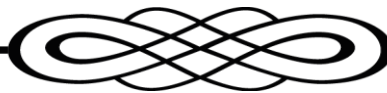


**PERLOMBONGAN &  
PENGKUARIAN BATU**



**MINING & STONE QUARRYING**

## **A) PERLOMBONGAN**

### **Nota Keterangan**

1. Data bagi sektor ini merangkumi perlombongan bijih besi, bijih timah, batu arang, pembilasan amang, bauksit, antimoni, emas, tembaga, barit, petroleum dan gas asli.
2. Data bagi perlombongan antimoni mula diambil kira sejak tahun 1981, manakala data bagi perlombongan tembaga, perlombongan petroleum dan gas asli mula diliputi sejak tahun rujukan 1983.
3. Sumber utama data adalah Banci Tahunan Industri Perlombongan telah dimulakan pada tahun rujukan 1963. Sejak itu, banci dijalankan seperti biasa kecuali bagi tahun rujukan 1980, 1982, 1994, 1996 dan 1998. Bagi tahun 2001 hingga 2004, 2006 hingga 2009 dan 2011 hingga 2014, data hanya merujuk kepada Banci Tahunan Industri Perlombongan Minyak Mentah dan Gas Asli sahaja.

## **A) MINING**

### ***Explanatory Notes***

1. *Data on this sector include mining of iron ore, tin ore, coal, amang retreatment, bauxite, antimony, gold, copper, barite, petroleum and natural gas.*
2. *Data on antimony mining was included since reference year 1981, while data on copper mining, petroleum and natural gas mining were included since reference year 1983.*
3. *The main source of data is the Annual Census of Mining Industries which was first conducted for reference year 1963. Since then, the census has been taken on a regular basis except for reference years 1980, 1982, 1994, 1996 and 1998. In 2001 to 2004, 2006 to 2009 and 2011 to 2014, data only refer to the Annual Census of Crude Oil and Natural Gas Mining Industries.*

## **B) PENGKUARIAN BATU**

### **Nota Keterangan**

Data diperoleh daripada Banci Pengkuarian Batu. Banci yang pertama telah mula dijalankan pada tahun rujukan 1972. Data bagi tahun rujukan 1973 merujuk kepada Semenanjung Malaysia sahaja. Walau bagaimanapun, banci tidak dijalankan bagi tahun rujukan 1980, 1982, 1994, 1996, 1997, 1999 dan 2001 hingga 2004 dan 2006 hingga 2009.

## **B) STONE QUARRYING**

### ***Explanatory Notes***

*Data was compiled from the Annual Census of Stone Quarrying Industries. The first census was carried out for reference year 1972. Data for reference year 1973 refers to Peninsular Malaysia only. However, there was no census carried out for reference years 1980, 1982, 1994, 1996, 1997, 1999 and from 2001 until 2004 and 2006 until 2009.*

**JADUAL 15.1 : PERANGKAAN UTAMA INDUSTRI PERLOMBONGAN, 1963 – 2014, MALAYSIA**Table 15.1 : *Principal Statistics of Mining Industries, 1963 – 2014, Malaysia*

<b>Tahun</b> <i>Year</i>	<b>Nilai output kasar</b> <i>Value of gross output</i>	<b>Nilai input perantaraan</b> <i>Value of intermediate input</i>	<b>Nilai ditambah</b> <i>Value added</i>	<b>Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir</b> <i>Total number of person engaged during December or the last pay period</i>	<b>Gaji &amp; upah yang dibayar</b> <i>Salaries &amp; wages paid</i>	<b>Nilai harta tetap yang dimiliki pada akhir tahun</b> <i>Value of fixed assets owned as at end of the year</i>
	<b>RM ('000)</b>	<b>RM ('000)</b>	<b>RM ('000)</b>		<b>RM ('000)</b>	<b>RM ('000)</b>
1963	504,997	68,982	436,015	39,492	118,862	..
1964	662,055	89,141	572,914	51,601	116,203	..
1965	763,237	122,136	641,101	60,791	104,757	..
1966	731,087	137,436	593,651	62,791	118,153	..
1967	704,505	148,618	555,887	61,063	123,045	..
1968	674,196	212,814	461,382	58,773	161,239	..
1969	713,613	218,237	495,376	56,319	158,572	..
1970	760,530	218,086	542,444	64,686	145,463	311,571
1971	672,029	218,390	453,639	63,257	133,754	280,995
1972	667,143	227,164	439,979	59,763	130,862	293,262
1973	686,943	213,936	473,007	54,608	129,516	291,558
1974	987,512	315,345	672,167	56,302	152,185	317,058
1975	836,914	337,282	499,632	49,810	153,727	400,506
1976	1,013,901	354,844	659,057	46,527	150,145	379,568
1977	1,074,873	405,387	669,486	46,596	157,991	429,025
1978	1,289,257	483,591	805,666	49,650	193,143	444,479
1979	1,462,751	548,374	914,377	48,534	216,940	477,037
1980	..	..	..	..	..	..
1981	8,727,076	1,031,389	7,695,687	45,005	410,802	3,659,544
1982	..	..	..	..	..	..
1983	9,525,516	1,231,911	8,293,605	36,444	427,641	4,985,360
1984	11,300,852	1,227,267	10,073,585	33,965	536,635	5,974,102
1985	11,332,988	1,039,294	10,293,694	31,075	519,581	5,929,646
1986	8,092,078	741,525	7,350,553	23,191	483,347	5,335,298
1987	9,728,968	693,091	9,035,877	20,843	473,410	6,207,373
1988	9,876,234	1,286,905	8,589,329	21,972	461,394	6,426,766
1989	12,008,912	1,737,095	10,271,817	24,435	500,261	6,889,936
1990	15,570,702	2,159,457	13,411,245	23,283	543,705	8,154,241

