

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

db4o

the open source object database for Java and .NET

<http://www.db4o.com>

SQLite-3.6.14.2

a small C library that implements a self-contained, embeddable, zero-configuration SQL database engine.

www.sqlite.org

JavaDB-10.5.3.0

Sun's supported distribution of Apache Derby

<http://developers.sun.com/javadb/>

HSQLDB-1.8.1

lightweight 100% Java SQL database engine

<http://hsqldb.sourceforge.net/>

Hibernate

relational persistence for idiomatic Java

<http://www.hibernate.org>

mongoDB

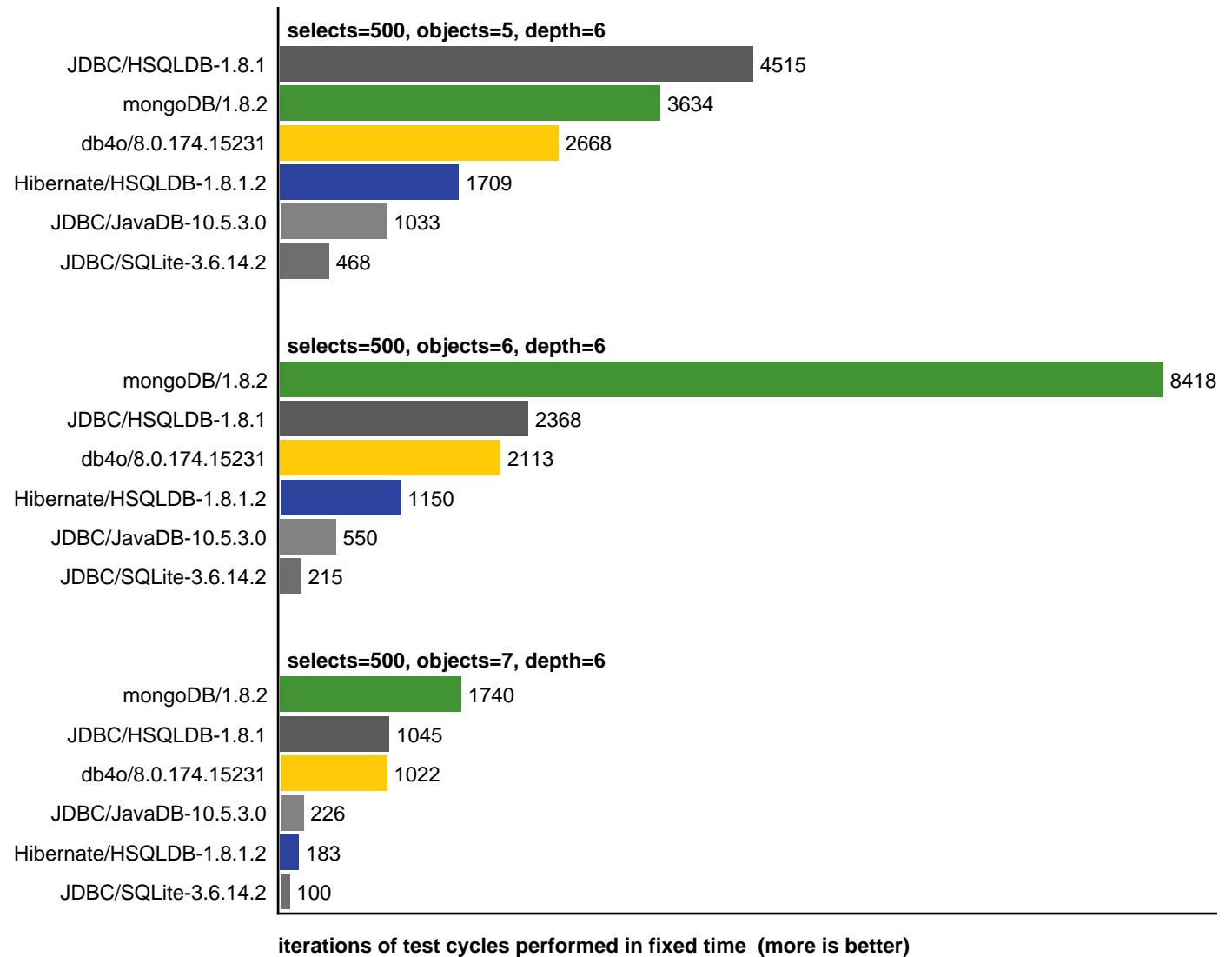
open source, high-performance, schema-free, document-oriented database

