

# Mineral Export of Thailand (Fiscal Year) 2004 - 2005

Quantity : Tonnes

Statistics and Data Group, Bureau of Development and Promotion, DPI&M.

6/2/2006

Value : Million Baht

| Mineral                                   | 2004       |                 | 2005      |                 | Percentage |               |
|---|------------|-----------------|-----------|-----------------|------------|---------------|
|   | Quantity   | Value           | Quantity  | Value           | Quantity   | Value         |
| <b>Iron and Ferro Alloy</b>               |            |                 |           |                 |            |               |
| Columbium pentoxide powder                | 16         | 6.6             | 24        | 9.2             | 50.00%     | 39.39%        |
| Iron ore                                  | 67,072     | 101.7           | 41,100    | 106.2           | - 38.72%   | 4.42%         |
| <b>Manganese</b>                          |            |                 |           |                 |            |               |
| - Manganese                               | -          | -               | 400       | 1.3             | -          | -             |
| - Metallurgical grade                     | -          | -               | 1,325     | 2.1             | -          | -             |
| Tantalum pentoxide powder                 | 1          | 4.9             | 26        | 145.2           | 3150.00%   | 2863.27%      |
| Tantalum powder                           | 202        | 2,016.8         | 76        | 761.9           | - 62.28%   | - 62.22%      |
| <b>Tungsten</b>                           |            |                 |           |                 |            |               |
| - Scheelite                               | 128        | 13.8            | 122       | 19.0            | - 4.67%    | 37.68%        |
| - Wolfram                                 | 108        | 9.4             | 1,291     | 1.6             | 1096.48%   | - 82.98%      |
| Total                                     |            | 2,153.2         |           | 1,046.5         |            | - 51.40%      |
| %   |            | 16.99           |           | 6.24            |            | -0.63         |
| <b>Base Metals</b>                        |            |                 |           |                 |            |               |
| Copper metal                              | -          | -               | 995       | 129.7           | -          | -             |
| <b>Tin</b>                                |            |                 |           |                 |            |               |
| - Tin dross                               | -          | -               | 34        | 6.7             | -          | -             |
| - Final slag                              | 249        | 46.8            | 368       | 55.5            | 47.53%     | 18.59%        |
| - Hard head                               | 79         | 16.8            | 22,893    | 26.1            | 29062.55%  | 55.36%        |
| - Tin metal                               | 12,973     | 3,919.6         | 25,549    | 9,527.9         | 96.94%     | 143.08%       |
| - Tin-lead alloy                          | 54         | 11.1            | 52        | 11.5            | - 3.92%    | 3.60%         |
| <b>Zinc</b>                               |            |                 |           |                 |            |               |
| - Zinc alloy                              | 16,972     | 734.9           | 13,463    | 731.7           | - 20.68%   | - 0.44%       |
| - Zinc metal                              | 3,514      | 126.3           | 1,129     | 52.2            | - 67.89%   | - 58.67%      |
| Total                                     |            | 4,855.5         |           | 10,541.3        |            | 117.10%       |
| %   |            | 38.31           |           | 62.90           |            | 0.64          |
| <b>Precious Metals and Precious Stone</b> |            |                 |           |                 |            |               |
| Gold metal (unit : gram)                  | 4,610,500  | 2,365.4         | 2,965,000 | 1,622.2         | - 35.69%   | - 31.42%      |
| Silver metal                              | 11,253,000 | 79.9            | 8,737,000 | 77.5            | - 22.36%   | - 3.00%       |
| Total                                     |            | 2,445.3         |           | 1,699.7         |            | - 30.49%      |
| %   |            | 19.30           |           | 10.14           |            | -0.47         |
| <b>Light Metals and Rare Earth</b>        |            |                 |           |                 |            |               |
| Ilmenite                                  | 20         | 0.0**           | 40        | 0.1             | 100.00%    | -             |
| Monazite                                  | 3,029      | 36.2            | 877       | 10.3            | - 71.05%   | - 71.55%      |
| Rutile                                    | -          | -               | 82        | 0.6             | -          | -             |
| Struverite                                | 20         | 1.0             | 37        | 2.2             | 84.00%     | 120.00%       |