**JADUAL 15.1 : PERANGKAAN UTAMA INDUSTRI PERLOMBONGAN, 1963 – 2014, MALAYSIA (samb.)**Table 15.1 : *Principal Statistics of Mining Industries, 1963 – 2014, Malaysia (cont'd)*

Tahun Year	Nilai output kasar Value of gross output  RM ('000)	Nilai input perantaraan Value of intermediate input  RM ('000)	Nilai ditambah Value added  RM ('000)	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir Total number of person engaged during December or the last pay period	Gaji & upah yang dibayar Salaries & wages paid  RM ('000)	Nilai harta tetap yang dimiliki pada akhir tahun Value of fixed assets owned as at end of the year  RM ('000)
1991	15,509,457	2,186,625	13,322,832	18,548	555,303	10,715,232
1992	14,340,019	2,386,104	11,953,915	18,228	613,565	11,791,559
1993	12,733,651	2,175,618	10,558,033	15,781	687,926	9,590,919
1994	..	..	..	..	..	..
1995	15,193,397	1,862,283	13,331,114	12,326	623,609	8,377,135
1996	..	..	..	..	..	..
1997	19,531,412	1,687,171	17,844,241	10,792	627,305	13,908,404
1998	..	..	..	..	..	..
1999	25,355,915	1,923,768	23,432,147	12,652	726,846	14,855,293
2000	38,922,691	2,522,746	36,399,945	9,646	674,195	13,057,237
2001	34,818,902	2,454,945	32,363,957	8,895	773,115	14,029,697
2002	37,235,959	3,134,615	34,101,344	9,563	883,895	17,012,546
2003	46,892,044	4,123,468	42,768,576	9,663	953,632	18,794,926
2004	61,569,636	4,353,365	57,549,271	7,427	789,507	29,339,044
2005 <sup>a</sup>	80,387,144	4,743,501	75,643,643	10,435	1,003,211	29,933,448
2006	92,121,516	6,267,971	85,853,545	9,008	1,258,548	35,985,346
2007	98,676,787	6,854,182	91,822,605	9,649	1,667,965	52,748,745
2008	130,361,614	7,642,099	122,719,515	10,458	1,969,296	76,276,198
2009	91,215,729	7,897,974	83,227,755	12,184	2,372,613	93,785,495
2010 <sup>a</sup>	99,649,828	12,041,905	87,607,923	17,873	2,653,127	141,826,335
2011	109,193,006	16,126,193	93,066,813	13,304	2,811,577	146,523,251
2012	109,369,827	14,928,202	94,441,625	15,015	3,691,828	159,076,312
2013	115,096,165	16,788,570	98,307,595	16,355	4,157,081	185,537,666
2014	119,053,528	15,486,010	103,567,518	17,350	4,930,620	239,767,489

Nota / Note :

B = merujuk kepada tahun Banci dan data merangkumi Banci Ekonomi Perlombongan (perlombongan mineral selain minyak mentah dan gas asli) dan Banci Perlombongan Minyak Mentah dan Gas Asli Tahunan

Data refers to Census year and data includes Economic Census of Mining (other minerals mining exclude crude oil and natural gas) and Annual Census of Crude Oil and Natural Gas

**JADUAL 15.2 : IMPORT DAN EKSPORT PETROLEUM MENTAH 1963 – 2016, MALAYSIA**

*Table 15.2 : Imports and Exports of Crude Petroleum ,1963 – 2016, Malaysia*

Tahun <i>Year</i>	Petroleum Mentah <i>Crude Petroleum</i>	
	Import <i>Imports</i>	Eksport* <i>Exports</i>
'000 Tan Metrik <i>'000 Tonne</i>		
1963	604	..
1964	2,190	..
1965	2,261	..
1966	2,687	..
1967	7,433	2,184
1968	8,745	2,899
1969	9,018	3,044
1970	9,121	3,641
1971	8,715	6,522
1972	3,838	3,137
1973	3,256	2,884
1974	2,826	2,327
1975	2,807	3,240
1976	3,239	6,417
1977	3,771	7,354
1978	4,225	9,153
1979	4,426	12,034
1980	3,961	11,227
1981	3,552	10,143
1982	2,540	11,974
1983	3,701	14,224
1984	2,553	16,497
1985	2,252	16,701
1986	1,933	18,792
1987	1,563	17,999
1988	1,509	19,899
1989	1,019	21,323
1990	1,004	22,110

