

## Edit table statistics options

SQL Diagnostic Manager lets you collect statistics and perform trend analysis over time. Table Statistics allows you to designate the days and times SQL Diagnostic Manager collects table growth and reorganization statistics. Because statistics collection can negatively impact performance, SQL Diagnostic Manager allows you to designate an individual Table Statistics collection time for the SQL Server instances. Configure a time you know the instance is utilized less than normal.

In addition, you can limit the amount of performance impact by utilizing the following:

- Limit reorganization to databases over a set size, which eliminates the reorganization of small, rarely-used tables.
- [Exclude non-essential databases from the collection](#) by clicking **Select Databases to Exclude** and selecting the appropriate databases.

The screenshot shows the 'Monitored SQL Server Properties' window with the 'Table Statistics' tab selected. The window title is 'Monitored SQL Server Properties - [Instance Name]'. The left sidebar contains a list of configuration categories: General, Baseline Configuration, Query Monitor, Activity Monitor, Replication, **Table Statistics** (highlighted), Custom Counters, Maintenance Mode, OS Metrics, Disk Drives, Cluster Settings, Wait Monitoring, Virtualization, Analysis Configuration, and Copy Settings.

The main content area is titled 'Customize table statistics collection.' and contains the following sections:

- When would you like to collect table statistics?**
  - An information icon with the text: 'Collecting table statistics is a performance intensive operation that should only occur during periods that your server is not doing production work. These times are local to the monitored SQL Server instance.'
  - A time range selector: 'Collect table statistics between 3:00 AM and 6:00 AM'.
- What days would you like to collect table statistics?**
  - Checkboxes for days of the week: Sun (unchecked), Mon (checked), Tue (checked), Wed (checked), Thu (checked), Fri (checked), Sat (unchecked).
- What is the minimum table size for collecting table reorganization statistics?**
  - A text box labeled 'Table Size (Kilobytes):' with the value '8000' and a spinner control.
- Would you like to exclude databases from having table statistics collected?**
  - A button labeled 'Select Databases to Exclude'.
- When was the last successful table statistics collection?**
  - 'Last table growth collection: Never'
  - 'Last table fragmentation collection: Never'
  - A note: 'Times are local to the monitored SQL Server instance.'

At the bottom right of the window are 'OK' and 'Cancel' buttons.

## Access the Table Statistics tab

You can access the Table Statistics tab of the Monitor SQL Server Properties window by right-clicking the appropriate monitored SQL Server instance and selecting **Properties**. Click **Table Statistics** when SQL Diagnostic Manager displays the Monitored SQL Server Properties window.

## Schedule table statistics collection

Table Statistics collection is a resource-intensive process. Schedule your collection time for non-peak hours to reduce the possibility of your users experiencing decreased performance.



The SQL Diagnostic Manager Collection Service may not include fragmentation data for a particular table for any of the following reasons:

- Table statistics collection has not occurred.
- The database hosting the table is excluded from the collection.
- The table size does not meet the minimum size threshold.
- The database hosting the table is not accessible.
- The table is locked.