<http://www.mongodb.org>

Complex

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

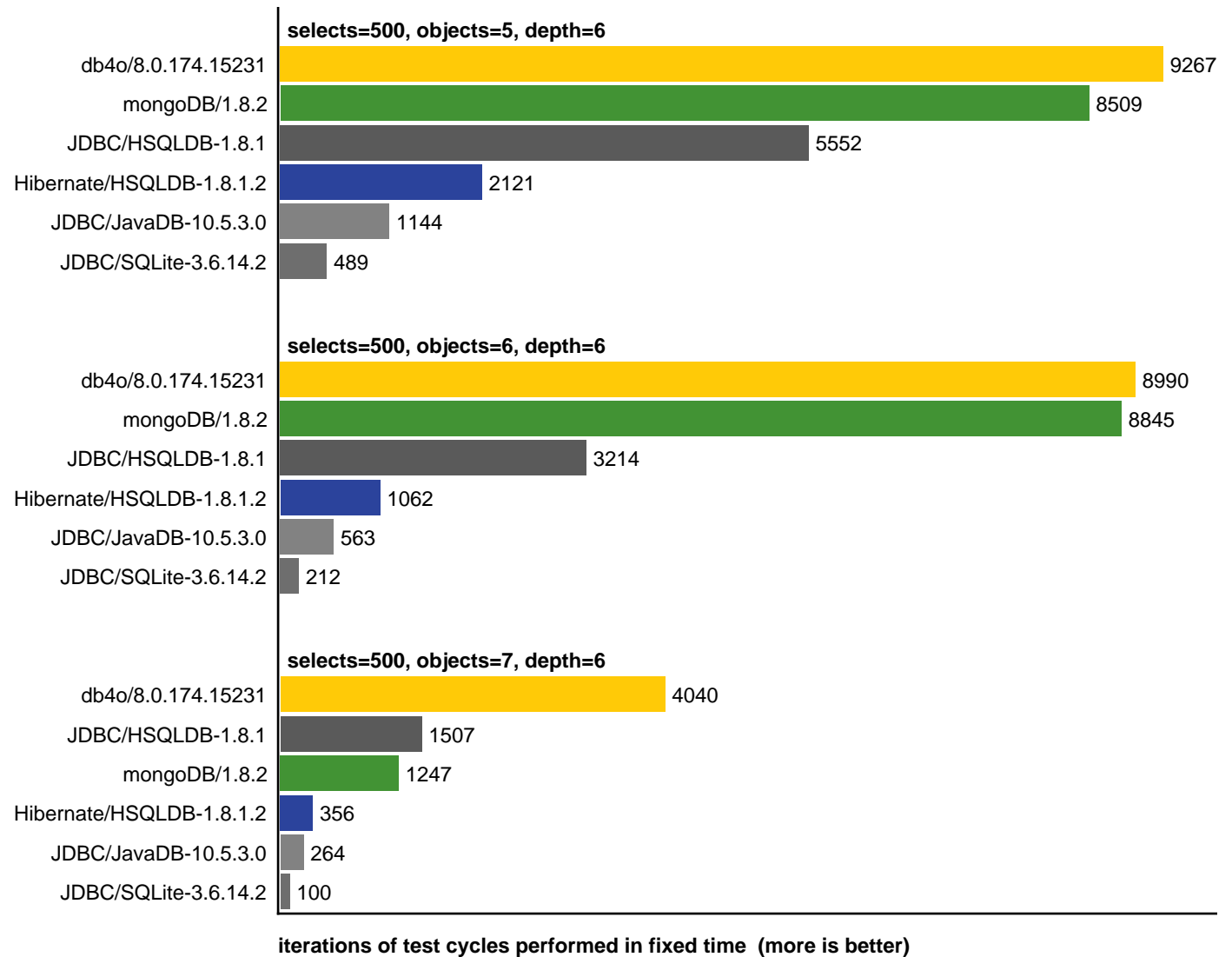
write



Complex

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

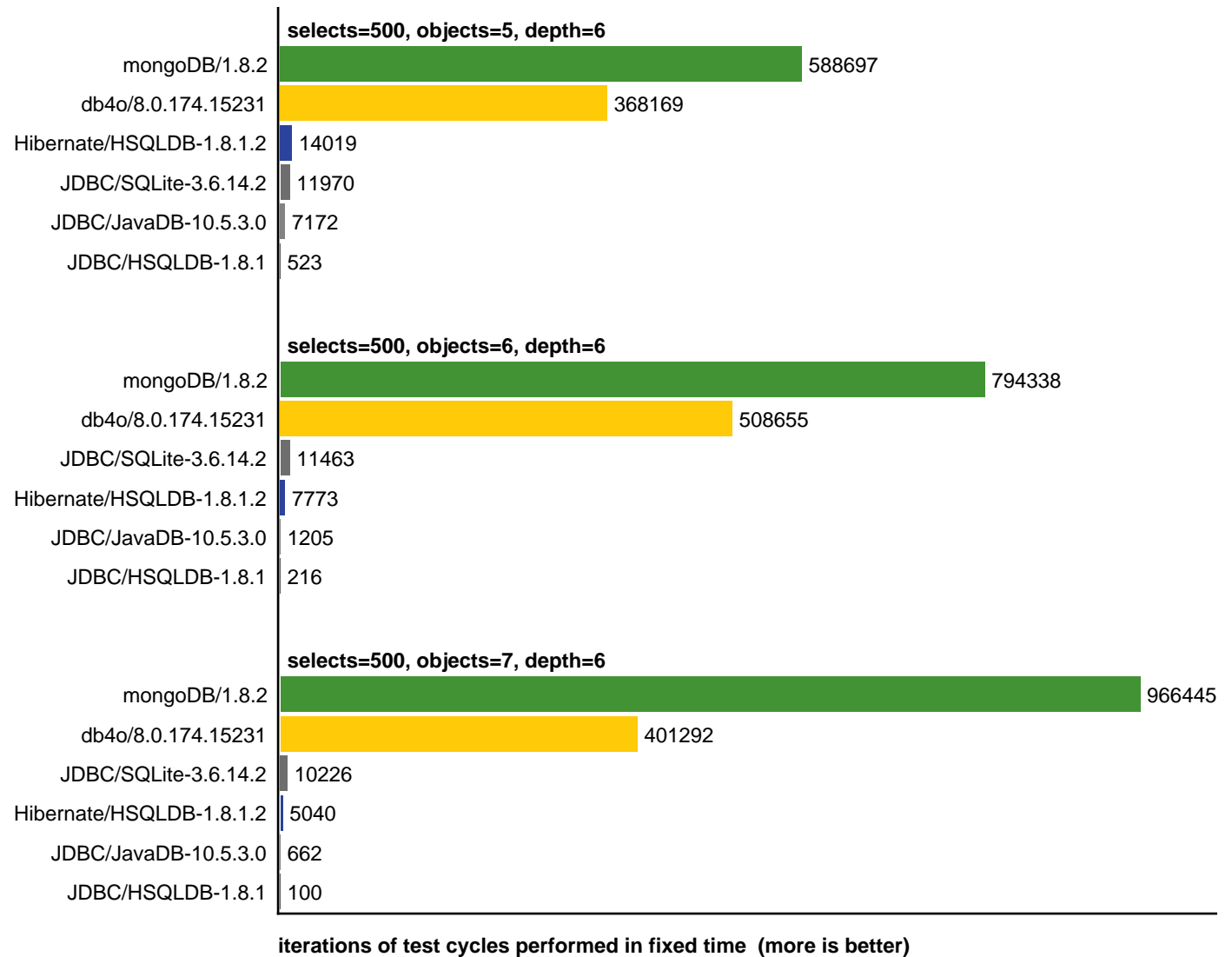
read



