

**CARVÃO MINERAL – DADOS ESTATÍSTICOS – ANO : 2.000**

**1.: Produção de R.O.M por Estado Produtor ( Toneladas )**

| Ano         | Paraná  | S. Catarina | R.G. do Sul | Total      |
|-------------|---------|-------------|-------------|------------|
| 1980        | 309.251 | 13.167.950  | 2.529.034   | 16.006.235 |
| 1981        | 296.793 | 14.266.134  | 2.871.124   | 17.434.051 |
| 1982        | 313.374 | 15.601.417  | 3.235.346   | 19.150.137 |
| 1983        | 350.384 | 16.314.156  | 4.723.120   | 21.387.660 |
| 1984        | 430.803 | 17.820.068  | 4.574.354   | 22.825.225 |
| 1985        | 465.514 | 19.781.089  | 4.661.539   | 24.908.142 |
| 1986        | 469.916 | 17.436.795  | 4.793.525   | 22.700.236 |
| 1987        | 404.741 | 13.425.603  | 4.285.011   | 18.115.355 |
| 1988        | 354.139 | 16.437.114  | 4.193.104   | 20.984.357 |
| 1989        | 273.302 | 13.924.819  | 3.997.961   | 18.196.082 |
| 1990        | 239.313 | 6.253.231   | 3.791.072   | 10.283.616 |
| 1991        | 289.645 | 6.945.642   | 3.469.133   | 10.704.420 |
| 1992        | 267.262 | 5.563.900   | 3.483.012   | 9.314.174  |
| 1993        | 279.494 | 6.041.622   | 3.308.136   | 9.629.252  |
| 1994        | 304.657 | 5.653.471   | 3.308.136   | 9.266.264  |
| 1995        | 254.172 | 5.616.362   | 3.674.819   | 9.545.353  |
| 1996        | 262.416 | 3.390.147   | 3.731.325   | 7.383.888  |
| 1997        | 357.196 | 4.159.654   | 5.079.016   | 9.595.866  |
| 1998        | 95.084  | 4.694.191   | 3.531.176   | 8.320.451  |
| 1999        | 85.003  | 4.677.200   | 4.714.990   | 9.477.193  |
| <b>2000</b> | 108.225 | 5.954.981   | 6.003.097   | 12.066.303 |

**1.: Produção de R.O.M por Estado Produtor ( Toneladas )**

| Ano         | Paraná | S. Catarina | R.G. do Sul | Total |
|-------------|--------|-------------|-------------|-------|
| 1980        | 0,31   | 13,17       | 2,53        | 16,01 |
| 1981        | 0,30   | 14,27       | 2,87        | 17,43 |
| 1982        | 0,31   | 15,60       | 3,24        | 19,15 |
| 1983        | 0,35   | 16,31       | 4,72        | 21,39 |
| 1984        | 0,43   | 17,82       | 4,57        | 22,83 |
| 1985        | 0,47   | 19,78       | 4,66        | 24,91 |
| 1986        | 0,47   | 17,44       | 4,79        | 22,70 |
| 1987        | 0,40   | 13,43       | 4,29        | 18,12 |
| 1988        | 0,35   | 16,44       | 4,19        | 20,98 |
| 1989        | 0,27   | 13,92       | 4,00        | 18,20 |
| 1990        | 0,24   | 6,25        | 3,79        | 10,28 |
| 1991        | 0,29   | 6,95        | 3,47        | 10,70 |
| 1992        | 0,27   | 5,56        | 3,48        | 9,31  |
| 1993        | 0,28   | 6,04        | 3,31        | 9,63  |
| 1994        | 0,30   | 5,65        | 3,31        | 9,27  |
| 1995        | 0,25   | 5,62        | 3,67        | 9,55  |
| 1996        | 0,26   | 3,39        | 3,73        | 7,38  |
| 1997        | 0,36   | 4,16        | 5,08        | 9,60  |
| 1998        | 0,10   | 4,69        | 3,53        | 8,32  |
| 1999        | 0,09   | 4,68        | 4,71        | 9,48  |
| <b>2000</b> | 0,11   | 5,95        | 6,00        | 12,07 |

