

PolePosition Results

Results from running the Poleposition open source database benchmark

Related Links

Poleposition website

<http://www.polepos.org>

Explanation how the benchmarks are run

<http://www.polepos.org/circuits.html>

Databases benchmarked in this run

Versant/VOD-8.0.2

Versant Object Database

<http://www.versant.com>

Versant/VersantJPA-8.0.2

Versant JPA

<http://www.versant.com>

db4o C/S TCP

the open source object database for Java and .NET

<http://www.db4o.com>

MySQL-5.1.4

the world's most popular open source database

<http://www.mysql.com>

PostgreSQL-8.4.4

the world's most advanced open source database

<http://www.postgresql.org/>

Hibernate

relational persistence for idiomatic Java

<http://www.hibernate.org>

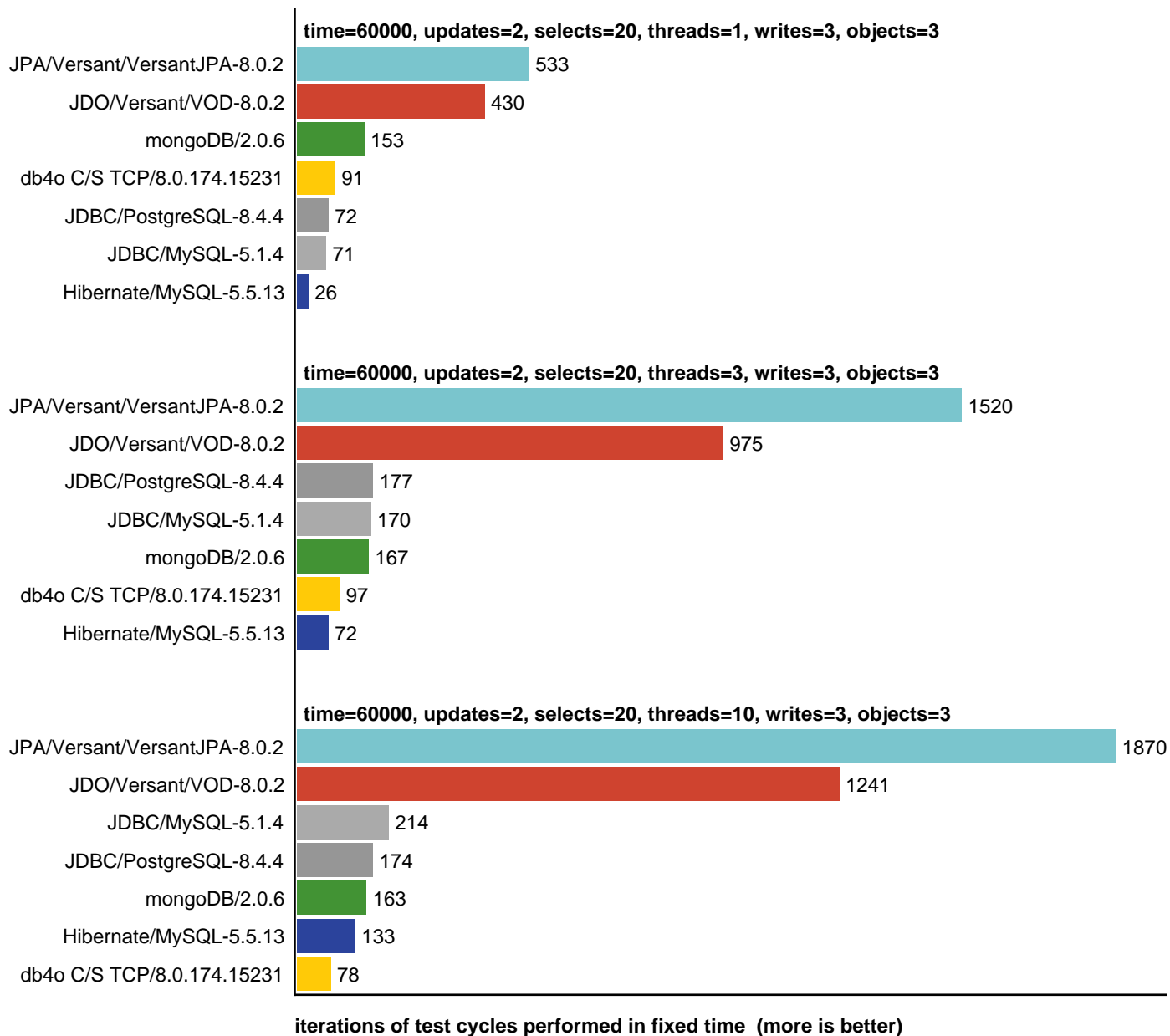
mongoDB

open source, high-performance, schema-free, document-oriented database

<http://www.mongodb.org>

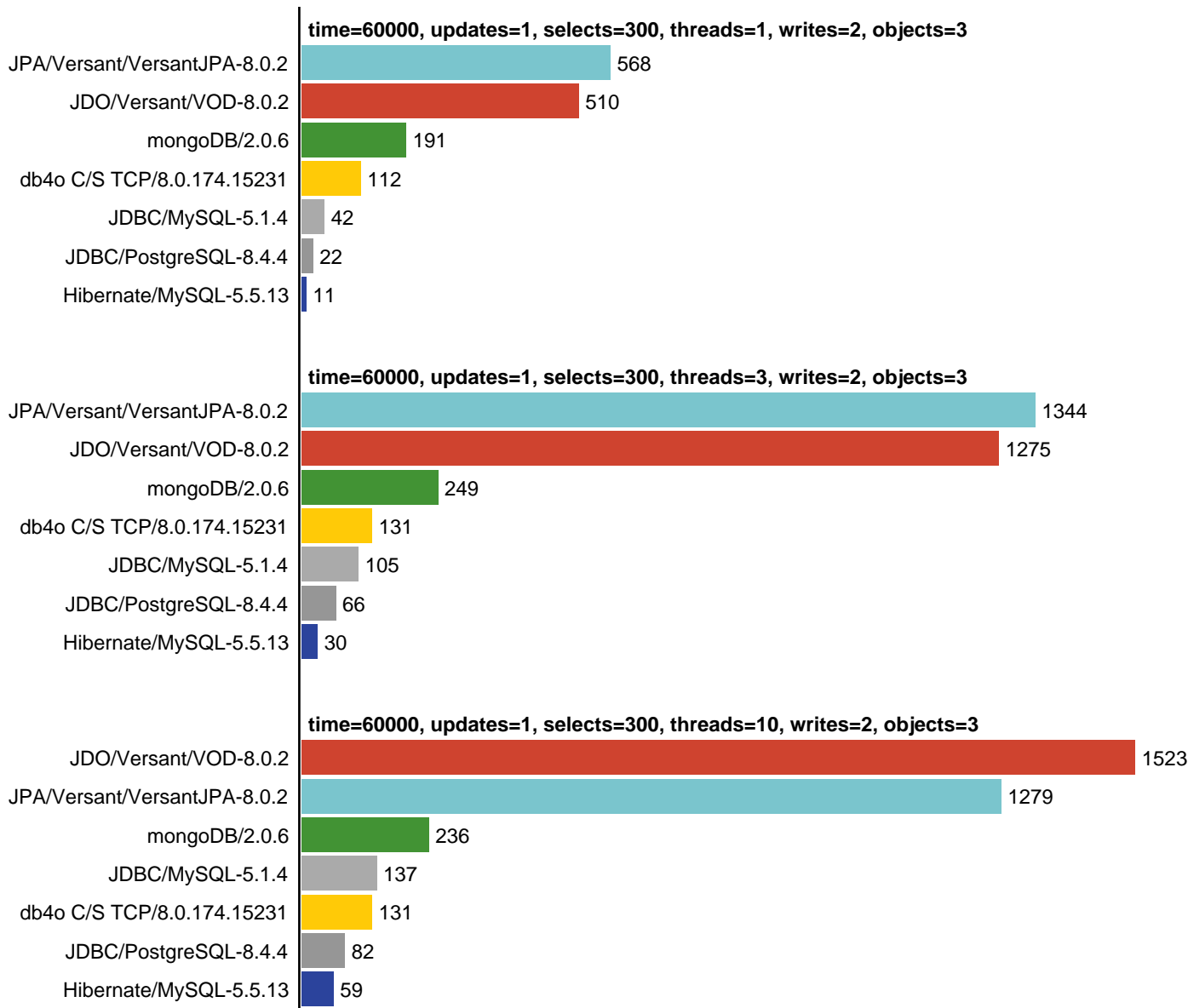
ComplexConcurrency

runs inserts, queries, updates and deletes against the complex scenario
with multiple concurrent clients within a fixed time span



