

# Mineral Consumption of Thailand (Fiscal Year) 2013 - 2014

Quantity : Tonnes

Statistics Group, Information Technology and Communication Center, DPI&M., 13:56, 27/11/2014

Value : Million Baht

| Mineral                          | 2013       |                 | #2014#     |                 | Percentage |                |
|----------------------------------|------------|-----------------|------------|-----------------|------------|----------------|
|                                  | Quantity   | Value           | Quantity   | Value           | Quantity   | Value          |
| Andesite (industrial rock)       | 1,031,154  | 139.2           | 813,772    | 109.9           | - 21.08%   | - 21.05%       |
| Ball clay                        | 335,008    | 184.3           | 242,490    | 133.4           | - 27.62%   | - 27.62%       |
| Barite drilling mud (ground)     | 17,950     | 69.9            | 38,597     | 150.3           | 115.03%    | 115.02%        |
| Basalt (industrial rock)         | 9,949,238  | 1,343.2         | 13,351,251 | 1,802.4         | 34.19%     | 34.19%         |
| Bentonite                        | -          | -               | 150        | 0.1             | -          | -              |
| Calcite                          | 762,411    | 150.2           | 962,479    | 189.6           | 26.24%     | 26.23%         |
| Cement clay (industrial rock)    | 3,394,657  | 305.5           | 4,040,920  | 363.7           | 19.04%     | 19.05%         |
| Ceramic clay (industrial rock)   | 69,506     | 38.2            | 237,486    | 130.6           | 241.68%    | 241.88%        |
| Dolomite                         | 1,137,063  | 398.0           | 1,267,564  | 443.6           | 11.48%     | 11.46%         |
| Feldspar                         |            |                 |            |                 |            |                |
| - Potassium (unground)           | 1,612      | 2.7             | 10,650     | 16.5            | 560.67%    | 511.11%        |
| - Sodium (ground)                | 160,591    | 224.8           | 204,795    | 286.7           | 27.53%     | 27.54%         |
| - Sodium (unground)              | 96,601     | 67.6            | 136,265    | 95.4            | 41.06%     | 41.12%         |
| Fluorite (metallurgical grade)   | 96         | 0.6             | 60         | 0.4             | - 37.50%   | - 33.33%       |
| Glass sand                       | 479,084    | 167.7           | 613,108    | 214.6           | 27.98%     | 27.97%         |
| Gneiss (dimension stone)         | 135        | 0.5             | -          | -               | -          | -              |
| Granite                          |            |                 |            |                 |            |                |
| - Dimension stone                | 3,025*     | 17.0            | 4,585*     | 27.1            | 51.56%     | 59.41%         |
| - Industrial rock                | 7,421,501  | 1,001.9         | 5,969,374  | 805.9           | - 19.57%   | - 19.56%       |
| Grawacke(industrial rock-others) | 746,901    | 78.4            | 882,608    | 92.7            | 18.17%     | 18.24%         |
| Gypsum (unground)                | 3,921,183  | 1,981.4         | 3,025,918  | 1,665.9         | - 22.83%   | - 15.92%       |
| Kaolin                           |            |                 |            |                 |            |                |
| - Unwashed                       | 650,723    | 250.5           | 637,920    | 245.6           | - 1.97%    | - 1.96%        |
| - Washed                         | 147,230    | 131.9           | 145,612    | 139.8           | - 1.10%    | 5.99%          |
| Lignite                          | 18,715,379 | 17,966.8        | 18,803,368 | 18,051.2        | 0.47%      | 0.47%          |
| Limestone                        |            |                 |            |                 |            |                |
| - Dimension stone                | 132        | 0.3             | 99         | 0.2             | - 25.00%   | - 33.33%       |
| - Industrial rock-construction   | 85,434,669 | 8,970.6         | 78,244,813 | 8,215.7         | - 8.42%    | - 8.42%        |
| - Industrial rock-cement         | 68,282,290 | 8,193.9         | 65,094,503 | 7,811.3         | - 4.67%    | - 4.67%        |
| - Industrial rock-others         | 5,532,492  | 663.9           | 6,219,769  | 746.4           | 12.42%     | 12.43%         |
| Manganese (metallurgical grade)  | 86         | 0.4             | 6,261      | 31.5            | 7180.23%   | 7775.00%       |
| Marble                           |            |                 |            |                 |            |                |
| - Dimension stone                | 51,810*    | 198.2           | 7,848*     | 30.6            | - 84.85%   | - 84.56%       |
| - Fragment                       | 416,377*   | 135.3           | 481,609*   | 156.5           | 15.67%     | 15.67%         |
| Marl                             | 13,200     | 1.1             | 2,900      | 0.2             | - 78.03%   | - 81.82%       |
| Perlite (industrial rock)        | 10,693     | 7.6             | 12,800     | 9.0             | 19.70%     | 18.42%         |
| Phosphate                        | 563        | 0.2             | 500        | 0.2             | - 11.21%   | 0.00%          |
| Pyrophyllite                     | 17,500     | 6.1             | 34,500     | 12.5            | 97.14%     | 104.92%        |
| Quartz                           |            |                 |            |                 |            |                |
| - Ground                         | 2,791      | 2.1             | 2,947      | 2.2             | 5.59%      | 4.76%          |
| - Unground                       | 54,860     | 41.1            | 137,022    | 102.8           | 149.77%    | 150.12%        |
| - Industrial rock                | 236,077    | 24.8            | 112,933    | 11.9            | - 52.16%   | - 52.02%       |
| Rhyolite (industrial rock)       | 811,966    | 85.3            | 844,627    | 88.7            | 4.02%      | 3.99%          |
| Rock salt                        | 1,342,383  | 1,476.6         | 1,345,524  | 1,480.1         | 0.23%      | 0.24%          |
| Sand stone                       |            |                 |            |                 |            |                |
| - Dimension stone                | 2,565      | 1.8             | 630        | 0.4             | - 75.44%   | - 77.78%       |
| - Industrial rock                | 346,450    | 34.6            | 267,691    | 26.8            | - 22.73%   | - 22.54%       |
| Shale (industrial rock-cement)   | 4,501,699  | 562.7           | 4,940,304  | 617.5           | 9.74%      | 9.74%          |
| Talc (unground)                  | 7,544      | 4.5             | 7,087      | 4.3             | - 6.06%    | - 4.44%        |
| Tin                              |            |                 |            |                 |            |                |
| - Tin metal                      | 2,994      | 1,987.0         | 3,167      | 2,309.8         | 5.78%      | 16.25%         |
| - Tin-lead alloy                 | 204        | n.a.            | -          | -               | -          | -              |
| Travertine (dimension stone)     | 80         | 0.2             | 400        | 0.8             | 400.00%    | 300.00%        |
| Zinc                             |            |                 |            |                 |            |                |
| - Zinc alloy                     | 34,497     | 2,261.3         | 30,288     | 2,278.4         | - 12.20%   | 0.76%          |
| - Zinc metal                     | 34,955     | 2,149.8         | 29,491     | 2,007.5         | - 15.63%   | - 6.62%        |
| <b>Total</b>                     |            | <b>51,329.7</b> |            | <b>50,910.7</b> |            | <b>- 0.82%</b> |

-: n.a. = not available    -: \* = Cubic Meter    -: #2014# = Preliminary