승인(협의)번호
제33901호

Vol. 30-10
2014. 10

에너지통계월보

Monthly Energy Statistics

2014년 7월자료

에너지경제연구원
KOREA ENERGY ECONOMICS INSTITUTE

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약어 ABBREVIATIONS

Gwh : gigawatt hour
Mwh : Megawatt hour
Kcal : kilocalorie
Mt : million tonnes
MJ : Mega Joule
GJ : Giga Joule
t : metric ton = tonne = 1,000 kg
toe : tonne of oil equivalent = 10^7Kcal

TPES : Total Primary Energy Supply
TFEC : Total Final Energy Consumption
HDD : Heating Degree Days
CDD : Cooling Degree Days
BPSD : Barrel Per Stream Day
BPCD : Barrel Per Calender Day
D-D : Direct Dealing
FOB : Free On Board
CIF : Cost, Insurance and Freight

- nil
p Preliminary
… not available
e estimate

열량환산계수 적용안내

에너지법 시행규칙 제5조제1항에 의거 2007년부터 매 5년마다 변경된 열량을 적용하고 있으니 이용에 유의하시기 바랍니다. 따라서 2012년 에너지 통계는 개정된 열량을 적용하였습니다.

에너지경제연구원

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1. 일러두기

가. 단위

- 에너지수급통계에서 사용하는 단위는 고유(물량) 단위와 열량 단위가 있으며, 고유(물량) 단위의 환산은 “2. 단위 및 열량환산표” 참조
- 열량은 단위는 Kcal, TOE를 사용하며 참고로 IEA에서는 줄(joule)을 사용하고 있음.
- 1톤(T)은 1 메트릭톤(M/T), 1,000kg과 같은 개념이며, 에너지통계의 고유단위로 사용함. 메트릭톤은 미터법상의 1톤과 롱톤(L/T), 숏톤(S/T)의 상대되는 개념임.

나. 열량

- 에너지수급통계는 에너지법 시행령 제15조제1항에 따라 정하는 에너지열량환산기준 중 총발열량을 적용하며, IEA 등 일부 국가에서는 목적에 따라 순발열량을 적용하는 경우도 있음.
- 에너지열량환산기준은 1980년 이후 6차에 걸친 개정이 있었으며, 2007년부터는 2006년에 제정된 에너지법에 따라 매 5년마다 작성 · 공포함(에너지법 시행규칙 제5조 제2항).
- 2007년 이전까지는 일부 에너지원이 추가되는 수준의 열량개정이 이루어져 통계에 큰 영향을 주지 못했으나 2007년부터는 동일 에너지원이라도 열량차이가 커서 시행 첫년도에는 단층현상 발생
- 따라서 2007년이후 5년 주기의 열량개정에 따라 발생되는 개정 첫년도의 단층현상 완화를 위하여 개선안을 연구 중임.

다. 주요 용어

1) 1차에너지

- 생산, 수출입 및 재고증감에 의해 국내 공급된 에너지이며, 타 에너지로 전환되기 위해 투입되는 에너지와 산업, 수송, 가정, 상업용으로 소비되는 최종에너지의 합으로 계산
- 현행 국가에너지밸런스에서는 원유의 투입과 석유제품의 생산에 해당하는 석유정제를 전환통계로 보지 않고, 대신 생산된 석유제품을 1차에너지 수입으로 간주하여 작성

2) 최종에너지

- 산업, 수송, 가정 및 상업부문 등 최종에너지 소비부문에서 사용하는 에너지로, 최종소비자가 직접 사용한 1차에너지와 전환과정을 거친 2차에너지가 여기에 해당

- 현 국가통계에서 전력과 열에너지는 한전 및 지역난방 사업자가 공급하는 양만 최종에너지소비에 포함
- 자가생산자가 생산한 전력과 열에너지는 생산부문 및 업종의 연료소비로 최종소비에 포함되나, 전력거래소에 판매된 자가발전은 전력으로 최종소비에 포함

3) 에너지전환

- 에너지전환은 사용하기 편리한 에너지로 변환하는 과정을 말하며 발전, 석유정제, 지역난방, 가스제조 등이 해당
- 발전은 사업자 및 자가 생산을 모두 포함하여야 하나, 현재 국가통계는 자가발전 투입연료를 자가발전사업자의 소비에 포함
- 석유정제는 원유의 투입과 석유제품의 산출 과정을 의미하나, 현 에너지밸런스에서는 정제 생산된 석유제품을 1차에너지로 간주하고 투입 원유는 반영하지 않음.

4) 1인당 에너지소비

- 1년동안 공급된 1차에너지를 인구수로 나눈 값이며, 이때 인구수는 연앙 인구를 사용

5) 수입의존도

- 1차에너지에 대한 순수입으로 계산하는 것이 일반적이나, 우리나라의 경우는 1차에너지중에서 수입에너지 소비가 차지하는 비중으로 계산
- 원자력의 원료인 우라늄을 수입에너지로 간주하여 수입의존도를 발표하고 있으나, 국제기준에 의해 국내생산에 포함한 수입의존도를 병기함.

