

# Top Tables by Fragmentation

The Top Tables by Fragmentation report identifies the most fragmented tables in a database, select a specific database to analyze or evaluate all databases on a specific SQL Server instance. You can also choose a fragmentation metric and its minimum threshold to see which tables match or exceed the selected value. Also, this report display the **Top Tables by Logical Fragmentation** and **Top Tables by Data Size**.

## When to run this report

You should run the Top Tables by Fragmentation report on a routine basis, depending on how mission-critical or sensitive the data is and how heavily your company uses the host database. Use this report to identify the tables that you want to optimize for improved performance.

## How SQL Diagnostic Manager calculates metric values on this report

Most values on the Top Tables by Fragmentation 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

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