| Xenotime                                  | 100        | 3.5             | 28        | 0.4             | - 71.83%   | - 88.57%      |
| Zircon                                    | 3,330      | 47.9            | 3,412     | 89.9            | 2.47%      | 87.68%        |
| Total                                     |            | 88.6            |           | 103.5           |            | 16.80%        |
| %   |            | 0.70            |           | 0.62            |            | -0.11         |
| <b>Cement Industrial Minerals</b>         |            |                 |           |                 |            |               |
| Anhydrite                                 | 464,250    | 204.4           | 469,140   | 235.9           | 1.05%      | 15.41%        |
| <b>Gypsum</b>                             |            |                 |           |                 |            |               |
| - Ground                                  | 4,085      | 10.9            | 3,089     | 8.7             | - 24.37%   | - 20.18%      |
| - Unground                                | 5,369,515  | 2,351.9         | 4,748,614 | 2,434.7         | - 11.56%   | 3.52%         |
| Total                                     |            | 2,567.2         |           | 2,679.3         |            | 4.37%         |
| %   |            | 20.26           |           | 15.99           |            | -0.21         |
| <b>Ceramic Industrial Minerals</b>        |            |                 |           |                 |            |               |
| Ball clay                                 | 18,466     | 70.4            | 17,380    | 62.8            | - 5.88%    | - 10.80%      |
| <b>Dolomite</b>                           |            |                 |           |                 |            |               |
| - Ground                                  | 200        | 0.2             | 280       | 0.6             | 40.00%     | 200.00%       |
| - Unground                                | 538,400    | 117.1           | 572,000   | 128.0           | 6.24%      | 9.31%         |
| <b>Feldspar</b>                           |            |                 |           |                 |            |               |
| - Sodium (ground)                         | 302,740    | 205.4           | 341,112   | 251.3           | 12.67%     | 22.35%        |
| - Sodium (unground)                       | 67,500     | 45.4            | 37,100    | 24.1            | - 45.04%   | - 46.92%      |
| <b>Kaolin</b>                             |            |                 |           |                 |            |               |
| - Unwashed                                | 10,000     | 6.9             | 5,500     | 3.8             | - 45.00%   | - 44.93%      |
| - Washed                                  | 1,566      | 6.7             | 4,698     | 9.2             | 200.00%    | 37.31%        |
| Quartz (ground)                           | 20         | 0.0**           | 41        | 0.2             | 105.00%    | -             |
| Total                                     |            | 452.1           |           | 480.0           |            | 6.17%         |
| %   |            | 3.57            |           | 2.86            |            | -0.20         |
| <b>Industrial Rock</b>                    |            |                 |           |                 |            |               |
| Granite                                   | 1,176      | 0.1             | 32,200    | 24.8            | 2638.10%   | 24700.00%     |
| Gravel (industriail rock)                 | 1,010      | 5.6             | 1,952     | 7.2             | 93.24%     | 28.57%        |
| Total                                     |            | 5.7             |           | 32.0            |            | 461.40%       |
| %   |            | 0.04            |           | 0.19            |            | 3.75          |
| <b>Other Industrial Minerals</b>          |            |                 |           |                 |            |               |
| <b>Barite</b>                             |            |                 |           |                 |            |               |
| - Chemical grade (ground)                 | 1,734      | 10.9            | 2,942     | 18.5            | 69.67%     | 69.72%        |
| - Unground                                | 13,850     | 14.5            | -         | -               | -          | -             |
| Fluorite (metallurgical grade)            | 3,700      | 7.6             | -         | -               | -          | -             |
| Limestone                                 | 164,290    | 66.4            | 357,716   | 128.9           | 117.73%    | 94.13%        |
| Pyrophyllite                              | 2,031      | 5.8             | 1,075     | 2.8             | - 47.06%   | - 51.72%      |
| Total                                     |            | 105.2           |           | 150.2           |            | 42.78%        |
| %   |            | 0.83            |           | 0.90            |            | 0.08          |
| <b>Total</b>                              |            | <b>12,672.8</b> |           | <b>16,757.9</b> |            | <b>32.23%</b> |

- 0.0\*\* = denoting the amount of less than 0.05 million baht