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LAMPIRAN

Perhitungan Shift-Share

A. Perhitungan Data pada Sektor Pertanian

1. Tahun 1993-2002

$$r_{ij} = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{731.574 - 567.742}{567.742} = 0,288567694$$

$$r_{in} = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{7.666.223 - 9.107.764}{9.107.764} = -0,158276059$$

$$r_n = \frac{Y^*_n - Y_n}{Y_n} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$N_{ij} = Y_{ij} \cdot r_n = 567.742 \times 0,114148059 = 64.806,65$$

$$M_{ij} = Y_{ij}(r_{in} - r_n) = 567.742 \{(-0,158276059) - 0,114148059\} \\ = 25.053,32$$

$$C_{ij} = Y_{ij}(r_{ij} - r_{in}) = 567.742(0,288567694 - (-0,158276059)) \\ = 253.691,96$$

$$D_{ij} = N_{ij} + M_{ij} + C_{ij} = 64.806,65 + 25.053,32 + 253.691,96 = 343.551,93$$

2. Tahun 1994

$$r_{ij} = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{602.717 - 567.742}{567.742} = 0,061603686$$

$$r_{in} = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{8.989.698 - 9.107.764}{9.107.764} = -0,012963225$$

$$r_n = \frac{Y^*_n - Y_n}{Y_n} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$N_{ij} = Y_{ij} \cdot r_n = 567.742 \times 0,071995857 = 40.875,07$$

$$M_{ij} = Y_{ij}(r_{in} - r_n) = 567.742 \{(-0,012963225) - 0,071995857\} \\ = -48.234,84$$

$$C_{ij} = Y_{ij}(r_{ij} - r_{in}) = 567.742(0,061603638 - (-0,012963225)) \\ = 42.334,74$$

$$D_{ij} = N_{ij} + M_{ij} + C_{ij} = 40.875,07 + (-48.234,84) + 42.334,74 = 34.974,97$$

3. Tahun 1995

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{639.748 - 602.717}{602.717} = 0,061440112$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{9.350.686 - 8.989.698}{8.989.698} = 0,040155742$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Y_{ij}.rn = 602.717 \times 0,080729993 = 48.657,34$$

$$Mij = Y_{ij}(rin - rn) = 602.717(0,040155742 - 0,080719993) \\ = -24.454,79$$

$$Cij = Y_{ij}(rij - rin) = 602.717(0,061440112 - 0,040155742) \\ = 12.828,45$$

$$Dij = Nij + Mij + Cij = 48.657,34 + (-24.454,79) + 12.828,45 = 37,031$$

4. Tahun 1996

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{677.066 - 639.748}{639.748} = 0,058332343$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{9.383.964 - 9.350.686}{9.350.686} = 0,003558883$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Y_{ij}.rn = 639.748 \times 0,080509556 = 51.505,83$$

$$Mij = Y_{ij}(rin - rn) = 639.748(0,003558883 - 0,080509556) \\ = -49.229,04$$

$$Cij = Y_{ij}(rij - rin) = 639.748(0,058332343 - 0,003558883) \\ = 35.041,21$$

$$Dij = Nij + Mij + Cij = 51.505,83 + (-49.229) + 35.041,21 = 37.318,04$$

5. Tahun 1997

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{683.588 - 677.066}{677.066} = 0,009632738$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{8.675.504 - 9.383.964}{9.383.964} = -0,075496879$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Y_{ij}.rn = 677.066 \times 0,05993017 = 40.576,68$$

$$Mij = Y_{ij}(rin - rn) = 677.066\{(-0,075496879) - 0,05993017\} \\ = -91.693,05$$

$$Cij = Y_{ij}(rij - rin) = 677.066(0,009632738 - (-0,075496879)) \\ = 57.638,36$$

$$Dij = Nij + Mij + Cij = 40.576,68 + (-91.693,05) + 57.638,36 = 6.521,99$$

6. Tahun 1998

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{674.626 - 683.588}{683.588} = -0,013110235$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{8.013.996 - 8.675.504}{8.675.504} = -0,076250094$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Y_{ij}.rn = 683.588 \times (-0,177745902) = -121.504,97$$

$$Mij = Y_{ij}(rin - rn) = 683.588\{(-0,076250094) - (-0,177745902)\} \\ = 69.381,32$$

$$Cij = Y_{ij}(rij - rin) = 683.588\{(-0,013110235) - (-0,076250094)\} \\ = 43.161,64$$

$$Dij = Nij + Mij + Cij = (-121.504,97) + 69.381,32 + 43.161,64 = -8.962,01$$

7. Tahun 1999

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{691.916 - 674.626}{674.626} = 0,025629015$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{9.098.516 - 8.013.996}{8.013.996} = 0,135328243$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Yij.rn = 674.626 \times 0,022989186 = 15.509,10$$

$$Mij = Yij(rin - rn) = 674.626(0,135328243 - 0,022989186) \\ = 75.786,85$$

$$Cij = Yij(rij - rin) = 674.626(0,025629015 - 0,135328243) \\ = -74.234,55$$

$$Dij = Nij + Mij + Cij = 15.509,10 + 75.786,85 + (-74.234,55) = 17.061,4$$

8. Tahun 2000

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{710.404 - 691.916}{691.916} = 0,026720006$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{9.422.440 - 9.098.516}{9.098.516} = 0,035601849$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Yij.rn = 691.916 \times 0,04898406 = 33.892,85$$

$$Mij = Yij(rin - rn) = 691.916(0,035601849 - 0,04898406) \\ = -9.259,36$$

$$Cij = Yij(rij - rin) = 691.916(0,026720006 - 0,035601849) \\ = -6.145,48$$

$$Dij = Nij + Mij + Cij = 33.892,85 + (-9.259,36) + (-6.145,48) = 18.488,01$$

9. Tahun 2001

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{715.732 - 710.404}{710.404} = 0,007499957$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{8.087.029 - 9.442.440}{9.442.440} = -0,143544571$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Y_{ij}.rn = 710.404 \times (-0,084889511) = -60.305,85$$

$$Mij = Y_{ij}(rin - rn) = 710.404\{(-0,143544571) - (-0,084889511)\} \\ = -41.668,79$$

$$Cij = Y_{ij}(rij - rin) = 710.404\{0,007499957 - (-0,143544571)\} \\ = 107.302,63$$

$$Dij = Nij + Mij + Cij = (-60.305,85) + (-41.668,79) + 107.302,63 = 5.327,99$$

10. Tahun 2002

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{731.574 - 715.732}{715.732} = 0,022133983$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{7.666.223 - 8.087.029}{8.087.029} = -0,052034684$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Y_{ij}.rn = 715.732 \times 0,039937449 = 28.584,51$$

$$Mij = Y_{ij}(rin - rn) = 715.732\{(-0,052034684) - 0,039937449\} \\ = -65.827,40$$

$$Cij = Y_{ij}(rij - rin) = 715.732(0,022133983 - (-0,052034684)) \\ = 53.084,88$$

$$Dij = Nij + Mij + Cij = 28.584,51 + (-65.827,40) + 53.084,88 = 15.841,99$$

B. Perhitungan Data pada Sektor Penggalan

1. Tahun 1993-2002

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{9.880 - 1.696}{1.696} = 4,825471698$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{3.126.111 - 3.761.707}{3.761.707} = -0,168964781$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij.rn = 1.696 \times 0,114148059 = 193,59$$

$$Mij = Yij(rin - rn) = 1.696\{(-0,168964781) - 0,114148059\} \\ = -480,16$$

$$Cij = Yij(rij - rin) = 1.696(4,825471698 - (-0,168964781)) \\ = 8.470,56$$

$$Dij = Nij + Mij + Cij = 193,59 + (-480,16) + 8.470,56 = 8.183,99$$

2. Tahun 1994

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{1.727 - 1.696}{1.696} = 0,018278301$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{3.538.119 - 3.761.707}{3.761.707} = -0,059437909$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij.rn = 1.696 \times 0,071995857 = 122,10$$

$$Mij = Yij(rin - rn) = 1.696\{(-0,059437909) - 0,071995857\} \\ = -222,91$$

$$Cij = Yij(rij - rin) = 1.696(0,018278301 - (-0,059437909)) \\ = 131,80$$

$$Dij = Nij + Mij + Cij = 122,10 + (-222,91) + 131,80 = 30,99$$

3. Tahun 1995

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{1.952 - 1.727}{1.727} = 0,130283729$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.464.618 - 3.538.119}{3.538.119} = -0,020774032$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Yij.rn = 1.727 \times 0,080729993 = 139,42$$

$$Mij = Yij(rin - rn) = 1.727 \{ (-0,020774032) - 0,080729993 \} \\ = -175,30$$

$$Cij = Yij(rij - rin) = 1.727(0,130283729 - (-0,020774032)) \\ = 260,87$$

$$Dij = Nij + Mij + Cij = 139,42 + (-175,30) + 260,87 = 224,99$$

4. Tahun 1996

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{2.194 - 1.952}{1.952} = 0,123975409$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.588.869 - 3.464.618}{3.464.618} = 0,035862828$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Yij.rn = 1.952 \times 0,080509556 = 157,15$$

$$Mij = Yij(rin - rn) = 1.952(0,035862828 - 0,080509556) \\ = -87,15$$

$$Cij = Yij(rij - rin) = 1.952(0,123975409 - 0,035862828) \\ = 171,99$$

$$Dij = Nij + Mij + Cij = 157,15 + (-87,15) + 171,99 = 241,99$$

5. Tahun 1997

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{2.449 - 2.194}{2.194} = 0,116226071$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.624.037 - 3.588.869}{3.588.869} = 0,009799187$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Yij.rn = 2.194 \times 0,05993017 = 131,49$$

$$Mij = Yij(rin - rn) = 2.194(0,009799187 - 0,05993017) \\ = -109,99$$

$$Cij = Yij(rij - rin) = 2.194(0,116226071 - 0,009799187) \\ = 233,50$$

$$Dij = Nij + Mij + Cij = 131,49 + (-109,99) + 233,50 = 255$$

6. Tahun 1998

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{1.622 - 2.449}{2.449} = -0,337688852$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.912.315 - 3.624.037}{3.624.037} = -0,196389275$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Yij.rn = 2.449 \times (-0,177745902) = -435,29$$

$$Mij = Yij(rin - rn) = 2.449\{(-0,196389275) - (-0,177745902)\} \\ = -45,66$$

$$Cij = Yij(rij - rin) = 2.449\{(-0,337688852) - (-0,196389275)\} \\ = -346,04$$

$$Dij = Nij + Mij + Cij = (-435,29) + (-45,66) + (-346,04) = -844,89$$

7. Tahun 1999

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{1.464 - 1.622}{1.622} = -0,097410604$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.142.073 - 2.912.315}{2.912.315} = -0,264477572$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Y_{ij}.rn = 1.622 \times 0,022989186 = 37,29$$

