

**26 Years Summary of Philippine Mineral
Production: By Mineral Commodity
1979 - 2005
(Updated January 2007)**

Volume: In thousands unit used

Value: In million pesos

MINERAL/MINERAL PRODUCT	UNIT USED	1979		1980	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	16.64	1,180.41	20.02	2,784.87
SILVER	KG	57.17	133.28	60.72	268.25
COBALT	MT	1.37	568.93	1.33	550.53
COPPER CONCENTRATE	DMT	1,061.55	3,688.58	1,123.86	4,409.25
COPPER DIRECT SHIPPING ORE	DMT	1.74	1.04	0.21	0.02
LEAD CONCENTRATE	DMT	3.22	13.94	3.08	12.50
MOLYBDENUM CONCENTRATE	DMT	0.23	31.06	0.19	14.70
NICKEL METAL**	MT	21	837	25.38	1,221.75
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	513	85	964.80	215.49
ZINC CONCENTRATE	DMT	17.55	29.16	13.17	22.30
METALLURGICAL CHROMITE CONCENTRATE	DMT	135.97	63.07	137.43	71.14
METALLURGICAL CHROMITE ORE	DMT	31.81	15.26	23.53	15.10
CHEMICAL CHROMITE GRADE	DMT	0	0	0	0
REFRACTORY CHROMITE ORE	DMT	388.33	213.10	335.10	190.68
IRON ORE	DMT	6.32	1.07	0	0
MANGANESE ORE	DMT	3.77	1.23	2.56	0.88
Total Metallics			6,862.01		9,777.47
NON-METALLICS:					
COAL	MT	263.13	47.36	325.01	58.50
SALT (from sea water) *	MT	322.13	161.07	346.39	204.17
SILICA SAND	MT	406.79	10.73	478.20	18.36
SAND & GRAVEL *	CU.M	11,042.63	490.72	13,251.16	613.41
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT				
SHALE CLAY	MT				
SILICA SAND	MT				
OTHERS			166.83		146.86
Total Non-Metallics			2,246.30		3,043.06
GRAND TOTAL			9,108.31		12,820.54

Notes:

1. For 1979 to 1985, production volume & value for cement raw materials are incorporated in the total values for cement and therefore not reflected individually in the table.

While for 1986 to 2001, cement in the national account is classified under the manufacturing sector, therefore value for cement were excluded in the total mineral production values, instead, value for cement raw materials were considered.

2. * estimates

3. ** Nickel Metal pertains only to the production of Nonoc Nickel Project covering 1979 to 1986.

4. *** Unit of manganese for 2005 is in terms of metric tons (MT)

Source: Mines & Geosciences Bureau

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METALLICS:					
GOLD	KG	23.59	2,642.46	25.95	2,651.34
SILVER	KG	62.94	152.30	61.72	121.80
COBALT	MT	1.00	338.79	0.47	101.01
COPPER CONCENTRATE	DMT	1,120.38	3,781.86	1,060.65	3,446.32
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT	1.99	5.35	-	-
MOLYBDENUM CONCENTRATE	DMT	0.19	7.94	0.14	4.37
NICKEL METAL**	MT	21.49	1026.46	11.22	506.54
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	345.31	82.89	368.79	70.39
ZINC CONCENTRATE	DMT	10.48	23.85	6.03	9.85
METALLURGICAL CHROMITE CONCENTRATE	DMT	138.55	84.34	112.60	63.06
METALLURGICAL CHROMITE ORE	DMT	17.69	11.80	29.59	16.41
CHEMICAL CHROMITE GRADE	DMT	0	0	0	0
REFRACTORY CHROMITE ORE	DMT	283.02	175.30	179.68	149.08
IRON ORE	DMT	5.75	0.97	5.57	0.91
MANGANESE ORE	DMT	3.11	1.06	1.56	0.56
Total Metallics			8,335.35		7,141.63
NON-METALLICS:					
COAL	MT	318.17	63.83	556.76	189.30
SALT (from sea water) *	MT	355.29	213.17	364.42	218.65
SILICA SAND	MT	472.29	21.69	479.75	27.71
SAND & GRAVEL *	CU.M	13,272.87	691.05	14,797.31	858.24
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT				
SHALE CLAY	MT				
SILICA SAND	MT				
OTHERS			446.70		479.38
Total Non-Metallics			3,543.79		4,160.11
GRAND TOTAL			11,879.14		11,301.75