**2.: Produção de Carvão Vendável ( Toneladas )**

**2.1.: Não Energético**

| Ano         | C.P.L.    | Finos   | Antracitoso | C.M.      |
|-------------|-----------|---------|-------------|-----------|
| 1980        | 3.268.812 | 256.622 | 17.003      | 1.287.605 |
| 1981        | 3.373.846 | 207.892 | 15.304      | 924.069   |
| 1982        | 3.765.848 | 235.932 | 14.139      | 960.787   |
| 1983        | 3.903.086 | 266.795 | 15.115      | 1.028.523 |
| 1984        | 4.195.176 | 292.645 | 25.092      | 1.009.573 |
| 1985        | 4.528.777 | 31.240  | 47.525      | 1.095.428 |
| 1986        | 3.939.061 | 322.789 | 33.173      | 1.007.523 |
| 1987        | 2.718.886 | 294.780 | 33.683      | 695.528   |
| 1988        | 3.511.293 | 394.442 | 26.444      | 634.968   |
| 1989        | 2.521.750 | 372.287 | 20.051      | 680.227   |
| 1990        | 1.160.225 | 64.106  |             | 348.457   |
| 1991        |           | 78.532  |             |           |
| 1992        |           | 142.821 | 28.540      |           |
| 1993        |           | 133.766 | 15.792      |           |
| 1994        |           | 99.968  | 18.759      |           |
| 1995        |           | 79.590  |             |           |
| 1996        |           | 70.211  |             |           |
| 1997        |           | 90.462  |             |           |
| 1998        |           | 85.666  |             |           |
| 1999        |           | 102.045 |             |           |
| <b>2000</b> |           | 109.260 |             |           |

**2.2.: Quadro Resumo da Produção de Vendável**

| Ano<br>1980/1997 | Carvão Energético |             |             |           | Santa Catarina |         |             | Total     |
|------------------|-------------------|-------------|-------------|-----------|----------------|---------|-------------|-----------|
|                  | Paraná            | S. Catarina | R.G. do Sul | Soma      | C.M.           | Finos   | Antracitoso |           |
| 1980             | 209.905           | 1.839.826   | 2.858.023   | 4.907.754 | 1.287.605      | 256.622 | 17.003      | 6.468.984 |
| 1981             | 203.466           | 2.513.613   | 2.843.121   | 5.560.200 | 924.892        | 207.892 | 15.304      | 6.708.288 |
| 1982             | 197.140           | 2.990.465   | 3.359.951   | 6.547.556 | 960.787        | 235.932 | 14.139      | 7.758.414 |
| 1983             | 196.091           | 2.900.197   | 3.478.638   | 6.574.926 | 1.028.523      | 266.795 | 15.115      | 7.885.359 |
| 1984             | 225.050           | 3.301.681   | 3.615.287   | 7.142.018 | 1.009.573      | 292.645 | 25.092      | 8.469.328 |
| 1985             | 252.773           | 3.289.563   | 2.660.943   | 6.203.279 | 1.095.428      | 312.240 | 47.525      | 7.658.472 |
| 1986             | 252.045           | 2.906.158   | 2.852.051   | 6.010.254 | 1.007.523      | 322.789 | 33.173      | 7.373.739 |
| 1987             | 230.053           | 2.744.622   | 2.734.979   | 5.709.654 | 695.528        | 294.780 | 33.683      | 6.733.645 |
| 1988             | 228.532           | 2.992.868   | 4.284.689   | 7.506.089 | 834.968        | 394.442 | 26.444      | 8.761.943 |
| 1989             | 162.482           | 2.293.021   | 4.237.409   | 6.692.912 | 680.227        | 372.287 | 20.051      | 7.765.477 |
| 1990             | 117.519           | 786.898     | 2.799.686   | 3.704.103 | 348.457        | 64.106  |             | 4.116.666 |
| 1991             | 152.426           | 1.886.854   | 2.792.237   | 4.831.517 |                | 78.532  |             | 4.910.049 |
| 1992             | 150.665           | 1.684.450   | 2.619.670   | 4.454.785 |                | 142.821 | 28.540      | 4.626.146 |
| 1993             | 148.814           | 1.843.764   | 2.438.840   | 4.431.418 |                | 133.766 | 15.792      | 4.580.976 |
| 1994             | 153.917           | 1.976.451   | 2.872.621   | 5.002.989 |                | 99.968  | 18.759      | 5.121.716 |
| 1995             | 134.600           | 1.978.341   | 2.980.525   | 5.093.466 |                | 79.590  |             | 5.173.056 |
| 1996             | 136.739           | 1.678.558   | 2.875.681   | 4.690.978 |                | 70.211  |             | 4.761.189 |
| 1997             | 121.595           | 2.241.288   | 3.179.256   | 5.542.139 |                | 90.462  |             | 5.632.601 |
| 1998             | 66.538            | 2.311.501   | 3.106.712   | 5.484.751 |                | 85.666  |             | 5.570.417 |
| 1999             | 56.671            | 2.145.232   | 3.415.659   | 5.617.562 |                | 102.045 |             | 5.719.607 |
| 2000             | 86.034            | 3.175.062   | 3.424.820   | 6.685.916 |                | 109.260 |             | 6.795.176 |

