

Transaction Log Statistics

The Transaction Log Statistics report provides data about the database transaction log size and activity on a per-database basis. You can display your results in hours or days, depending on the sample range selected. Note that SQL Diagnostic Manager displays the Cache Reads and Flushes chart types as data per second.

When to run this report

You should run the Transaction Log Statistics report when attempting to troubleshoot performance problems related to transaction logs and to discover what triggered the Long Running Transaction alert, Log Full (Percent) or Log Full (Size) alert, or Log File Autogrow alert.

How SQL Diagnostic Manager calculates metric values on this report

Most values on the Transaction Log Statistics report correlate with the related SQL Server metric. However, some metric values represent averages over time. Likewise, a few metric values are based on performance algorithms that use multiple statistics to calculate a more accurate metric.

You can access our [Customer Support Portal](#) for more information about the algorithm used to calculate a specific metric.

- How is the Worst Performing and Most Frequent Queries information gathered? - Solution #00000412
- How does SQL Diagnostic Manager gather statistics from monitored SQL Servers? - Solution #00000055
- How does SQL Diagnostic Manager calculate the reorganization percentage for database tables? - Solution #00000301
- What does the 'Memory Usage' metric in the Console and Reports represent? - Solution #00002237

SQL Diagnostic Manager for SQL Server performance monitoring, alerting, and diagnostics for SQL Server.

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