Notes:

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MINERAL/MINERAL PRODUCT	UNIT USED	1983		1984	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	26.07	3,907.18	25.73	4,772.59
SILVER	KG	56.70	217.15	48.96	199.12
COBALT	MT	0.17	22.93	0.06	26.23
COPPER CONCENTRATE	DMT	1,009.28	4,046.61	859.94	4,970.07
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT	-	-	-	-
MOLYBDENUM CONCENTRATE	DMT	0.09	2.61	-	-
NICKEL METAL**	MT	6.10	323.05	3.53	290.66
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	350.16	76.92	441.45	175.73
ZINC CONCENTRATE	DMT	4.51	8.68	4.18	16.48
METALLURGICAL CHROMITE CONCENTRATE	DMT	111.82	74.44	105.36	110.12
METALLURGICAL CHROMITE ORE	DMT	24.53	17.49	17.66	21.15
CHEMICAL CHROMITE GRADE	DMT	0	0	5.37	5.99
REFRACTORY CHROMITE ORE	DMT	130.56	162.06	130.80	217.99
IRON ORE	DMT	2.65	0.52	0	0
MANGANESE ORE	DMT	2.42	0.63	0.62	0.19
Total Metallics			8,860.27		10,806.32
NON-METALLICS:					
COAL	MT	1,019.59	392.54	1,216.39	1,133.67
SALT (from sea water) *	MT	381.91	318.13	401.01	340.86
SILICA SAND	MT	408.27	56.39	432.30	46.66
SAND & GRAVEL *	CU.M	15,093.26	1,022.34	14,583.93	1,142.17
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT				
SHALE CLAY	MT				
SILICA SAND	MT				
OTHERS			433.64		262.81
Total Non-Metallics			4,865.64		6,716.06
GRAND TOTAL			13,725.91		17,522.38

Notes:

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While for 1986 to 2001, cement in the national account is classified under the manufacturing sector, therefore value for cement were excluded in the total mineral production values, instead, value for cement raw materials were considered.

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MINERAL/MINERAL PRODUCT	UNIT USED	1985		1986	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	33.06	6,087.88	35.43	8,394.77
SILVER	KG	52.42	186.24	51.53	174.56
COBALT	MT	0.91	334.25	0.09	33.45
COPPER CONCENTRATE	DMT	841.25	5,629.95	824.89	5,460.59
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT	16.99	1,473.48	1.15	83.50
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	483.81	239.13	504.86	238.35
ZINC CONCENTRATE	DMT	3.78	14.13	3.17	10.58
METALLURGICAL CHROMITE CONCENTRATE	DMT	79.06	131.74	70.61	118.99
METALLURGICAL CHROMITE ORE	DMT	43.30	55.70	43.70	48.08
CHEMICAL CHROMITE GRADE	DMT	15.04	18.01	15.90	21.15
REFRACTORY CHROMITE ORE	DMT	134.63	221.47	72.00	141.21
IRON ORE	DMT	0	0	14.98	1.36
MANGANESE ORE	DMT	0.39	0.10	0.78	0.45
Total Metallics			14,392.08		14,727.04
NON-METALLICS:					
COAL	MT	1,258.87	1,509.46	1,235.50	1,149.02
SALT (from sea water) *	MT	421.06	365.20	442.11	391.13
SILICA SAND	MT	345.30	27.70	246.01	24.09
SAND & GRAVEL *	CU.M	11,134.62	1,070.92	12,481.75	1,221.34
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT			3,597.99	95.09
SHALE CLAY	MT			371.45	11.29
SILICA SAND	MT			67.77	5.40
OTHERS			348.11		648.48
Total Non-Metallics			6,594.54		3,545.83
GRAND TOTAL			20,986.62		18,272.87