**2.3.: Energético**

| Ano  | CE-3100 | CE-3300   | CE-3700 | CE-4200 | CE-4500   | CE-4700 | CE-5200/5400 | 5700/5900 | CE-6000/6500/6800 |
|------|---------|-----------|---------|---------|-----------|---------|--------------|-----------|-------------------|
| 1980 | 655.386 | 472.040   |         | 208.689 | 1.264.053 | 257.855 | 575.771      | 60.660    | 209.905           |
| 1981 | 476.004 | 678.063   | 15.347  | 330.638 | 990.946   | 352.123 | 1.455.059    | 55.693    | 203.466           |
| 1982 | 500.291 | 693.375   | 146.311 | 245.009 | 1.368.200 | 406.765 | 1.645.116    |           | 197.140           |
| 1983 | 433.589 | 696.011   | 399.148 | 254.651 | 1.090.523 | 604.716 | 1.888.588    | 1.395     | 196.091           |
| 1984 | 405.963 | 802.725   | 388.947 | 221.584 | 1.150.158 | 645.910 | 2.316.456    | 9.631     | 225.050           |
| 1985 | 466.843 | 1.008.237 | 461.742 | 153.889 | 1.557.277 | 565.441 | 1.732.286    | 1.373     | 252.773           |
| 1986 | 566.960 | 910.139   | 478.588 | 186.749 | 1.600.181 | 700.380 | 1.305.977    |           | 252.045           |
| 1987 | 506.205 | 875.397   | 591.183 | 160.306 | 1.670.796 | 596.151 | 1.073.826    |           | 230.053           |
| 1988 | 543.678 | 901.901   | 553.440 | 74.714  | 1.558.891 | 652.065 | 1.433.977    |           | 228.532           |
| 1989 | 502.968 | 1.430.700 | 322.586 | 112.648 | 1.343.667 | 514.822 | 949.354      |           | 162.482           |
| 1990 | 525.369 | 1.540.741 | 274.119 | 85.116  | 1.38.627  | 401.468 | 624.381      |           | 234.117           |
| 1991 | 336.152 | 1.667.691 | 410.489 | 69.449  | 519.442   | 266.201 | 832.188      |           | 490.197           |
| 1992 | 317.377 | 1.440.768 | 488.708 | 83.025  | 974.556   | 318.986 | 268.761      | 3.014     | 319.620           |
| 1993 | 299.385 | 1.268.980 | 378.535 | 118.692 | 1.232.750 | 327.724 | 350.426      | 1.962     | 282.202           |
| 1994 | 303.745 | 1.669.565 | 382.426 | 92.347  | 1.256.169 | 282.209 | 432.891      |           | 230.911           |
| 1995 | 307.510 | 1.782.929 | 343.301 | 86.085  | 1.540.448 | 198.821 | 752.413      |           | 188.871           |
| 1996 | 467.598 | 1.424.941 | 344.638 | 83.869  | 1.105.521 | 172.566 | 540.832      |           | 143.941           |
| 1997 | 592.788 | 1.806.439 | 436.907 | 106.323 | 1.895.892 | 177.897 | 474.436      |           | 188.849           |
| 1998 | 406.173 | 1.570.605 | 243.857 | 93.111  | 1.878.061 | 166.224 | 266.005      |           | 71.956            |
| 1999 | 473.816 | 2.178.133 |         | 125.826 | 2.219.534 | 417.100 | 269.926      |           | 81.380            |
| 2000 | 544.538 | 2.503.240 |         | 144.607 | 2.550.820 | 479.356 | 310.216      |           | 93.527            |

