

# Mineral Consumption of Thailand 2006 - 2007

Quantity : Tonnes

Statistics Group, Information Technology and Communication Center, DPI&M, 15:03, 28/10/2008

Value : Million Baht

| Mineral                          | 2006       |                 | 2007       |                 | Percentage |                |
|----------------------------------|------------|-----------------|------------|-----------------|------------|----------------|
|                                  | Quantity   | Value           | Quantity   | Value           | Quantity   | Value          |
| Andesite (industrial rock)       | 1,389,806  | 138.9           | 1,265,647  | 126.6           | - 8.93%    | - 8.86%        |
| Anhydrite                        | 21,891     | 10.9            | 58,360     | 26.7            | 166.59%    | 144.95%        |
| Ball clay                        | 535,834    | 294.7           | 345,179    | 189.9           | - 35.58%   | - 35.56%       |
| Barite                           |            |                 |            |                 |            |                |
| - Chemical grade (ground)        | 768        | 5.1             | 1,025      | 6.1             | 33.53%     | 19.61%         |
| - Drilling mud (ground)          | -          | -               | 800        | 3.1             | -          | -              |
| - Unground                       | -          | -               | 2,140      | 3.2             | -          | -              |
| Basalt (industrial rock)         | 9,693,889  | 969.4           | 9,558,772  | 955.9           | - 1.39%    | - 1.39%        |
| Cadmium metal                    | -          | -               | 25         | 8.6             | -          | -              |
| Calcite                          | 587,328    | 115.7           | 677,601    | 133.5           | 15.37%     | 15.38%         |
| Cement clay                      | -          | -               | 94,999     | 8.5             | -          | -              |
| Ceramic clay                     | -          | -               | 45         | 0.0**           | -          | -              |
| Copper metal                     | 117        | 2.3             | 514        | 87.3            | 339.15%    | 3695.65%       |
| Diatomite                        | 1,000      | 0.9             | 1,700      | 1.5             | 70.00%     | 66.67%         |
| Dolomite                         | 312,052    | 109.2           | 494,183    | 173.0           | 58.37%     | 58.42%         |
| Feldspar                         |            |                 |            |                 |            |                |
| - Potassium (unground)           | 4,520      | 7.7             | 2,070      | 3.6             | - 54.20%   | - 53.25%       |
| - Sodium (ground)                | 277,042    | 387.9           | 193,860    | 271.4           | - 30.03%   | - 30.03%       |
| - Sodium (unground)              | 98,711     | 69.1            | 89,245     | 62.5            | - 9.59%    | - 9.55%        |
| Fluorite (metallurgical grade)   | 626        | 2.5             | 3,182      | 12.9            | 408.31%    | 416.00%        |
| Gem stone (unit : gram)          | 16,112     | n.a.            | 20,789     | n.a.            | 29.03%     | -              |
| Glass sand                       | 859,240    | 300.7           | 828,020    | 289.8           | - 3.63%    | - 3.62%        |
| Gneiss (dimension stone)         | 43         | 0.2             | 42         | 0.1             | - 2.56%    | - 50.00%       |
| Granite                          |            |                 |            |                 |            |                |
| - Dimension stone                | 8,532*     | 42.7            | 9,652*     | 49.1            | 13.12%     | 14.99%         |
| - Industrial rock                | 4,455,694  | 445.6           | 4,949,476  | 495.0           | 11.08%     | 11.09%         |
| Grawacke(industrial rock-others) | 508,759    | 35.6            | 744,666    | 52.1            | 46.37%     | 46.35%         |
| Gypsum (unground)                | 2,448,992  | 1,236.9         | 2,352,592  | 1,080.5         | - 3.94%    | - 12.64%       |
| Iron ore                         | 339        | 0.1             | -          | -               | -          | -              |
| Kaolin                           |            |                 |            |                 |            |                |
| - Filler                         | 9,326      | 17.7            | 8,585      | 16.3            | - 7.95%    | - 7.91%        |
