

Selected Energy Indicators APEC Region

	Population			Real GDP			Real GDP	
	Millions			Billions of 2000 Price and 2000 USD			Billions of 2000 Price and 2000 PPP	
	1980	1990	2006	1980	1990	2006	1980	1990
APEC 19	1,787	2,063	2,433	9,634	13,872	22,722	9,836	14,406
APEC 21	1,980	2,278	2,659	-	14,273	23,144	9,836	16,119
East Asia	1,159	1,328	1,518	3,240	5,121	8,450	2,684	4,578
China	981.2	1,135.2	1,311.8	182.9	444.6	2,095.9	457.0	1,110.7
Hong Kong, China	5.1	5.7	6.9	58.5	108.7	221.1	60.9	113.1
Japan	116.8	123.5	127.8	2,800.6	4,122.3	5,087.8	1,931.1	2,842.4
Republic of Korea	38.1	42.9	48.4	122.8	283.6	671.3	175.0	404.1
Chinese Taipei	17.8	20.4	22.8	75.1	161.8	373.6	60.4	108.0
Southeast Asia	260	315	404	197	340	731	480	837
Brunei Darussalam	0.2	0.3	0.4	-	4.8	7.0	5.8	4.8
Indonesia	148.3	178.2	223.0	58.8	109.2	219.3	177.7	329.7
Malaysia	13.8	18.1	26.1	25.4	45.5	118.4	60.4	108.0
Philippines	48.1	61.2	86.3	47.6	56.2	99.6	111.7	132.0
Singapore	2.4	3.0	4.5	21.8	44.7	121.6	30.9	63.3
Thailand	46.8	54.3	63.4	37.3	79.4	165.0	93.6	199.3
Oceania	21	25	31	245	323	549	328	432
Australia	14.7	17.1	20.7	210.0	281.0	481.6	275.9	369.1
New Zealand	3.1	3.4	4.2	33.1	39.8	63.6	47.7	57.5
Papua New Guinea	3.2	4.1	6.2	1.9	2.1	3.8	4.8	5.5
North America	252	277	332	5,540	7,599	12,160	5,630	7,718
Canada	24.6	27.8	32.6	411.9	543.6	845.4	502.0	662.5
United States of America	227.2	249.6	299.4	5,128.0	7,055.0	11,315	5,128.0	7,055.0
Latin America	96.1	118.2	148.2	412.6	489.9	832.3	713.1	841.0
Chile	11.2	13.2	16.4	27.9	40.4	96.2	53.5	77.4
Mexico	67.6	83.2	104.2	345.6	413.3	665.6	566.3	677.3
Peru	17.3	21.8	27.6	39.1	36.1	70.5	93.4	86.2
Russia	139.0	148.3	142.5	-	385.9	373.3	-	1,660.7
Viet Nam	53.7	66.2	84.1	-	15.0	48.4	-	53.0

Note: APEC 19 does not include Russia and Viet Nam.