QueryCentricConcurrency

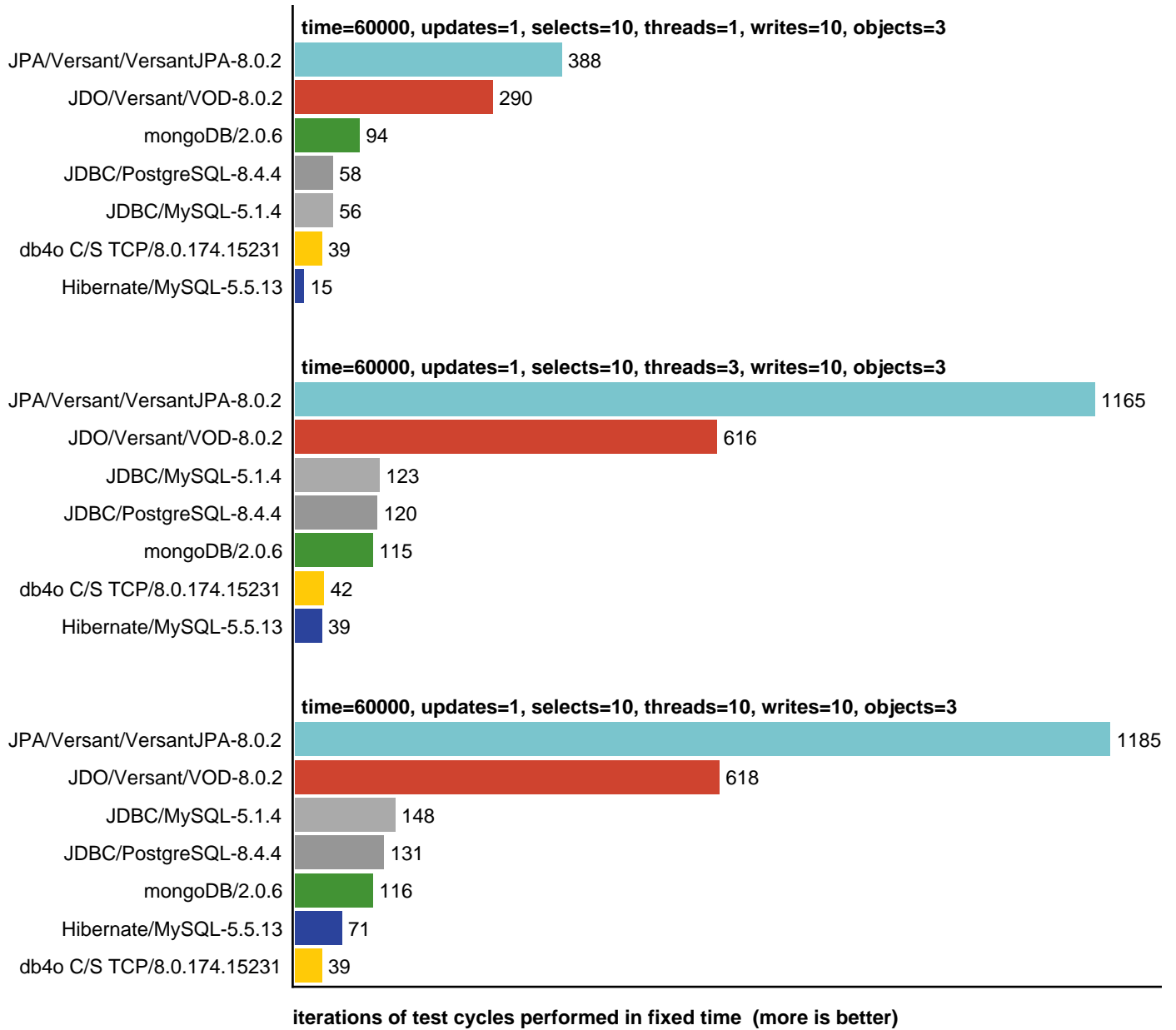
runs the complex concurrent scenario with a focus on completing many queries



iterations of test cycles performed in fixed time (more is better)

InsertCentricConcurrency

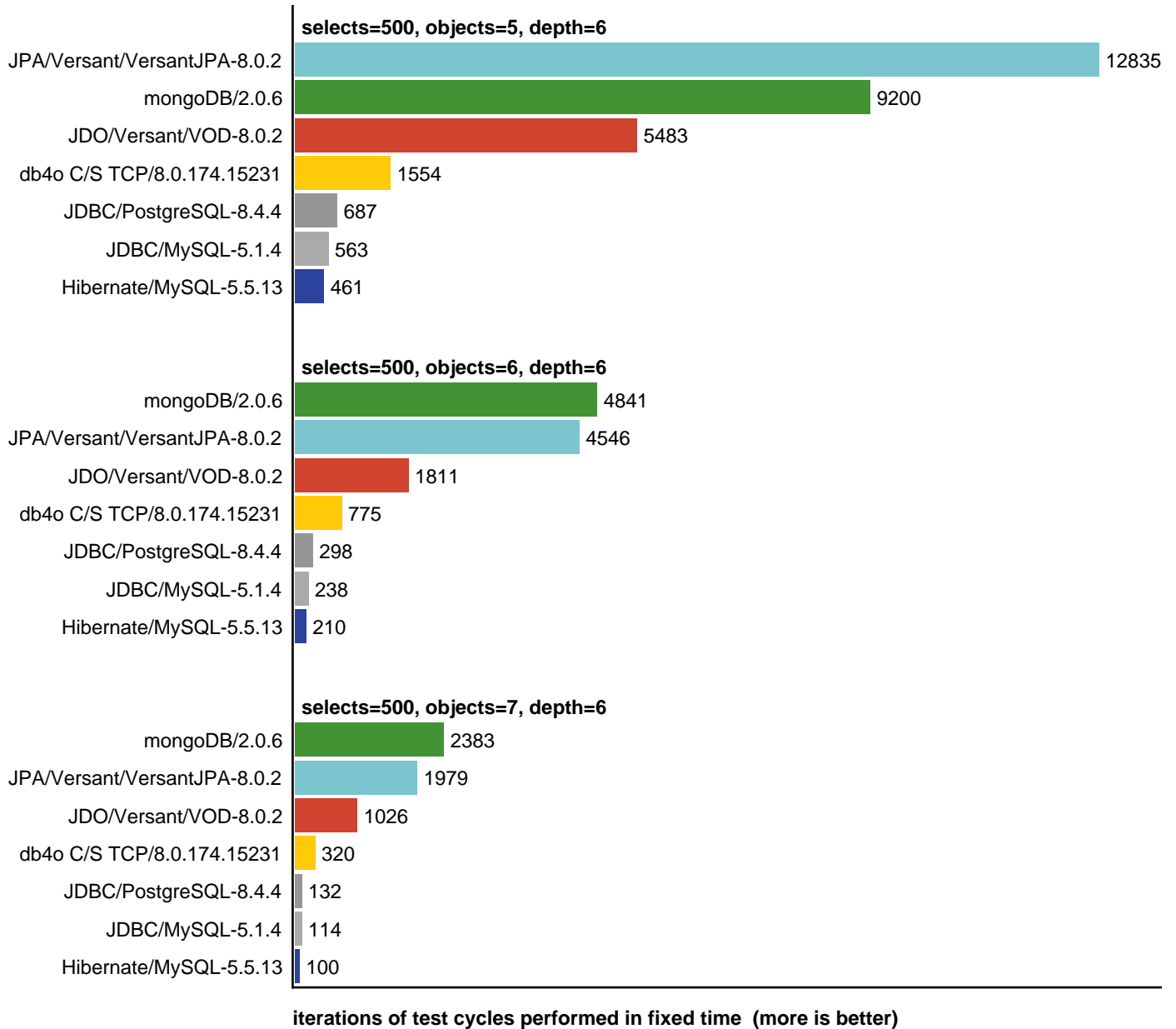
runs the complex concurrent scenario with a focus on inserting many objects