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		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	32.78	9,352.27	30.49	8,843.91
SILVER	KG	53.45	231.93	54.63	225.55
COBALT	MT				
COPPER CONCENTRATE	DMT	817.56	6,141.26	824.20	7,952.92
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	367.85	145.23	444.63	293.86
ZINC CONCENTRATE	DMT	1.13	7.10	1.44	14.74
METALLURGICAL CHROMITE CONCENTRATE	DMT	48.51	99.96	36.45	88.18
METALLURGICAL CHROMITE ORE	DMT	21.36	23.86	31.36	35.00
CHEMICAL CHROMITE GRADE	DMT	19.75	26.59	15.21	22.24
REFRACTORY CHROMITE ORE	DMT	99.03	124.71	87.88	159.32
IRON ORE	DMT	-	-	-	-
MANGANESE ORE	DMT	0.45	0.18	2.25	0.85
Total Metallics			16,153.09		17,636.56
NON-METALLICS:					
COAL	MT	1,169.17	931.03	1,335.69	1,028.48
SALT (from sea water) *	MT	466.43	412.65	492.09	1,043.40
SILICA SAND	MT	213.41	37.84	186.96	36.34
SAND & GRAVEL *	CU.M	13.78	1,391.98	14,842.27	1,706.86
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	3,926.28	93.58	3,600.22	287.66
SHALE CLAY	MT	522.57	9.22	860.01	38.70
SILICA SAND	MT	101.20	13.39	125.00	8.84
OTHERS			463.55		593.14
Total Non-Metallics			3,353.25		4,743.42
GRAND TOTAL			19,506.34		22,379.98

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		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	30.04	7,937.93	24.59	7,166.12
SILVER	KG	50.63	195.15	47.11	170.80
COBALT	MT				
COPPER CONCENTRATE	DMT	743.58	7,948.11	698.17	7,890.60
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	658.41	812.04	608.12	686.06
ZINC CONCENTRATE	DMT	2.46	19.97	0.11	0.74
METALLURGICAL CHROMITE CONCENTRATE	DMT	31.14	64.59	25.02	74.38
METALLURGICAL CHROMITE ORE	DMT	127.17	148.47	117.19	137.49
CHEMICAL CHROMITE GRADE	DMT	18.42	29.71	20.24	32.64
REFRACTORY CHROMITE ORE	DMT	92.98	184.64	100.93	208.64
IRON ORE	DMT	6.52	0.28	8.16	0.39
MANGANESE ORE	DMT	3.00	0.60	15.00	23.81
Total Metallics			17,341.49		16,391.67
NON-METALLICS:					
COAL	MT	1,344.68	1,042.12	1,246.78	1,059.76
SALT (from sea water) *	MT	488.67	1,800.84	490.41	1,802.74
SILICA SAND	MT	191.39	17.04	256.08	18.49
SAND & GRAVEL *	CU.M	15,140.12	2,074.20	15,672.67	2,194.17
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	3,859.52	150.41	3,818.14	139.24
SHALE CLAY	MT	858.69	32.35	758.23	27.60
SILICA SAND	MT	397.12	22.24	305.64	27.61
OTHERS			748.09		707.51
Total Non-Metallics			5,887.30		5,977.12
GRAND TOTAL			23,228.79		22,368.79

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MINERAL/MINERAL PRODUCT	UNIT USED	1991		1992	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	25.95	8,177.20	25.61	7,189.01
SILVER	KG	39.07	134.18	32.78	102.79
COBALT	MT				
COPPER CONCENTRATE	DMT	572.34	7,676.53	491.75	6,641.47
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	557.17	648.32	593.94	595.94
ZINC CONCENTRATE	DMT	0	0	0	0
METALLURGICAL CHROMITE CONCENTRATE	DMT	18.81	36.42	14.02	14.62
METALLURGICAL CHROMITE ORE	DMT	89.59	122.20	30.92	39.14
CHEMICAL CHROMITE GRADE	DMT	19.76	36.46	9.99	19.27
REFRACTORY CHROMITE ORE	DMT	82.52	207.46	39.30	61.92
IRON ORE	DMT	7.30	0.47	7.35	0.44
MANGANESE ORE	DMT	4.06	6.24	13.80	7.42
Total Metallics			17,045.48		14,672.02
NON-METALLICS:					
COAL	MT	1,307.04	1,420.75	1,665.20	1,828.39
SALT (from sea water) *	MT	492.86	2,178.44	495.82	2,193.99
SILICA SAND	MT	275.04	28.83	744.54	57.06
SAND & GRAVEL *	CU.M	15,676.59	2,257.43	15,786.59	2,399.56
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	5,384.27	215.25	10,225.14	750.91
SHALE CLAY	MT	808.13	31.71	1,496.77	78.76
SILICA SAND	MT	257.52	28.90	1,141.96	102.70
OTHERS			860.99		2,580.49
Total Non-Metallics			7,022.29		9,991.86
GRAND TOTAL			24,067.77		24,663.88