	Energy Indigenous Production			Net Import			Total Primary Energy Supply			
	Mtoe			Mtoe			Mtoe			
2006	1980	1990	2006	1980	1990	2006	1980	1990	2006	
26,506	2,580	3,333	4,743	500	556	1,257	3,052	3,769	5,859	
28,283	-	-	6,002	-	-	706	-	-	6,554	
10,213	500	812	1,699	340	451	888	842	1,237	2,553	
5,236.2	436.3	705.8	1,536.0	-19.6	-30.5	145.4	421.0	654.0	1,681.0	CHN
230.2	0.0	0.0	0.1	6.0	10.8	25.2	5.3	10.6	17.4	HKG
3,508.1	48.7	72.6	103.7	303.2	361.6	430.4	352.6	432.5	524.7	JPN
956.7	9.2	22.6	46.0	29.6	70.1	186.6	38.3	93.4	219.9	KOR
281.4	5.7	10.7	13.4	20.3	39.4	100.2	25.1	46.0	110.1	TWN
1,771	132	210	395	-54	-51	-26	71	145	340	
7.0	20.7	15.3	23.0	-17.4	-12.9	-19.1	3.2	2.1	4.0	BRN
662.2	92.1	119.4	228.8	-60.7	-65.9	-98.2	31.1	53.3	130.5	IDN
281.4	16.1	46.5	87.6	-5.0	-25.4	-28.4	10.6	21.0	59.3	MYS
233.8	2.7	17.2	21.4	10.4	11.9	17.0	12.4	28.7	38.2	PHL
172.3	0.0	0.0	0.3	6.7	22.9	54.6	2.0	9.9	23.8	SGP
414.4	0.5	11.9	33.5	12.0	18.2	48.4	12.1	29.9	83.9	THA
734	92	175	285	-14	-66	-142	79	103	143	
632.5	86.1	158.2	267.9	-18.3	-64.7	-145.8	69.3	88.2	122.6	AUS
91.8	6.0	12.7	14.0	4.0	2.1	4.7	9.5	14.4	18.5	NZL
9.7	0.0	4.6	3.2	0.6	-3.7	-1.3	0.6	0.9	1.6	PNG
12,345	1,689	1,924	2,086	278	285	589	1,943	2,138	2,601	
1,030.3	207.7	273.8	412.4	-11.0	-59.4	-142.0	194.2	209.4	270.3	CAN
11,315	1,481.4	1,650.7	1,673.1	288.6	344.1	731.1	1,748.6	1,928.5	2,330.7	USA
1,443.0	167.2	210.7	278.8	-49.9	-63.1	-52.1	116.3	146.3	222.0	
184.0	7.0	7.8	9.7	4.1	7.0	22.4	11.0	14.3	30.4	CHL
1,090.8	149.0	194.8	259.8	-51.0	-69.5	-77.9	97.2	124.5	180.0	MEX
168.2	11.1	8.2	9.3	-3.0	-0.6	3.5	8.2	7.5	11.5	PER
1,606.4	-	-	1,210.8	-	-	-531.9	-	-	666.2	RUS
170.8	-	5.8	48.3	-	-0.2	-18.7	-	5.4	28.8	VNM

	Total Final Energy Consumption			Final Consumption of Electricity			Total Primary Energy Supply	
	Mtoe			TWh			toe / Person	
	1980	1990	2006	1980	1990	2006	1980	1990
APEC 19	2,405	2,631	3,792	3,507	5,006	9,119	1.71	1.83
APEC 21	-	-	4,252	-	-	9,855	-	-
East Asia	627.0	896.6	1,559.0	879.9	1,543.4	3,973.3	0.73	0.93
China	318.2	489.9	976.3	287.4	606.4	2,318.8	0.43	0.58
Hong Kong, China	3.5	6.7	10.6	10.9	23.8	40.3	1.05	1.87
Japan	252.7	305.1	360.9	511.9	744.8	1,041.7	3.02	3.50
Republic of Korea	35.7	65.1	145.7	32.7	94.4	371.4	1.01	2.18
Chinese Taipei	17.0	29.8	65.4	36.9	74.0	201.1	1.41	2.26
Southeast Asia	48.1	94.9	207.4	50.5	125.2	408.7	0.28	0.46
Brunei Darussalam	0.2	0.4	0.8	0.3	1.0	3.0	16.81	8.06
Indonesia	21.1	34.0	74.9	7.3	30.5	112.6	0.21	0.30
Malaysia	6.4	13.1	38.9	8.7	19.9	84.5	0.77	1.16
Philippines	9.0	19.8	22.4	15.0	21.2	45.7	0.26	0.47
Singapore	2.1	5.3	15.3	6.1	14.2	35.6	0.82	3.25
Thailand	9.3	22.2	55.1	13.1	38.3	127.3	0.26	0.55
Oceania	59.3	68.0	92.1	101.6	158.7	250.9	3.78	4.20
Australia	51.5	58.0	77.9	81.0	129.2	209.6	4.72	5.17
New Zealand	7.3	9.4	13.2	19.4	27.8	38.4	3.05	4.19
Papua New Guinea	0.4	0.6	1.0	1.2	1.7	2.8	0.20	0.21
North America	1,591.0	1,465.6	1,788.2	2,404.6	3,051.6	4,221.2	7.72	7.71
Canada	156.7	160.0	201.2	307.4	418.0	499.0	7.90	7.54
United States of America	1,434.3	1,305.6	1,587.0	2,097.2	2,633.6	3,722.3	7.70	7.73
Latin America	79.6	105.6	145.8	70.7	127.4	265.2	1.21	1.24
Chile	8.3	11.0	22.7	9.7	15.4	50.6	0.98	1.08
Mexico	65.1	88.4	113.6	52.3	100.2	190.8	1.44	1.50
Peru	6.2	6.2	9.5	8.7	11.8	23.7	0.47	0.35
Russia	-	-	437.1	-	-	681.4	-	-
Viet Nam	-	4.2	22.8	-	6.2	53.8	-	0.08