Complex

write, read, query, update and delete complex object graph

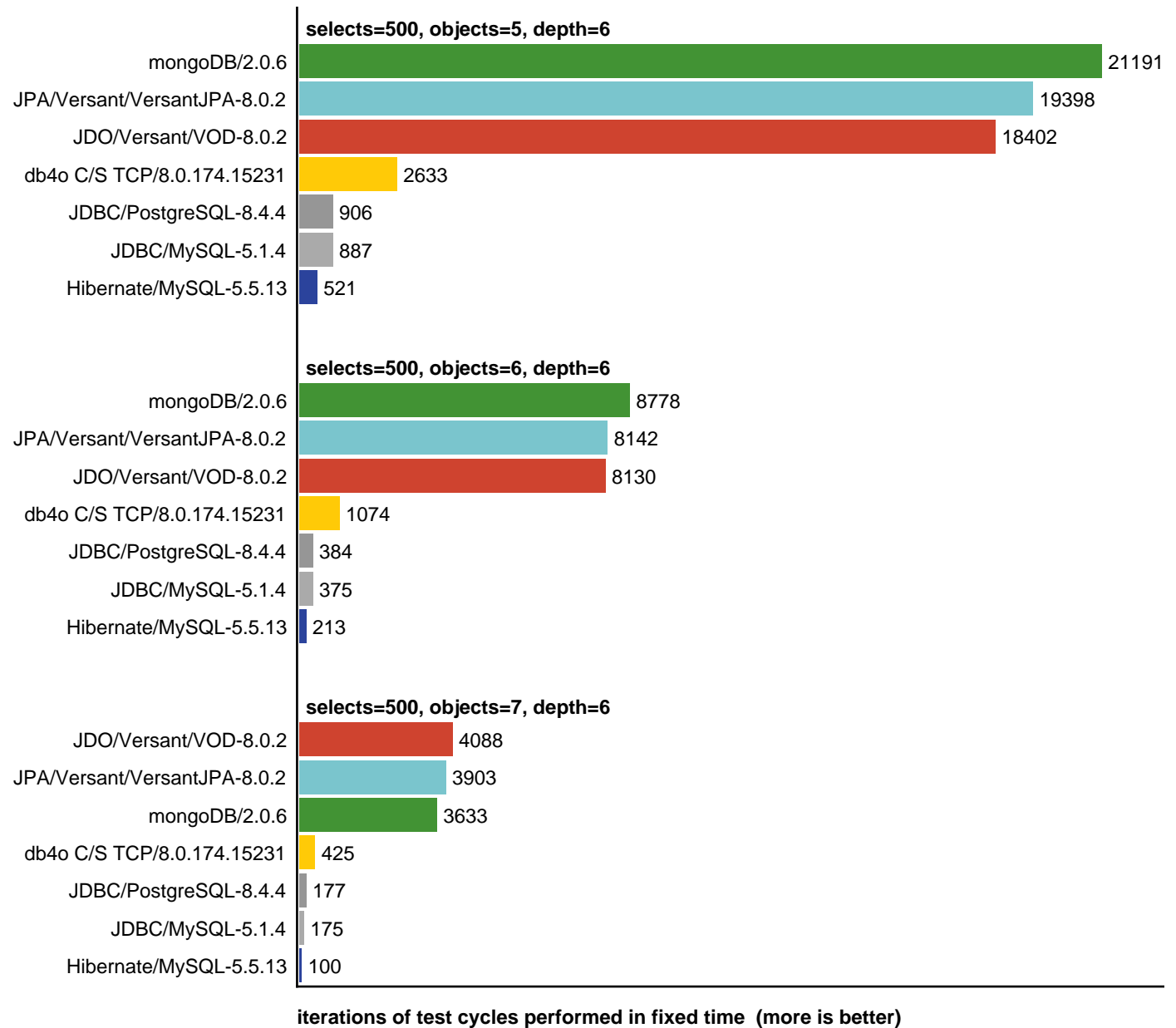
write



Complex

write, read, query, update and delete complex object graph

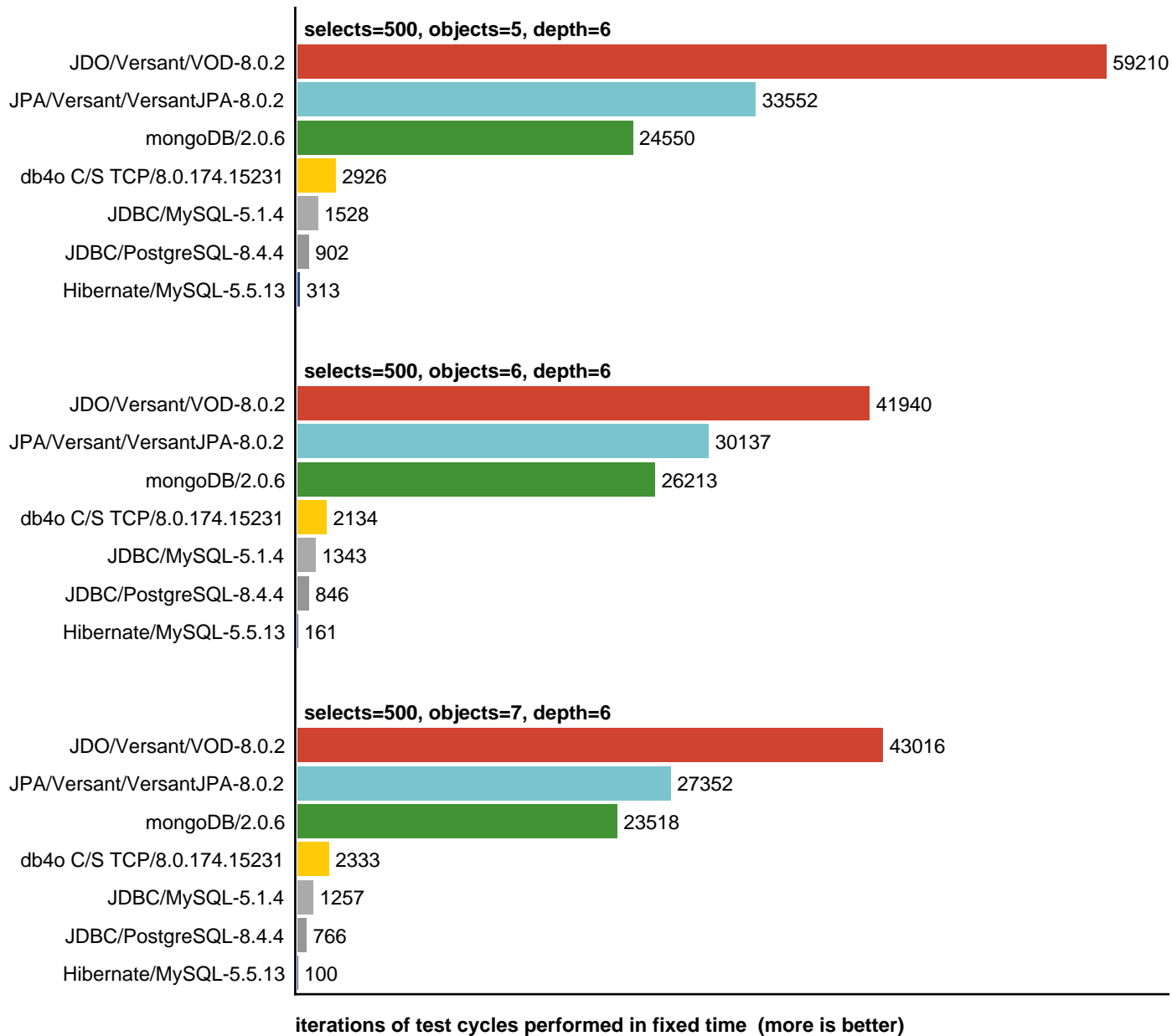
read



Complex

write, read, query, update and delete complex object graph

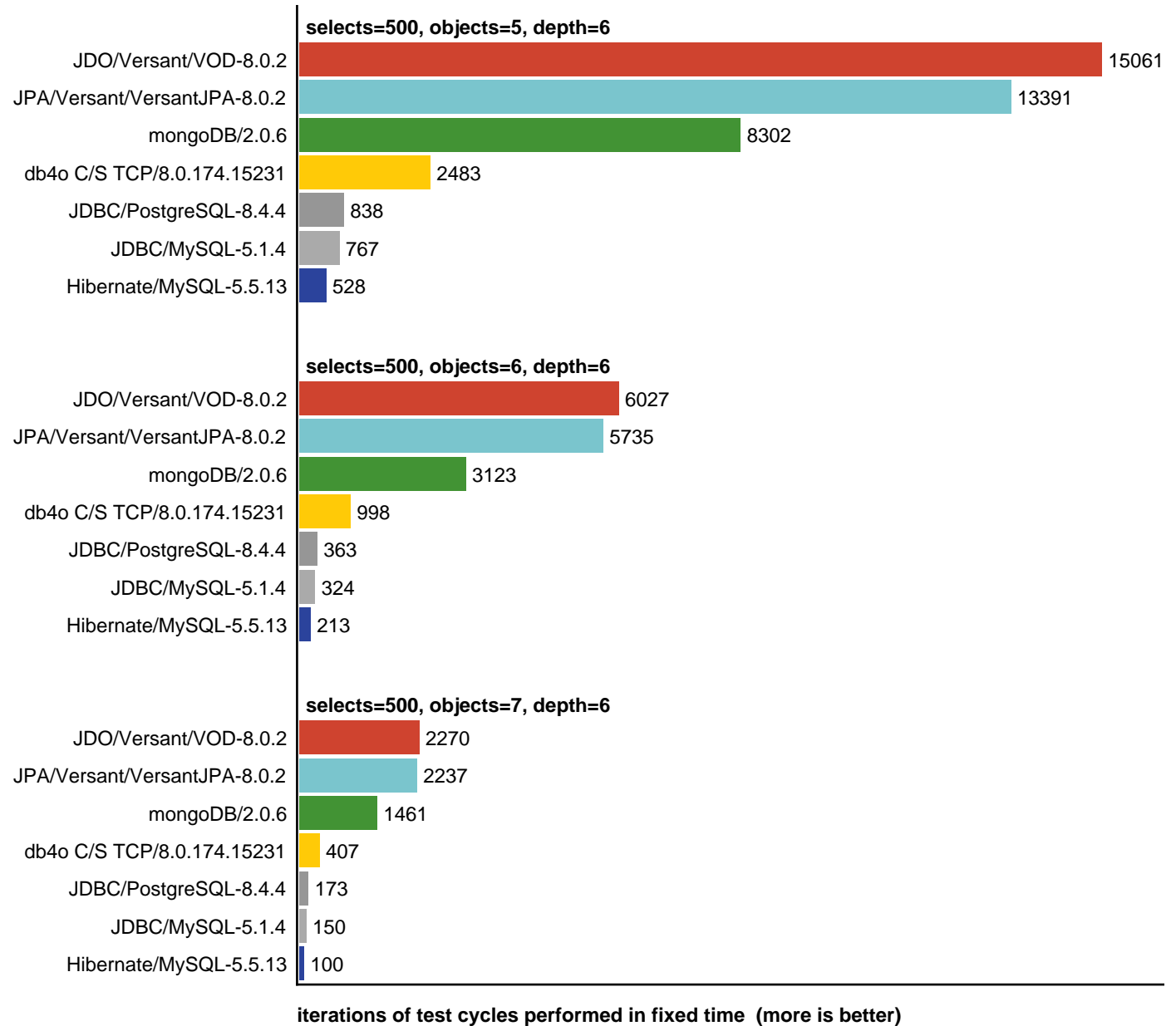
query



Complex

