```
--------------------------------------------------------------------------
      omnetpp-defaults      Simulation Results
--------------------------------------------------------------------------


Number of reference types:
  Number of reads   =  2009285423  [20.09%]
  Number of writes  =  1237898222  [12.38%]
  Number of inst    =  6752816355  [67.53%]
  Total             = 10000000000

Total cycles for all activities:
  Cycles for reads  = 44619155042  [45.99%]
  Cycles for writes = 10153638624  [10.47%]
  Cycles for inst   = 42244697827  [43.54%]
  Total time        = 97017491493

Average cycles per activity:
  Read  = 22.21
  Write = 8.20
  Inst  = 6.26
Ideal: Exec. Time = 16752816355; CPI = 2.48
Ideal mis-aligned: Exec. Time = 26618750504; CPI = 3.94

Memory level: L1i
  Hits   = 11006133158  [96.03%]
  Misses =   455112931  [3.97%]
  Total  = 11461246089
  Kickouts = 455112675, Dirty kickouts = 0, Transfers = 455112931

Memory level: L1d
  Hits   = 5562301532  [93.82%]
  Misses =  366590084  [6.18%]
  Total  = 5928891616
  Kickouts = 366589828, Dirty kickouts = 162590750, Transfers = 366590084

Memory level: L2
  Hits   =  643964024  [65.42%]
  Misses =  340329741  [34.58%]
  Total  =  984293765
  Kickouts = 340329229, Dirty kickouts = 83598965, Transfers = 340329741

Cost analysis:
  L1i cache cost = $200
  L1d cache cost = $200
  L2  cache cost = $50
  Memory cost    = $75
  Total cost     = $525
```