**2.4.: Detalhamento da Produção Vendável - por Empresa - 2.000**

| Empresa       | CE-3100 | CE-3300   | CE-3700 | CE-4200 | CE-4500 | CE-4700 | 5200/5400 | CE-6000 | CM Finos | Total     |
|---------------|---------|-----------|---------|---------|---------|---------|-----------|---------|----------|-----------|
| Cambuí        |         |           |         |         |         |         |           | 86.034  |          | 86.034    |
| Copelmi       | 556.140 | 5.138     |         | 77      | 39.832  | 294.053 | 274.470   | 46.689  |          | 1.216.399 |
| C.R.M.        | 25.652  | 1.991.784 |         | 78.672  |         |         |           |         |          | 2.096.108 |
| Palermo       | 57.091  |           |         | 55.222  |         |         |           |         |          | 112.313   |
| Metropolitana |         |           |         |         | 721.509 |         | 43.686    |         | 32.012   | 797.207   |
| Criciúma      |         |           |         |         | 730.751 |         |           |         | 13.152   | 743.903   |
| Cocalit       |         |           |         |         | 103.721 |         |           |         |          | 103.721   |
| Comin         |         |           |         |         | 86.509  |         |           |         |          | 86.509    |
| São Domingos  |         |           |         |         | 87.291  |         |           |         |          | 87.291    |

|                |                |                  |  |                |                  |                |                |                |                |                  |
|----------------|----------------|------------------|--|----------------|------------------|----------------|----------------|----------------|----------------|------------------|
| Castelo Branco |                |                  |  |                | 53.056           |                |                |                |                | 53.056           |
| Rio Deserto    |                |                  |  |                | 720.285          |                |                |                | 19.296         | 739.581          |
| Cooperminas    |                |                  |  |                | 242.471          |                |                |                | 44.800         | 287.271          |
| Belluno        |                |                  |  |                | 320.755          |                |                |                |                | 320.755          |
| Sta. Augusta   |                |                  |  |                | 65.028           |                |                |                |                | 65.028           |
| <b>Total</b>   | <b>638.883</b> | <b>1.996.922</b> |  | <b>133.971</b> | <b>3.171.208</b> | <b>294.053</b> | <b>318.156</b> | <b>132.723</b> | <b>109.260</b> | <b>6.795.176</b> |

| Empresa                       | R.O.M.            |
|-------------------------------|-------------------|
| Cambuí                        | 108.225           |
| Copelmi                       | 2.598.222         |
| C.R.M.                        | 3.186.784         |
| Palermo                       | 218.091           |
| Metropolitana                 | 1.532.690         |
| Criciúma                      | 1.293.808         |
| Cast. Branco / Carb B. Branco | 103.342           |
| Rio Deserto                   | 1.558.065         |
| Cooperminas                   | 373.449           |
| Belluno                       | 622.182           |
| Sta. Augusta                  |                   |
| Cia Carbonifera Catarinense   | 295.362           |
| Comin                         | 147.571           |
| Minageo                       | 28.512            |
| <b>Total</b>                  | <b>12.066.303</b> |

| Estado       | NºEmpregos   |
|--------------|--------------|
| Paraná       | 312          |
| R.G. do Sul  | 625          |
| S.Catarina   | 3.623        |
| <b>Total</b> | <b>4.560</b> |