Complex

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

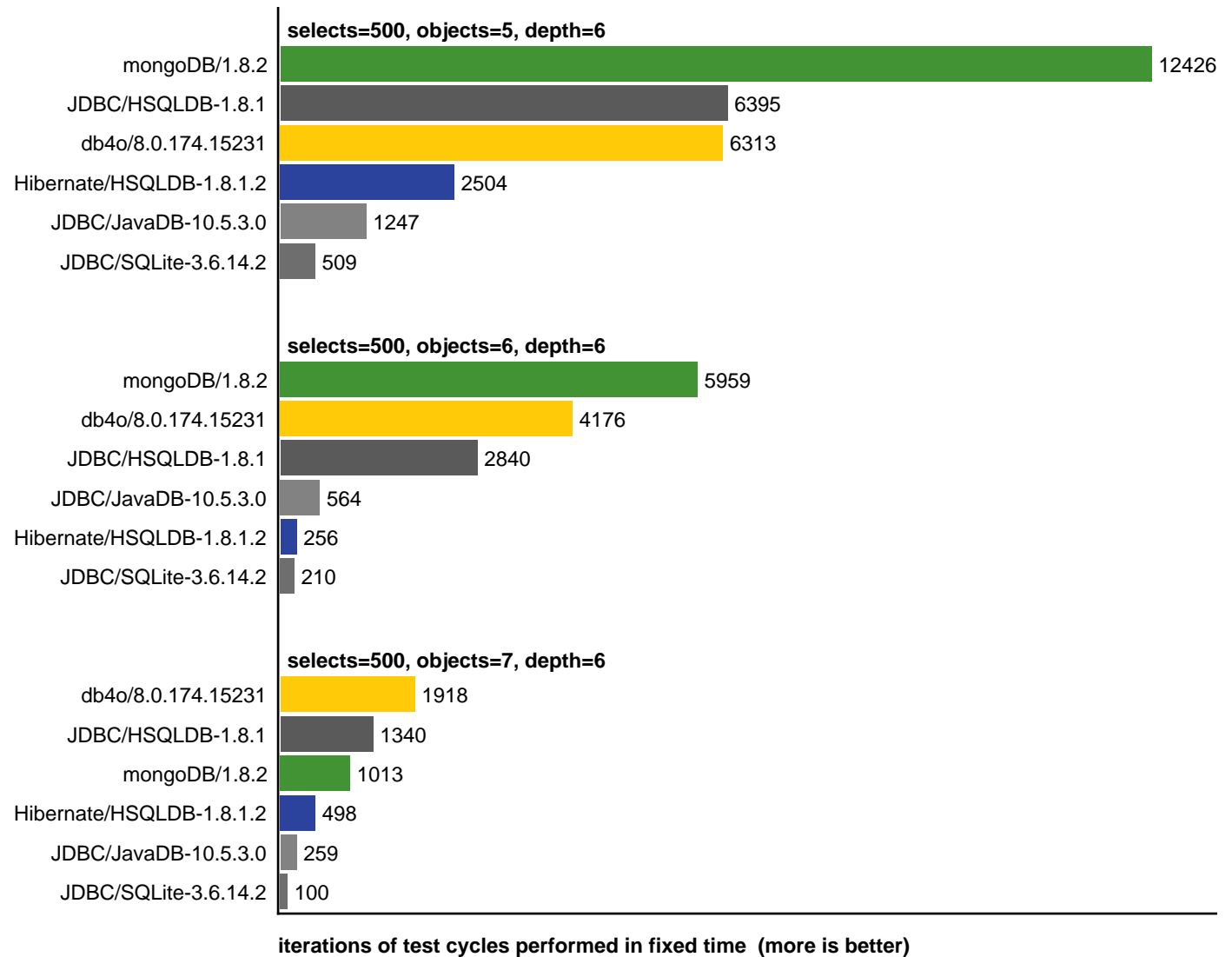
query



Complex

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

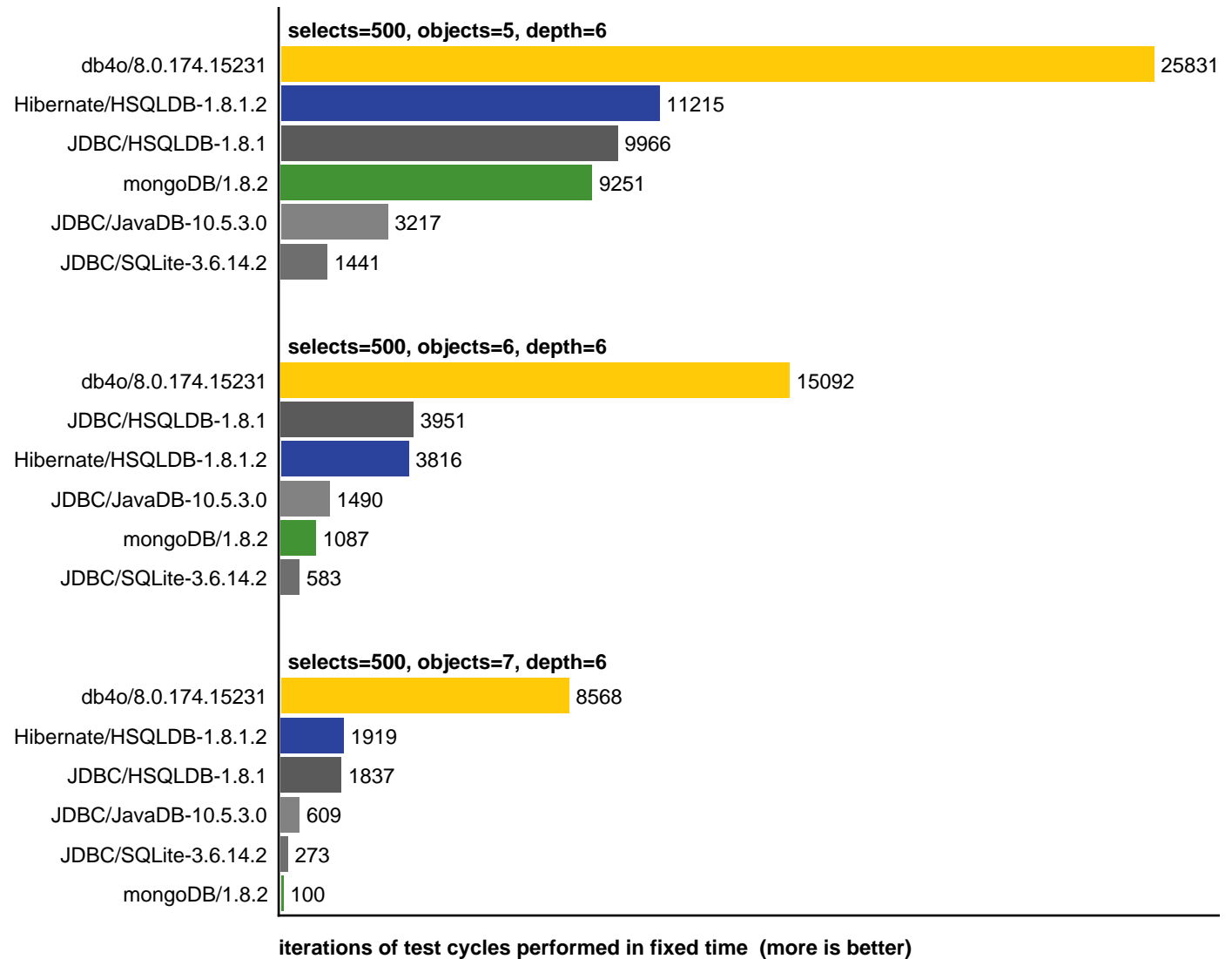
update



Complex