$$Mij = Y_{ij}(rin - rn) = 1.622 \{(-0,264477572) - 0,022989186\} \\ = -466,27$$

$$Cij = Y_{ij}(rij - rin) = 1.622 \{(-0,097410604) - (-0,264477572)\} \\ = 270,98$$

$$Dij = Nij + Mij + Cij = 37,29 + (-466,27) + 270,98 = -158$$

8. Tahun 2000

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{1.483 - 1.464}{1.464} = 0,012978142$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.071.578 - 2.142.073}{2.142.073} = -0,032909709$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Y_{ij}.rn = 1.464 \times 0,04898406 = 71,71$$

$$Mij = Y_{ij}(rin - rn) = 1.464 \{(-0,032909709) - 0,04898406\} \\ = -52,71$$

$$Cij = Y_{ij}(rij - rin) = 1.464(0,012978142 - (-0,032909709)) \\ 67,17$$

$$Dij = Nij + Mij + Cij = 71,71 + (-52,71) + 67,17 = 86,17$$

9. Tahun 2001

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{9.721 - 1.483}{1.483} = 5,55495617$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.237.481 - 2.071.578}{2.071.578} = 0,562809124$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Yij.rn = 1.483(-0,084889511) = -125,89$$

$$Mij = Yij(rin - rn) = 1.483\{0,562809124 - (-0,084889511)\} \\ = 960,54$$

$$Cij = Yij(rij - rin) = 1.483\{5,55495617 - 0,562809124\} \\ = 7.403,35$$

$$Dij = Nij + Mij + Cij = (-125,89) + 960,54 + 7.403,35 = 8238,00$$

10. Tahun 2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{9.880 - 9.721}{9.721} = 0,016356341$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.126.111 - 3.237.481}{3.237.481} = -0,034400201$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Yij.rn = 9.721 \times 0,039937449 = 388,23$$

$$Mij = Yij(rin - rn) = 9.721\{-0,034400201 - 0,039937449\} \\ = -722,64$$

$$Cij = Yij(rij - rin) = 9.721(0,016356341 - (-0,034400201)) \\ = 493,40$$

$$Dij = Nij + Mij + Cij = 388,23 + (-722,64) + 493,40 = 158,99$$

C. Perhitungan Data pada Sektor Industri Pengolahan

1. Tahun 1993-2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{92.832 - 110.409}{110.409} = -0,159198978$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{23.631.807 - 15.948.243}{15.948.243} = 0,481781221$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij \cdot rn = 110.409 \times 0,114148059 = 12.602,97$$

$$Mij = Yij(rin - rn) = 110.409(0,481781221 - 0,114148059) \\ = 40.590,01$$

$$Cij = Yij(rij - rin) = 110.409\{-0,159198978 - 0,481781221\} \\ = -70.769,98$$

$$Dij = Nij + Mij + Cij = 12.602,97 + 40.590,01 + -70.769,98 = -17.577$$

2. Tahun 1994

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{115.384 - 110.409}{110.409} = 0,045059732$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{18.142.182 - 15.948.234}{15.948.234} = 0,137566188$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij \cdot rn = 110.409 \times 0,071995857 = 7.948,99$$

$$Mij = Yij(rin - rn) = 110.409(0,137566188 - 0,071995857) \\ = 7.239,55$$

$$Cij = Yij(rij - rin) = 110.409(0,045059732 - 0,137566188) \\ = 10.213,54$$

$$Dij = Nij + Mij + Cij = 7.948,99 + 7.239,55 + 10.213,54 = 25.402,08$$

3. Tahun 1995

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{121.446 - 115.384}{115.384} = 0,052537613$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{20.810.291 - 18.142.182}{18.142.182} = 0,147066598$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Yij.rn = 115.384 \times 0,080729993 = 9.314,95$$

$$Mij = Yij(rin - rn) = 115.384(0,147066598 - 0,080729993) \\ = 7.654,18$$

$$Cij = Yij(rij - rin) = 115.384(0,052537613 - 0,147066598) \\ = -10.907,13$$

$$Dij = Nij + Mij + Cij = 9.314,95 + 7.654,18 + (-10.907,13) = 6.062,00$$

4. Tahun 1996

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{127.895 - 121.446}{121.446} = 0,05310179$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{23.411.801 - 20.810.291}{20.810.291} = 0,125010745$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Yij.rn = 121.446 \times 0,080509556 = 9.777,56$$

$$Mij = Yij(rin - rn) = 121.446(0,125010745 - 0,080509556) \\ = 5.404,49$$

$$Cij = Yij(rij - rin) = 121.446(0,05310179 - 0,125010745) \\ = -8.733,05$$

$$Dij = Nij + Mij + Cij = 9.777,56 + 5.404,49 + (-8.733,05) = 6.449,00$$

5. Tahun 1997

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{127.382 - 127.895}{127.895} = -0,004011102$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{26.310.836 - 23.411.801}{23.411.801} = 0,123827936$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Y_{ij}.rn = 127.895 \times 0,05993017 = 7.664,77$$

$$Mij = Y_{ij}(rin - rn) = 127.895(0,123827936 - 0,05993017) \\ = 8.172,20$$

$$Cij = Y_{ij}(rij - rin) = 127.895\{-0,004011102 - 0,123827936\} \\ = -16.349,97$$

$$Dij = Nij + Mij + Cij = 7.664,77 + 8.172,20 + (-16.349,97) = -513,00$$

6. Tahun 1998

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{90.775 - 127.382}{127.382} = -0,287379692$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{20.913.548 - 26.310.836}{26.310.836} = -0,205135557$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Y_{ij}.rn = 127.382(-0,177745902) = -22.641,63$$

$$Mij = Y_{ij}(rin - rn) = 127.382\{-0,205135557 - (-0,177745902)\} \\ = -3.448,95$$

$$Cij = Y_{ij}(rij - rin) = 127.382\{-0,287379692 - (-0,205135557)\} \\ = -10.476,42$$

$$Dij = Nij + Mij + Cij = (-22.641,63) + (-3.448,95) + (-10.476,42) = -36.567,00$$

7. Tahun 1999

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{87.289 - 90.775}{90.775} = -0,038402643$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{21.029.934 - 20.913.548}{20.913.548} = 0,0055651$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Yij \cdot rn = 90.775 \times 0,022989186 = 2.086,84$$

$$Mij = Yij(rin - rn) = 90.775(0,0055651 - 0,022989186) \\ = -1.581,67$$

$$Cij = Yij(rij - rin) = 90.775\{(-0,038402643) - 0,0055651\} \\ = -3.991,17$$

$$Dij = Nij + Mij + Cij = 2.086,84 + (-1.581,67) + (-3.991,17) = -3.486,00$$

8. Tahun 2000

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{89.728 - 87.289}{87.289} = 0,027941665$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{22.189.452 - 21.029.934}{21.029.934} = 0,055136549$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Yij \cdot rn = 87.289 \times 0,04898406 = 4.275,77$$

$$Mij = Yij(rin - rn) = 87.289(0,055136549 - 0,04898406) \\ = 537,04$$

$$Cij = Yij(rij - rin) = 87.289(0,027941665 - 0,055136549) \\ = -2.373,81$$

$$Dij = Nij + Mij + Cij = 4.275,77 + 537,04 + (-2.373,81) = 2.439,00$$

9. Tahun 2001

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{91.533 - 89.728}{89.728} = 0,020116351$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{22.908.171 - 22.189.452}{22.189.452} = 0,032390119$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Yij.rn = 89.728(-0,084889511) = -7.616,97$$

$$Mij = Yij(rin - rn) = 89.728\{0,032390119 - (-0,084889511)\} \\ = 10.523,27$$

$$Cij = Yij(rij - rin) = 89.728\{0,20116351 - 0,032390119\} \\ = 15.143,69$$

$$Dij = Nij + Mij + Cij = (-7.616,97) + 10.523,27 + 15.143,69 = 18.049,99$$

10. Tahun 2002

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{92.832 - 91.533}{97.832} = 0,014191603$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{23.631.807 - 22.908.171}{22.908.171} = 0,031588554$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Yij.rn = 91.533 \times 0,039937449 = 3.655,59$$

$$Mij = Yij(rin - rn) = 91.533(0,031588554 - 0,039937449) \\ = -764,19$$

$$Cij = Yij(rij - rin) = 91.533(0,014191603 - 0,031588554) \\ = -1.592,39$$

$$Dij = Nij + Mij + Cij = 3.655,59 + (-764,19) + (-1.592,39) = 1.309,01$$

D. Perhitungan Data pada Sektor Listrik dan Air Bersih

1. Tahun 1993-2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{18.890 - 4.483}{4.483} = 3,213696186$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.072.936 - 1.169.776}{1.169.776} = 0,77207944$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij.rn = 4.483 \times 0,114148059 = 511,72$$

$$Mij = Yij(rin - rn) = 4.483(0,77207944 - 0,114148059) = 2.949,51$$

$$Cij = Yij(rij - rin) = 4.483(3,213696186 - 0,77207944) = 10.945,76$$

$$Dij = Nij + Mij + Cij = 511,72 + 2.949,51 + 10.945,76 = 14.406,99$$

2. Tahun 1994

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{5.151 - 4.483}{4.483} = 0,149007361$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{1.303.723 - 1.169.776}{1.169.776} = 0,114506538$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij.rn = 4.483 \times 0,071995857 = 322,76$$

$$Mij = Yij(rin - rn) = 4.483(0,114506538 - 0,071995857) = 190,57$$

$$Cij = Yij(rij - rin) = 4.483(0,149007361 - 0,114506538) = 154,66$$

$$Dij = Nij + Mij + Cij = 322,76 + 190,57 + 154,66 = 667,99$$

3. Tahun 1995

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{6.559 - 5.151}{5.151} = 0,273344981$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{1.390.037 - 1.303.723}{1.303.723} = 0,066205781$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Yij \cdot rn = 5.151 \times 0,080729993 = 415,84$$

$$Mij = Yij(rin - rn) = 5.151(0,066205781 - 0,080729993) \\ = -74,81$$

$$Cij = Yij(rij - rn) = 5.151(0,273344981 - 0,066205781) \\ = 1.066,97$$

$$Dij = Nij + Mij + Cij = 415,84 + (-74,81) + 1.066,97 = 1.408,00$$

4. Tahun 1996

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{9.102 - 6.559}{6.559} = 0,387711541$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{1.633.677 - 1.390.037}{1.390.037} = 0,196858069$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Yij \cdot rn = 6.559 \times 0,080509556 = 528,06$$