	Total Primary Energy Supply per Real GDP				Total Primary Energy Supply per Real GDP			Total Final Energy Consumption per Capita			
	toe / Million 2000 USD				toe / Million 2000 PPP			toe / Person			
	2006	1980	1990	2006	1980	1990	2006	1980	1990	2006	
2.41	0.3	271.7	257.8	307.8	258.4	216.9	1.3	1.3	1.6		
2.46	-	-	283.2	-	-	227.8	-	-	1.6		
1.68	260.0	241.5	302.2	304.4	260.0	239.2	0.5	0.7	1.0		
1.28	2,301.3	1,471.0	802.1	921.2	588.8	321.0	0.3	0.4	0.7	CHN	
2.54	90.5	98.0	78.6	87.0	94.1	75.5	0.7	1.2	1.5	HKG	
4.11	125.9	104.9	103.1	182.6	152.2	149.6	2.2	2.5	2.8	JPN	
4.54	312.0	329.3	327.6	219.0	231.1	229.9	0.9	1.5	3.0	KOR	
4.83	334.0	284.2	294.6	415.2	425.8	391.3	1.0	1.5	2.9	TWN	
0.84	-	426.3	464.8	148.7	173.0	191.8	0.2	0.3	0.5		
10.57	-	430.7	577.6	561.9	430.7	577.6	1.2	1.6	2.1	BRN	
0.59	528.2	487.9	595.2	174.9	161.5	197.1	0.1	0.2	0.3	IDN	
2.27	414.9	461.3	500.8	174.6	194.2	210.8	0.5	0.7	1.5	MYS	
0.44	261.5	509.6	383.3	111.4	217.1	163.3	0.2	0.3	0.3	PHL	
5.32	90.5	221.6	196.1	63.9	156.4	138.4	0.9	1.7	3.4	SGP	
1.32	324.7	377.3	508.3	129.3	150.2	202.4	0.2	0.4	0.9	THA	
4.59	324.2	320.4	260.0	241.8	239.5	194.4	2.8	2.8	3.0		
5.92	329.9	313.8	254.6	251.1	238.9	193.8	3.5	3.4	3.8	AUS	
4.42	287.4	362.7	290.8	199.1	251.4	201.5	2.3	2.7	3.2	NZL	
0.26	334.2	404.3	431.9	130.9	158.3	169.1	0.1	0.1	0.2	PNG	
7.83	350.7	281.4	213.9	345.1	277.0	210.7	6.3	5.3	5.4		
8.28	471.5	385.2	319.7	386.9	316.1	262.3	6.4	5.8	6.2	CAN	
7.78	341.0	273.4	206.0	341.0	273.4	206.0	6.3	5.2	5.3	USA	
1.50	281.9	298.7	266.7	163.1	174.0	153.8	0.8	0.9	1.0		
1.85	392.6	352.5	316.5	205.1	184.2	165.4	0.7	0.8	1.4	CHL	
1.73	281.2	301.3	270.5	171.6	183.9	165.1	1.0	1.1	1.1	MEX	
0.42	209.2	208.7	163.2	87.7	87.4	68.4	0.4	0.3	0.3	PER	
4.68	-	-	1,784.6	-	-	414.7	-	-	3.1	RUS	
0.34	-	0.4	594.1	-	0.1	168.4	-	0.1	0.3	VNM	

