# Mineral Import of Thailand 2009 - 2010 (Jan. - Sep.)

Quantity : Tonnes
Value : Million Baht

| Mineral | 2009 | | 2010 | | Percentage | |
|---|---|---|---|---|---|---|
| | Quantity | Value | Quantity | Value | Quantity | Value |
| **Mineral Fuels and Energy** | | | | | | |
| Anthracite | 497,214 | 1,600.2 | 275,872 | 1,092.5 | -44.52% | -31.73% |
| Bituminous coal | 5,475,134 | 12,909.8 | 5,314,530 | 12,492.0 | -2.93% | -3.24% |
| Coke | 78,077 | 827.2 | 158,071 | 2,199.4 | 102.46% | 165.88% |
| Lignite | 5 | 0.2 | 78 | 1.1 | 1460.00% | 450.00% |
| Peat | 4,423 | 34.6 | 5,924 | 48.8 | 33.94% | 41.04% |
| Other coal | 6,268,301 | 12,695.2 | 6,605,548 | 12,959.7 | 5.38% | 2.08% |
| Total | | 28,067.2 | | 28,793.5 | | 2.59% |
| % | | 67.16 | | 67.90 | | 1.11% |
| **Iron and Ferro Alloy** | | | | | | |
| Chromite ore | 450 | 6.1 | 2,183 | 28.9 | 385.11% | 373.77% |
| Cobalt ore | 0* | 0.1 | - | - | - | -100.00% |
| Columbite | 123 | 95.8 | - | - | -100.00% | -100.00% |
| Iron ore | 19,995,074 | 179.5 | 455,251 | 1,675.7 | -97.72% | 833.54% |
| Iron Pyrites | 118 | 2.2 | 189 | 2.7 | 60.17% | 22.73% |
| Manganese ore | 50 | 1.6 | 773 | 3.2 | 1446.00% | 100.00% |
| Molybdenite ore | 2,721 | 208.4 | 7,675 | 1,334.0 | 182.07% | 540.12% |
| Nickel ore | 1 | 0.1 | 0.2 | 0.1 | -80.00% | 0.00% |
| Tungsten (wolfram) | 4 | 0.3 | 5 | 0.4 | 25.00% | 33.33% |
| Total | | 494.1 | | 3,045.0 | | 516.27% |
| % | | 1.18 | | 7.18 | | 507.37% |
| **Base Metals** | | | | | | |
| Aluminium ore | 22,981 | 215.9 | 19,010 | 190.7 | -17.28% | -11.67% |
| Antimony ore | 886 | 13.7 | 2,255 | 81.5 | 154.51% | 494.89% |
| Copper | 10.0 | 0.3 | 175 | 2.6 | 1650.00% | 766.67% |
| Lead ore | 0.2 | 0.0** | 83 | 0.5 | 41400.00% | - |
| Tin ore | 13,749 | 3,129.6 | 1,894 | 645.6 | -86.22% | -79.37% |
| Zinc ore | 123,827 | 1,581.3 | 143,701 | 3,077.6 | 16.05% | 94.62% |
| Total | | 4,940.8 | | 3,998.5 | | -19.07% |
| % | | 11.82 | | 9.43 | | -20.24% |
| **Precious Metals and Precious Stone** | | | | | | |
| Emery | 3,158 | 38.2 | 3,623 | 40.8 | 14.72% | 6.81% |
| Silver ore | 13 | 0.6 | 14 | 0.7 | 7.69% | 16.67% |
| Total | | 38.8 | | 41.5 | | 6.96% |
| % | | 0.09 | | 0.10 | | 5.41% |
| **Light Metals and Rare Earth** | | | | | | |
| ilmenite ore | 42 | 1.1 | 42 | 1.0 | 0.00% | -9.09% |
| Niobium and Vanadium ore | 10,744 | 37.1 | 6,756 | 885.6 | -37.12% | 2287.06% |
| Titanium ore | | | | | | |
| - Rutile | 6,612 | 54.4 | 4,657 | 50.3 | -29.57% | -7.54% |
| - Leucoxene | 2,508 | 66.2 | 6,140 | 166.5 | 144.82% | 151.51% |
| - Ilmenite | 440 | 4.1 | 500 | 4.8 | 13.64% | 17.07% |
| - Other Titanium ore | 189 | 2.9 | 677 | 11.1 | 258.20% | 282.76% |
| Zirconium ore | 15,633 | 188.3 | 33,490 | 336.2 | 114.23% | 78.54% |
| Total | | 354.1 | | 1,455.5 | | 311.04% |
| % | | 0.85 | | 3.43 | | 305.10% |
| **Cement Industrial Minerals** | | | | | | |
| Anhydrite | - | - | 25 | 0.7 | - | - |
| Gypsum | 268 | 5.5 | 425 | 7.7 | 58.58% | 40.00% |
| Limestone | 3,225 | 3.1 | 49 | 2.3 | -98.48% | -25.81% |
| Total | | 8.6 | | 10.7 | | 24.42% |
| % | | 0.02 | | 0.03 | | 22.62% |
| **Ceramic Industrial Minerals** | | | | | | |
| Andalusite, Kyannite and Sillimanite | 1,854 | 26.6 | 2,176 | 31.9 | 17.37% | 19.92% |
| Attapulgite | 6.0 | 0.4 | 46 | 0.6 | 666.67% | 50.00% |
| Ball Clay | 18,481 | 51.2 | 5,559 | 35.4 | -69.92% | -30.86% |
| Dolomite | 294 | 5.1 | 802 | 8.7 | 172.79% | 70.59% |