$$Mij = Yij(rin - rn) = 6.559(0,196858069 - 0,080509556) \\ = 763,13$$

$$Cij = Yij(rij - rin) = 6.559(0,387711541 - 0,196858069) \\ = 1.251,80$$

$$Dij = Nij + Mij + Cij = 528,06 + 763,13 + 1.251,80 = 2.596,99$$

5. Tahun 1997

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{9.881 - 9.102}{9.102} = 0,085585585$$

$$rin = \frac{Y * m - Yin}{Yin} = \frac{1.859.827 - 1.633.677}{1.633.677} = 0,138430056$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Yij \cdot rn = 9.102 \times 0,05993017 = 545,48$$

$$Mij = Yij(rin - rn) = 9.102(0,138430056 - 0,05993017) \\ = 714,50$$

$$Cij = Yij(rij - rin) = 9.102(0,085585585 - 0,138430056) \\ = -480,99$$

$$Dij = Nij + Mij + Cij = 545,48 + 714,50 + -480,99 = 778,99$$

6. Tahun 1998

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{10.977 - 9.881}{9.881} = 0,110919947$$

$$rin = \frac{Y * m - Yin}{Yin} = \frac{1.816.765 - 1.859.827}{1.859.827} = -0,023153766$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Yij \cdot rn = 9.881(-0,177745902) = -1.756,31$$

$$Mij = Yij(rin - rn) = 9.881\{-0,023153766 - (-0,177745902)\} \\ = 1.527,52$$

$$Cij = Yij(rij - rin) = 9.881\{0,110919947 - (-0,023153766)\} \\ = 1.324,78$$

$$Dij = Nij + Mij + Cij = (-1.756,31) + 1.527,52 + 1.324,78 = 1.095,99$$

7. Tahun 1999

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{12.373 - 10.977}{10.977} = 0.127175002$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.046.564 - 1.816.765}{1.816.765} = 0,126488015$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Y_{ij} \cdot rn = 10.977 \times 0,022989186 = 252,35$$

$$Mij = Y_{ij}(rin - rn) = 10.977(0,126488015 - 0,022989186) \\ = 1.136,11$$

$$Cij = Y_{ij}(rij - rin) = 10.977(0,127175002 - 0,126488015) \\ = 7,54$$

$$Dij = Nij + Mij + Cij = 252,35 + 1.136,11 + 7,54 = 1.396,00$$

8. Tahun 2000

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{14.792 - 12.373}{12.373} = 0,195506344$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.432.778 - 2.046.564}{2.046.564} = 0,188713375$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Y_{ij} \cdot rn = 12.373 \times 0,04898406 = 606,07$$

$$Mij = Y_{ij}(rin - rn) = 12.373(0,188713375 - 0,04898406) \\ = 1.728,87$$

$$Cij = Y_{ij}(rij - rin) = 12.373(0,195506344 - 0,188713375) \\ = 84,04$$

$$Dij = Nij + Mij + Cij = 606,07 + 1.728,87 + 84,04 = 2.418,98$$

9. Tahun 2001

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{17.804 - 14.792}{14.792} = 0,20362358$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{1.919.108 - 2.432.778}{2.432.778} = -0,211145447$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Yij.rn = 14.702 \times (-0,084889511) = -1.255,68$$

$$Mij = Yij(rin - rn) = 14.702 \{(-0,211145447) - (-0,084889511)\} \\ = -1.867,58$$

$$Cij = Yij(rij - rin) = 14.702 \{0,20362358 - (-0,211145447)\} \\ = 6.097,93$$

$$Dij = Nij + Mij + Cij = (-1.255,68) + (-1.867,58) + 6.097,93 = 2.974,67$$

10. Tahun 2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{18.890 - 17.804}{17.804} = 0,060997528$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.072.936 - 1.919.108}{1.919.108} = 0,080155989$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Yij.rn = 17.804 \times 0,039937449 = 711,05$$

$$Mij = Yij(rin - rn) = 17.804(0,080155989 - 0,039937449) \\ = 716,05$$

$$Cij = Yij(rij - rin) = 17.804(0,060997528 - 0,080155989) \\ = -341,09$$

$$Dij = Nij + Mij + Cij = 711,05 + 716,05 + (-341,09) = 1.086,01$$

E. Perhitungan Data pada Sektor Bangunan / Konstruksi

1. Tahun 1993-2002

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{67.988 - 71.079}{71.079} = -0,043486824$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{2.032.148 - 3.220.480}{3.220.480} = -0,368992199$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij \cdot rn = 71.079 \times 0,114148059 = 8.113,53$$

$$Mij = Yij(rin - rn) = 71.079\{-0,368992199 - 0,114148059\} \\ = -34.341,13$$

$$Cij = Yij(rij - rin) = 71.079\{-0,043486824 - (-0,368992199)\} \\ = 23.136,59$$

$$Dij = Nij + Mij + Cij = 8.113,53 + (-34.341,13) + 23.136,59 = -3.091,01$$

2. Tahun 1994

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{75.712 - 71.079}{71.079} = 0,065180995$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{3.558.630 - 3.220.480}{3.220.480} = 0,104999875$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij \cdot rn = 71.079 \times 0,071995857 = 5.117,39$$

$$Mij = Yij(rin - rn) = 71.079(0,104999875 - 0,071995857) \\ = 2.354,89$$

$$Cij = Yij(rij - rin) = 71.079(0,065180995 - 0,104999875) \\ = -2.830,28$$

$$Dij = Nij + Mij + Cij = 5.117,39 + 2.354,89 + (-2.830,28) = 4.642,00$$

3. Tahun 1995

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{83.490 - 75.712}{75.712} = 0,102731403$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{3.847.812 - 3.558.630}{3.558.630} = 0,081262171$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Yij.rn = 75.712 \times 0,080729993 = 6.112,23$$

$$Mij = Yij(rin - rn) = 75.712(0,081262171 - 0,080729993) \\ = 40,29$$

$$Cij = Yij(rij - rin) = 75.712(0,102731403 - 0,081262171) \\ = 1.625,47$$

$$Dij = Nij + Mij + Cij = 6.112,23 + 40,29 + 1.625,47 = 7.777,99$$

4. Tahun 1996

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{93.116 - 83.490}{83.490} = 0,115894119$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{4.298.221 - 3.847.812}{3.847.812} = 0,117055847$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Yij.rn = 83.490 \times 0,080509556 = 6.721,74$$

$$Mij = Yij(rin - rn) = 83.490(0,117055847 - 0,080509556) \\ = 3.051,25$$

$$Cij = Yij(rij - rin) = 83.490(0,115894119 - 0,117055847) \\ = -96,99$$

$$Dij = Nij + Mij + Cij = 6.721,74 + 3.051,25 + (-96,99) = 9.676,00$$

5. Tahun 1997

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{97.307 - 93.116}{93.116} = 0,044447545$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{4.202.306 - 4.298.221}{4.298.221} = -0,022315046$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Y_{ij}.rn = 93.116 \times 0,05993017 = 5.583,45$$

$$Mij = Y_{ij}(rin - rn) = 93.116 \{(-0,022315046) - 0,05993017\} \\ = -7.662,46$$

$$Cij = Y_{ij}(rij - rn) = 93.116(0,044447545 - (-0,022315046)) \\ = 6.216,66$$

$$Dij = Nij + Mij + Cij = 5.583,45 + (-7.662,45) + 6.216,66 = 4.137,66$$

6. Tahun 1998

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{62.201 - 97.307}{97.307} = -0,360775689$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.262.253 - 4.202.306}{4.202.306} = -0,461663905$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Y_{ij}.rn = 97.307(-0,177745902) = -17.295,92$$

$$Mij = Y_{ij}(rin - rn) = 97.307 \{(-0,461663905) - (-0,177745902)\} \\ = -27.627,21$$

$$Cij = Y_{ij}(rij - rn) = 97.307 \{(-0,360775689) - (-0,461663905)\} \\ = 9.817,12$$

$$Dij = Nij + Mij + Cij = (-17.295,92) + (-27.627,21) + 9.817,12 = -35.106,01$$

7. Tahun 1999

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{60.564 - 62.201}{62.201} = -0,026317904$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{2.210.240 - 2.262.253}{2.262.253} = -0,022991681$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Yij.rn = 62.201 \times 0,022989186 = 1.429,95$$

$$Mij = Yij(rin - rn) = 97.307 \{(-0,022991681) - 0,022989186\} \\ = -2.860,05$$

$$Cij = Yij(rij - rin) = 97.307 \{(-0,026317904) - (-0,022991681)\} \\ = -323,66$$

$$Dij = Nij + Mij + Cij = 1.429,95 + (-2.860,05) + (-3.23,66) = -1.753,76$$

8. Tahun 2000

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{61.927 - 60.564}{60.564} = 0,022505118$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{2.408.267 - 2.210.240}{2.210.240} = 0,089595247$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Yij.rn = 60.564 \times 0,04898406 = 2.966,67$$

$$Mij = Yij(rin - rn) = 60.564(0,089595247 - 0,04898406) \\ = 2.459,57$$

$$Cij = Yij(rij - rin) = 60.564(0,022505118 - 0,089595247) \\ = -4.063,24$$

$$Dij = Nij + Mij + Cij = 2.966,67 + 2.459,57 + (-4.063,24) = 1.363,00$$

9. Tahun 2001

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{62.547 - 61.927}{61.927} = 0,010011788$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{1.875.250 - 2.408.267}{2.408.267} = -0,221328033$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Yij.rn = 61.927(-0,084889511) = -5.256,95$$

$$Mij = Yij(rin - rn) = 61.927\{(-0,221328033) - (-0,084889511)\} \\ = -8.449,23$$

$$Cij = Yij(rij - rin) = 61.927\{0,010011788 - (-0,221328033)\} \\ = 14.326,18$$

$$Dij = Nij + Mij + Cij = (-5.256,95) + (-8.449,23) + 14.326,18 = 620,00$$

10. Tahun 2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{67.988 - 62.547}{62.547} = 0,086990583$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.032.148 - 1.875.250}{1.875.250} = 0,083667777$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Yij.rn = 62.547 \times 0,039937449 = 2.497,97$$

$$Mij = Yij(rin - rn) = 62.547(0,083667777 - 0,039937449) \\ = 2.735,20$$

$$Cij = Yij(rij - rin) = 62.547(0,086990583 - 0,083667777) \\ = 207,83$$

$$Dij = Nij + Mij + Cij = 2.497,97 + 2.735,20 + 207,83 = 5.441,00$$

F. Perhitungan Data pada Sektor Perdagangan , Hotel, dan Restoran

1. Tahun 1993-2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{574.767 - 379.317}{379.317} = 0,515268232$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{10.308.097 - 9.919.222}{9.919.222} = 0,039204183$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij.rn = 379.317 \times 0,114148059 = 43.298,29$$