	Energy Related CO ₂ Emission			CO ₂ Emission per Capita		
	Mt-C			t-C / Person		
	1980	1990	2006	1980	1990	2006
APEC 19	-	-	4,537	-	-	1.865
APEC 21	-	-	4,986	-	-	1.875
East Asia	661.2	946.2	2,179.2	0.570	0.713	1.436
China	354.4	554.2	1,655.6	0.361	0.488	1.262
Hong Kong, China	4.0	9.2	10.4	0.789	1.616	1.515
Japan	251.5	287.2	321.3	2.154	2.325	2.515
Republic of Korea	32.8	65.4	119.5	0.861	1.525	2.468
Chinese Taipei	18.4	30.2	72.3	1.034	1.482	3.175
Southeast Asia	-	-	354.3	-	-	0.878
Brunei Darussalam	0.6	1.6	2.2	3.336	6.214	5.765
Indonesia	17.3	39.3	90.2	0.117	0.221	0.405
Malaysia	8.1	15.5	40.4	0.586	0.855	1.548
Philippines	8.2	10.2	17.6	0.171	0.167	0.203
Singapore	1.7	8.3	15.2	0.688	2.714	3.393
Thailand	-	-	188.7	-	-	2.974
Oceania	-	-	108.3	-	-	3.483
Australia	-	69.3	98.1	-	4.062	4.740
New Zealand	-	6.1	8.9	-	1.762	2.121
Papua New Guinea	-	-	1.3	-	-	0.205
North America	1,409.6	1,487.9	1,756.2	5.598	5.364	5.289
Canada	119.1	122.8	153.0	4.844	4.420	4.688
United States of America	1,290.5	1,365.1	1,603.2	5.679	5.469	5.355
Latin America	75.2	91.4	138.7	0.783	0.774	0.936
Chile	6.4	9.3	18.8	0.576	0.702	1.146
Mexico	63.0	76.8	112.0	0.932	0.923	1.075
Peru	5.7	5.4	7.9	0.332	0.248	0.286
Russia	-	-	425.6	-	-	2.987
Viet Nam	-	4,659	23.3	-	70.378	0.278

CO ₂ Emission per Real GDP			CO ₂ Emission per Real GDP			CO ₂ Emission per Total Primary Energy Supply			
kt-C / Billions of 2000 USD			kt-C / Billions of 2000 PPP			t-C / toe			
1980	1990	2006	1980	1990	2006	1980	1990	2006	
-	-	199.7	-	-	168.4	-	-	0.774	
-	-	215.4	-	-	173.7	-	-	0.761	
204.1	184.8	257.9	239.4	200.1	206.3	0.785	0.765	0.854	
1,937.5	1,246.6	789.9	775.5	499.0	316.2	0.842	0.847	0.985	CHN
68.4	84.9	47.0	65.7	81.5	45.1	0.755	0.866	0.598	HKG
89.8	69.7	63.1	130.2	101.0	91.6	0.713	0.664	0.612	JPN
267.1	230.6	178.0	187.4	161.8	124.9	0.856	0.700	0.543	KOR
245.0	186.4	193.6	304.6	279.4	257.1	0.734	0.656	0.657	TWN
-	-	484.7	-	-	200.1	-	-	1.043	
-	332.1	315.0	111.5	332.1	315.0	0.198	0.771	0.545	BRN
294.3	360.4	411.6	97.4	119.3	136.3	0.557	0.739	0.691	IDN
317.0	340.5	341.3	133.4	143.3	143.7	0.764	0.738	0.681	MYS
172.3	182.3	176.3	73.4	77.6	75.1	0.659	0.358	0.460	PHL
76.0	185.2	125.1	53.7	130.7	88.3	0.840	0.836	0.638	SGP
-	-	1,143.4	-	-	455.3	-	-	2.250	THA
-	-	197.2	-	-	147.5	-	-	0.759	
-	246.7	203.8	-	187.8	155.2	-	0.786	0.801	AUS
-	152.6	139.5	-	105.7	96.7	-	0.421	0.480	NZL
-	-	334.6	-	-	131.0	-	-	0.775	PNG
254.4	195.8	144.4	250.4	192.8	142.3	0.726	0.696	0.675	
289.2	225.9	181.0	237.3	185.4	148.6	0.613	0.587	0.566	CAN
251.6	193.5	141.7	251.6	193.5	141.7	0.738	0.708	0.688	USA
182.2	186.7	166.7	105.4	108.7	96.1	0.646	0.625	0.625	
230.3	228.8	195.8	120.3	119.5	102.3	0.587	0.649	0.618	CHL
182.3	185.8	168.3	111.2	113.4	102.7	0.648	0.617	0.622	MEX
146.9	149.3	112.0	61.6	62.6	46.9	0.702	0.715	0.686	PER
-	-	1,140.1	-	-	264.9	-	-	0.639	RUS
-	310.2	482.2	-	87.9	136.7	-	53.4	0.812	VNM