**Nota / Note : \* Termasuk eksport semula**

*Including re-export*

**JADUAL 15.2 : IMPORT DAN EKSPORT PETROLEUM MENTAH 1963 – 2016, MALAYSIA (samb.)***Table 15.2 : Imports and Exports of Crude Petroleum ,1963 – 2016, Malaysia (cont'd)*

Tahun Year	Petroleum Mentah Crude Petroleum	
	Import Imports	Eksport* Exports
'000 Tan Metrik '000 Tonne		
1991	1,084	22,595
1992	1,138	22,526
1993	1,672	21,019
1994	1,538	19,061
1995	1,271	19,165
1996	1,397	17,495
1997	1,256	15,872
1998	1,929	18,071
1999	3,247	17,725
2000	6,963	16,672
2001	8,559	15,118
2002	6,845	16,192
2003	7,991	17,913
2004	7,888	18,295
2005	9,145	18,390
2006	10,322	16,875
2007	10,529	16,880
2008	9,228	16,763
2009	8,917	16,412
2010	9,067	16,373
2011	9,687	12,682
2012	10,854	11,863
2013	8,931	11,819
2014	10,433	12,947
2015	9,021	15,678
2016	9,865	15,885

**JADUAL 15.3 : PERANGKAAN UTAMA PENGKUARIAN BATU, 1972 – 2014, MALAYSIA**

Table 15.3 : Principal Statistics of Stone Quarrying, 1972 – 2014, Malaysia

Tahun Year	Nilai output kasar Value of gross output	Nilai input perantaraan Value of intermediate input	Nilai ditambah Value added	Jumlah pekerja pada bulan Disember atau pada tempoh gaji terakhir Total number of person engaged during December or the last pay period	Gaji & upah yang dibayar Salaries & wages paid	Nilai harta tetap yang dimiliki pada akhir tahun Value of fixed assets owned as at end of the year
	RM ('000)	RM ('000)	RM ('000)		RM ('000)	RM ('000)
1972	61,970	25,705	36,265	5,866	17,199	31,912
1973	69,656	30,774	38,882	5,743	17,013	37,005
1974	105,968	47,779	58,189	7,956	24,817	65,669
1975	138,699	57,108	81,591	8,198	28,584	94,456
1976	162,199	75,719	86,480	8,634	31,376	103,947
1977	166,582	76,293	90,289	8,335	33,614	110,055
1978	205,932	93,337	112,595	8,313	37,695	129,737
1979	255,477	121,182	134,295	8,987	45,031	137,517
1980	..	..	..	..	..	..
1981	409,865	..	..	9,264	63,814	177,476
1982	..	..	..	..	..	..
1983	492,692	222,864	269,828	10,140	78,455	224,634
1984	552,977	..	..	10,500	90,529	241,887
1985	508,664	224,017	284,647	9,993	88,930	254,084
1986	420,175	178,693	241,482	8,901	78,282	225,388
1987	347,666	221,191	126,475	7,971	69,114	200,695
1988	354,978	219,653	135,325	8,201	70,721	173,391
1989	458,354	278,194	180,160	9,370	84,901	176,834
1990	614,600	371,952	242,648	9,939	100,983	247,969
1991	726,289	426,006	300,283	11,009	122,448	303,212
1992	959,205	564,426	394,779	11,854	147,762	431,723
1993	1,040,786	598,490	442,296	12,068	160,221	483,800
1994	..	..	..	..	..	..
1995	1,259,561	751,064	508,497	13,675	206,248	730,840
1996	..	..	..	..	..	..
1997	..	..	..	..	..	..
1998	1,354,807	809,201	545,606	13,507	232,253	1,106,752
1999	..	..	..	..	..	..
2000	1,284,662	746,421	538,241	11,608	210,353	1,198,608
2001	..	..	..	..	..	..
2002	..	..	..	..	..	..
2003	..	..	..	..	..	..
2004	..	..	..	..	..	..
2005 <sup>a</sup>	1,540,119	919,243	620,876	9,420	203,158	947,327
2006	..	..	..	..	..	..
2007	..	..	..	..	..	..
2008	..	..	..	..	..	..
2009	..	..	..	..	..	..
2010 <sup>a</sup>	2,967,713	1,878,415	1,089,298	14,343	344,686	1,182,713
2011	..	..	..	..	..	..
2012	..	..	..	..	..	..
2013	..	..	..	..	..	..
2014	..	..	..	..	..	..

Nota / Note :

B = merujuk kepada tahun Banci / refers to Census year