write, read, query, update and delete complex object graph

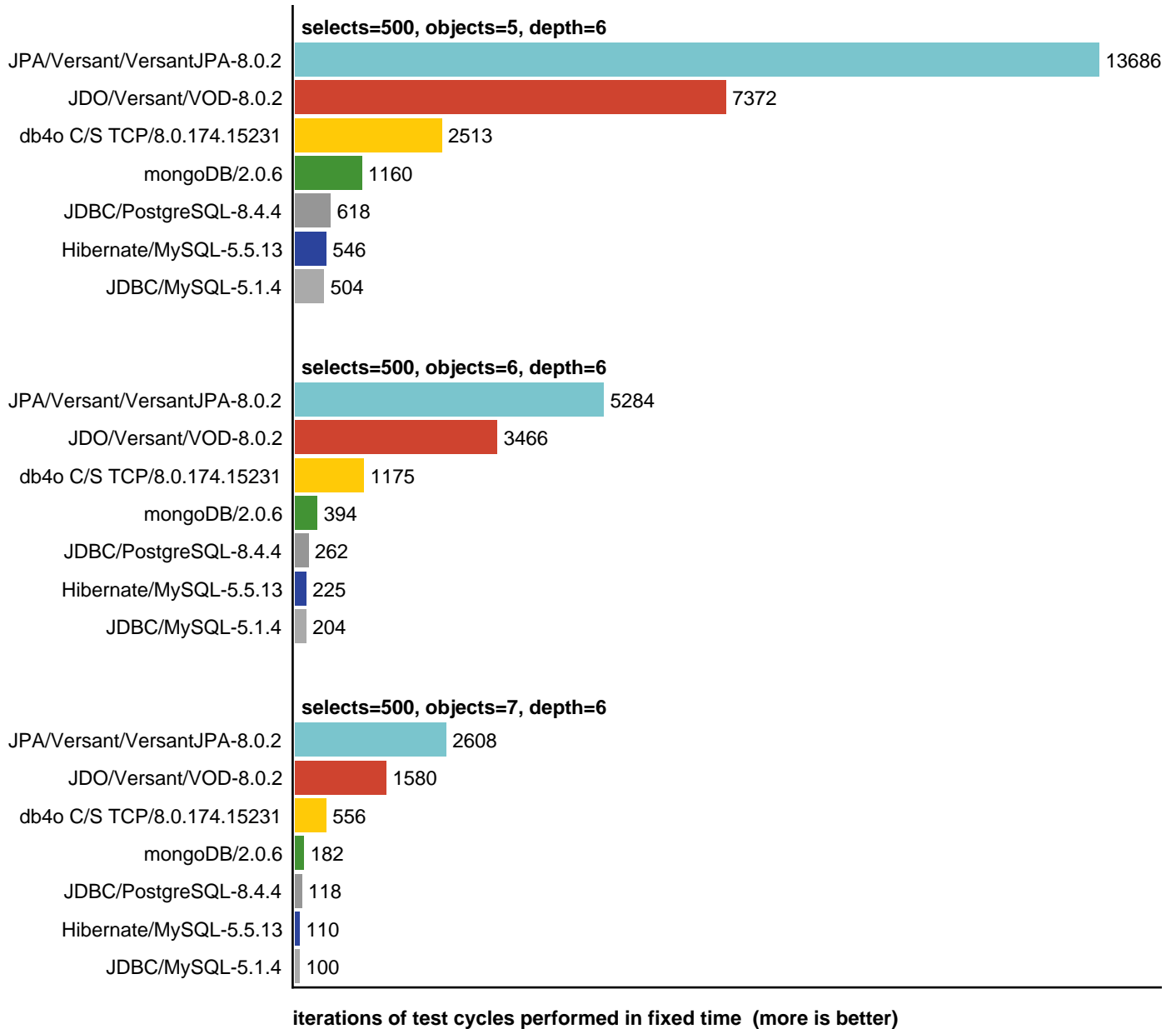
update



Complex

write, read, query, update and delete complex object graph

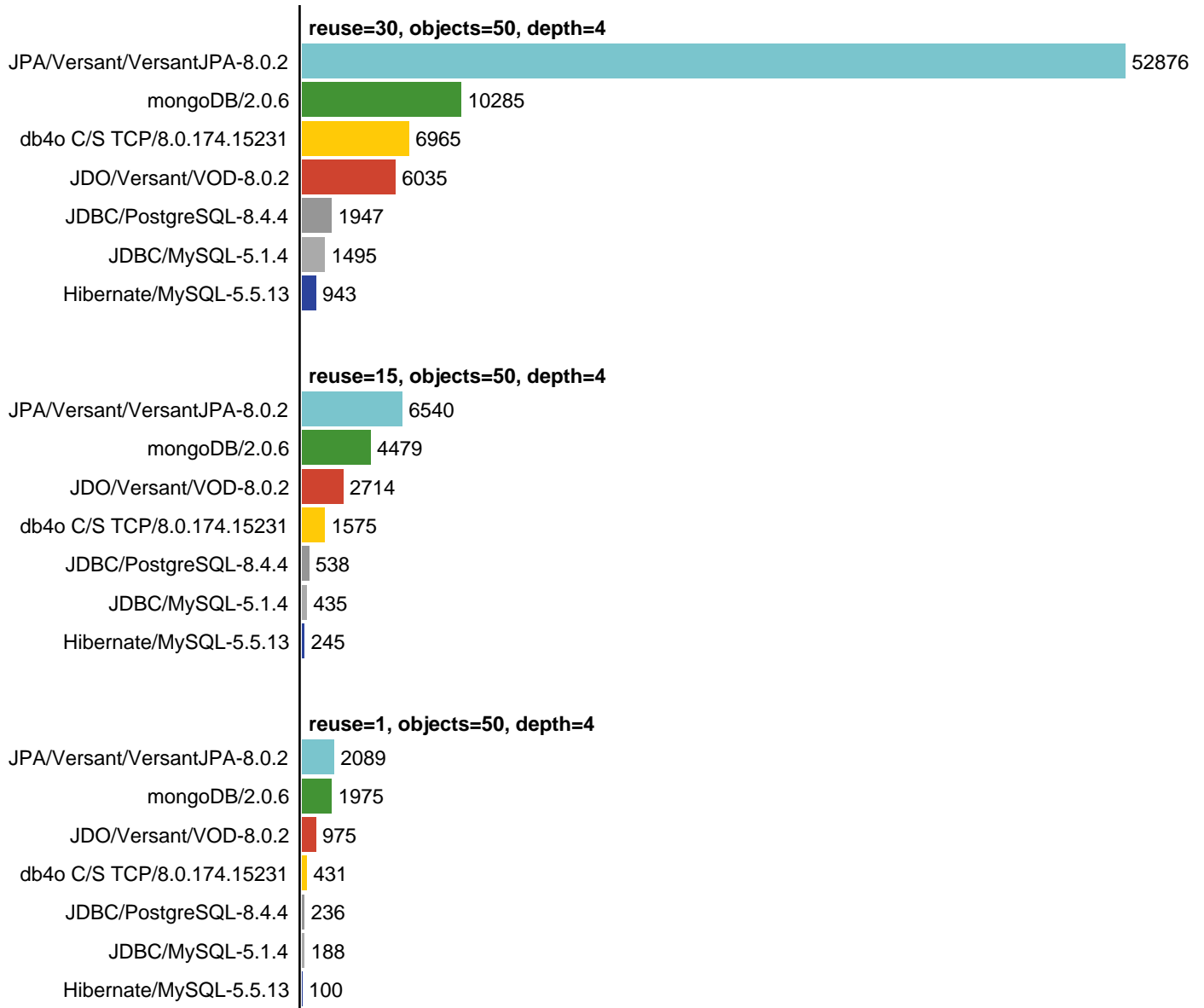
delete



NestedLists

write and read nested lists

create

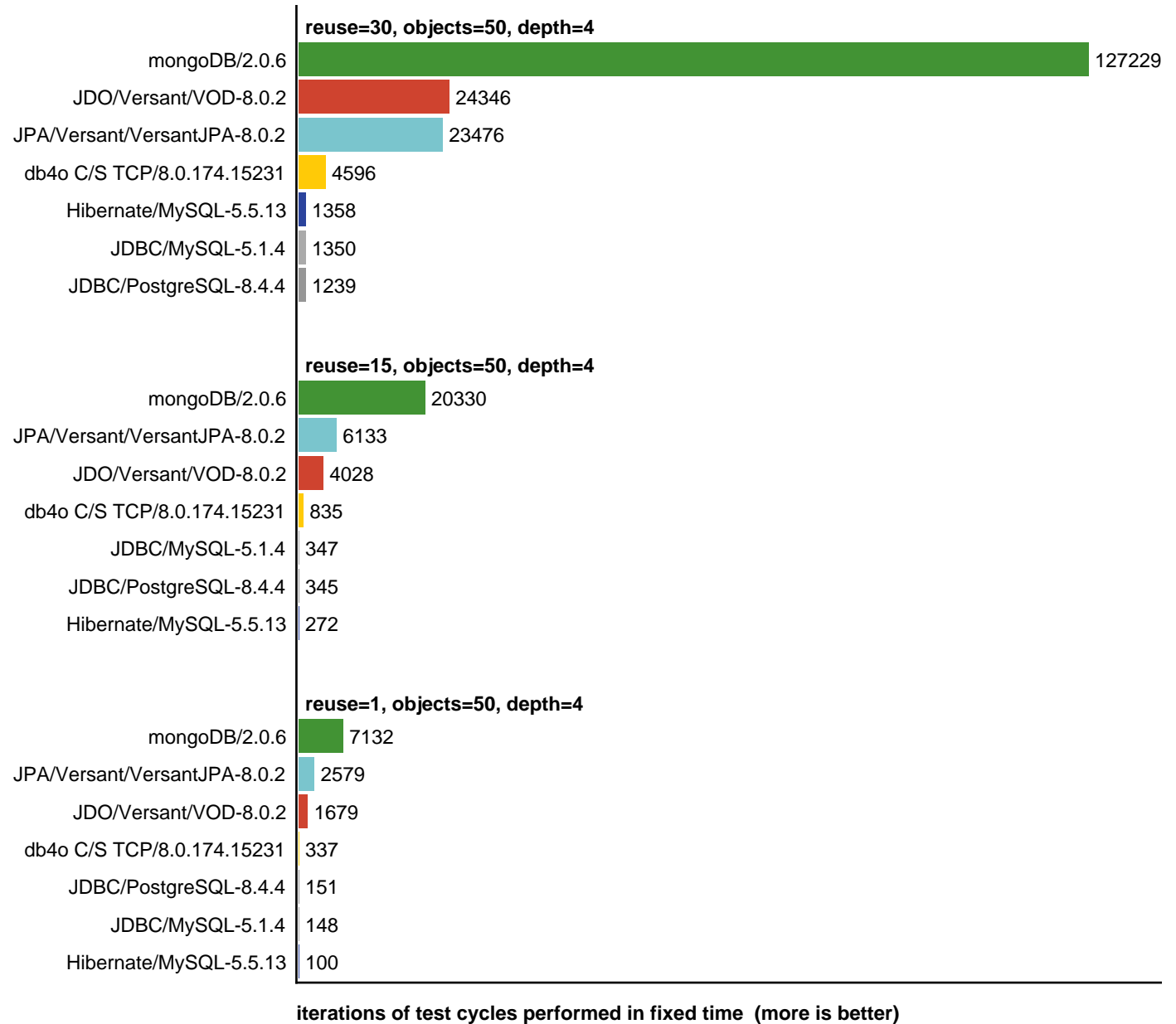


iterations of test cycles performed in fixed time (more is better)