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METALLICS:					
GOLD	KG	24.92	7926.15	27.31	8,965.55
SILVER	KG	32.04	116.27	29.96	123.71
COBALT	MT				
COPPER CONCENTRATE	DMT	526.22	6,261.90	435.31	5,521.40
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	346.86	350.77	429.00	376.18
ZINC CONCENTRATE	DMT	0	0	0	0
METALLURGICAL CHROMITE CONCENTRATE	DMT	4.23	4.03	1.05	1.13
METALLURGICAL CHROMITE ORE	DMT	9.72	16.31	10.88	23.54
CHEMICAL CHROMITE GRADE	DMT	1.60	0.96	0	0
REFRACTORY CHROMITE ORE	DMT	49.53	80.05	64.08	115.24
IRON ORE	DMT	0	0	0	0
MANGANESE ORE	DMT	1.23	0.59	0	0
Total Metallics			14,757.03		15,126.75
NON-METALLICS:					
COAL	MT	1,581.87	1,581.87	1,345.56	1,297.85
SALT (from sea water) *	MT	535.48	3,128.14	530.77	3,541.92
SILICA SAND	MT	102.97	17.02	130.24	26.68
SAND & GRAVEL *	CU.M	16,692.72	3,389.09	16,477.85	4,050.10
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	5,355.72	267.64	19,945.18	243.23
SHALE CLAY	MT	647.46	23.29	802.54	29.49
SILICA SAND	MT	225.74	30.79	192.93	24.57
OTHERS			244.62		245.49
Total Non-Metallics			8,682.46		9,459.33
GRAND TOTAL			23,439.49		24,586.08

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		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	27.02	8,484.01	30.18	9,855.31
SILVER	KG	28.48	114.58	23.99	103.73
COBALT	MT				
COPPER CONCENTRATE	DMT	398.95	5,786.38	256.52	3,364.29
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	647.27	598.13	656.72	479.64
ZINC CONCENTRATE	DMT	0	0	0	0
METALLURGICAL CHROMITE CONCENTRATE	DMT	13.32	22.47	31.52	52.53
METALLURGICAL CHROMITE ORE	DMT	21.96	45.35	18.52	44.87
CHEMICAL CHROMITE GRADE	DMT	0	0	0	0
REFRACTORY CHROMITE ORE	DMT	66.81	175.00	67.94	179.71
IRON ORE	DMT	0	0	0	0
MANGANESE ORE	DMT	0	0	0	0
Total Metallics			15,225.92		14,080.07
NON-METALLICS:					
COAL	MT	1,265.73	1,265.73	955.63	955.63
SALT (from sea water) *	MT	612.86	3,850.66	618.48	6,078.19
SILICA SAND	MT	117.94	14.74	30.73	4.27
SAND & GRAVEL *	CU.M	28,155.09	6,600.68	37,446.27	8,733.08
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	6,680.86	459.18	6,709.77	645.41
SHALE CLAY	MT	823.73	30.16	997.83	69.77
SILICA SAND	MT	127.24	14.52	299.86	46.21
OTHERS			539.10		466.61
Total Non-Metallics			12,774.77		16,999.17
GRAND TOTAL			28,000.69		31,079.24

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Source: Mines & Geosciences Bureau