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

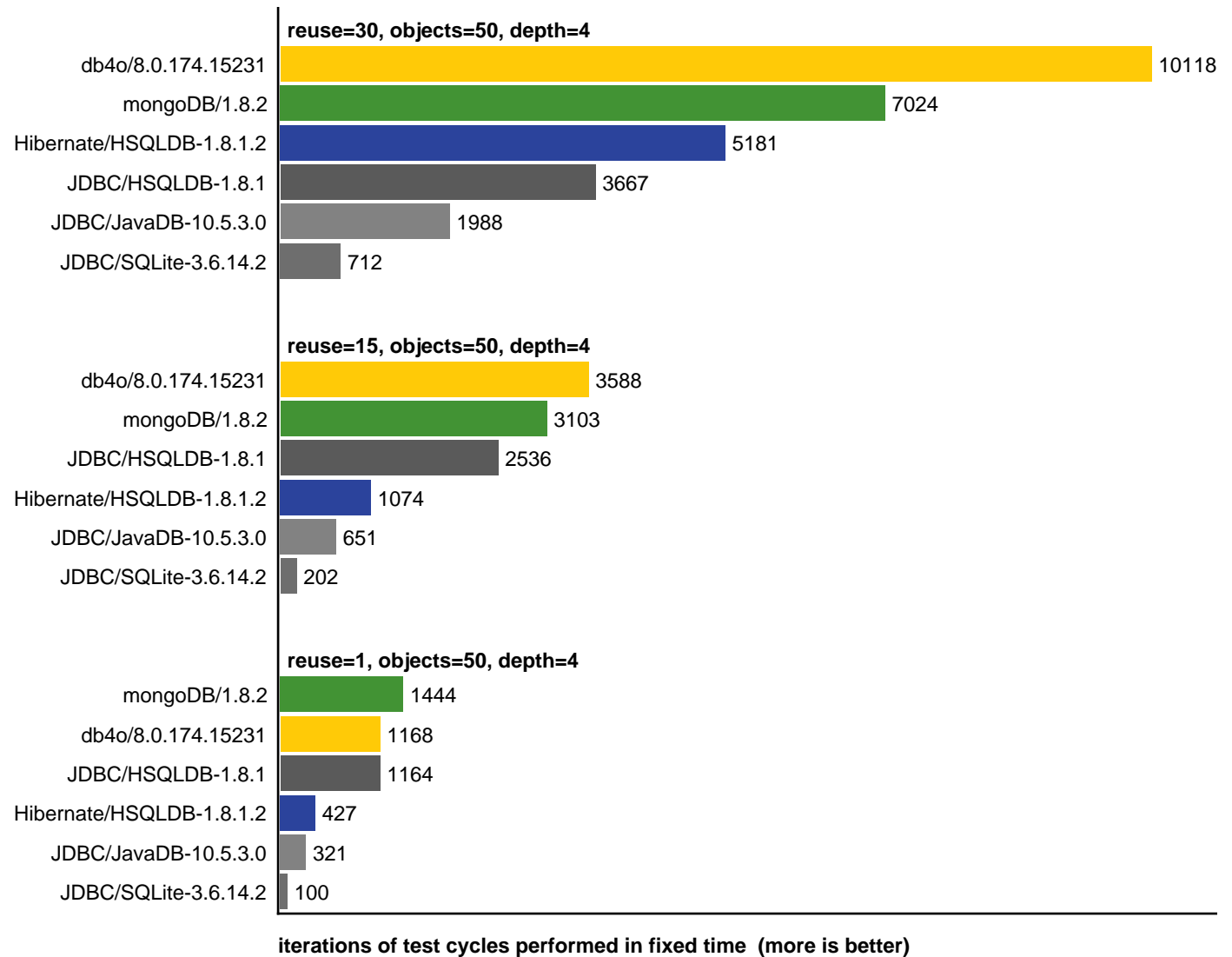
delete



NestedLists

write and read nested lists

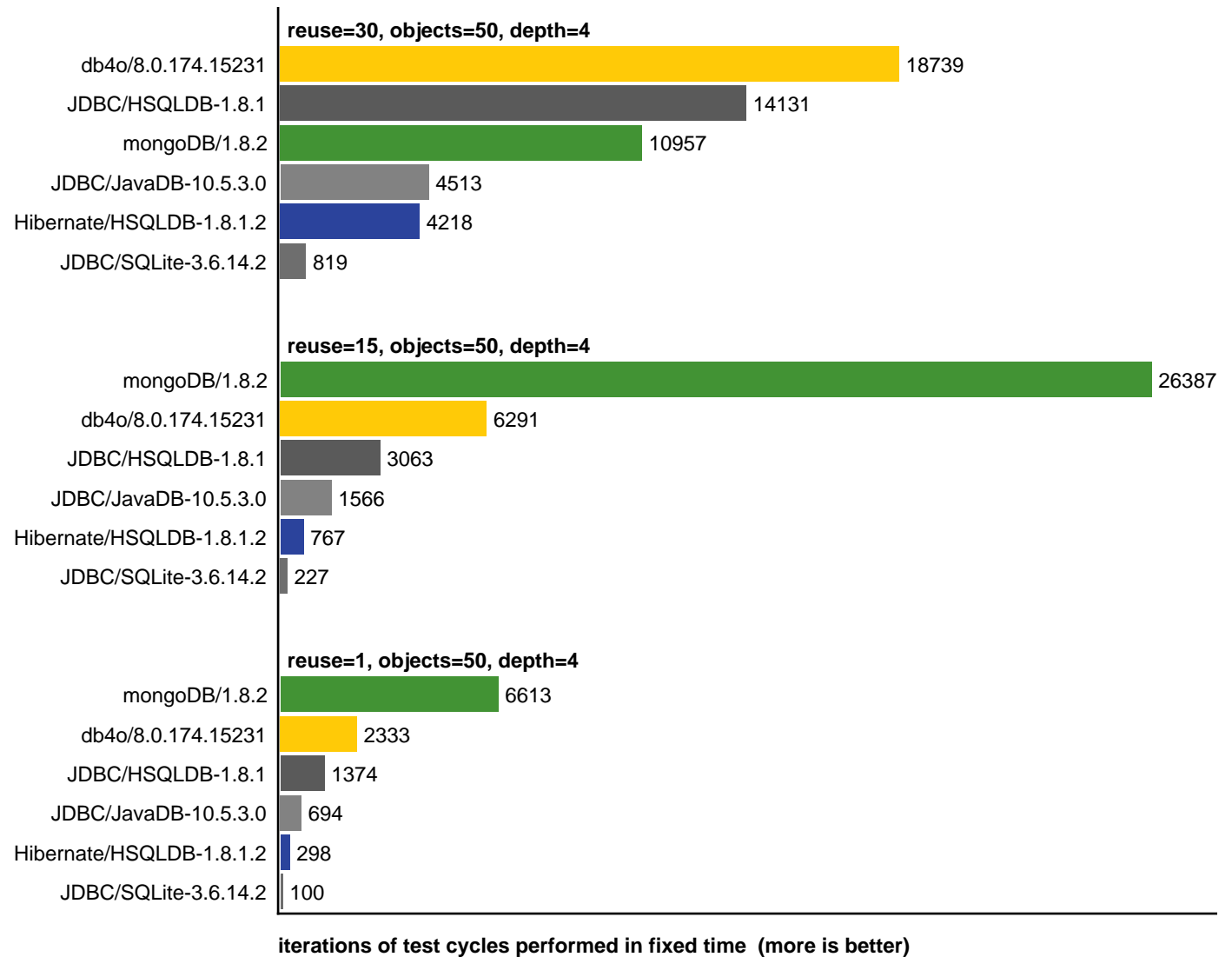
create



NestedLists

write and read nested lists

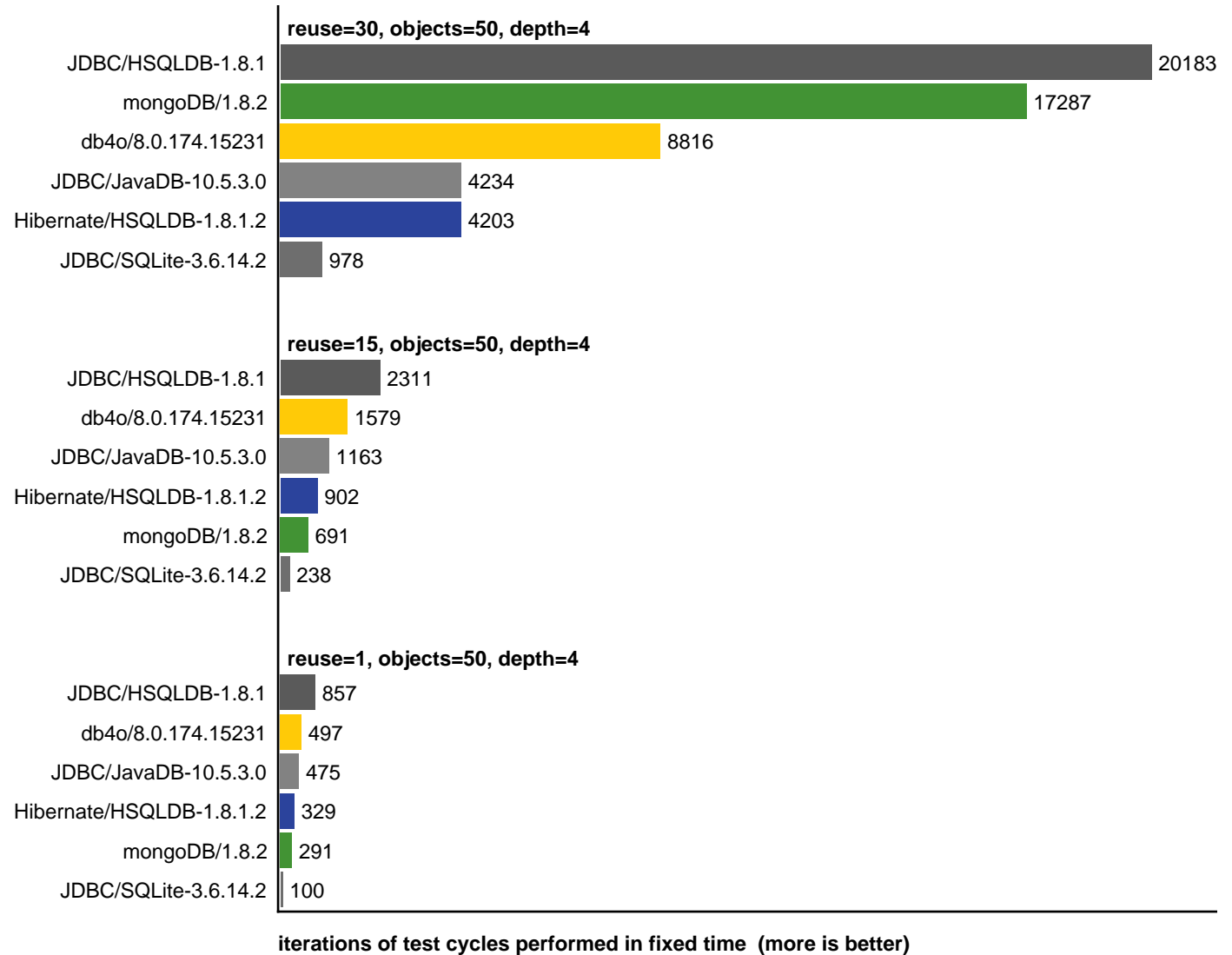