NestedLists

write and read nested lists

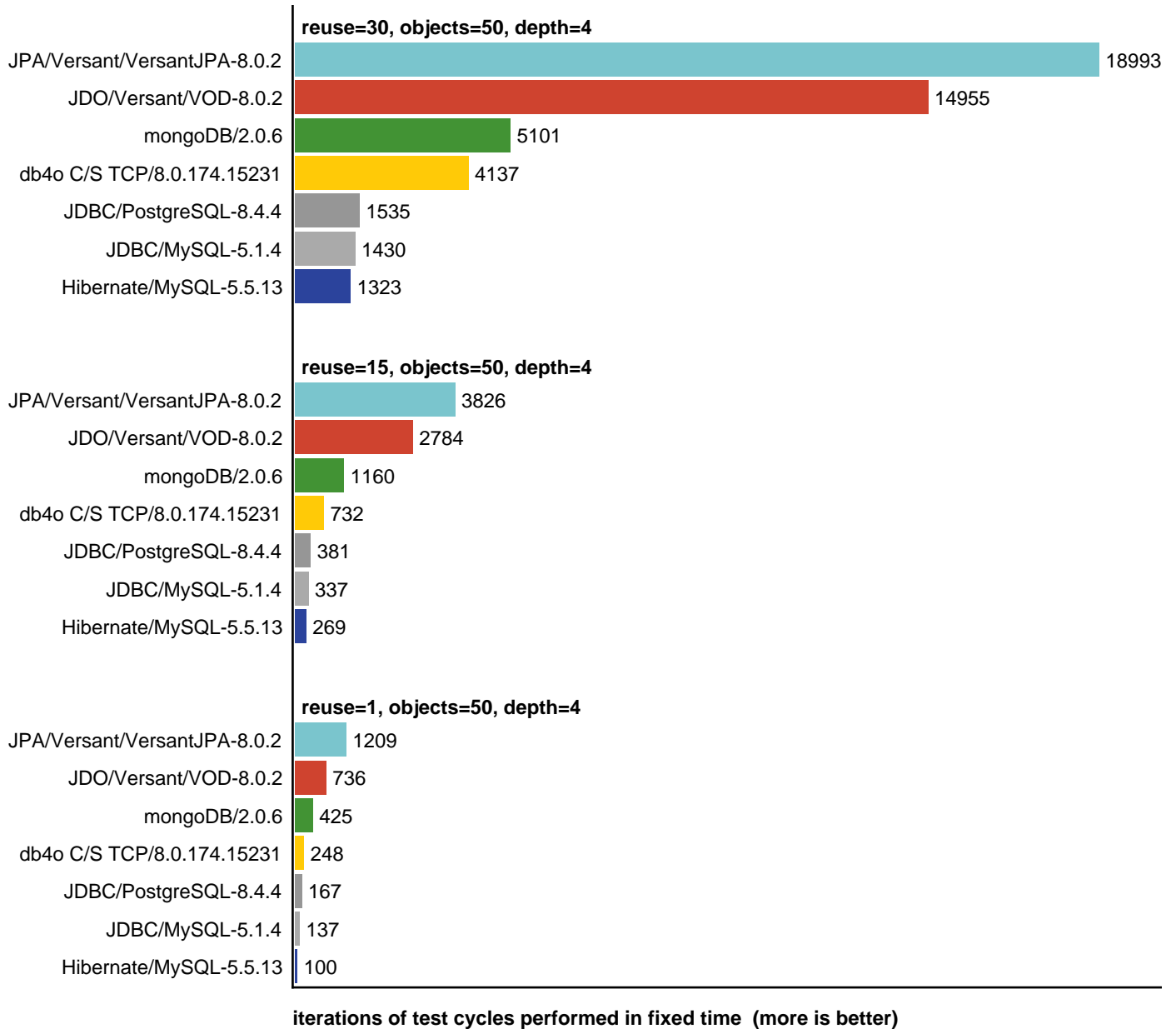
read



NestedLists

write and read nested lists

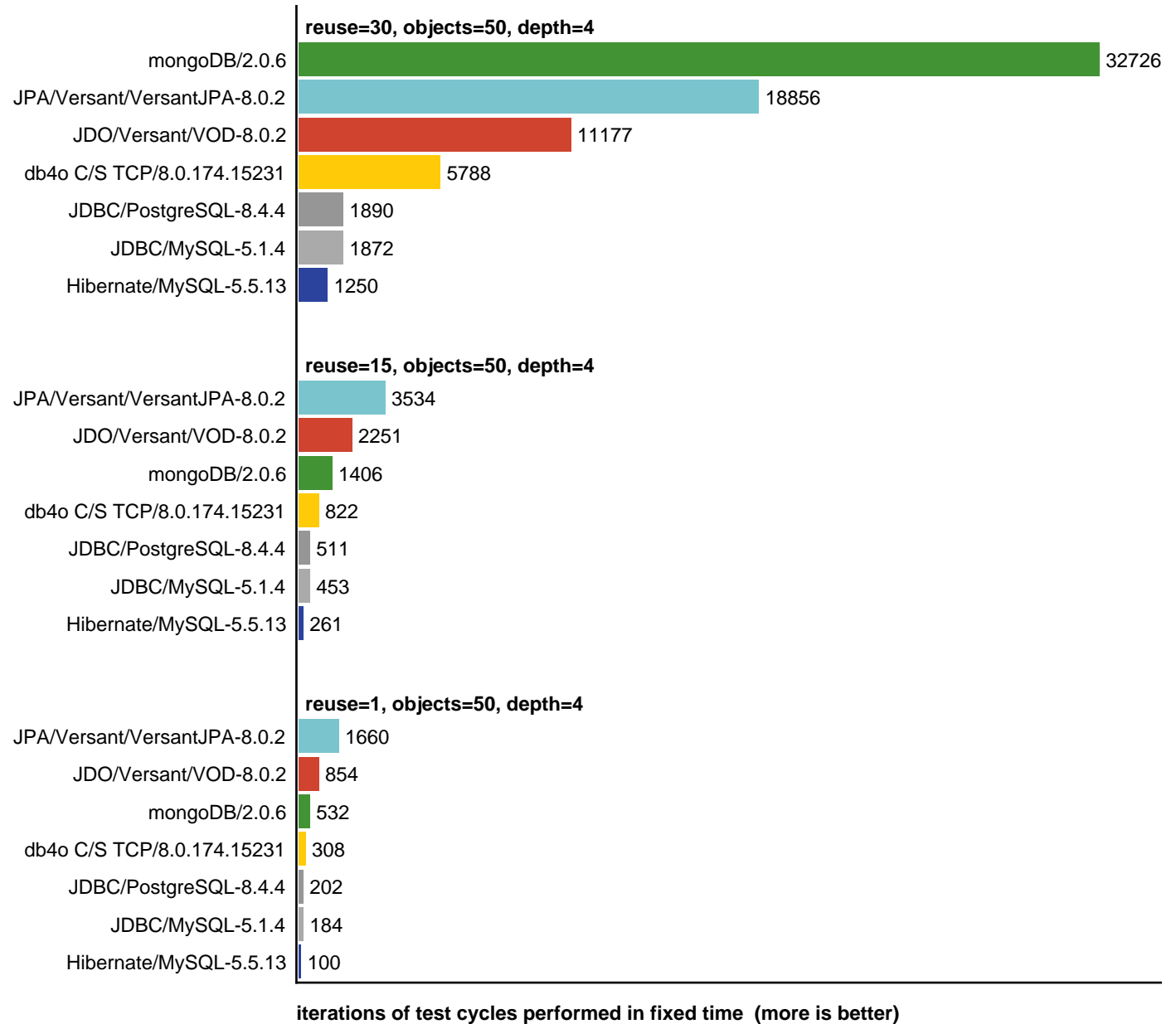
update



NestedLists

write and read nested lists

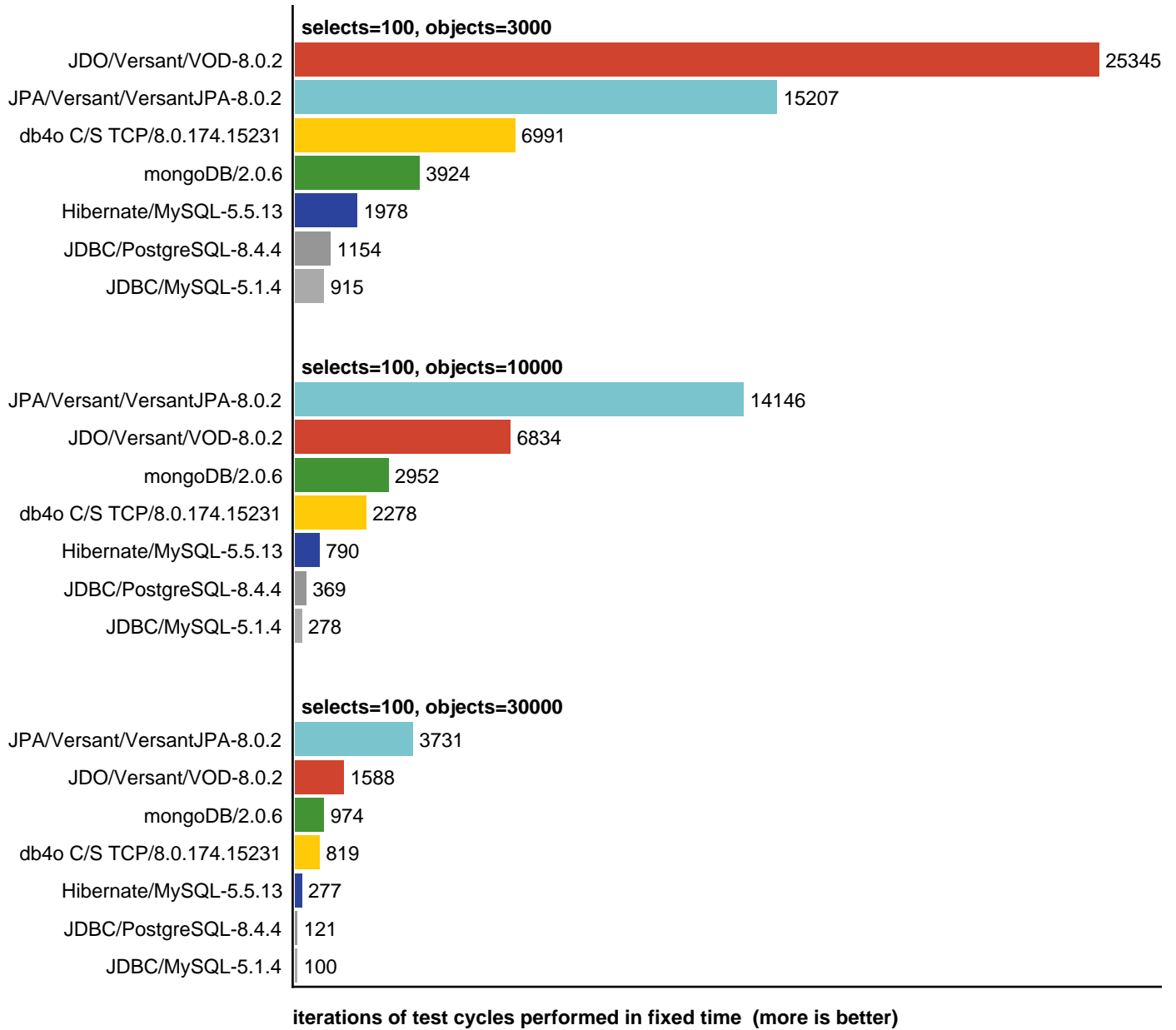
delete



InheritanceHierarchy