$$Mij = Yij(rin - rn) = 379.317(0,039204183 - 0,114148059) \\ = -28.427,49$$

$$Cij = Yij(rij - rin) = 379.317(0,515268232 - 0,039204183) \\ = 180.579,18$$

$$Dij = Nij + Mij + Cij = 43.298,29 + (-28.427,49) + 180.579,18 = 195.449,98$$

2. Tahun 1994

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{402.055 - 379.317}{379.317} = 0,059944484$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{10.797.261 - 9.919.222}{9.919.222} = 0,088518938$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij.rn = 379.317 \times 0,071995857 = 27.309,25$$

$$Mij = Yij(rin - rn) = 379.317(0,088518938 - 0,071995857) \\ = 6.267,48$$

$$Cij = Yij(rij - rin) = 379.317(0,059944484 - 0,088518938) \\ = -10.838,77$$

$$Dij = Nij + Mij + Cij = 27.309,25 + 6.267,48 + (-10.838,77) = 22.737,96$$

3. Tahun 1995

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{432.075 - 402.055}{402.055} = 0,74666401$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{11.577.618 - 10.797.261}{10.797.261} = 0,072273607$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Yij.rn = 402.055 \times 0,080729993 = 32.457,89$$

$$Mij = Yij(rin - rn) = 402.055(0,072273607 - 0,080729993) \\ = -3.399,93$$

$$Cij = Yij(rij - rin) = 402.055(0,74666401 - 0,072273607) \\ = 271.142,03$$

$$Dij = Nij + Mij + Cij = 32.457,89 + (-3.399) + 271.142,03 = 300.200,92$$

4. Tahun 1996

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{456.825 - 432.075}{432.075} = 0,057281721$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{12.552.514 - 11.577.618}{11.577.618} = 0,084205231$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Yij.rn = 432.075 \times 0,080509556 = 34.786,17$$

$$Mij = Yij(rin - rn) = 432.075(0,084205231 - 0,080509556) \\ = 1.596,81$$

$$Cij = Yij(rij - rin) = 432.075(0,057281721 - 0,084205231) \\ = -11.632,97$$

$$Dij = Nij + Mij + Cij = 34.786,17 + 1.596,81 + (-11.632,97) = 24.75001$$

5. Tahun 1997

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{490.561 - 456.825}{456.825} = 0,073848848$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{13.511.208 - 12.552.514}{12.552.514} = 0,07637466$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Y_{ij}.rn = 456.825 \times 0,05993017 = 27.377,59$$

$$Mij = Y_{ij}(rin - rn) = 456.825(0,07637466 - 0,05993017) \\ = 7.512,25$$

$$Cij = Y_{ij}(rij - rin) = 456.825(0,073848848 - 0,07637466) \\ = -1.153,85$$

$$Dij = Nij + Mij + Cij = 27.377,59 + 7.512,25 + (-1.153,85) = 33.735,99$$

6. Tahun 1998

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{466.737 - 490.561}{490.561} = -0,089334455$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{11.565.563 - 13.511.208}{13.511.208} = -0,144002297$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Y_{ij}.rn = 490.561(-0,177745902) = -87.195,21$$

$$Mij = Y_{ij}(rin - rn) = 490.561\{(-0,144002297) - (-0,177745902)\} \\ = 16.553,29$$

$$Cij = Y_{ij}(rij - rin) = 490.561\{(-0,089334455) - (-0,144002297)\} \\ = 26.817,91$$

$$Dij = Nij + Mij + Cij = (-87.195,21) + 16.553,29 + 26.817,91 = -43.824,01$$

7. Tahun 1999

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{482.255 - 466.737}{466.737} = 0,033247846$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{11.968.042 - 11.565.563}{11.565.563} = 0,034799775$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Yij.rn = 466.737 \times 0,022989186 = 10.729,90$$

$$Mij = Yij(rin - rn) = 466.737(0,034799775 - 0,022989186) \\ = 5.512,44$$

$$Cij = Yij(rij - rin) = 466.737(0,033247846 - 0,034799775) \\ = -724,34$$

$$Dij = Nij + Mij + Cij = 10.729,90 + 5.512,44 + (-724,34) = 15.518,00$$

8. Tahun 2000

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{506.163 - 482.255}{482.255} = 0,049637639$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{12.268.739 - 11.968.042}{11.968.042} = 0,025124995$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Yij.rn = 482.255 \times 0,04898406 = 23.622,81$$

$$Mij = Yij(rin - rn) = 482.255(0,025124995 - 0,04898406) \\ = -11.506,15$$

$$Cij = Yij(rij - rin) = 482.255(0,049637639 - 0,025124995) \\ = 11.821,34$$

$$Dij = Nij + Mij + Cij = 23.622,81 + (-11.506,15) + 11.821,34 = 23.938,00$$

9. Tahun 2001

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{531.200 - 506.163}{506.163} = 0,049464303$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{9.499.500 - 12.268.739}{12.268.739} = -0,225715047$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Yij.rn = 506.163(-0,084889511) = -42.967,93$$

$$Mij = Yij(rin - rn) = 506.163\{(-0,225715047) - (-0,084889511)\} \\ = -71.280,67$$

$$Cij = Yij(rij - rin) = 506.163\{0,049464303 - (-0,225715047)\} \\ = 139.285,60$$

$$Dij = Nij + Mij + Cij = (-42.967,93) + (-71.280,67) + 139.285,60 = 25.037,00$$

10. Tahun 2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{574.767 - 531.200}{531.200} = 0,082016189$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{10.308.097 - 9.499.500}{9.499.500} = 0,085119953$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Yij.rn = 531.200 \times 0,039937449 = 21.214,77$$

$$Mij = Yij(rin - rn) = 531.200(0,085119953 - 0,039937449) \\ = 24.000,95$$

$$Cij = Yij(rij - rin) = 531.200(0,082016189 - 0,085119953) \\ = -1.648,71$$

$$Dij = Nij + Mij + Cij = 21.214,77 + 24.000,95 + (-1.648,71) = 43.567,01$$

G. Perhitungan Data pada Sektor Pengangkutan dan Komunikasi

1. Tahun 1993-2002

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{66.651 - 27.240}{27.240} = 1,446806167$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{3.220.583 - 3.080.943}{3.080.943} = 0,045323785$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij \cdot rn = 27.240 \times 0,114148059 = 3.109,39$$

$$Mij = Yij(rin - rn) = 27.240(0,045323785 - 0,114148059) \\ = -1.874,77$$

$$Cij = Yij(rij - rin) = 27.240(1,446806167 - 0,045323785) \\ = 38.176,38$$

$$Dij = Nij + Mij + Cij = 3.109,39 + (-1.874,77) + 38.176,38 = 39.411,00$$

2. Tahun 1994

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{29.459 - 27.240}{27.240} = 0,081461086$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{3.314.599 - 3.080.943}{3.080.943} = 0,075839118$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij \cdot rn = 27.240 \times 0,071995857 = 1.961,17$$

$$Mij = Yij(rin - rn) = 27.240(0,075839118 - 0,071995857) \\ = 104,69$$

$$Cij = Yij(rij - rin) = 27.240(0,081461086 - 0,075839118) \\ = 153,14$$

$$Dij = Nij + Mij + Cij = 1.961,17 + 104,69 + 153,14 = 2.219,00$$

3. Tahun 1995

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{34.426 - 29.459}{29.459} = 0,168607216$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{3.569.072 - 3.314.599}{3.314.599} = 0,076773389$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Y_{ij}.rn = 29.459 \times 0,080729993 = 2.378,22$$

$$Mij = Y_{ij}(rin - rn) = 29.459(0,076773389 - 0,080729993) \\ = -116,56$$

$$Cij = Y_{ij}(rij - rin) = 29.459(0,168607216 - 0,076773389) \\ = 2.705,33$$

$$Dij = Nij + Mij + Cij = 2.378,22 + (-116,56) + 2.705,33 = 4.966,99$$

4. Tahun 1996

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{42.678 - 34.426}{34.426} = 0,23970255$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{3.844.345 - 3.569.072}{3.569.072} = 0,077127331$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Y_{ij}.rn = 34.426 \times 0,080509556 = 2.771,62$$

$$Mij = Y_{ij}(rin - rn) = 34.426(0,077127331 - 0,080509556) \\ = -116,43$$

$$Cij = Y_{ij}(rij - rin) = 34.426(0,23970255 - 0,077127331) \\ = 5.596,81$$

$$Dij = Nij + Mij + Cij = 2.771,62 + (-116,43) + 5.596,81 = 8.252,00$$

5. Tahun 1997

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{45.672 - 42.678}{42.678} = 0,07015324$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.908.369 - 3.844.345}{3.844.345} = 0,016654072$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Yij.rn = 42.678 \times 0,05993017 = 2.557,69$$

$$Mij = Yij(rin - rn) = 42.678(0,016654072 - 0,05993017) \\ = -1.846,93$$

$$Cij = Yij(rij - rin) = 42.678(0,07015324 - 0,016654072) \\ = 2.283,23$$

$$Dij = Nij + Mij + Cij = 2.557,69 + (-1.846,93) + 2.283,23 = 2.993,99$$

6. Tahun 1998

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{48.359 - 45.672}{45.672} = 0,058832545$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.497.994 - 3.908.369}{3.908.369} = -0,104999041$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Yij.rn = 45.672(-0,177745902) = -8.118,01$$

$$Mij = Yij(rin - rn) = 45.672\{-0,104999041 - (-0,177745902)\} \\ = 3.322,49$$

$$Cij = Yij(rij - rin) = 45.672\{0,058832545 - (-0,104999041)\} \\ = 7.482,51$$

$$Dij = Nij + Mij + Cij = (-8.118,01) + 3.322,49 + 7.482,51 = 2.686,99$$

7. Tahun 1999

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{49.254 - 48.359}{48.359} = 0,018507413$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.555.871 - 3.497.994}{3.497.994} = 0,016545768$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Yij.rn = 48.359 \times 0,022989186 = 1.111,73$$

$$Mij = Yij(rin - rn) = 48.359(0,016545768 - 0,022989186) \\ = -311,59$$

$$Cij = Yij(rij - rin) = 48.359(0,018507413 - 0,016545768) \\ = 94,86$$

$$Dij = Nij + Mij + Cij = 1.111,73 + (-311,59) + 94,86 = 895,00$$

8. Tahun 2000

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{54.237 - 49.254}{49.254} = 0,101169448$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.957.045 - 3.555.871}{3.555.871} = 0,112820178$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Yij.rn = 49.254 \times 0,04898406 = 2.412,66$$