read



NestedLists

write and read nested lists

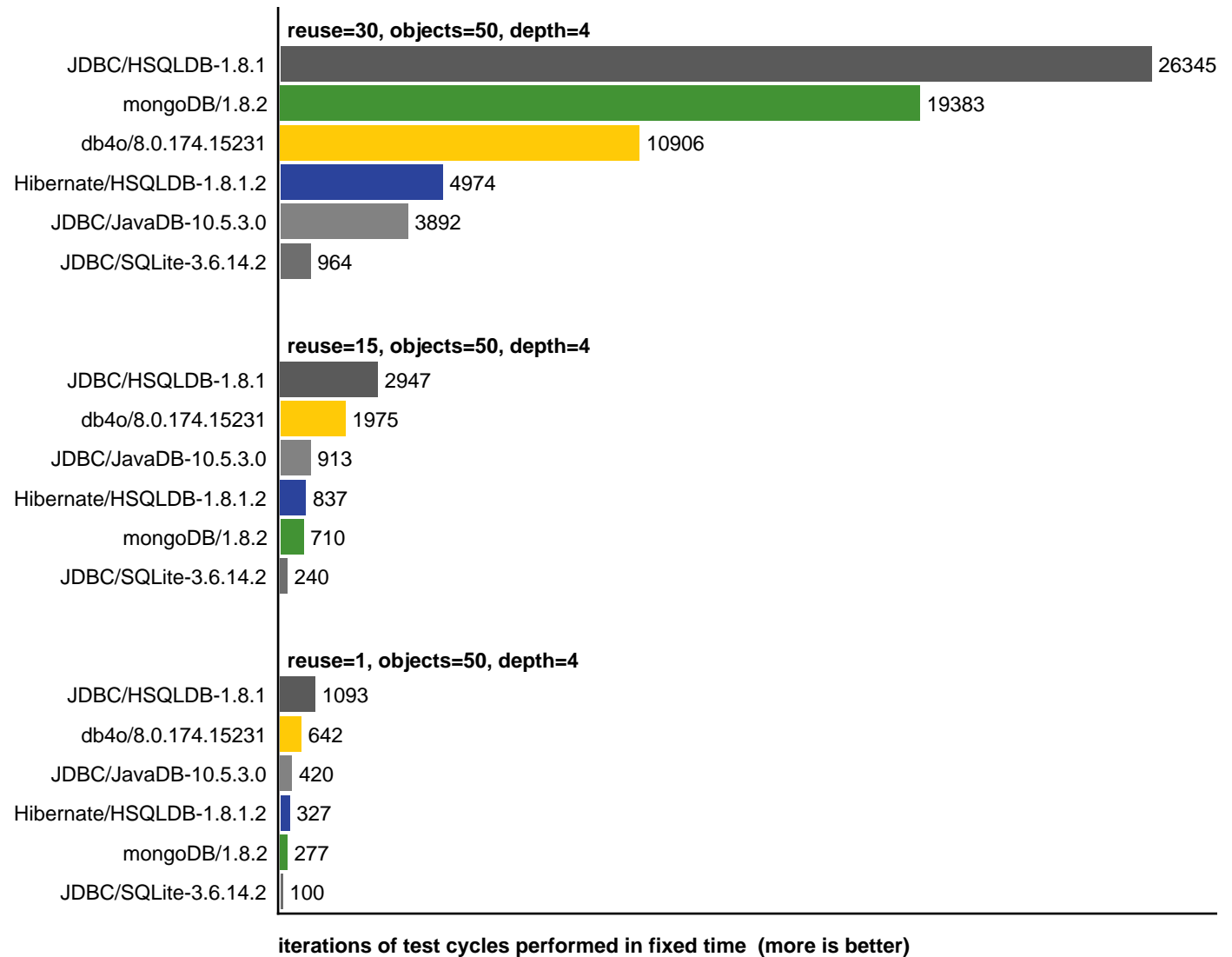
update



NestedLists

write and read nested lists

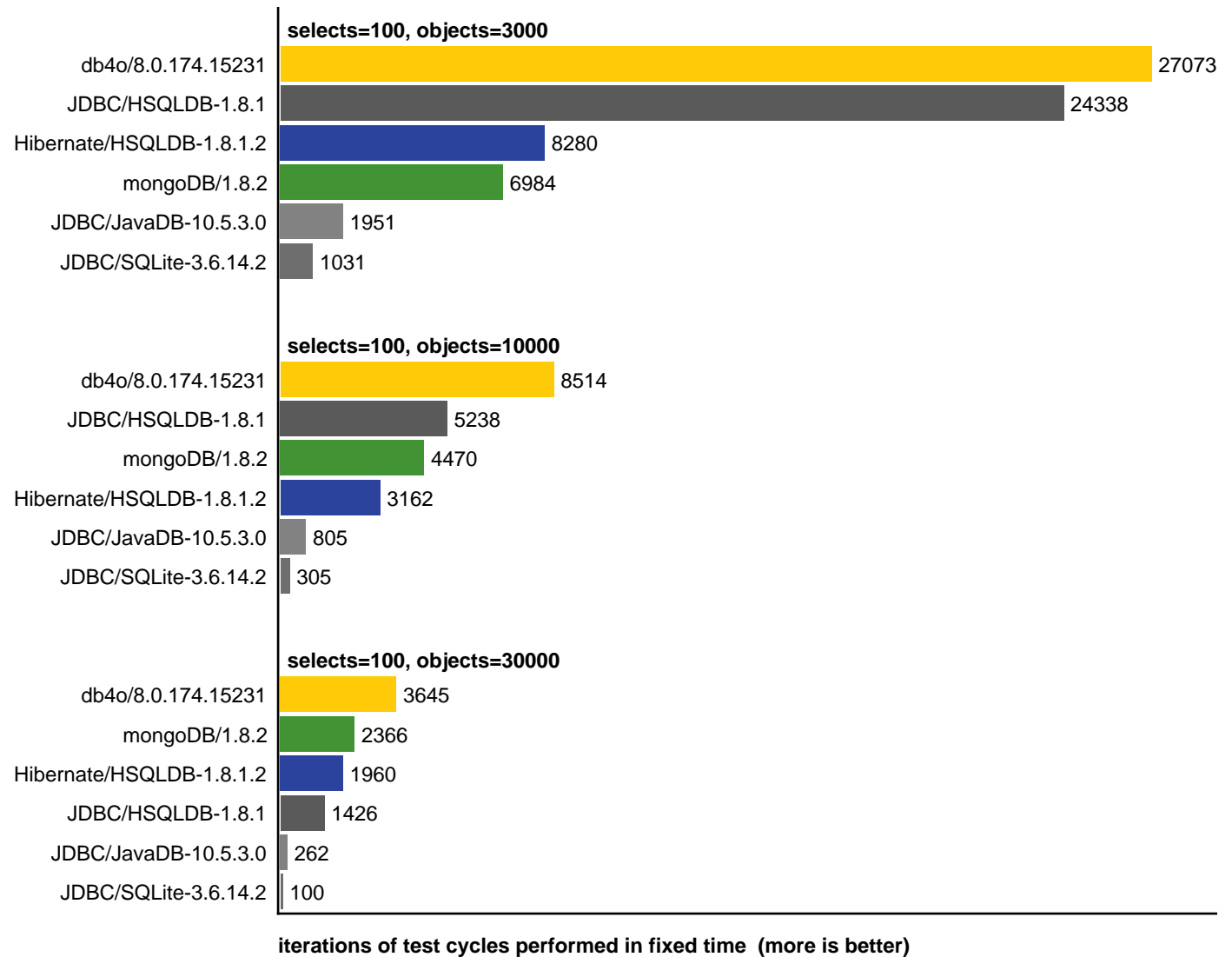
delete



InheritanceHierarchy

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