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| | Quantity | Value | Quantity | Value | Quantity | Value |
| **Ceramic Industrial Minerals** | | | | | | |
| Feldspar | | | | | | |
| - Potassium | 17,960 | 58.9 | 21,014 | 66.6 | 17.00% | 13.07% |
| - Sodium | 6,968 | 15.7 | 2,392 | 8.8 | -65.67% | -43.95% |
| - Other Feldspar | 2,666 | 16.5 | 2,861 | 18.0 | 7.31% | 9.09% |
| Kaolin | | | | | | |
| - Ceramic | 6,191 | 73.4 | 10,261 | 112.5 | 65.74% | 53.27% |
| - Paper | 3,650 | 43.2 | 4,303 | 47.7 | 17.89% | 10.42% |
| - Others | 43,401 | 277.6 | 46,978 | 396.9 | 8.24% | 42.98% |
| Lucite, Nepheline and Nepheline Syenite | 901 | 8.6 | 1,183 | 12.6 | 31.30% | 46.51% |
| Mullite | 566 | 10.3 | 1,253 | 16.4 | 121.38% | 59.22% |
| Quartz | 1,672 | 6.6 | 2,120 | 21.5 | 26.79% | 225.76% |
| Silica sand | 20,381 | 76.8 | 24,542 | 74.2 | 20.42% | -3.39% |
| Total | | 670.9 | | 851.8 | | 26.96% |
| % | | 1.61 | | 2.01 | | 25.13% |
| **Dimension Stone** | | | | | | |
| Basalt | 11,984 | 75.2 | 260,046 | 65.9 | 2069.94% | -12.37% |
| Ecaussine | 11 | 0.0** | - | - | -100.00% | - |
| Marble | 28,102 | 224.3 | 31,768 | 235.3 | 13.05% | 4.90% |
| Granite | 102,281 | 407.0 | 99,722 | 356.5 | -2.50% | -12.41% |
| Travertine | 0* | 0.0** | - | - | - | - |
| Sandstone | 441 | 6.1 | - | - | -100.00% | -100.00% |
| Slate | - | - | 306 | 3.9 | - | - |
| Total | | 712.6 | | 661.6 | | -7.16% |
| % | | 1.71 | | 1.56 | | -8.50% |
| **Industrial Rock** | | | | | | |
| Flint | 1,031 | 8.3 | 3,014 | 9.6 | 192.34% | 15.66% |
| Pumice stone | 2,889 | 30.0 | 3,695 | 38.7 | 27.90% | 29.00% |
| Vermiculite, Perlite and Chlorites | 926 | 7.6 | 1,490 | 11.8 | 60.91% | 55.26% |
| Total | | 45.9 | | 60.1 | | 30.94% |
| % | | 0.11 | | 0.14 | | 29.04% |
| **Other Industrial Minerals** | | | | | | |
| Apatile (ground) | 1,455 | 20.5 | 2,600 | 34.8 | 78.69% | 69.76% |
| Asbestos | 68,743 | 979.8 | 64,771 | 921.7 | -5.78% | -5.93% |
| Barite | 35,955 | 107.6 | 66,158 | 224.1 | 84.00% | 108.27% |
| Bentonite | 25,659 | 168.7 | 49,598 | 312.9 | 93.30% | 85.48% |
| Chalk | 7 | 0.5 | 27 | 0.8 | 285.71% | 60.00% |
| Fireclay | 46 | 0.8 | 3,167 | 42.8 | 6784.78% | 5250.00% |
| Fluorite | 381 | 9.3 | 358 | 7.4 | -6.04% | -20.43% |
| Kieserite | 8,189 | 63.2 | 2,567 | 15.6 | -68.65% | -75.32% |
| Mica | 1,923 | 57.7 | 4,526 | 99.6 | 135.36% | 72.62% |
| Orpiment | - | - | 0.1 | 0.01 | - | - |
| Phosphate | | | | | | |
| - Ground | 11,650 | 66.4 | 245 | 2.0 | -97.90% | -96.99% |
| - Unground | - | - | 11,000 | 25.0 | - | - |
| Graphite | 583 | 33.6 | 1,072 | 60.4 | 83.88% | 79.76% |
| Magnesite | 1,153 | 22.1 | 2,917 | 40.5 | 152.99% | 83.26% |
| Steatite | 1,522 | 9.0 | 1,602 | 8.2 | 5.26% | -8.89% |
| Potash | 0* | 0.0** | - | - | - | - |
| Rock salt | 2 | 0.0** | 1 | 0.01 | -50.00% | - |
| Sulphur | 42,430 | 147.0 | 103,087 | 552.9 | 142.96% | 276.12% |
| Talc | 68,864 | 4,772.2 | 102,235 | 1,137.7 | 48.46% | -76.16% |
| Witherite | 350 | 3.2 | 301 | 2.7 | -14.00% | -15.63% |
| Total | | 6,461.6 | | 3,489.1 | | -46.00% |
| % | | 15.46 | | 8.23 | | -46.78% |
| **Total** | | **41,794.6** | | **42,407.3** | | **1.47%** |

***0* denoting the amount of less than 0.1 r 0.0** denoting the amount of less than 0.05 million baht***