$$Mij = Yij(rin - rn) = 49.254(0,112820178 - 0,04898406) \\ = 3.144,18$$

$$Cij = Yij(rij - rin) = 49.254(0,101169448 - 0,112820178) \\ = -573,84$$

$$Dij = Nij + Mij + Cij = 2.412,66 + 3.144,18 + (-573,84) = 4.983,00$$

9. Tahun 2001

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{62.000 - 54.237}{54.237} = 0,143131072$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.890.102 - 3.957.045}{3.957.045} = -0,269631252$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Yij.rn = 54.237(-0,084889511) = -4.604,15$$

$$Mij = Yij(rin - rn) = 54.237\{(-0,269631252) - (-0,084889511)\} \\ = -10.019,84$$

$$Cij = Yij(rij - rin) = 54.237\{0,143131072 - (-0,269631252)\} \\ = 22.386,99$$

$$Dij = Nij + Mij + Cij = (-4.604,15) + (-10.019,84) + 22.386,99 = 7.763,00$$

10. Tahun 2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{66.651 - 62.000}{62.000} = 0,075016129$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.220.583 - 2.890.102}{2.890.102} = 0,114349251$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Yij.rn = 62.000 \times 0,039937449 = 2.476,12$$

$$Mij = Yij(rin - rn) = 62.000(0,114349251 - 0,039937449) \\ = 4.613,53$$

$$Cij = Yij(rij - rin) = 62.000(0,075016129 - 0,114349251) \\ = -2.438,65$$

$$Dij = Nij + Mij + Cij = 2.476,12 + 4.613,53 + (-2.438,65) = 4.651,00$$

H. Perhitungan Data pada Sektor Keuangan, Persewaan, dan Jasa Perusahaan

1. Tahun 1993-2002

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{29.813 - 30.501}{30.501} = -0,022556637$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.719.727 - 2.546.718}{2.546.718} = 0,067934101$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij.rn = 30.501 \times 0,114148059 = 3.481,63$$

$$Mij = Yij(rin - rn) = 30.501(0,067934101 - 0,114148059) \\ = -1.409,57$$

$$Cij = Yij(rij - rin) = 30.501\{-0,022556637 - 0,067934101\} \\ = -2.760,05$$

$$Dij = Nij + Mij + Cij = 3.481,63 + (-1.409,57) + (-2.760,05) = -687,99$$

2. Tahun 1994

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{31.482 - 30.501}{30.501} = 0,032162879$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.836.519 - 2.546.718}{2.546.718} = 0,11379391$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij.rn = 30.501 \times 0,071995857 = 2.195,94$$

$$Mij = Yij(rin - rn) = 30.501(0,11379391 - 0,071995857) \\ = 1.274,88$$

$$Cij = Yij(rij - rin) = 30.501(0,032162879 - 0,11379391) \\ = -2.489,82$$

$$Dij = Nij + Mij + Cij = 2.195,94 + 1.274,88 + (-2.489,82) = 981,00$$

3. Tahun 1995

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{33.429 - 31.482}{31.482} = 0,061844863$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{3.019.396 - 2.836.519}{2.836.519} = 0,064472333$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Y_{ij}.rn = 31.482 \times 0,080729993 = 2.541,54$$

$$Mij = Y_{ij}(rin - rn) = 31.482(0,064472333 - 0,080729993) \\ = -511,82$$

$$Cij = Y_{ij}(rij - rin) = 31.482(0,061844863 - 0,064472333) \\ = -82,71$$

$$Dij = Nij + Mij + Cij = 2.541,54 + (-511,82) + (-82,71) = 1.947,01$$

4. Tahun 1996

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{36.009 - 33.429}{33.429} = 0,077178497$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{3.157.865 - 3.019.396}{3.019.396} = 0,045859834$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Y_{ij}.rn = 33.429 \times 0,080509556 = 2.691,35$$

$$Mij = Y_{ij}(rin - rn) = 33.429(0,045859834 - 0,080509556) \\ = -1.158,30$$

$$Cij = Y_{ij}(rij - rin) = 33.429(0,077178497 - 0,045859834) \\ = 1.046,95$$

$$Dij = Nij + Mij + Cij = 2.691,35 + (-1.158,30) + 1.046,95 = 2.580,00$$

5. Tahun 1997

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{39.570 - 36.009}{36.009} = 0,098891943$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{3.666.643 - 3.157.865}{3.157.865} = 0,16111455$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Yij.rn = 36.009 \times 0,05993017 = 2.158,02$$

$$Mij = Yij(rin - rn) = 36.009(0,16111455 - 0,05993017) \\ = 3.643,55$$

$$Cij = Yij(rij - rin) = 36.009(0,098891943 - 0,16111455) \\ = -2.240,57$$

$$Dij = Nij + Mij + Cij = 2.158,02 + 3.643,55 + (-2.240,57) = 3.561,00$$

6. Tahun 1998

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{24.433 - 39.570}{39.570} = -0,382537275$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{2.189.229 - 3.666.643}{3.666.643} = -0,402933691$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Yij.rn = 39.570(-0,177745902) = -7.033,40$$

$$Mij = Yij(rin - rn) = 39.570\{(-0,402933691) - (-0,177745902)\} \\ = -8.910,68$$

$$Cij = Yij(rij - rin) = 39.570\{(-0,382537275) - (-0,402933691)\} \\ = 807,08$$

$$Dij = Nij + Mij + Cij = (-7.033,40) + (-8.910,68) + 807,08 = -15.137,00$$

7. Tahun 1999

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{24.457 - 24.433}{24.433} = 0,000982278$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{2.369.171 - 2.189.229}{2.189.229} = 0,082194233$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Yij.rn = 24.433 \times 0,022989186 = 561,69$$

$$Mij = Yij(rin - rn) = 24.433(0,082194233 - 0,022989186) \\ = 1.446,56$$

$$Cij = Yij(rij - rin) = 24.433(0,000982278 - 0,082194233) \\ = -1.984,25$$

$$Dij = Nij + Mij + Cij = 561,69 + 1.446,56 + (-1.984,25) = 24,00$$

8. Tahun 2000

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{26.562 - 24.457}{24.457} = 0,086069427$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{2.685.593 - 2.369.171}{2.369.171} = 0,133558109$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Yij.rn = 24.457 \times 0,04898406 = 1.198,01$$

$$Mij = Yij(rin - rn) = 24.457(0,133558109 - 0,04898406) \\ = 3.266,43$$

$$Cij = Yij(rij - rin) = 24.457(0,086069427 - 0,133558109) \\ = -1.161,43$$

$$Dij = Nij + Mij + Cij = 1.198,01 + 3.266,43 + (-1.161,43) = 3.303,01$$

9. Tahun 2001

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{28.697 - 26.562}{26.562} = 0,080377983$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.470.843 - 2.685.593}{2.685.593} = -0,079963717$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Y_{ij}.rn = 26.562(-0,084889511) = -2.254,83$$

$$Mij = Y_{ij}(rin - rn) = 26.562\{(-0,079963717) - (-0,084889511)\} \\ = 130,84$$

$$Cij = Y_{ij}(rij - rin) = 26.562\{0,080377983 - (-0,079963717)\} \\ = 4.258,99$$

$$Dij = Nij + Mij + Cij = (-2.254,83) + 130,84 + 4.258,99 = 2.135,00$$

10. Tahun 2002

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{29.813 - 28.697}{82.697} = 0,038889082$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{2.719.717 - 2.470.843}{2.470.843} = 0,1007283374$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Y_{ij}.rn = 28.697 \times 0,039937449 = 1.146,08$$

$$Mij = Y_{ij}(rin - rn) = 28.697(0,1007283374 - 0,039937449) \\ = 1.744,52$$

$$Cij = Y_{ij}(rij - rin) = 28.697(0,038889082 - 0,1007283374) \\ = -1.774,60$$

$$Dij = Nij + Mij + Cij = 1.146,08 + 1.744,52 + (-1.774,60) = 1.116,00$$

I. Perhitungan Data pada Sektor Jasa-jasa

1. Tahun 1993-2002

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{277.269 - 185.908}{185.908} = 0,491431245$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{5.319.150 - 5.184.820}{5.184.820} = 0,025908324$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{60.096.782 - 53.939.673}{53.939.673} = 0,114148059$$

$$Nij = Yij \cdot rn = 185.908 \times 0,114148059 = 21.221,03$$

$$Mij = Yij(rin - rn) = 185.908(0,025908324 - 0,114148059) \\ = -16.404,47$$

$$Cij = Yij(rij - rin) = 185.908(0,491431245 - 0,025908324) \\ = 86.544,43$$

$$Dij = Nij + Mij + Cij = 21.221,03 + (-16.404,47) + 86.544,43 = 91.360,99$$

2. Tahun 1994

$$rij = \frac{Y^*ij - Yij}{Yij} = \frac{189.898 - 185.908}{185.908} = 0,021462228$$

$$rin = \frac{Y^*in - Yin}{Yin} = \frac{5.342.375 - 5.184.820}{5.184.820} = 0,030387747$$

$$rn = \frac{Y^*n - Yn}{Yn} = \frac{57.823.106 - 53.939.673}{53.939.673} = 0,071995857$$

$$Nij = Yij \cdot rn = 185.908 \times 0,071995857 = 13.384,60$$

$$Mij = Yij(rin - rn) = 185.908(0,030387747 - 0,071995857) \\ = -7.735,28$$

$$Cij = Yij(rij - rin) = 185.908(0,021462228 - 0,030387747) \\ = -1.659,32$$

$$Dij = Nij + Mij + Cij = 13.384,60 + (-7.735,28) + (-1.659,32) = 3.990,00$$

3. Tahun 1995

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{199.877 - 189.898}{189.898} = 0,052549263$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{5.461.635 - 5.342.375}{5.342.375} = 0,022323404$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{62.491.165 - 57.823.106}{57.823.106} = 0,080729993$$

$$Nij = Y_{ij}.rn = 189.898 \times 0,080729993 = 15.330,46$$

$$Mij = Y_{ij}(rin - rn) = 189.898(0,022323404 - 0,080729993) \\ = -11.091,29$$

$$Cij = Y_{ij}(rij - rin) = 189.898(0,052549263 - 0,022323404) \\ = 5.739,83$$

$$Dij = Nij + Mij + Cij = 15.330,46 + (-11.091,29) + 5.739,83 = 9.979,00$$

4. Tahun 1996

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{213.794 - 199.877}{199.877} = 0,069627821$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{5.651.045 - 5.461.635}{5.461.635} = 0,034680091$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{67.522.301 - 62.491.165}{62.491.165} = 0,080509556$$

