test	This test flags weekend data that contains any hourly volume between the hours of 9AM-7PM that is less than 3 percent of the daily total volume
Hourly Volume 0 to 50 Test	This test flags data that contains any zero hourly volume the has an adjacent hourly volume greater than 50. (i.e. Hour 5 volume is 0 and hour 6 volume is 65)
Compare Day Direction Totals Test	<p>This test compares the daily directional volumes. If either of the directional daily volumes is greater than 15,000 then a directional variation test of 15% is used. If both of the directional daily volumes are less than 15,000 then a directional variation test of 30% is used. For each of these respective tests, if the directional daily totals vary by more than 15% or 30% then both directions of data are flagged.</p> <p>Example 1:</p> <p>if East Directional Daily Volume = 17,000 and West Directional Daily Volume = 14,000 then the 15% test is used.</p> <p>Because 17,000 is more than 15% greater than 14,000 both directions of data are flagged.</p> <hr/> <p>Example 2:</p> <p>if North Directional Daily Volume = 5,000 and South Directional Daily Volume = 6,250 then the 30% test is used.</p> <p>Because 6,250 is not more than 30% greater than 5,000 no data is flagged.</p> <hr/> <p>Example 3:</p> <p>if North Directional Daily Volume = 7,000 and South Directional Daily Volume = 9,500 then the 30% test is used.</p> <p>Because 9,500 is more than 30% greater than 7,000 both directions of data are flagged.</p>