| - Unwashed                       | 567,375    | 218.4           | 475,664    | 183.1           | - 16.16%   | - 16.16%       |
| - Washed                         | 156,402    | 150.1           | 160,070    | 153.7           | 2.35%      | 2.40%          |
| Lead metal                       | 174        | 2.3             | -          | -               | -          | -              |
| Lignite                          | 18,852,120 | 9,426.1         | 17,970,429 | 8,985.2         | - 4.68%    | - 4.68%        |
| Limestone                        |            |                 |            |                 |            |                |
| - Dimension stone                | 166        | 0.3             | 43         | 0.1             | - 74.40%   | - 66.67%       |
| - Industrial rock-construction   | 80,042,761 | 5,603.0         | 83,595,220 | 5,851.7         | 4.44%      | 4.44%          |
| - Industrial rock-cement         | 64,108,600 | 5,449.2         | 62,361,409 | 5,300.7         | - 2.73%    | - 2.73%        |
| - Industrial rock-others         | 3,767,745  | 320.3           | 4,036,792  | 343.1           | 7.14%      | 7.12%          |
| Marble                           |            |                 |            |                 |            |                |
| - Dimension stone                | 16,631*    | 59.9            | 14,385*    | 52.8            | - 13.51%   | - 11.85%       |
| - Fragment                       | 538,645*   | 121.2           | 940,381*   | 211.6           | 74.58%     | 74.59%         |
| Marl                             | 77,600     | 6.6             | 31,550     | 2.7             | - 59.34%   | - 59.09%       |
| Perlite (industrial rock)        | 14,300     | 10.1            | 15,600     | 11.0            | 9.09%      | 8.91%          |
| Phosphate                        | 1,114      | 0.5             | 2,500      | 1.0             | 124.42%    | 100.00%        |
| Pyrophyllite                     | 154,052    | 53.9            | 249,536    | 87.3            | 61.98%     | 61.97%         |
| Quartz                           |            |                 |            |                 |            |                |
| - Ground                         | 4,011      | 3.0             | 934        | 0.7             | - 76.71%   | - 76.67%       |
| - Unground                       | 250        | 0.2             | 200        | 0.2             | - 20.00%   | 0.00%          |
| Rhyolite (industrial rock)       | 776,369    | 54.3            | 796,406    | 55.7            | 2.58%      | 2.58%          |
| Rock salt                        | 989,813    | 494.9           | 1,154,459  | 577.2           | 16.63%     | 16.63%         |
| Sand                             |            |                 |            |                 |            |                |
| - Stone (dimension stone)        | 400        | 0.3             | 820        | 0.6             | 105.00%    | 100.00%        |
| - Stone (industrial rock)        | 120,749    | 6.0             | 127,646    | 6.4             | 5.71%      | 6.67%          |
| Shale (industrial rock-cement)   | 5,486,302  | 493.8           | 4,545,900  | 403.9           | - 17.14%   | - 18.21%       |
| Talc (unground)                  | 4,224      | 2.5             | 3,400      | 2.0             | - 19.52%   | - 20.00%       |
| Tin                              |            |                 |            |                 |            |                |
| - Tin metal                      | 4,915      | 1,614.8         | 3,210      | 1,593.9         | - 34.69%   | - 1.29%        |
| - Tin-lead alloy                 | 971        | n.a.            | 718        | n.a.            | - 26.13%   | -              |
| Travertine (dimension stone)     | 3,316      | 6.6             | 3,430      | 6.9             | 3.44%      | 4.55%          |
| Zinc                             |            |                 |            |                 |            |                |
| - Zinc alloy                     | 24,964     | 3,381.3         | 27,236     | 3,352.6         | 9.10%      | - 0.85%        |
| - Zinc metal                     | 64,130     | 7,403.1         | 57,629     | 6,897.7         | - 10.14%   | - 6.83%        |
| Zircon                           | -          | -               | 525        | 6.7             | -          | -              |
| <b>Total</b>                     |            | <b>39,076.5</b> |            | <b>38,145.7</b> |            | <b>- 2.38%</b> |

:- n.a. = not available :- \* = Cubic Meter :- 0.0\*\* = denoting the amount of less than 0.05 million baht