$$Nij = Y_{ij}.rn = 199.877 \times 0,080509556 = 16.092,01$$

$$Mij = Y_{ij}(rin - rn) = 199.877(0,034680091 - 0,080509556) \\ = -9.160,25$$

$$Cij = Y_{ij}(rij - rin) = 199.877(0,069627821 - 0,034680091) \\ = 6.985,24$$

$$Dij = Nij + Mij + Cij = 16.092,01 + (-9.160,25) + 6.985,24 = 13.917,00$$

5. Tahun 1997

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{226.007 - 213.794}{213.794} = 0,057125083$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{5.810.194 - 5.651.045}{5.651.045} = 0,028162755$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{71.568.924 - 67.522.301}{67.522.301} = 0,05993017$$

$$Nij = Yij.rn = 213.794 \times 0,05993017 = 12.812,71$$

$$Mij = Yij(rin - rn) = 213.794(0,028162755 - 0,05993017) \\ = -6.791,68$$

$$Cij = Yij(rij - rin) = 213.794(0,057125083 - 0,028162755) \\ = 6.191,97$$

$$Dij = Nij + Mij + Cij = 12.812,71 + (-6.791,68) + 6.191,97 = 12.213,00$$

6. Tahun 1998

$$rij = \frac{Y * ij - Yij}{Yij} = \frac{219.162 - 226.007}{226.007} = -0,030286672$$

$$rin = \frac{Y * in - Yin}{Yin} = \frac{5.676.177 - 5.810.194}{5.810.194} = -0,023065839$$

$$rn = \frac{Y * n - Yn}{Yn} = \frac{58.847.841 - 71.568.924}{71.568.924} = -0,177745902$$

$$Nij = Yij.rn = 226.007(-0,177745902) = -40.171,82$$

$$Mij = Yij(rin - rn) = 226.007\{(-0,023065839) - (-0,177745902)\} \\ = 34.958,78$$

$$Cij = Yij(rij - rin) = 226.007\{(-0,030286672) - (-0,023065839)\} \\ = -1.631,95$$

$$Dij = Nij + Mij + Cij = (-40.171,82) + 34.958,78 + (-1.631,95) = -6.844,99$$

7. Tahun 1999

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{225.715 - 219.162}{219.162} = 0,029900256$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{5.780.294 - 5.676.177}{5.676.177} = 0,018342803$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{60.200.705 - 58.847.841}{58.847.841} = 0,022989186$$

$$Nij = Y_{ij}.rn = 219.162 \times 0,022989186 = 5.038,35$$

$$Mij = Y_{ij}(rin - rn) = 219.162(0,018342803 - 0,022989186) \\ = -1.018,31$$

$$Cij = Y_{ij}(rij - rin) = 219.162(0,029900256 - 0,018342803) \\ = 2.532,95$$

$$Dij = Nij + Mij + Cij = 5.038,35 + (-1.018,31) + 2.532,95 = 6.552,99$$

8. Tahun 2000

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{237.217 - 225.715}{225.715} = 0,050958066$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{5.713.687 - 5.780.294}{5.780.294} = -0,011523116$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{63.149.580 - 60.200.705}{60.200.705} = 0,04898406$$

$$Nij = Y_{ij}.rn = 225.715 \times 0,04898406 = 11.056,43$$

$$Mij = Y_{ij}(rin - rn) = 225.715\{(-0,011523116) - 0,04898406\} \\ = -13.657,38$$

$$Cij = Y_{ij}(rij - rin) = 225.715(0,050958066 - (-0,011523116)) \\ = 14.102,94$$

$$Dij = Nij + Mij + Cij = 11.056,43 + (-13.657,38) + 14.102,94 = 11.501,99$$

9. Tahun 2001

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{269.306 - 237.217}{237.217} = 0,135272767$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{4.901.359 - 5.713.687}{5.713.687} = -0,142172296$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{57.788.843 - 63.149.580}{63.149.580} = -0,084889511$$

$$Nij = Y_{ij}.rn = 237.217(-0,084889511) = -20.137,23$$

$$Mij = Y_{ij}(rin - rn) = 237.217\{(-0,142172296) - (-0,084889511)\} \\ = -13.588,45$$

$$Cij = Y_{ij}(rij - rin) = 237.217\{0,135272767 - (-0,142172296)\} \\ = 65.814,68$$

$$Dij = Nij + Mij + Cij = (-20.137,23) + (-13.588,45) + 65.814,68 = 32.089,00$$

10. Tahun 2002

$$rij = \frac{Y^*_{ij} - Y_{ij}}{Y_{ij}} = \frac{277.269 - 269.306}{269.306} = 0,029568594$$

$$rin = \frac{Y^*_{in} - Y_{in}}{Y_{in}} = \frac{5.319.150 - 4.901.359}{4.901.359} = 0,085239828$$

$$rn = \frac{Y^*_{n} - Y_n}{Y_n} = \frac{60.096.782 - 57.788.843}{57.788.843} = 0,039937449$$

$$Nij = Y_{ij}.rn = 269.306 \times 0,039937449 = 10.755,39$$

$$Mij = Y_{ij}(rin - rn) = 269.306(0,085239828 - 0,039937449) \\ = 12.200,20$$

$$Cij = Y_{ij}(rij - rin) = 269.306(0,029568594 - 0,085239828) \\ = -14.992,59$$

$$Dij = Nij + Mij + Cij = 10.755,39 + 12.200,20 + (-14.992,59) = 7.963,00$$

**Tabel Shift-Share
&
Pertumbuhan PDRB**

Tabel 5.6
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1993-1994
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	40.875,07	-48.234,84	42.334,74	34.974,97
2.	Pertambangan dan Penggalian	122,10	-222,91	131,80	30,99
3.	Industri Pengolahan	7.948,99	7.239,55	10.213,54	25.402,08
4.	Listrik, gas, dan Air Bersih	322,76	190,57	154,66	667,99
5.	Bangunan	5.117,39	2.354,89	-2.830,28	4.642,00
6.	Perdagangan, hotel, dan Restoran	27.309,25	6.267,48	-10.838,77	22.737,96
7.	Angkutan dan Komunikasi	1.961,17	104,69	153,14	2.219,00
8.	Keuangan, Persewaan, dan Jasa Prsh	2.195,94	1.274,88	-2.489,82	981,00
9.	Jasa-jasa	13.384,60	-7.735,28	-1.659,32	3.990,00
Total		99.237,27	-38.760,97	35.169,69	95.645,99

Sumber : BPS kabupaten Subang diolah

Tabel 5.7
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1994-1995
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	48.657,34	-24.454,79	12.828,45	37.031
2.	Pertambangan dan Penggalian	139,42	-175,30	260,87	224,99
3.	Industri Pengolahan	9.314,95	7.654,18	-10.907,13	6.062,00
4.	Listrik, gas, dan Air Bersih	415,84	-74,81	1.066,97	1.408,00
5.	Bangunan	6.112,23	40,29	1.625,47	7.777,99
6.	Perdagangan, hotel, dan Restoran	32.457,89	-3.399,93	271.142,03	300.200,92
7.	Angkutan dan Komunikasi	2.378,22	-116,56	2.705,33	4.966,99
8.	Keuangan, Persewaan, dan Jasa Prsh	2.541,54	-511,82	-82,71	1.947,01
9.	Jasa-jasa	15.330,46	-11.091,29	5.739,83	9.979,00
Total		117.347,89	-32.130,03	281.673,78	332.603,93

Sumber : BPS kabupaten Subang diolah

Tabel 5.8
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1995-1996
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	51.505,83	-49.229,04	35.041,21	37.318,04
2.	Pertambangan dan Penggalian	157,15	-87,15	171,99	241,99
3.	Industri Pengolahan	9.777,56	5.404,49	-8.733,05	6.449,00
4.	Listrik, gas, dan Air Bersih	528,06	763,13	1.251,80	2.596,99
5.	Bangunan	6.721,74	3.051,25	-96,99	9.676,00
6.	Perdagangan, hotel, dan Restoran	34.786,17	1.596,81	-11.632,97	24.750,01
7.	Angkutan dan Komunikasi	2.771,62	-116,43	5.596,81	8.252,00
8.	Keuangan, Persewaan, dan Jasa Prsh	2.691,35	-1.158,30	1.046,95	2.580,00
9.	Jasa-jasa	16.092,01	-9.160,25	6.985,24	13.917,00
Total		125.031,49	-48.935,49	29.630,99	105.781,03

Sumber : BPS kabupaten Subang diolah

Tabel 5.9
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1996-1997
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	40.576,68	-91.693,05	57.638,36	6.521,99
2.	Pertambangan dan Penggalian	131,49	-109,99	233,50	255,00
3.	Industri Pengolahan	7.664,77	8.172,20	-16.349,97	-513,00
4.	Listrik, gas, dan Air Bersih	545,48	714,50	-480,99	778,99
5.	Bangunan	5.583,45	-7.662,46	6.216,66	4.137,66
6.	Perdagangan, hotel, dan Restoran	27.377,59	7.512,25	-1.153,85	33.753,99
7.	Angkutan dan Komunikasi	2.557,69	-1.846,93	2.283,23	2.993,99
8.	Keuangan, Persewaan, dan Jasa Prsh	2.158,02	3.643,55	-2.240,57	3.561,00
9.	Jasa-jasa	12.812,71	-6.791,68	6.191,97	12.213,00
Total		99.407,88	-88.061,61	52.338,34	63.702,62

Sumber : BPS kabupaten Subang diolah

Tabel 5.10
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1997-1998
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	-121.504,97	69.381,32	43.161,64	-8.962,01
2.	Pertambangan dan Penggalian	-435,29	-45,66	-346,04	-844,89
3.	Industri Pengolahan	-22.641,63	-3.448,95	-10.476,42	-36.567,00
4.	Listrik, gas, dan Air Bersih	-1.756,31	1.527,52	1.324,78	1.095,99
5.	Bangunan	-17.295,92	-27.627,21	9.817,12	-35.106,01
6.	Perdagangan, hotel, dan Restoran	-87.195,21	16.553,29	26.817,91	-43.824,01
7.	Angkutan dan Komunikasi	-8.118,01	3.322,49	7.482,51	2.686,99
8.	Keuangan, Persewaan, dan Jasa Prsh	-7.033,40	-8.910,68	807,08	-15.137,00
9.	Jasa-jasa	-40.171,82	34.958,78	-1.631,95	-6.844,99
	Total	-306.152,56	85.710,90	76.956,63	-143.502,93