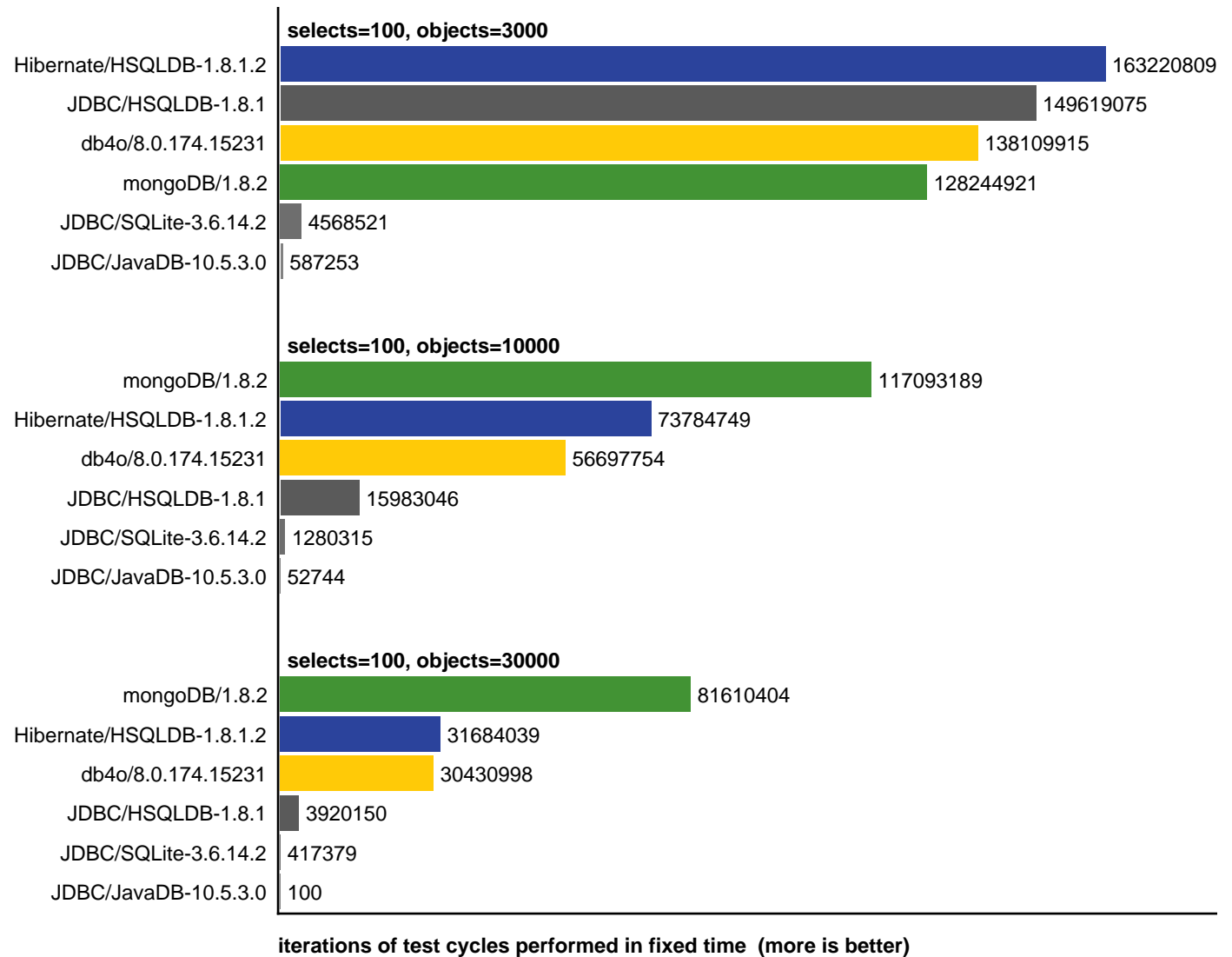
write



InheritanceHierarchy

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

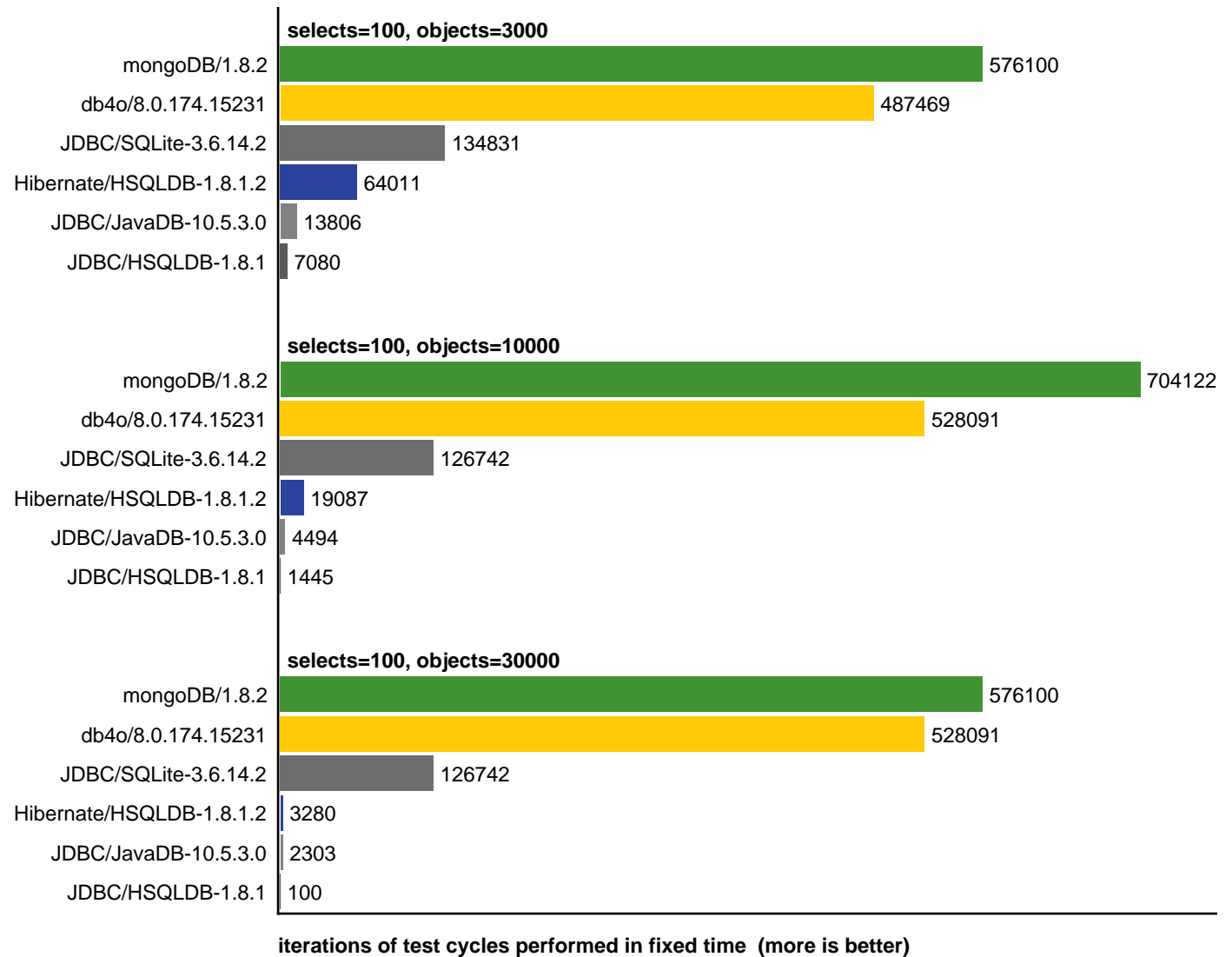
read



InheritanceHierarchy

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

