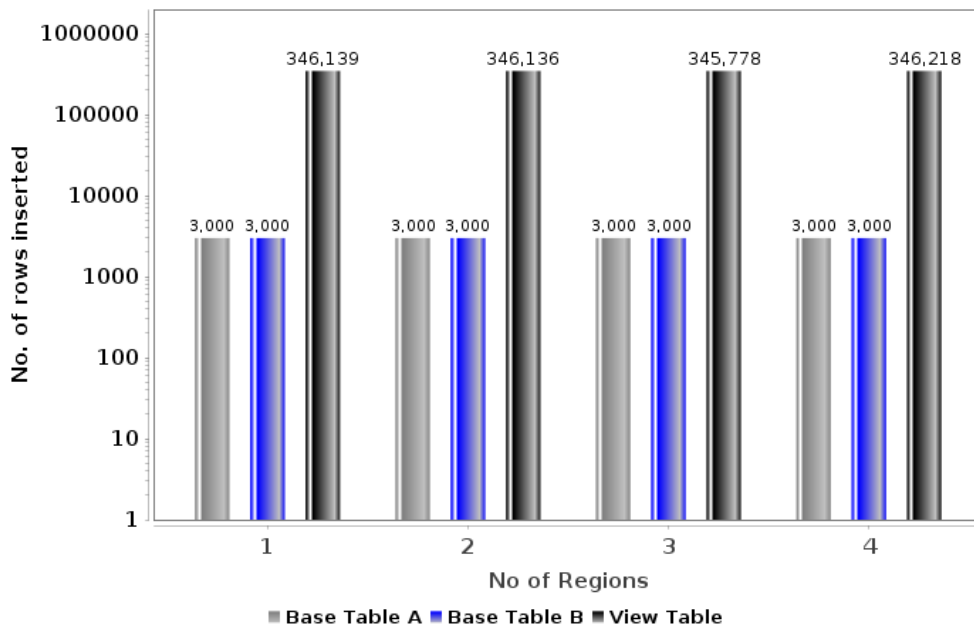
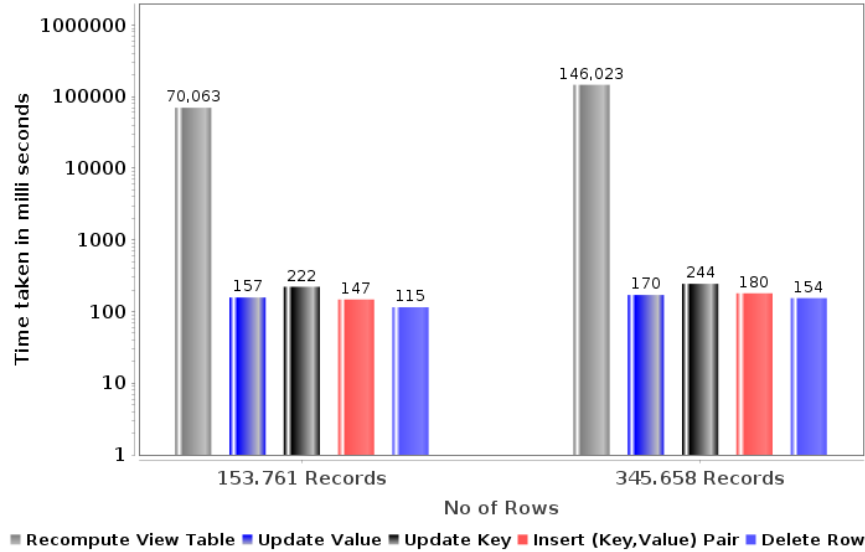


## Join & Aggregation(Sum): No. of Rows Inserted



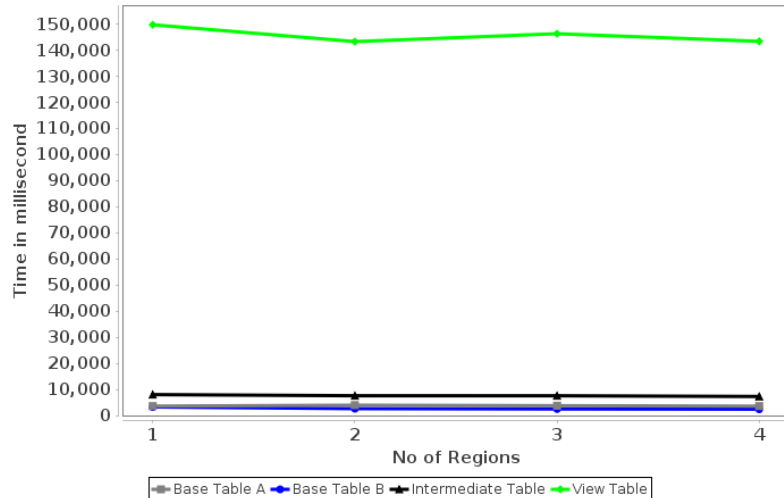
Fig(a): Rows Inserted k-fk join

## Join & Aggregation(Sum): View Recomputation vs Incremental Maintenance



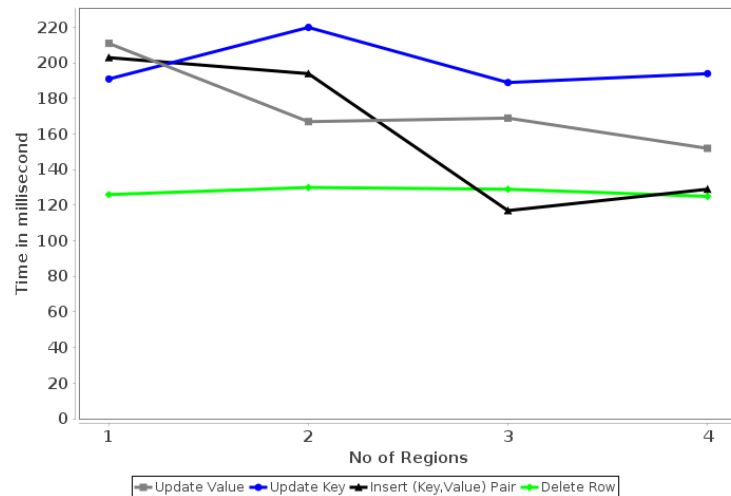
Fig(b): View Recomputaion vs Maintenance

## Join & Aggregation(Sum): Insert records



Fig(c): Insert Records

## Join & Aggregation(Sum): Update View Table



Fig(d): Update View Table