### 3.: Consumo de Carvão - Vendas ( Toneladas )

#### 3.1.: Vendas

| Ano<br>1980/2000 | Energético<br>Nacional | Metalúrgico<br>Nacional | Total<br>Nacional | Metalúrgico<br>Importado | Total<br>Nac. + Imp. |
|------------------|------------------------|-------------------------|-------------------|--------------------------|----------------------|
| 1980             | 3.535.288              | 1.305.664               | 4.840.952         | 4.131.042                | 8.971.994            |
| 1981             | 5.105.625              | 1.097.921               | 6.203.546         | 3.812.516                | 10.016.062           |
| 1982             | 4.845.049              | 1.028.240               | 5.873.289         | 4.143.555                | 10.016.844           |
| 1983             | 5.370.847              | 1.062.192               | 6.433.039         | 5.076.878                | 11.509.917           |
| 1984             | 5.285.809              | 1.001.380               | 6.287.189         | 7.158.545                | 13.445.734           |
| 1985             | 5.990.805              | 1.164.213               | 7.155.018         | 8.059.592                | 15.214.610           |
| 1986             | 7.102.928              | 1.164.604               | 8.267.532         | 9.220.582                | 17.488.114           |
| 1987             | 6.987.091              | 763.973                 | 7.751.064         | 8.945.728                | 16.696.792           |
| 1988             | 5.792.759              | 797.992                 | 6.590.751         | 9.546.532                | 16.137.283           |
| 1989             | 5.264.718              | 772.205                 | 6.036.923         | 9.454.828                | 15.491.751           |
| 1990             | 5.500.536              | 348.457                 | 5.848.993         | 9.584.000                | 15.432.993           |
| 1991             | 5.699.321              |                         | 5.699.321         | 10.103.000               | 15.802.321           |
| 1992             | 5.137.303              |                         | 5.137.303         | 10.158.000               | 15.295.303           |
| 1993             | 4.937.261              |                         | 4.937.261         | 9.968.000                | 14.905.261           |
| 1994             | 5.123.842              |                         | 5.123.842         | 10.579.000               | 15.702.842           |
| 1995             | 5.177.987              |                         | 5.177.987         | 10.170.000               | 15.347.987           |
| 1996             | 4.759.285              |                         | 4.759.285         | 9.935.000                | 14.694.285           |
| 1997             | 5.614.575              |                         | 5.614.575         | 10.481.159               | 16.095.734           |
| 1998             | 5.524.582              |                         | 5.524.582         | 10.696.418               | 16.221.000           |
| 1999             | 5.647.407              |                         | 5.647.407         | 13.429.883               | 19.077.290           |
| <b>2000</b>      | 7.206.454              |                         | 7.206.454         |                          | 7.206.454            |

#### 3.2.: Detalhamento das Vendas - Setor de Consumo X Empresa - 2000

| Setor     | Cambuí | Copelmi | C.R.M.    | Palermo | Total     | SIECESC   | Total     |
|-----------|--------|---------|-----------|---------|-----------|-----------|-----------|
| Alimentos |        | 63.680  |           | 2.076   | 65.756    | 31.439    | 97.195    |
| Cerâmico  |        | 278     |           |         | 278       | 73.742    | 74.020    |
| Cimento   |        | 9.278   |           |         | 9.278     | 3.246     | 12.524    |
| Indústria |        |         | 18.496    |         | 18.496    | 356       | 18.852    |
| Coque     |        |         |           |         |           | 14.831    | 14.831    |
| Elétrico  | 86.020 | 508.795 | 2.143.623 |         | 2.738.438 | 3.554.202 | 6.292.640 |

|                |               |                  |                  |                |                  |                  |                  |
|----------------|---------------|------------------|------------------|----------------|------------------|------------------|------------------|
| Agropecuário   |               |                  |                  |                |                  | 69               | 69               |
| Mineração      |               |                  |                  | 110.236        | 110.236          |                  | 110.236          |
| Papel Celulose |               | 224.736          |                  |                | 224.736          |                  | 224.736          |
| Petroquímico   |               | 208.357          |                  |                | 208.357          |                  | 208.357          |
| Siderúrgico    |               | 11.439           |                  |                | 11.439           |                  | 11.439           |
| Hig/Limpeza    |               |                  |                  |                |                  |                  |                  |
| Textil         |               |                  |                  |                |                  |                  |                  |
| Outros         | 14            | 141.157          |                  |                | 141.171          | 384              | 141.555          |
| <b>Total</b>   | <b>86.034</b> | <b>1.167.720</b> | <b>2.162.119</b> | <b>112.312</b> | <b>3.528.185</b> | <b>3.678.269</b> | <b>7.206.454</b> |

#### 4.: Produção de R.O.M. - Tipo de Carvão - 2000 - Detalhamento - Toneladas

##### 4.1.: Rio Grande do Sul

| TIPO           | C.R.M            | Palermo       | Copelmi          | Total            |
|----------------|------------------|---------------|------------------|------------------|
| R.O.M          | 3.186.784        | 218.091       | 2.598.222        | 6.003.097        |
| CE-3100        | 40.473           |               | 504.065          | 544.538          |
| CE6000         |                  |               | 1.195            | 1.195            |
| CE-4200        | 67.787           | 65.465        |                  | 133.252          |
| CE-4500        |                  |               | 4.620            | 4.620            |
| CE-4700        |                  |               | 479.356          | 479.356          |
| CE-5200        |                  |               | 261.342          | 261.342          |
| CE3300         | 2.503.240        |               |                  | 2.503.240        |
| <b>TOTAL.:</b> | <b>2.611.500</b> | <b>65.465</b> | <b>1.250.578</b> | <b>3.927.543</b> |