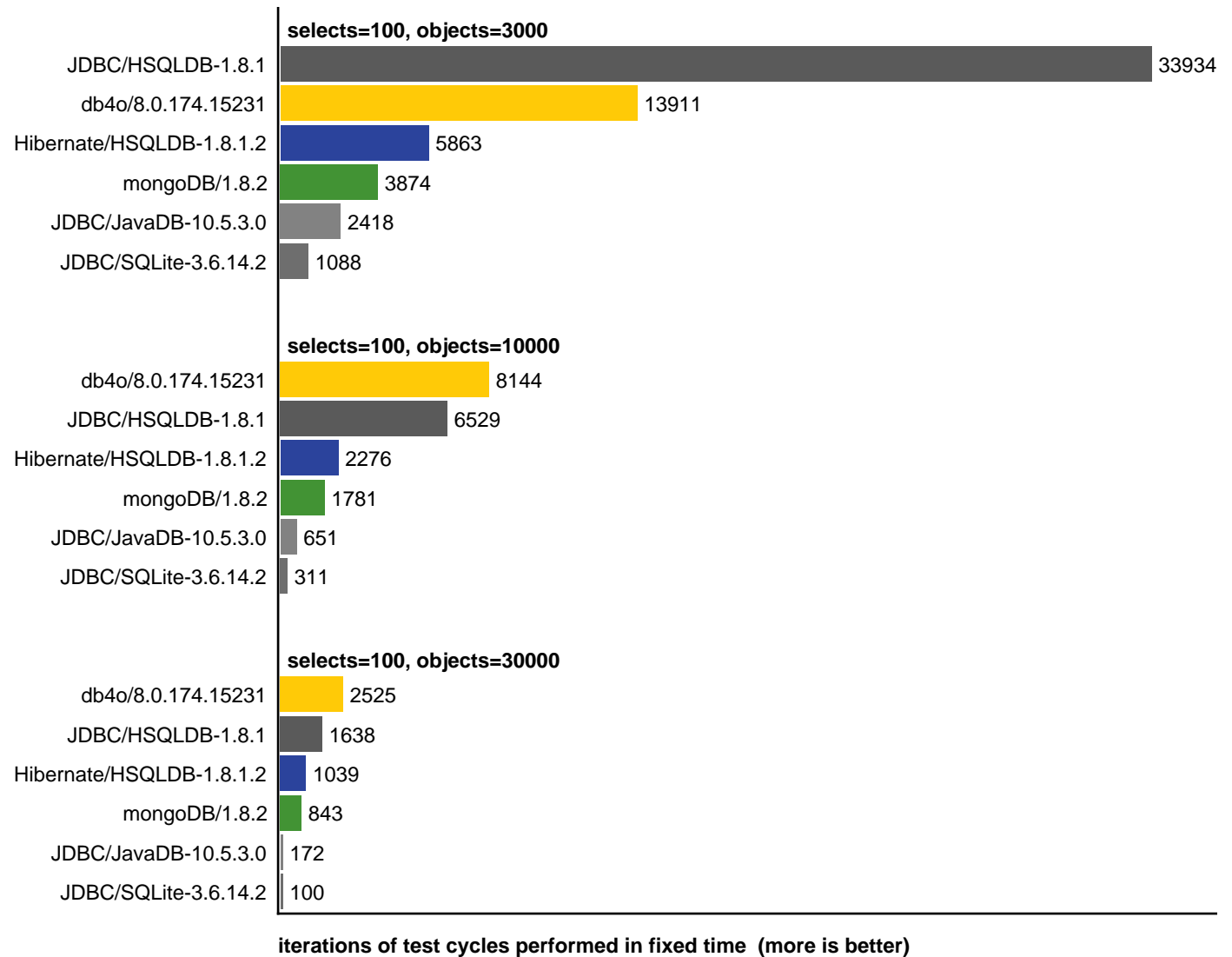
query



InheritanceHierarchy

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

delete

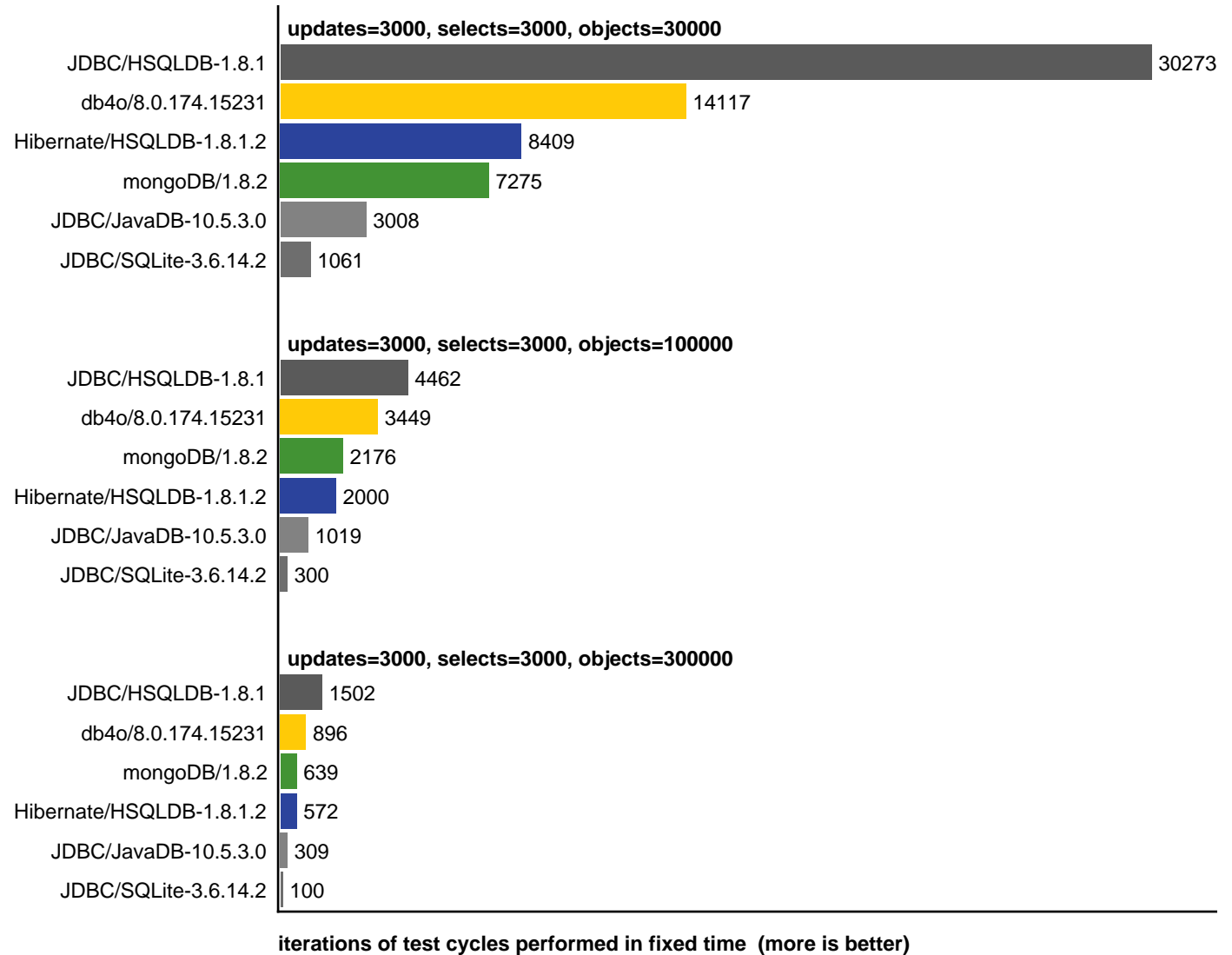


iterations of test cycles performed in fixed time (more is better)

