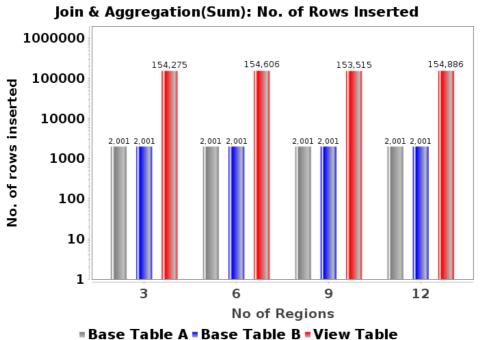
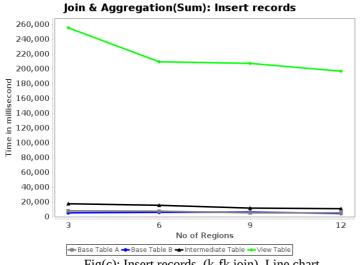
Join & Aggregation(Sum): View Recomputation vs Incremental Maintenance 1000000 255,595 209,544 207,417 196.851 100000 Time taken in milli seconds 10000 1000 100 10 1 No of Regions ■ Recompute View Table ■ Update Value ■ Update Key ■ Insert (Key, Value) Pair ■ Delete Row

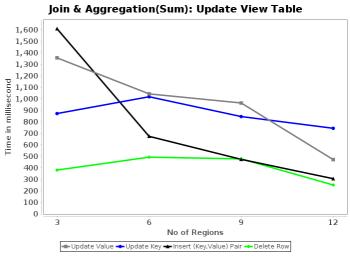
Fig(a): View Re-computation vs Incremental Maintenance



Fig(b): No of rows inserted (k-fk join)



Fig(c): Insert records (k-fk join) Line chart



Fig(d): Update View Table