

## Mineral Import of Thailand 2013 - 2014

Quantity : Tonnes  
Value : Million Baht

| Mineral                                 | 2013      |                 | 2014       |                 | Percentage |               |
|---|-----------|-----------------|------------|-----------------|------------|---------------|
|   | Quantity  | Value           | Quantity   | Value           | Quantity   | Value         |
| Aluminium ore                           | 42,327    | 317.9           | 40,667     | 305.7           | -3.92%     | -3.84%        |
| Andalusite, Kyannite and Sillimanite    | 4,744     | 53.9            | 2,726      | 34.3            | -42.54%    | -36.36%       |
| Anhydrite                               | 19        | 0.5             | -          | -               | -100.00%   | -100.00%      |
| Anthracite                              | 101,683   | 570.0           | 184,231    | 833.9           | 81.18%     | 46.30%        |
| Antimony ore                            | 8,290     | 218.6           | 4,392      | 145.0           | -47.02%    | -33.67%       |
| Apatite (ground)                        | 1,292     | 6.5             | 1,427      | 6.2             | 10.41%     | -4.62%        |
| Asbestos                                | 53,130    | 826.9           | 42,625     | 684.0           | -19.77%    | -17.28%       |
| Barite                                  | 67,537    | 285.9           | 65,236     | 202.0           | -3.41%     | -29.35%       |
| Basalt                                  | 25,392    | 163.8           | 25,937     | 166.5           | 2.15%      | 1.65%         |
| Bentonite                               | 103,228   | 639.3           | 101,284    | 665.3           | -1.88%     | 4.07%         |
| Bituminous coal                         | 8,308,880 | 21,464.0        | 10,731,867 | 28,802.4        | 29.16%     | 34.19%        |
| Chalk                                   | 67        | 1.4             | 81         | 2.5             | 21.59%     | 78.57%        |
| Chromite ore                            | 2,739     | 40.1            | 2,473      | 35.0            | -9.71%     | -12.72%       |
| Coal Solid Fuels from Coal              | 9,559,821 | 19,086.6        | 9,931,740  | 17,664.0        | 3.89%      | -7.45%        |
| Coke                                    | 39,090    | 515.7           | 39,102     | 504.5           | 0.03%      | -2.17%        |
| Columbite                               | 117       | 88.5            | 10         | 5.5             | -91.46%    | -93.79%       |
| Copper                                  | 6,666     | 37.3            | 9,502      | 56.8            | 42.55%     | 52.28%        |
| Dolomite                                | 853       | 9.5             | 3,137      | 59.9            | 267.82%    | 530.53%       |
| Emery                                   | 7,093     | 74.3            | 17,953     | 173.3           | 153.12%    | 133.24%       |
| Feldspar                                |           |                 |            |                 |            |               |
| - Potassium                             | 30,395    | 94.6            | 36,000     | 117.6           | 18.44%     | 24.31%        |
| - Sodium                                | 5,871     | 20.9            | 2,807      | 11.6            | -52.19%    | -44.50%       |
| - Other Feldspar                        | 5,612     | 35.9            | 8,275      | 53.6            | 47.45%     | 49.30%        |
| Fireclay                                | 618       | 10.6            | 553        | 6.6             | -10.45%    | -37.74%       |
| Flint                                   | 1,345     | 10.9            | 30,663     | 18.9            | 2179.78%   | 73.39%        |
| Fluorite                                | 578       | 12.2            | 545        | 12.2            | -5.71%     | 0.00%         |
| Granite                                 | 132,200   | 491.8           | 128,227    | 525.1           | -3.01%     | 6.77%         |
| Graphite                                | 2,121     | 118.1           | 3,300      | 119.7           | 55.60%     | 1.35%         |
| Gypsum                                  | 488       | 8.3             | 456        | 7.3             | -6.47%     | -12.05%       |
| Ilmenite ore                            | 78        | 4.0             | 198        | 7.0             | 153.90%    | 75.00%        |
| Iron ore                                | 5,774     | 41.6            | 4,422      | 35.2            | -23.42%    | -15.38%       |
| Iron Pyrites                            | 278       | 3.2             | 310        | 4.7             | 11.47%     | 46.88%        |
| Kaolin                                  |           |                 |            |                 |            |               |
| - Ceramic                               | 17,240    | 133.2           | 68,240     | 182.7           | 295.83%    | 37.16%        |
| - Paper                                 | 3,166     | 29.6            | 7,486      | 74.7            | 136.48%    | 152.36%       |
| - Others                                | 69,061    | 639.9           | 66,833     | 697.6           | -3.23%     | 9.02%         |
| Kieserite                               | 10,444    | 59.0            | 4,848      | 27.8            | -53.58%    | -52.88%       |