writes, reads, queries and deletes objects with a 5 level inheritance structure

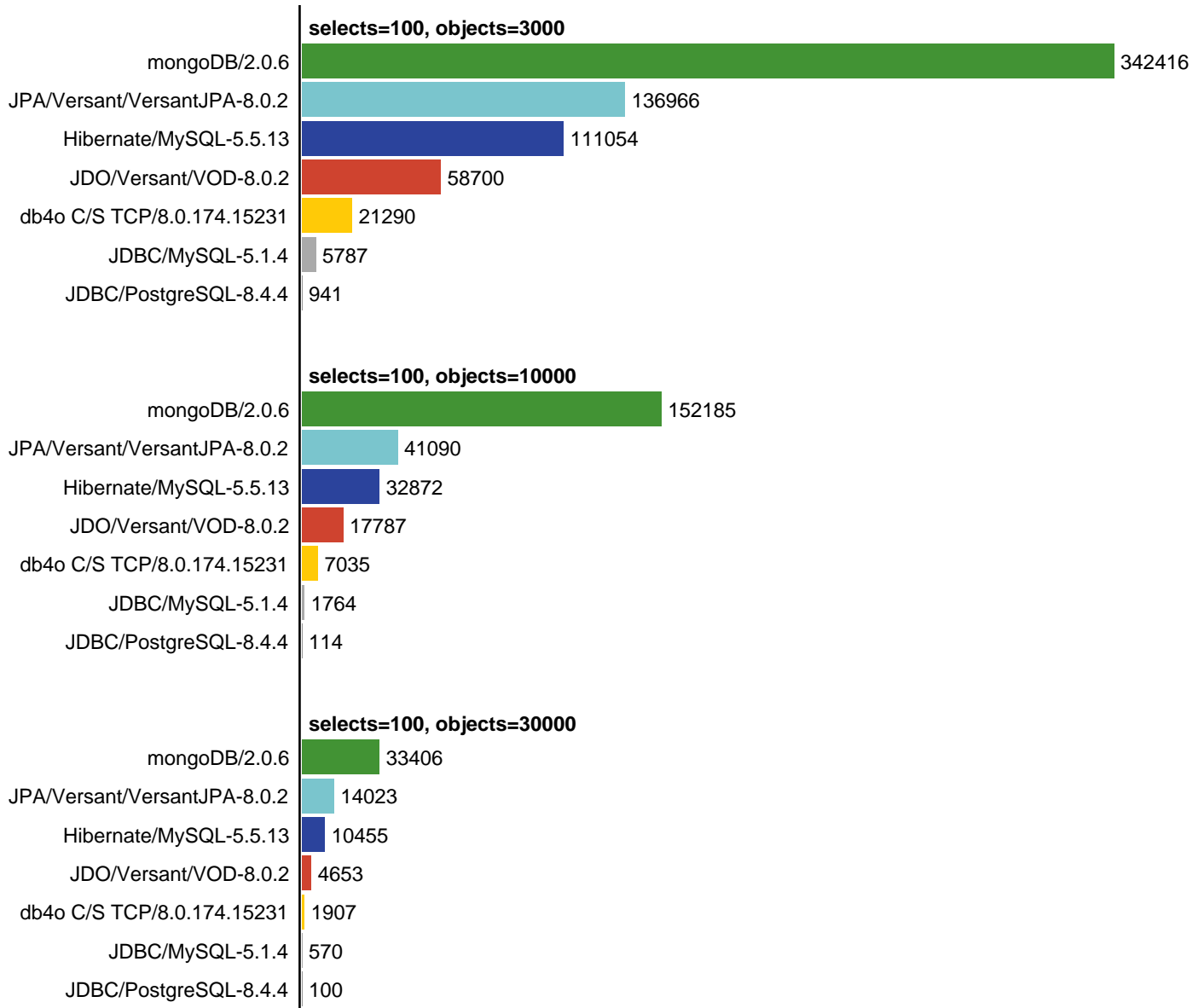
write



InheritanceHierarchy

writes, reads, queries and deletes objects with a 5 level inheritance structure

read

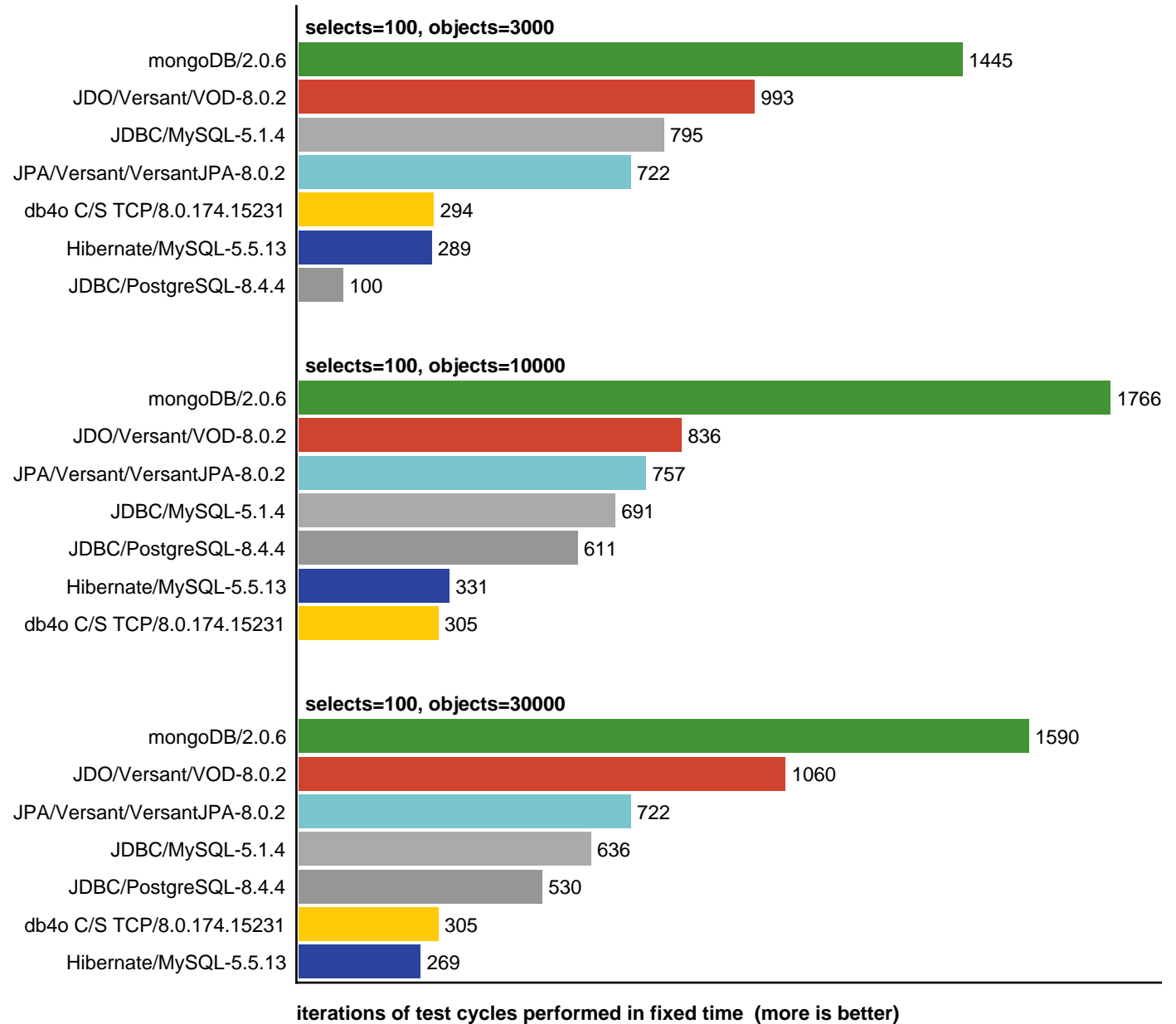


iterations of test cycles performed in fixed time (more is better)

