FLUSH

Do not invoke flush after every change to an entity or every single invocation of persist/remove/merge/... This is an anti-pattern and unnecessarily reduces the performance of your application.

Instead, form units of work that operate on your objects and call flush when you are done. While serving a single HTTP request there should be usually no need for invoking flush more than 0-2 times.

FLUSH

How costly a flush operation is, mainly depends on two factors:

- The size of the EntityManager's current UnitOfWork.
- The configured change tracking policies