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sql server example of update statistics on index partition

Updating statistics on an index partition in SQL Server can help optimize query performance by ensuring the query optimizer has the most accurate data distribution. Here’s an example of how you can update statistics for a specific partition:

sql

UPDATE STATISTICS YourTable YourIndex

WITH RESAMPLE ON PARTITIONS(1);

This command updates statistics for **partition 1** of the specified index. However, **incremental statistics** (introduced in SQL Server 2014) allow you to update only the modified partitions instead of scanning the entire table, which can be more efficient2.

To enable incremental statistics, you need to set STATISTICS\_INCREMENTAL = ON when creating the index:

sql

CREATE STATISTICS YourStats

ON YourTable (YourColumn)

WITH INCREMENTAL = ON;

Would you like more details on how to implement this in your environment? You can also check out Microsoft's documentation for further insights.

[1[](https://www.mssqltips.com/sqlservertip/4855/sql-server-2014-incremental-update-statistics-per-partition/)www.mssqltips.com](https://www.mssqltips.com/sqlservertip/4855/sql-server-2014-incremental-update-statistics-per-partition/)[2[](https://www.sqlshack.com/introducing-sql-server-incremental-statistics-for-partitioned-tables/)www.sqlshack.com](https://www.sqlshack.com/introducing-sql-server-incremental-statistics-for-partitioned-tables/)