FlatObject

write, query, update and delete indexed flat objects

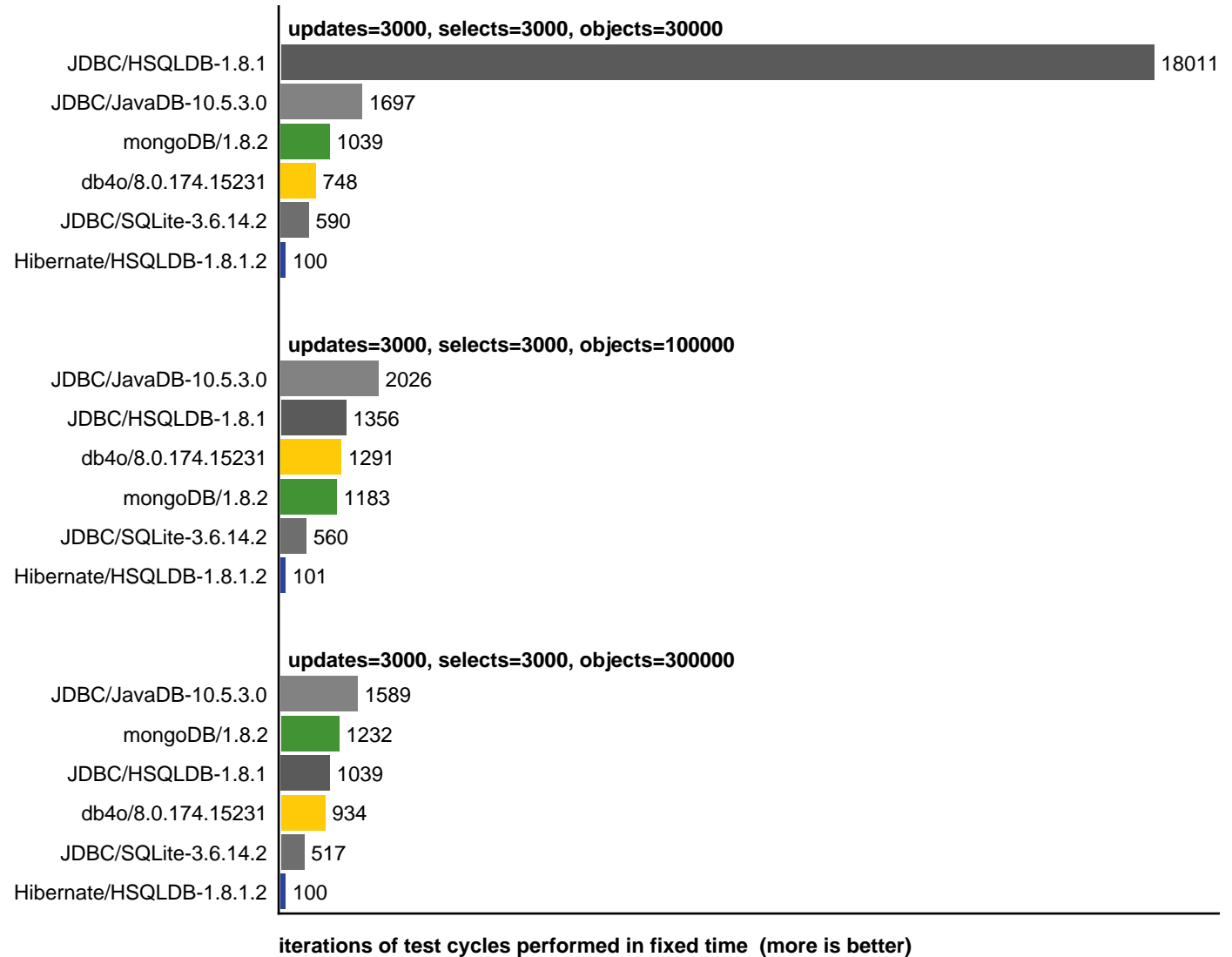
write



FlatObject

write, query, update and delete indexed flat objects

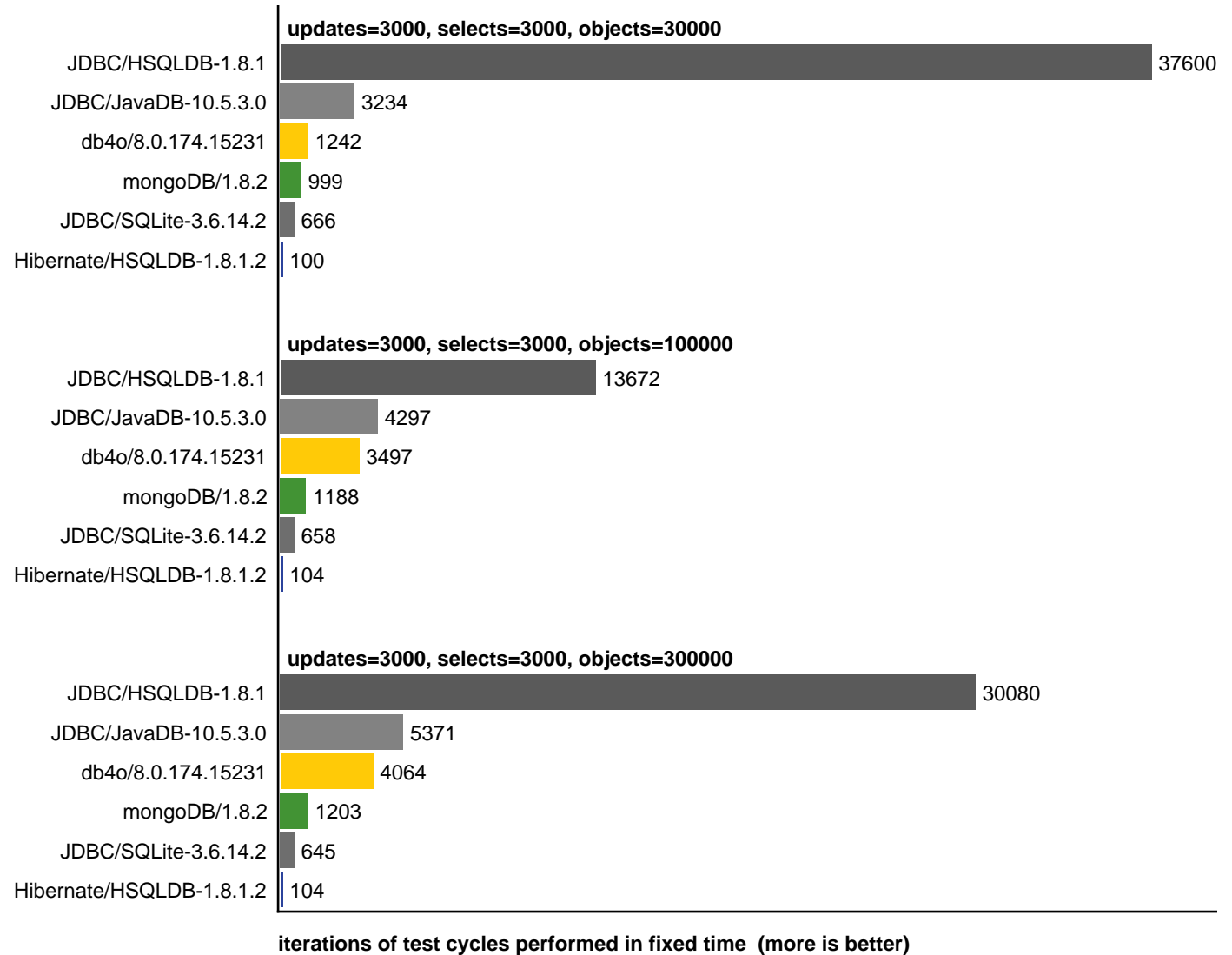
queryIndexedString



FlatObject

write, query, update and delete indexed flat objects

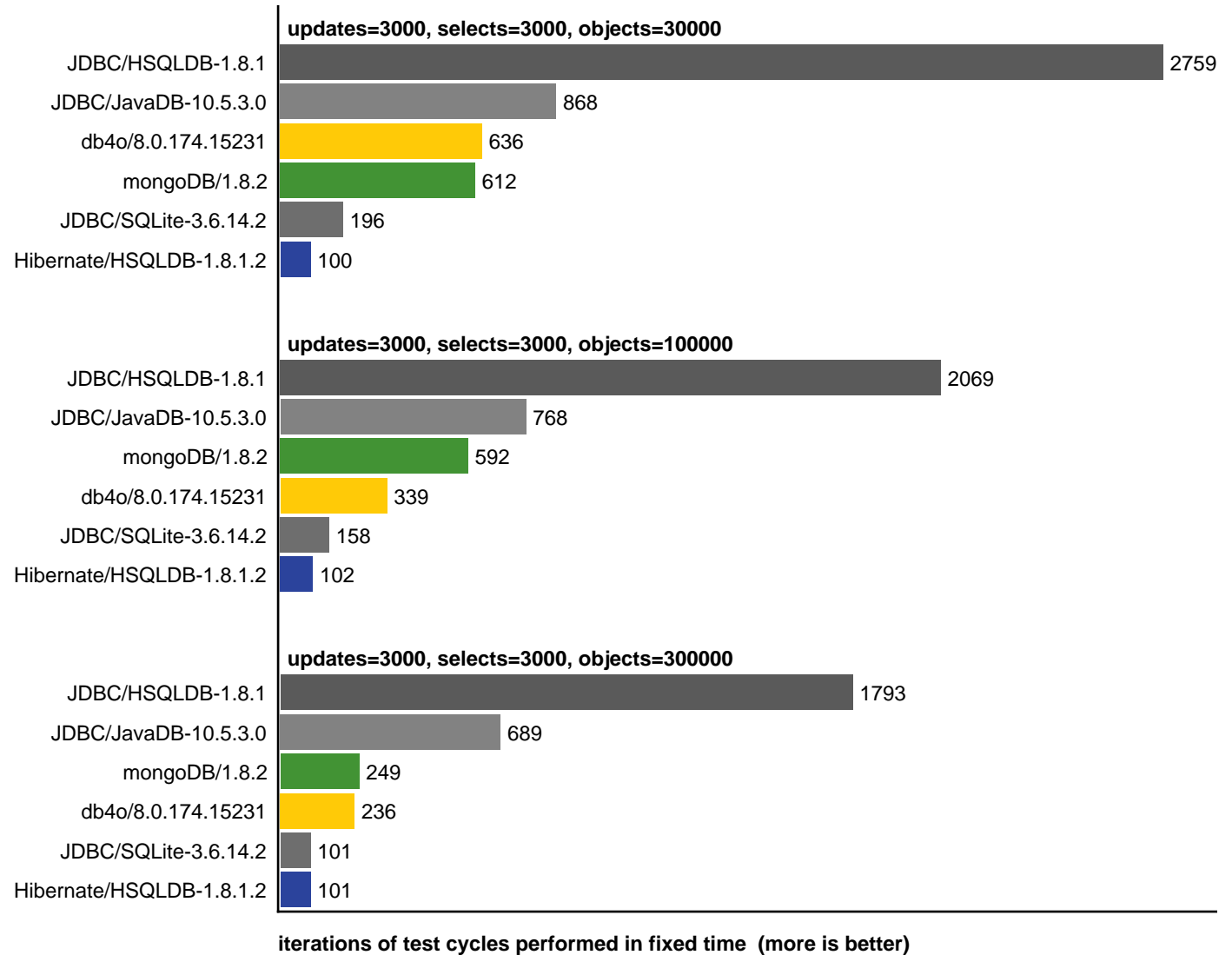
queryIndexedInt



FlatObject

write, query, update and delete indexed flat objects

update



FlatObject

write, query, update and delete indexed flat objects

delete