6) GDP 단위당 에너지 소비

- 에너지원단위=1차에너지/총부가가치(GDP)이며, 경제활동에 투입된 에너지소비의 효율성을 평가하는 지표로서 산업구조, 부가가치, 에너지절약 및 이용효율 수준 등에 좌우

7) 에너지소비의 GDP 탄력성

- 경제활동 변화에 대한 에너지소비 변화의 탄력도를 말한다. 경제활동을 나타내는 자료는 GDP를 이용하며, 1차에너지 증감율/GDP 증감율로 계산

2. 단위 및 열량환산표 Unit Conversion Factors

가. 부피

Units	m^3	cm^3	liter	in^3	ft^3	미gal	영gal	bbl
1 m^3	1	10^6	10^3	6.102374×10^4	35.31467	264.1721	219.969	6.2892
1 cm^3	10^{-6}	1	10^{-3}	0.06102374	3.531467×10^{-5}	2.641721×10^{-4}	2.19969×10^{-1}	0.62892×10^{-5}
1 liter	10^{-3}	1000	1	61.02374	0.03531467	0.2641721	0.219969	6.2892×10^{-3}
1 in^3	1.638706×10^{-5}	16.38706	0.01638706	1	5.787037×10^{-4}	4.32900×10^{-3}	3.60465×10^{-3}	0.10306×10^{-3}
1 ft^3	2.831685×10^{-2}	28316.85	28.31685	1728	1	7.480520	6.2288	0.178
1 gal(U.S)	3.785412×10^{-3}	3785.412	3.785412	231	0.1336806	1	0.83268	0.023809
1 gal(U.K)	0.004561	4546.1	4.5461	277.42	0.160544	1.20094	1	0.028571
bbl	0.158988	158988	158.988	9.702	5.6146	42	34.9726	1

나. 무게

Units	g	kg	oz	lb	metric ton	Short ton(미)	Lontg ton(영)
1 g	1	10^{-3}	0.03527396	2.20462×10^{-3}	10^{-6}	1.10231×10^{-6}	9.842×10^{-7}
1 kg	1000.	1	36.27396	2.204623	10^{-3}	1.10231×10^{-3}	9.842×10^{-4}
1 oz(avdp)	28.34952	0.02834952	1	0.0625	2.83495×10^{-5}	5×10^{-1}	2.790×10^{-5}
1 lb(avdp)	453.5924	0.4535924	16	1	4.53592×10^{-4}	0.0005	4.464×10^{-4}
1 metric ton	10^6	1000	35273.96	2204.623	1	1.102311	0.9842
1 ton(U.S)	907184.7	907.1847	32000.	2000	0.9071847	1	7.8927
1 ton(U.K)	1016.0×10^3	1016.0	35.838×10^3	2240.143	1.0160	1.1200	1

다. 에너지

Units	J	cal	Btu	kW hr	hp hr	ft-lb(wt)
1 J	1	0.2388853	9.479735×10^{-4}	2.778236×10^{-7}	3.725676×10^{-7}	0.7376839
1 cal	4.186109	1	3.968321×10^{-3}	1.163000×10^{-6}	1.559609×10^{-6}	3.088025
1 Btu	1054.882	251.9958*	1	2.930711×10^{-4}	3.930148×10^{-4}	778.1693
1 kW hr	3599406	859845.2	3412.142	1	1.341022	2655224
1 hp hr	2684077	641186.5	2544.33	0.7456998	1	1980000.*
1 ft-lb(wt)	1.355594	0.3238315	1.285067×10^{-3}	3.766161×10^{-7}	$5.050505\cdots\times10^{-7}$	1

라. 비중과 톤당 용적(60°F 기준)

API	비 중	배럴/메트릭톤	배럴/롱톤
25	0.904	6.98	7.09
26	0.898	7.02	7.13
27	0.893	7.06	7.18
28	0.887	7.10	7.22
29	0.882	7.15	7.27
30	0.876	7.19	7.31
31	0.871	7.24	7.36
32	0.865	7.28	7.40
33	0.860	7.33	7.45
34	0.855	7.37	7.49
35	0.850	7.42	7.54
36	0.845	7.46	7.58
37	0.840	7.51	7.63
38	0.835	7.55	7.67
39	0.830	7.60	7.72
40	0.825	7.64	7.76
41	0.820	7.69	7.81
42	0.816	7.73	7.85

마. 단위의 배수

명 칭	기 호	크 기
Tera	T	10^{12}
Giga	G	10^{9}
Mega	M	10^{6}
Kilo	K	10^{3}
Hecta	h	10^{2}
Deca	da	10^{1}
Deci	d	10^{-1}
Centi	c	10^{-2}
Milli	m	10^{-3}
Micro	μ	10^{-6}
Nano	n	10^{-9}
Pico	p	10^{-12}
Femto	f	10^{-15}
Atto	a	10^{-18}

