```
--------------------------------------------------------------------------
        omnetpp-L1d-small      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  =  49070242502  [46.99%]
  Cycles for writes =  10633561033  [10.18%]
  Cycles for inst   =  44716782979  [42.82%]
  Total time        =  104420586514


Average cycles per activity:
  Read  = 24.42
  Write = 8.59
  Inst  = 6.62
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   =  5423480899  [91.48%]
  Misses =   505410717  [8.52%]
  Total  =  5928891616
  Kickouts = 505410589, Dirty kickouts = 217210609, Transfers = 505410717


Memory level: L2
  Hits   =   814325803  [69.14%]
  Misses =   363408454  [30.86%]
  Total  =  1177734257
  Kickouts = 363407942, Dirty kickouts = 87599940, Transfers = 363408454


Cost analysis:
  L1i cache cost = $200
  L1d cache cost = $100
  L2  cache cost = $50
  Memory cost    = $75
  Total cost     = $425
```