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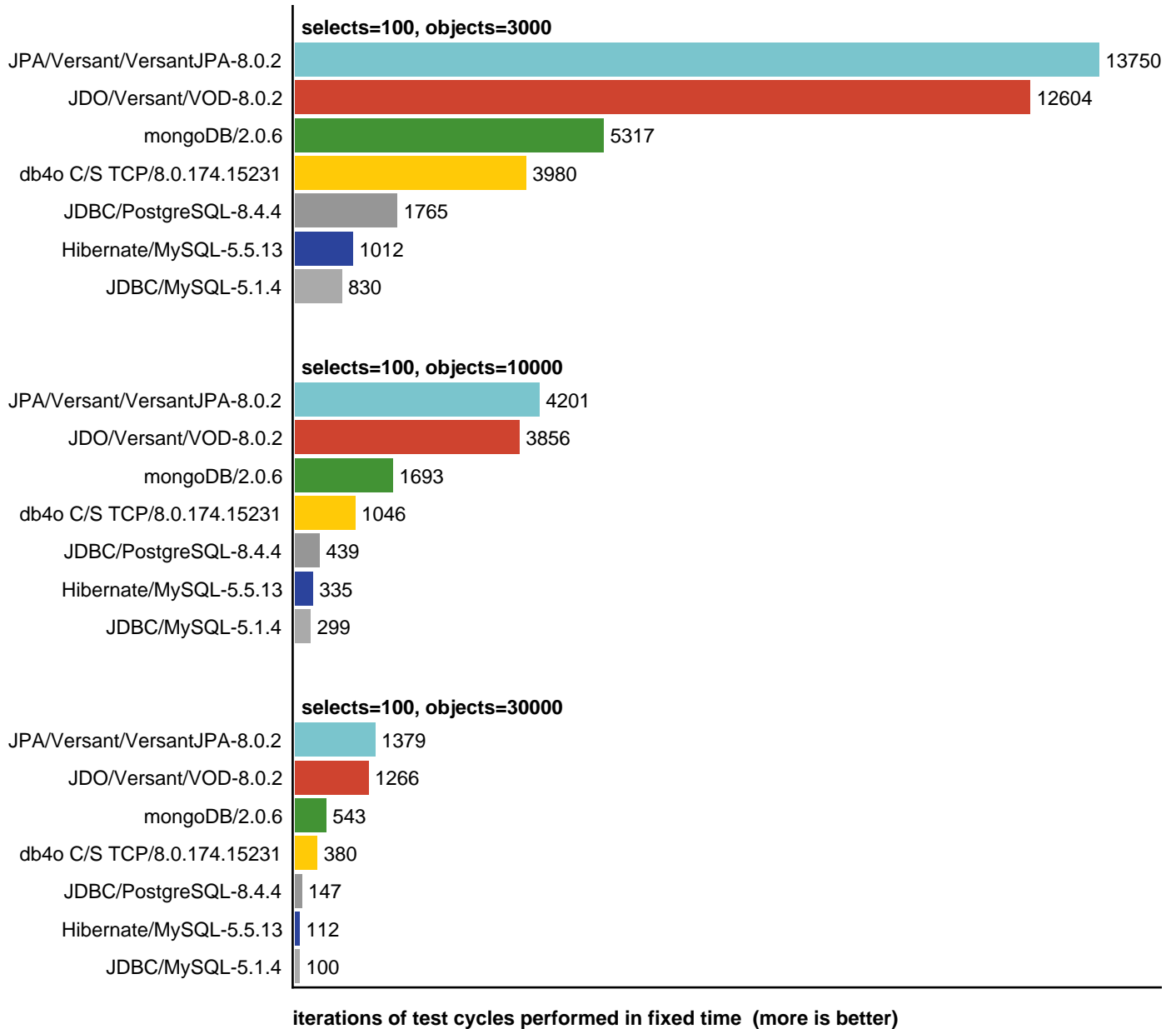
query