Sumber : BPS kabupaten Subang diolah

Tabel 5.11
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1998-1999
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	33.892,85	-9.259,36	-74.234,55	17.061,14
2.	Pertambangan dan Penggalian	37,29	-466,27	270,98	-158,00
3.	Industri Pengolahan	2.086,84	-1.581,67	-3.991,17	-3.486,00
4.	Listrik, gas, dan Air Bersih	252,35	1.136,11	7,54	1.396,00
5.	Bangunan	1.429,95	-2.860,05	-323,66	-1.753,76
6.	Perdagangan, hotel, dan Restoran	10.729,90	5.512,44	-724,34	15.518,00
7.	Angkutan dan Komunikasi	1.111,73	-311,59	94,86	895,00
8.	Keuangan, Persewaan, dan Jasa Prsh	561,69	1.446,56	-1.984,25	24,00
9.	Jasa-jasa	5.038,35	-1.018,31	2.532,95	6.552,99
	Total	55.140,95	-7.402,14	-78.351,64	36.049,37

Sumber : BPS kabupaten Subang diolah

Tabel 5.12
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 1999-2000
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	33.892,85	-9.259,36	-6.145,48	18.488,01
2.	Pertambangan dan Penggalian	71,71	-52,71	67,17	86,17
3.	Industri Pengolahan	-4.275,77	537,04	-2.373,81	2.439,00
4.	Listrik, gas, dan Air Bersih	606,07	1.728,87	84,04	2.418,98
5.	Bangunan	2.966,67	2.459,57	-4.063,24	1.363,00
6.	Perdagangan, hotel, dan Restoran	23.622,81	-11.506,15	11.821,34	23.938,00
7.	Angkutan dan Komunikasi	2.412,66	3.144,18	-573,84	4.983,00
8.	Keuangan, Persewaan, dan Jasa Prsh	1.198,01	3.266,43	-1.161,43	3.303,01
9.	Jasa-jasa	11.056,43	-13.657,38	14.102,94	11.501,99
	Total	80.102,98	-23.249,51	11.757,69	68.521,16

Sumber : BPS kabupaten Subang diolah

Tabel 5.13
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 2000-2001
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	-60.305,85	-41.668,79	107.302,63	5.327,99
2.	Pertambangan dan Penggalian	-125,89	960,54	7.403,35	8.238,00
3.	Industri Pengolahan	-7.616,97	10.523,27	15.143,69	18.049,99
4.	Listrik, gas, dan Air Bersih	-1.255,68	-1.867,58	6.097,93	2.974,67
5.	Bangunan	-5.256,95	-8.449,23	14.326,18	620,00
6.	Perdagangan, hotel, dan Restoran	-42.967,93	-71.280,67	139.285,60	25.037,00
7.	Angkutan dan Komunikasi	-4.604,15	-10.019,84	22.386,99	7.763,00
8.	Keuangan, Persewaan, dan Jasa Prsh	-2.254,83	130,84	4.258,99	2.135,00
9.	Jasa-jasa	-20.137,23	-13.588,45	65.814,68	32.089,00
	Total	-144.527,48	-135.259,91	382.020,04	102.234,65

Sumber : BPS kabupaten Subang diolah

Tabel 5.14
Hasil Analisis Shift-Share Sektor-sektor Ekonomi
Kabupaten Subang Tahun 2001-2002
(Jutaan Rupiah)

No.	Sektor	Komponen Pertumbuhan Propinsi (Nij)	Komponen Bauran Industri (Mij)	Komponen Keunggulan Kompetitif (Cij)	Jumlah Keseluruhan (Dij)
1.	Pertanian	28.584,51	-65.827,40	53.084,88	15.841,99
2.	Pertambangan dan Penggalian	388,23	-722,64	493,40	158,99
3.	Industri Pengolahan	3.655,59	-764,19	-1.592,39	1.309,01
4.	Listrik, gas, dan Air Bersih	711,05	716,05	-341,09	1.086,01
5.	Bangunan	2.497,97	2.735,20	207,83	5.441,00
6.	Perdagangan, hotel, dan Restoran	21.214,77	24.000,95	-1.648,71	43.567,01
7.	Angkutan dan Komunikasi	2.476,12	4.613,53	-2.438,65	4.651,00
8.	Keuangan, Persewaan, dan Jasa Prsh	1.146,08	1.744,52	-1.774,60	1.116,00
9.	Jasa-jasa	10.755,39	12.200,20	-14.992,59	7.963,00
	Total	71.429,71	-21.303,78	30.998,08	81.134,01

Sumber : BPS kabupaten Subang diolah

Tabel 5.15
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1993 dan 1994 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1993	1994	Absolut	Persen
Pertanian	567.742	602.717	34.975	6.160369
Pertambangan dan Penggalian	1.696	1.727	31	1.82783
Industri Pengolahan	110.409	115.384	4.975	4.505973
Listri, Gas, dan Air Bersih	4.483	5.151	668	14.90074
Bangunan	71.079	75.712	4.633	6.5181
Perdagangan, Hotel, dan Restoran	379.317	402.055	22.738	5.994458
Angkutan dan Komunikasi	27.240	29.459	2.219	8.146109
Keuangan, Persewaan, dan Jasa Perusahaan	30.501	31.482	981	3.216288
Jasa-jasa	185.908	189.898	3.990	2.146223
Total	1.378.375	1.453.585	75.210	53.41609

Sumber : BPS. PDRB kabupaten Subang diolah

Tabel 5.16
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1994 dan 1995 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1994	1995	Absolut	Persen
Pertanian	602.717	639.748	37.031	6.144011
Pertambangan dan Penggalian	1.727	1.952	225	13.02837
Industri Pengolahan	115.384	121.446	6.062	5.253761
Listri, Gas, dan Air Bersih	5.151	6.559	1.408	27.3345
Bangunan	75.712	83.490	7.778	10.27314
Perdagangan, Hotel, dan Restoran	402.055	432.075	30.020	7.46664
Angkutan dan Komunikasi	29.459	34.426	4.967	16.86072
Keuangan, Persewaan, dan Jasa Perusahaan	31.482	33.429	1.947	6.184486
Jasa-jasa	189.898	199.877	9.979	5.254926
Total	1.453.585	1.553.002	99.417	97.80056

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.17
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1995 dan 1996 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1995	1996	Absolut	Persen
Pertanian	639.748	677.066	37.318	5.833234
Pertambangan dan Penggalian	1.952	2.194	242	12.39754
Industri Pengolahan	121.446	127.382	5.936	4.887769
Listri, Gas, dan Air Bersih	6.559	9.102	2.543	38.77115
Bangunan	83.490	93.166	9.676	11.58941
Perdagangan, Hotel, dan Restoran	432.075	456.825	24.750	5.728172
Angkutan dan Komunikasi	34.426	42.678	8.252	23.97026
Keuangan, Persewaan, dan Jasa Perusahaan	33.429	36.009	2.580	7.71785
Jasa-jasa	199.877	213.794	13.917	6.962782
Total	1.553.002	1.667.729	105.214	117.8582

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.18
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1996 dan 1997 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1996	1997	Absolut	Persen
Pertanian	677.066	683.588	6.522	0.963274
Pertambangan dan Penggalian	2.194	2.449	255	11.62261
Industri Pengolahan	127.895	127.382	-513	-0.40111
Listri, Gas, dan Air Bersih	9.102	9.881	779	8.558559
Bangunan	93.166	97.307	4.141	4.444755
Perdagangan, Hotel, dan Restoran	456.825	490.561	33.736	7.384885
Angkutan dan Komunikasi	42.678	45.672	2.994	7.015324
Keuangan, Persewaan, dan Jasa Perusahaan	36.009	39.570	3.561	9.889194
Jasa-jasa	213.794	226.007	12.213	5.712508
Total	1.667.729	1.722.417	63.688	55.19

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.19
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1997 dan 1998 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1997	1998	Absolut	Persen
Pertanian	683.588	674.626	-8.962	-1,31102
Pertambangan dan Penggalian	2.449	1.662	-787	-32,1356
Industri Pengolahan	127.382	90.775	-36.607	-28,738
Listri, Gas, dan Air Bersih	9.881	10.977	1.096	11,09199
Bangunan	97.307	62.201	-35.106	-36,0776
Perdagangan, Hotel, dan Restoran	490.561	466.737	-23.824	-4,85648
Angkutan dan Komunikasi	45.672	48.359	2.687	5,883255
Keuangan, Persewaan, dan Jasa Perusahaan	39.570	24.433	-15.137	-38,2537
Jasa-jasa	226.007	219.162	-6.845	-3,02867
Total	1.722.417	1.598.892	-123.485	-127,426

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.20
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1998 dan 1999 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1998	1999	Absolut	Persen
Pertanian	674.626	691.916	17.290	2,562902
Pertambangan dan Penggalian	1.662	1.464	-198	-11,9134
Industri Pengolahan	90.775	87.289	-3.486	-3,84026
Listri, Gas, dan Air Bersih	10.977	12.373	1.396	12,7175
Bangunan	62.201	60.564	-1.637	-2,63179
Perdagangan, Hotel, dan Restoran	466.737	482.255	15.518	3,324785
Angkutan dan Komunikasi	48.359	49.254	895	1,850741
Keuangan, Persewaan, dan Jasa Perusahaan	24.433	24.457	24	0,098228
Jasa-jasa	219.162	225.715	6.553	2,990026
Total	1.598.892	1.635.276	36.355	5,158769

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.21
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 1999 dan 2000 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1999	2000	Absolut	Persen
Pertanian	691.916	710.404	18.488	2,672001
Pertambangan dan Penggalian	1.464	1.483	19	1,297814
Industri Pengolahan	87.289	89.728	2.439	2,794167
Listri, Gas, dan Air Bersih	12.373	14.792	2.419	19,55063
Bangunan	60.564	61.927	1.363	2,250512
Perdagangan, Hotel, dan Restoran	482.255	506.163	23.908	4,957543
Angkutan dan Komunikasi	49.254	54.237	4.983	10,11694
Keuangan, Persewaan, dan Jasa Perusahaan	24.457	26.562	2.105	8,606943
Jasa-jasa	225.715	237.217	11.502	5,095807
Total	1.635.276	1.702.513	67.226	57,34237