##### 4.2.: Paraná

| Tipo    | Cambuí  |
|---------|---------|
| R.O.M.  | 108.225 |
| CE-3100 |         |
| CE-3300 |         |
| CE-3700 |         |
| CE-4200 |         |
| CE-4700 |         |
| CE-5400 |         |
| CE-5700 |         |
| CE-6000 | 61.967  |

##### 4.3.: Santa Catarina

| Empresa                     | R.O.M.           | CE-4500          | CE-5400/5200  | C.M. Finos    | Total            |
|-----------------------------|------------------|------------------|---------------|---------------|------------------|
| Barro Branco                | 103.342          |                  | 4.505         |               | 4.505            |
| Belluno                     | 622.182          | 268.636          |               |               | 268.636          |
| Cia Carbonifera Catarinense | 295.362          | 188.981          |               |               | 188.981          |
| Criciúma                    | 1.293.808        | 490.504          | 30.365        |               | 520.869          |
| Metropolitana               | 1.532.690        | 670.217          | 13.236        | 15.230        | 698.683          |
| Companhia Carbonifera Uru   |                  |                  | 45.012        |               | 45.012           |
| CBCA                        |                  |                  | 768           | 5.135         | 5.903            |
| Comim                       | 147.571          | 73.964           |               |               | 73.964           |
| Cooperminas                 | 373.449          |                  |               |               |                  |
| Cocalit                     |                  | 74.737           |               |               | 74.737           |
| Rio Deserto                 | 1.558.065        |                  |               |               |                  |
| Minageo                     | 28.512           |                  |               |               |                  |
| São Domingos                |                  | 53.514           |               |               | 53.514           |
| <b>Total</b>                | <b>5.954.981</b> | <b>1.820.553</b> | <b>93.886</b> | <b>20.365</b> | <b>1.934.804</b> |

#### 5.: Vendas de Carvão por Setor de Consumo - 2.000 - Toneladas

##### 5.1.: Rio Grande do Sul

| Setor          | Copelmi | C.R.M.    | Palermo | Total     |
|----------------|---------|-----------|---------|-----------|
| Alimentos      | 63.680  |           | 2.076   | 65.756    |
| Cerâmico       | 278     |           |         | 278       |
| Cimento        | 9.278   |           |         | 9.278     |
| Indústria      |         | 18.496    |         | 18.496    |
| Coque          |         |           |         |           |
| Elétrico       | 508.795 | 2.143.623 |         | 2.652.418 |
| Agropecuário   |         |           |         |           |
| Mineração      |         |           | 110.236 | 110.236   |
| Papel Celulose | 224.736 |           |         | 224.736   |

##### 5.2.: Santa Catarina/Paraná

| Setor         | SIECESC   | Cambuí |
|---------------|-----------|--------|
| Alimentos     | 31.439    |        |
| Cerâmico      | 73.742    |        |
| Cimento       | 3.246     |        |
| Indústria     | 356       |        |
| Coque         | 14.831    |        |
| Elétrico      | 3.554.202 | 86.020 |
| Agropecuário  | 69        |        |
| Mineração     |           |        |
| Papel Celulos |           |        |

|              |                  |                  |                |                  |
|--------------|------------------|------------------|----------------|------------------|
| Petroquímico | 208.357          |                  |                | <b>208.357</b>   |
| Siderúrgico  | 11.439           |                  |                | <b>11.439</b>    |
| Hig/Limpeza  |                  |                  |                |                  |
| Outros       | 141.157          |                  |                | <b>141.157</b>   |
| <b>Total</b> | <b>1.167.720</b> | <b>2.162.119</b> | <b>112.312</b> | <b>3.442.151</b> |

|              |                  |               |
|--------------|------------------|---------------|
| Petroquímico |                  |               |
| Siderúrgico  |                  |               |
| Textil       |                  |               |
| Outros       | 384              | 14            |
| <b>Total</b> | <b>3.678.269</b> | <b>86.034</b> |

Fonte : SNIEC - Sindicato Nacional da Indústria da Extração de Carvão  
SIECESC - Sindicato da Indústria da Extração de Carvão do Estado de Santa Catarina