**26 Years Summary of Philippine Mineral
Production: By Mineral Commodity
1979 - 2005
(Updated January 2007)**

Volume: In thousands unit used

Value: In million pesos

MINERAL/MINERAL PRODUCT	UNIT USED	1997		1998	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	32.67	9,909.03	34.04	12,763.37
SILVER	KG	20.74	91.19	18.22	124.80
COBALT	MT				
COPPER CONCENTRATE	DMT	187.64	2,792.22	177.87	2,753.49
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	814.31	514.08	959.95	793.22
ZINC CONCENTRATE	DMT	0	0	0	0
METALLURGICAL CHROMITE CONCENTRATE	DMT	26.89	49.80	12.56	30.34
METALLURGICAL CHROMITE ORE	DMT	16.99	48.87	9.94	33.76
CHEMICAL CHROMITE GRADE	DMT	0	0	0	0
REFRACTORY CHROMITE ORE	DMT	54.21	188.38	19.72	99.94
IRON ORE	DMT	11.80	0.35	0	0
MANGANESE ORE	DMT	0	0	0	0
Total Metallics			13,593.92		16,598.92
NON-METALLICS:					
COAL	MT	1,078.65	1,186.52	1,157.20	1,272.92
SALT (from sea water) *	MT	686.51	7,250.25	727.75	8,074.08
SILICA SAND	MT	20.51	2.75	16.11	1.89
SAND & GRAVEL *	CU.M	40,030.06	10,061.71	34,707.05	8,945.37
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	10,216.34	705.62	27,713.71	2,405.24
SHALE CLAY	MT	1,125.97	66.64	917.91	50.75
SILICA SAND	MT	212.27	37.22	317.61	44.37
OTHERS			175.30		335.49
Total Non-Metallics			19,486.02		21,130.11
GRAND TOTAL			33,079.93		37,729.03

Notes:

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Production: By Mineral Commodity
1979 - 2005
(Updated January 2007)**

Volume: In thousands unit used

Value: In million pesos

MINERAL/MINERAL PRODUCT	UNIT USED	1999		2000	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	31.05	10,725	36.54	13,764
SILVER	KG	18.21	114	23.57	158
COBALT	MT				
COPPER CONCENTRATE	DMT	151.22	2,147	129.76	2,336
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	625.29	583	1,023.38	1,144
ZINC CONCENTRATE	DMT	0	0	0	0
METALLURGICAL CHROMITE CONCENTRATE	DMT	14.39	29	0	0
METALLURGICAL CHROMITE ORE	DMT	3.14	9	0.30	1
CHEMICAL CHROMITE GRADE	DMT	0	0	0	0
REFRACTORY CHROMITE ORE	DMT	0	0	21	73
IRON ORE	DMT	3.16	0.27	6	1
MANGANESE ORE	DMT	0	0	0	0
Total Metallics			13,606.50		17,477.07
NON-METALLICS:					
COAL	MT	1,204.98	1,204.98	1,353.45	1,218.11
SALT (from sea water) *	MT	704.35	5,980.00	589.53	3,892.00
SILICA SAND	MT	64.18	6.55	70.60	7.57
SAND & GRAVEL *	CU.M	32,420.35	8,139.00	30,248.18	5,625.86
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	13,379.45	849.88	20,426.84	1,320.78
SHALE CLAY	MT	1,074.81	54.14	1,263.07	63.10
SILICA SAND	MT	264.11	22.46	573.96	78.90
OTHERS			1,068.12		1,273.78
Total Non-Metallics			17,325.12		13,480.10
GRAND TOTAL			30,931.62		30,957.17

Notes:

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**26 Years Summary of Philippine Mineral
Production: By Mineral Commodity
1979 - 2005
(Updated January 2007)**

Volume: In thousands unit used

Value: In million pesos

MINERAL/MINERAL PRODUCT	UNIT USED	2001		2002	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	33.84	14,382	35.85	18,009
SILVER	KG	29.59	197	8.81	68
COBALT	MT				
COPPER CONCENTRATE	DMT	95.98	1,569	79.21	1,493
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	1,282.71	1,519	1,200.20	1,318
ZINC CONCENTRATE	DMT	0	0		0
METALLURGICAL CHROMITE CONCENTRATE	DMT	2	4	2	3
METALLURGICAL CHROMITE ORE	DMT	0	0	0	0
CHEMICAL CHROMITE GRADE	DMT	0	0	15	24
REFRACTORY CHROMITE ORE	DMT	26	94	5	25
IRON ORE	DMT	4	0.4	3	0
MANGANESE ORE	DMT	0	0	0	0
Total Metallics			17,764.67		20,940.33
NON-METALLICS:					
COAL	MT	1,229.82	983.86	1,645.66	1,481.09
SALT (from sea water) *	MT	236.99	2,305.88	460.98	3,226.88
SILICA SAND	MT	60.41	9.31	155.71	18.47
SAND & GRAVEL *	CU.M	35,257.88	5,608.12	37,773.86	6,075.93
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	19,826.58	1,300.11	18,626.23	1,090.09
SHALE CLAY	MT	1,366.08	71.06	1,523.24	96.63
SILICA SAND	MT	342.44	70.90	374.98	64.71
OTHERS			854.63		2,200.85
Total Non-Metallics			11,203.88		14,254.65
GRAND TOTAL			28,968.55		35,194.98