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.22
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 2000 dan 2001 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	2000	2001	Absolut	Persen
Pertanian	710.404	715.732	5.328	0,749996
Pertambangan dan Penggalian	1.483	9.721	8.238	555,4956
Industri Pengolahan	89.728	91.533	1.805	2,011635
Listri, Gas, dan Air Bersih	14.792	17.804	3.012	20,36236
Bangunan	61.927	62.547	620	1,001179
Perdagangan, Hotel, dan Restoran	506.163	531.200	25.037	4,94643
Angkutan dan Komunikasi	54.237	62.000	7.763	14,31311
Keuangan, Persewaan, dan Jasa Perusahaan	26.562	28.697	2.135	8,037798
Jasa-jasa	237.217	269.306	32.089	13,52728
Total	1.702.513	1.788.539	86.027	620,4454

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.23
PDRB Per Sektor Kabupaten Subang
Atas Dasar Harga Konstan 1993
Tahun 2001 dan 2002 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	2001	2002	Absolut	Persen
Pertanian	715.732	731.574	15.842	2,213398
Pertambangan dan Penggalian	9.721	9.880	159	1,635634
Industri Pengolahan	91.533	92.832	1.299	1,41916
Listri, Gas, dan Air Bersih	17.804	18.890	1.086	6,099753
Bangunan	62.547	67.988	5.441	8,699058
Perdagangan, Hotel, dan Restoran	531.200	574.767	43.567	8,201619
Angkutan dan Komunikasi	62.000	66.651	4.651	7,501613
Keuangan, Persewaan, dan Jasa Perusahaan	28.697	29.813	1.116	3,888908
Jasa-jasa	269.306	277.269	7.963	2,956859
Total	1.788.539	1.869.664	81.124	42,616

Sumber : BPS, PDRB kabupaten Subang diolah

Tabel 5.24
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1993 dan 1994 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1993	1994	Absolut	Persen
Pertanian	9.107.764	8.989.698	-118.066	-1,29632
Pertambangan dan Penggalian	3.761.707	3.538.119	-223.588	-5,94379
Industri Pengolahan	15.948.243	18.142.182	2.193.939	13,75662
Listri, Gas, dan Air Bersih	1.169.776	1.303.723	133.947	11,45065
Bangunan	3.220.480	3.558.630	338.150	10,49999
Perdagangan, Hotel, dan Restoran	9.919.222	10.797.261	878.039	8,851894
Angkutan dan Komunikasi	3.080.943	3.314.599	233.656	7,583912
Keuangan, Persewaan, dan Jasa Perusahaan	2.546.718	2.836.519	289.801	11,37939
Jasa-jasa	5.184.820	5.342.375	157.555	3,038775
Total	53.939.673	57.823.106	3.883.433	59,23112

Sumber : BPS, PDRB propinsi Jawa Barat diolah

Tabel 5.25
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1994 dan 1995 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1994	1995	Absolut	Persen
Pertanian	8.989.698	9.350.686	360.988	4,015574
Pertambangan dan Penggalian	3.538.119	3.464.618	-73.501	-2,0774
Industri Pengolahan	18.142.182	20.810.291	2.668.109	14,70666
Listri, Gas, dan Air Bersih	1.303.723	1.390.037	86.314	6,620578
Bangunan	3.558.630	3.847.812	289.182	8,126217
Perdagangan, Hotel, dan Restoran	10.797.261	11.577.618	780.357	7,227361
Angkutan dan Komunikasi	3.314.599	3.569.072	254.473	7,677339
Keuangan, Persewaan, dan Jasa Perusahaan	2.836.519	3.019.396	182.877	6,447233
Jasa-jasa	5.342.375	5.461.635	119.260	2,23234
Total	57.823.106	62.491.165	46.680.059	54,9759

Sumber : BPS, PDRB propinsi Jawa Barat diolah

Tabel 5.26
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1995 dan 1996 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1995	1996	Absolut	Persen
Pertanian	9.350.686	9.383.964	33.278	0,355888
Pertambangan dan Penggalian	3.464.618	3.588.869	124.251	3,586283
Industri Pengolahan	20.810.291	23.411.801	2.601.510	12,50107
Listri, Gas, dan Air Bersih	1.390.037	1.633.677	243.640	17,52759
Bangunan	3.847.812	4.298.221	450.409	11,70559
Perdagangan, Hotel, dan Restoran	11.577.618	12.552.514	974.896	8,420523
Angkutan dan Komunikasi	3.569.072	3.844.345	275.273	7,712733
Keuangan, Persewaan, dan Jasa Perusahaan	3.019.396	3.157.865	138.469	4,585983
Jasa-jasa	5.461.635	5.651.045	189.410	3,468009
Total	62.491.165	67.522.301	5.031.136	69,86367

Sumber : BPS, PDRB propinsi Jawa Barat diolah

Tabel 5.27
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1996 dan 1997 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1996	1997	Absolut	Persen
Pertanian	9.383.964	8.675.504	-708.460	-7,54969
Pertambangan dan Penggalian	3.588.869	3.624.037	35.168	0,979919
Industri Pengolahan	23.411.801	26.310.836	2.899.035	12,38279
Listri, Gas, dan Air Bersih	1.633.677	1.859.827	226.150	13,84301
Bangunan	4.298.221	4.202.306	-95.915	-2,2315
Perdagangan, Hotel, dan Restoran	12.552.514	13.511.208	958.694	7,637466
Angkutan dan Komunikasi	3.844.345	3.908.369	64.024	1,665407
Keuangan, Persewaan, dan Jasa Perusahaan	3.157.865	3.666.643	508.778	16,11146
Jasa-jasa	5.651.045	5.810.194	159.149	2,816276
Total	67.522.301	71.568.924	4.046.623	45,65513

Sumber : BPS, PDRB propinsi Jawa Barat diolah

Tabel 5.28
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1997 dan 1998 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1997	1998	Absolut	Persen
Pertanian	8.675.504	8.013.996	-661.508	-7,62501
Pertambangan dan Penggalian	3.624.037	2.912.315	-711.722	-19,6389
Industri Pengolahan	26.310.836	20.913.548	-5.397.288	-20,5136
Listri, Gas, dan Air Bersih	1.859.827	1.816.765	-43.062	-2,31538
Bangunan	4.202.306	2.262.253	-1.940.053	-46,1664
Perdagangan, Hotel, dan Restoran	13.511.208	11.565.563	-1.945.645	-14,4002
Angkutan dan Komunikasi	3.908.369	3.497.994	-410.375	-10,4999
Keuangan, Persewaan, dan Jasa Perusahaan	3.666.643	2.189.229	-1.477.414	-40,2934
Jasa-jasa	5.810.194	5.676.177	-134.017	-2,30658
Total	71.568.924	58.847.841	-12.721.084	-163,759

Sumber : BPS. PDRB propinsi Jawa Barat diolah

Tabel 5.29
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1998 dan 1999 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1998	1999	Absolut	Persen
Pertanian	8.013.996	9.098.516	1.084.520	13,53282
Pertambangan dan Penggalian	2.912.315	2.142.073	-770.242	-26,4478
Industri Pengolahan	20.913.548	21.029.934	116.386	0,55651
Listri, Gas, dan Air Bersih	1.816.765	2.046.564	229.799	12,6488
Bangunan	2.262.253	2.210.240	-52.013	-2,29917
Perdagangan, Hotel, dan Restoran	11.565.563	11.968.042	402.479	3,479978
Angkutan dan Komunikasi	3.497.994	3.555.871	57.877	1,65477
Keuangan, Persewaan, dan Jasa Perusahaan	2.189.229	2.369.171	179.942	8,219423
Jasa-jasa	5.676.177	5.780.294	104.117	1,83428
Total	58.847.841	60.200.705	323.924	3,560185

Sumber : BPS. PDRB propinsi Jawa Barat diolah

Tabel 5.30
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 1999 dan 2000 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	1999	2000	Absolut	Persen
Pertanian	9.098.516	9.422.440	323.924	3,560185
Pertambangan dan Penggalian	2.142.073	2.071.578	-70.495	-3,29079
Industri Pengolahan	21.029.934	22.189.452	1.159.518	5,513655
Listri, Gas, dan Air Bersih	2.046.564	2.432.778	386.214	18,87134
Bangunan	2.210.240	2.408.267	198.027	8,959525
Perdagangan, Hotel, dan Restoran	11.968.042	12.268.739	300.697	2,5125
Angkutan dan Komunikasi	3.555.871	3.957.045	401.174	11,28202
Keuangan, Persewaan, dan Jasa Perusahaan	2.369.171	2.685.593	316.422	13,35581
Jasa-jasa	5.780.294	5.713.687	-66.607	-1,15231
Total	60.200.705	63.149.580	2.948874	59,61175

Sumber : BPS, PDRB propinsi Jawa Barat diolah

Tabel 5.31
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 2000 dan 2001 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	2000	2001	Absolut	Persen
Pertanian	9.422.440	8.087.029	-1.335411	-14,1727
Pertambangan dan Penggalian	2.071.578	3.237.481	1.165.903	56,28091
Industri Pengolahan	22.189.452	22.908.171	718.719	3,239012
Listri, Gas, dan Air Bersih	2.432.778	1.919.108	-513.670	-21,1145
Bangunan	2.408.267	1.875.250	-533.017	-22,1328
Perdagangan, Hotel, dan Restoran	12.268.739	9.499.500	-2.769.239	-22,5715
Angkutan dan Komunikasi	3.957.045	2.890.102	-1.066.943	-26,9631
Keuangan, Persewaan, dan Jasa Perusahaan	2.685.593	2.470.843	-214.750	-7,99637
Jasa-jasa	5.713.687	4.901.359	-812.328	-14,2172
Total	63.149.580	57.824.843	-5.360.736	-69,6483

Sumber : BPS, PDRB propinsi Jawa Barat diolah

Tabel 5.32
PDRB Per Sektor Propinsi Jawa Barat
Atas Dasar Harga Konstan 1993
Tahun 2001 dan 2002 (Jutaan Rupiah)

Sektor	Pendapatan (Jutaan)		Perubahan	
	2001	2002	Absolut	Persen
Pertanian	8.087.029	7.666.223	-420.806	-5,20347
Pertambangan dan Penggalian	3.237.481	3.126.111	-111.370	-3,44002
Industri Pengolahan	22.908.171	23.631.807	723.636	3,158855
Listri, Gas, dan Air Bersih	1.919.108	2.072.936	153.828	8,015599
Bangunan	1.875.250	2.032.148	156.898	8,366778
Perdagangan, Hotel, dan Restoran	9.499.500	10.308.097	808.597	8,511995
Angkutan dan Komunikasi	2.890.102	3.220.583	330.481	11,43493
Keuangan, Persewaan, dan Jasa Perusahaan	2.470.843	2.719.727	248.884	10,07284
Jasa-jasa	4.901.359	5.319.150	417.791	8,523983
Total	57.824.843	60.096.782	2.307.939	49,44148

Sumber : BPS, PDRB propinsi Jawa Barat diolah