| Lead ore                                | 0.02      | 0.01            | 20         | 0.3             | 133233.33% | 4320.22%      |
| Lignite                                 | 4,870     | 24.8            | 35,502     | 50.5            | 629.06%    | 103.63%       |
| Limestone                               | 3,057     | 3.3             | 3,046      | 3.9             | -0.36%     | 18.18%        |
| Lucite, Nepheline and Nepheline Syenite | 1,464     | 13.7            | 1,338      | 13.7            | -8.62%     | 0.00%         |
| Magnesite                               | 7,073     | 92.5            | 7,146      | 81.1            | 1.03%      | -12.32%       |
| Manganese ore                           | 18,017    | 38.3            | 18,518     | 37.3            | 2.78%      | -2.61%        |
| Marble                                  | 37,128    | 348.0           | 38,279     | 387.6           | 3.10%      | 11.38%        |
| Mica                                    | 4,504     | 119.6           | 4,392      | 122.2           | -2.49%     | 2.17%         |
| Molybdenite ore                         | 7,144     | 426.1           | 13,594     | 1,660.1         | 90.28%     | 289.60%       |
| Mullite                                 | 2,115     | 29.2            | 1,898      | 28.9            | -10.28%    | -1.03%        |
| Nickel ore                              | -         | -               | 45         | 3.6             | -          | -             |
| Niobium and Vanadium ore                | 12,810    | 1,656.4         | 14,050     | 1,084.7         | 9.68%      | -34.51%       |
| Orpiment                                | 163       | 1.0             | 0.1        | 0.004           | -99.94%    | -99.60%       |
| Peat                                    | 9,182     | 79.7            | 10,662     | 96.7            | 16.11%     | 21.33%        |
| Phosphate (ground)                      | 0.002     | 0.001           | 1          | 0.03            | 49900.00%  | 2680.35%      |
| Pumice stone                            | 5,475     | 58.4            | 5,035      | 51.6            | -8.03%     | -11.64%       |
| Pyrophyllite                            | 42        | 0.7             | 1          | 0.5             | -97.62%    | -28.57%       |
| Quartz                                  | 3,248     | 17.7            | 5,920      | 39.4            | 82.28%     | 122.60%       |
| Sandstone                               | 220       | 2.6             | 823        | 11.6            | 274.09%    | 346.15%       |
| Silica sand                             | 110,329   | 234.9           | 165,366    | 299.3           | 49.88%     | 27.42%        |
| Silver ore                              | 12        | 1.2             | 12         | 1.2             | 2.74%      | 0.00%         |
| Slate                                   | 117       | 0.8             | 150        | 1.0             | 27.87%     | 25.00%        |
| Steatite                                | 927       | 12.0            | 805        | 15.2            | -13.12%    | 26.67%        |
| Sulphur                                 | 137,587   | 685.0           | 115,426    | 715.5           | -16.11%    | 4.45%         |
| Talc                                    | 143,049   | 1,751.1         | 137,228    | 1,662.8         | -4.07%     | -5.04%        |
| Tantalite                               | 42        | 77.0            | 182        | 356.2           | 334.43%    | 362.60%       |
| Tin ore                                 | 648       | 280.4           | 5,851      | 2,385.5         | 803.49%    | 750.75%       |
| Titanium ore                            |           |                 |            |                 |            |               |
| - Rutile                                | 3,991     | 220.3           | 6,799      | 241.1           | 70.37%     | 9.44%         |
| - Leucogene                             | 2,540     | 128.5           | 1,700      | 59.0            | -33.07%    | -54.09%       |
| - Ilmenite                              | 900       | 17.2            | 1,160      | 18.1            | 28.89%     | 5.23%         |
| - Other Titanium ore                    | 1,161     | 15.0            | 2,064      | 25.5            | 77.77%     | 70.00%        |
| Travertine                              | 0.02      | 0.01            | 17         | 0.2             | 77172.73%  | 1632.20%      |
| Tungsten                                |           |                 |            |                 |            |               |
| - Scheelite                             | -         | 0.0004          | -          | -               | -          | -             |
| - Wolfram                               | 5         | 1.3             | 3          | 0.8             | -43.61%    | -38.46%       |
| Vermiculite, Perlite and Chlorites      | 3,859     | 34.5            | 4,617      | 48.3            | 19.65%     | 40.00%        |
| Witherite                               | 325       | 4.3             | 191        | 2.6             | -41.20%    | -39.53%       |
| Zinc ore                                | 119,896   | 2,451.5         | 41,747     | 999.0           | -65.18%    | -59.25%       |
| Zirconium ore                           | 35,696    | 506.8           | 51,545     | 629.1           | 44.40%     | 24.13%        |
| <b>Total</b>                            |           | <b>55,448.3</b> |            | <b>63,383.2</b> |            | <b>14.31%</b> |