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We've Tested the Waters for You: Preliminary Studies of SAS® OLAP Cube Update Performance

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ABSTRACT

Cube update is an exciting new feature in SAS® 9.2. But, have you wondered what kind of performance to expect from it? We've done some systematic performance studies of incremental cube updates and will share the results with you. Specifically, you will learn how varying the following factors affects cube update and query performance:

- initial cube size
- amount of new data added
- the number of new hierarchical members per dimension added
- the number of updates performed

Finally, we will explain what it means to coalesce an updated cube, what kind of performance you can expect from the coalesce process, and how coalescing improves query performance.

No paper was submitted for publication in the *Proceedings*. Check <http://support.sas.com/rnd/papers/> or contact the author.

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