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Production: By Mineral Commodity
1979 - 2005
(Updated January 2007)**

Volume: In thousands unit used

Value: In million pesos

MINERAL/MINERAL PRODUCT	UNIT USED	2003		2004	
		Volume	Value	Volume	Value
METALLICS:					
GOLD	KG	37.84	23,846	35.46	25,595
SILVER	KG	9.53	81	9.32	112
COBALT	MT				
COPPER CONCENTRATE	DMT	80.92	1,950	70.58	2,205
COPPER DIRECT SHIPPING ORE	DMT				
LEAD CONCENTRATE	DMT				
MOLYBDENUM CONCENTRATE	DMT				
NICKEL METAL**	MT				
NICKEL CONCENTRATE	DMT				
NICKEL DIRECT SHIPPING ORE	DMT	962.48	1,361	874.19	1,431
ZINC CONCENTRATE	DMT	0	0	0	0
METALLURGICAL CHROMITE CONCENTRATE	DMT	0	0	7.71	23
METALLURGICAL CHROMITE ORE	DMT	0	0	4.79	14
CHEMICAL CHROMITE GRADE	DMT	21	31	22.11	38
REFRACTORY CHROMITE ORE	DMT	13	96	8.10	71
IRON ORE	DMT	5	1		
MANGANESE ORE	DMT	0	0	0	0
Total Metallics			27,366.01		29,490.46
NON-METALLICS:					
COAL	MT	2,029.30	1,623.44	2,726.50	2,562.91
SALT (from sea water) *	MT	429.16	3,004.12	427.62	3,255.01
SILICA SAND	MT	170.46	14.93	237.33	20.04
SAND & GRAVEL *	CU.M	36,359.08	5,741.75	36,132.56	5,918.15
CEMENT RAW MATERIALS:					
LIMESTONE FOR CEMENT MFTR	MT	16,431.98	1,013.37	19,028.35	1,057.09
SHALE CLAY	MT	921.63	70.63	1,315.59	79.25
SILICA SAND	MT	201.74	25.78	169.95	33.32
OTHERS			2,228.05		1,027.42
Total Non-Metallics			13,722.07		13,953.19
GRAND TOTAL			41,088.08		43,443.66

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1979 - 2005
(Updated January 2007)**

Volume: In thousands unit used

Value: In million pesos

MINERAL/MINERAL PRODUCT	UNIT USED	2005	
		Volume	Value
METALLICS:			
GOLD	KG	37.49	28,303
SILVER	KG	19.15	246
COBALT	MT		
COPPER CONCENTRATE	DMT	75.28	3,288
COPPER DIRECT SHIPPING ORE	DMT		
LEAD CONCENTRATE	DMT		
MOLYBDENUM CONCENTRATE	DMT		
NICKEL METAL**	MT		
NICKEL CONCENTRATE	DMT	7.21	2,196
NICKEL DIRECT SHIPPING ORE	DMT	1,106.90	3,240
ZINC CONCENTRATE	DMT		
METALLURGICAL CHROMITE CONCENTRATE	DMT	15.01	36
METALLURGICAL CHROMITE ORE	DMT	5.01	8
CHEMICAL CHROMITE GRADE	DMT	16.23	33
REFRACTORY CHROMITE ORE	DMT	1.83	15
IRON ORE	DMT		
MANGANESE ORE	DMT	*** 5	9
Total Metallics			37,372.68
NON-METALLICS:			
COAL	MT	1,485.00	1,400.00
SALT (from sea water) *	MT	420.95	3,200.00
SILICA SAND	MT	224.17	19.00
SAND & GRAVEL *	CU.M	36,791.49	6,047.00
CEMENT RAW MATERIALS:			
LIMESTONE FOR CEMENT MFTR	MT	19,356.57	1,076.00
SHALE CLAY	MT	1,333.15	81.00
SILICA SAND	MT	173.00	34.00
OTHERS			953.00
Total Non-Metallics			12,810.00
GRAND TOTAL			50,182.68

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