InheritanceHierarchy

writes, reads, queries and deletes objects with a 5 level inheritance structure

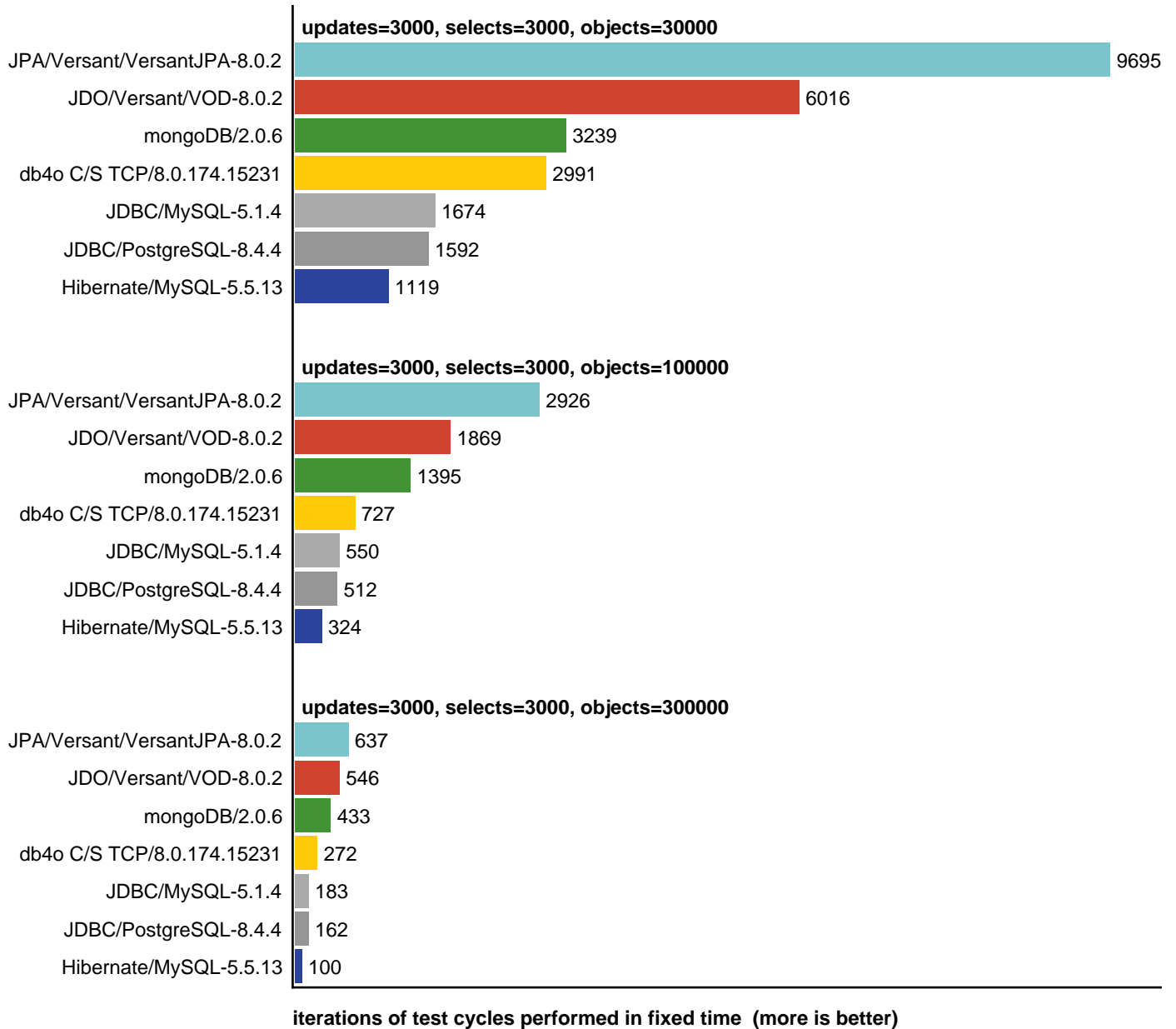
delete



FlatObject

write, query, update and delete indexed flat objects

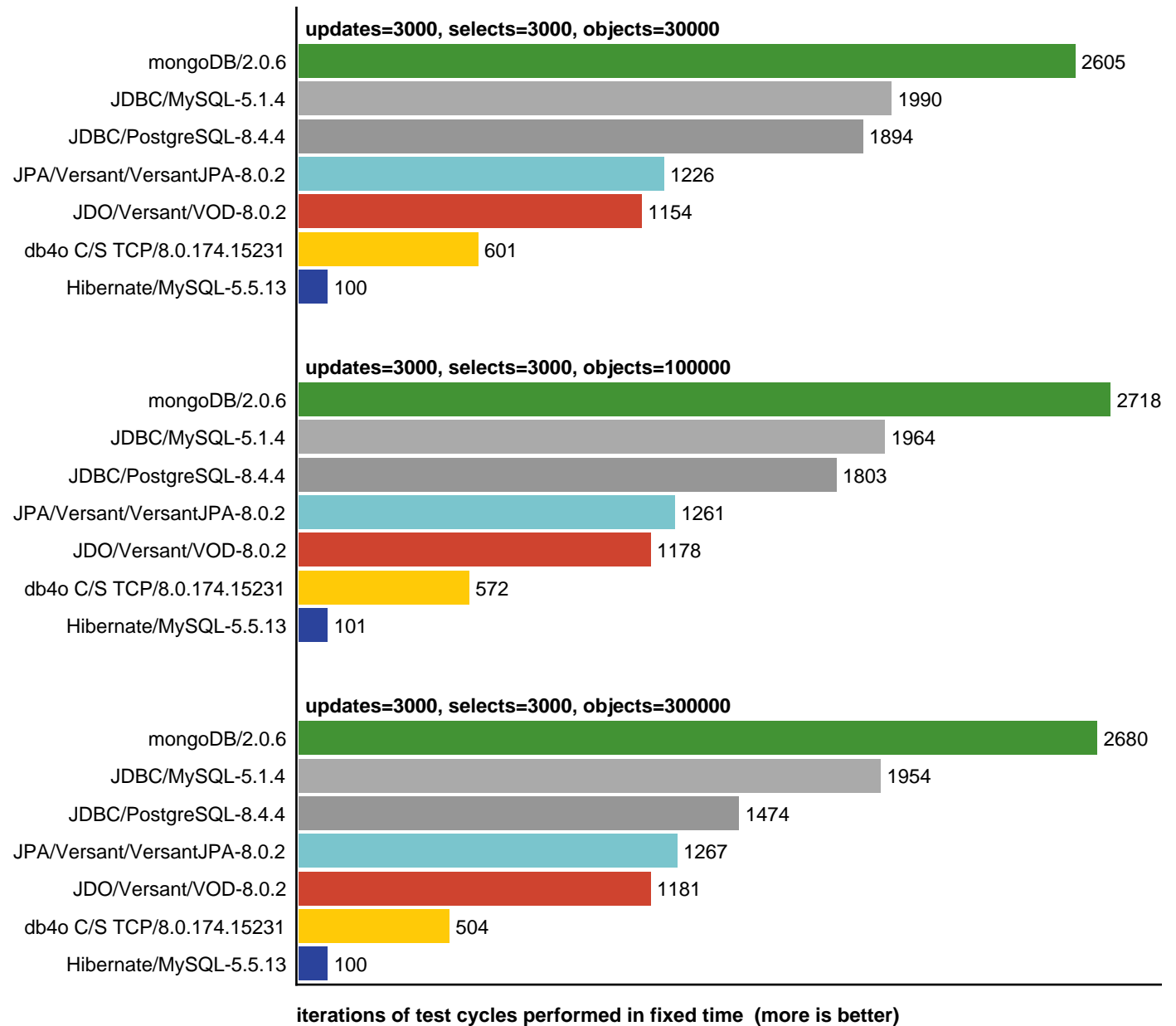
write



FlatObject

write, query, update and delete indexed flat objects

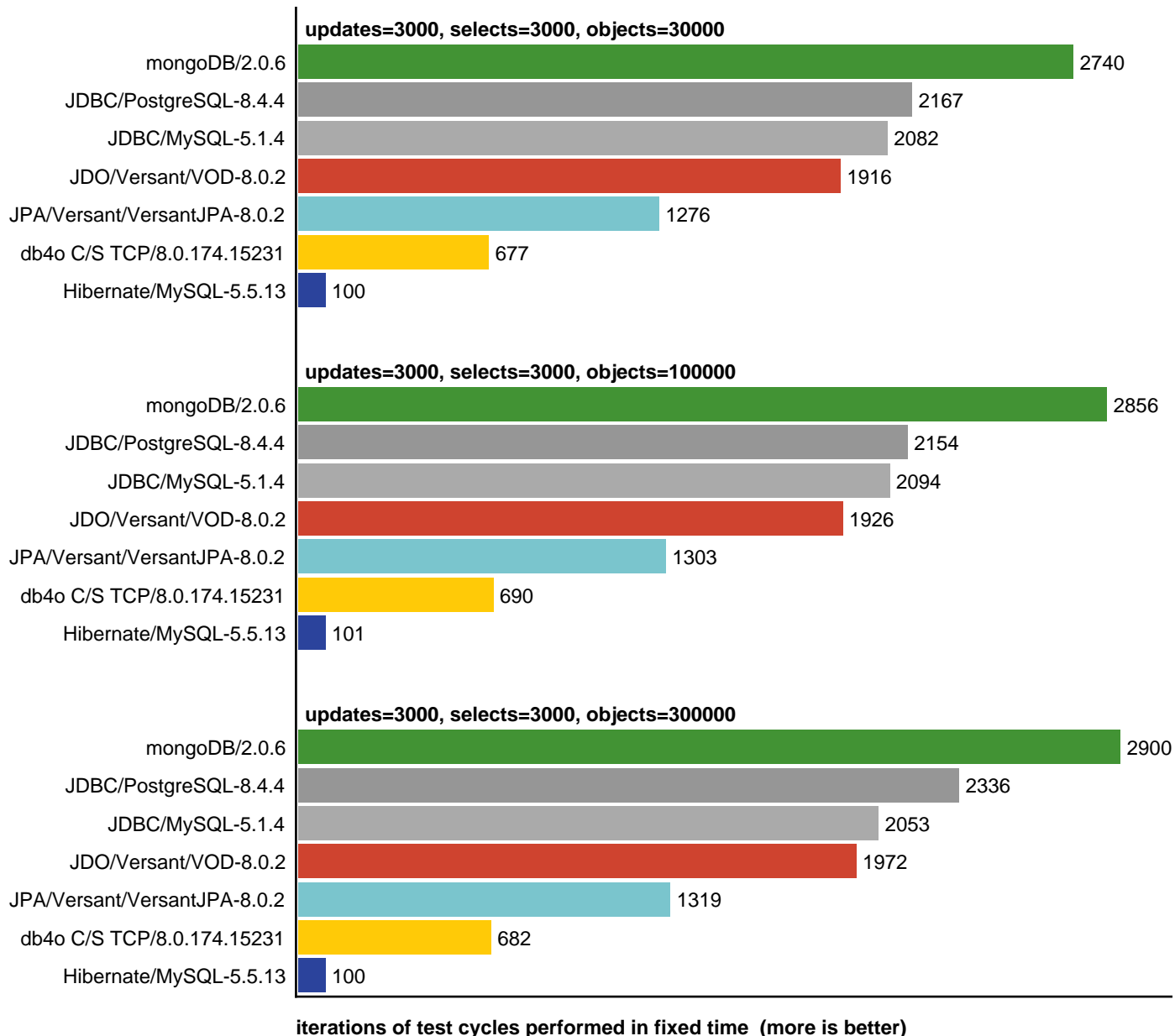
queryIndexedString



FlatObject

write, query, update and delete indexed flat objects

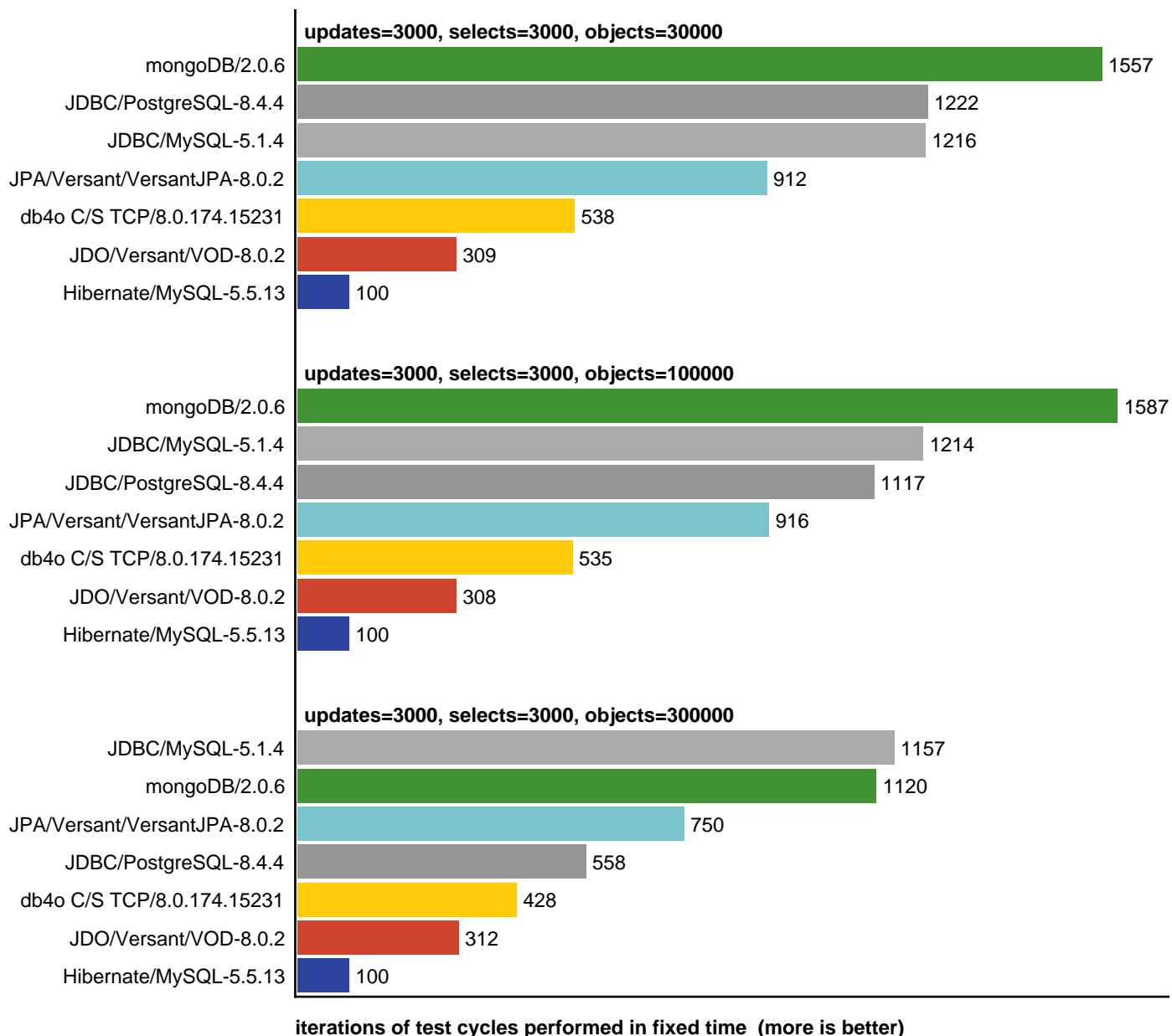
queryIndexedInt



FlatObject

write, query, update and delete indexed flat objects

update



FlatObject

write, query, update and delete indexed flat objects

delete