바. 석유제품환산표

구 분	배럴→톤	톤→배럴	배럴/일→톤/년	톤/년→배럴/일
원 유	0.136	7.33	49.8	0.0201
휘 발 유	0.118	8.45	43.2	0.0232
등 유	0.128	7.80	46.8	0.0214
경 유	0.133	7.50	48.7	0.0205
중 유	0.149	6.70	54.5	0.0184

※ 세계평균비중

사. 원유환산표

구 분	톤 (매트릭톤)	롱톤	숏톤	배럴	입방미터 (㎥)	1천 갤론 (영)	1천 갤론 (미)
톤 (매트릭톤)	1	0.984	1.102	7.33	1.16	0.256	0.308
롱 톤	1.016	1	1.120	7.45	1.18	0.261	0.313
숏 톤	0.907	0.893	1	6.65	1.05	0.233	0.279
배 럴	0.136	0.134	0.150	1	0.159	0.035	0.042
입 방 미 터(㎥)	0.863	0.849	0.951	6.29	1	0.220	0.264
천 갤 런 (영)	3.91	3.83	4.29	28.6	4.55	1	1.201
천 갤 론 (미)	3.25	3.19	3.58	23.8	3.79	0.833	1

자료 : BP.com

3. 에너지 열량 환산기준 Energy Conversion Factors/Oil Equivalent 〈에너지법 시행규칙(제5조제1항, 별표)〉

〈개정 2011.12.30.〉

		단위	총발열량(kcal)						'07년 대비 열량 증감
			1980	1981	1987	1990	2007	2012	
석유 (17종)	원유	kg	10,000	10,000	10,000	10,000	10,750	10,730	↓ 20
	휘발유	ℓ	8,300	8,300	8,300	8,300	8,000	7,780	↓ 220
	등유(실내)	ℓ	8,700	8,700	8,700	8,700	8,800	8,790	↓ 10
	등유(보일러)	ℓ	8,700	8,700	8,700	8,700	8,950	8,790	↓ 160
	경유	ℓ	9,200	9,200	9,200	9,200	9,050	9,010	↓ 40
	B-A	ℓ	9,500	9,400	9,400	9,400	9,300	9,290	↓ 10
	B-B	ℓ	9,200	9,700	9,700	9,700	9,650	9,670	↑ 20
	B-c	ℓ	9,900	9,900	9,900	9,900	9,900	9,950	↑ 50
	프로판	kg	12,000	12,000	12,000	12,000	12,050	12,050	-
	부탄	kg	11,800	11,800	11,800	11,800	11,850	11,850	-
	납사	ℓ	8,000	8,000	8,000	8,000	8,050	7,710	↓ 340
	용제	ℓ	-	-	-	(8,200)	7,950	7,950	-
	항공유(JA-1)	ℓ	-	8,700	8,700	8,700	8,750	8,730	↓ 20
	항공유(JP-4)	ℓ	-	8,500	8,500	8,500	8,750	8,730	
	항공유(AVI-G)	ℓ	-	8,700	8,700	8,700	8,750	8,730	
	아스팔트	kg	-	-	-	(10,000)	9,900	9,910	↑ 10
	윤활유	ℓ	-	-	-	(9,400)	9,250	9,500	↑ 250
	석유코크스	kg	-	-	-	(10,800)	8,100	8,000	↓ 100
	부생연료 1호	ℓ	-	-	-	-	8,850	8,800	↓ 50
	부생연료 2호	ℓ	-	-	-	-	9,700	9,550	↓ 150
가스 (3종)	천연가스(LNG)	kg	-	9,500	12,980	13,000	13,000	13,040	↑ 40
	도시가스(LNG)	N㎥	7,000	7,000	7,000	10,500	10,550	10,430	↓ 120
	도시가스(LPG)	N㎥	-	-	-	15,000	15,000	15,000	-
석탄 (7종)	국내무연탄	kg	4,600	4,600	4,500	4,500	4,650	4,500	↓ 150
	연료용 수입무연탄	kg	-	-	-	6,000	6,550	5,020	↓ 1,530
	원료용 수입무연탄	kg	-	-	-	6,000	6,550	5,900	↓ 650
	연료용 유연탄(역청탄)	kg	6,600	6,600	6,600	6,600	6,200	6,160	↓ 40
	원료용 유연탄(역청탄)	kg	6,600	6,600	6,600	6,600	70,00	7,000	-
	아역청탄	kg	-	-	-	-	5,350	5,420	↑ 70
	코크스	kg	6,500	6,500	6,500	6,500	7,050	6,960	↓ 90
전기 등 (3종)	전기(발전기준)	kWh	2,500	2,500	2,500	2,500	2,150	2,110	↓ 40
	전기(소비기준)	kWh	-	-	-	-	-	2,300	-
	신탄	kg	4,500	4,500	4,500	4,500	4,500	4,500	-

주 1. "총발열량"이라 함은 연료의 연소과정에서 발생하는 수증기의 잠열을 포함한 발열량
2. "석유환산톤(toe: ton of oil equivalent)이란 원유 1톤이 갖는 열량(1 toe = 10^7kcal = 41.868GJ)
3. 석탄의 발열량은 인수식 기준, 최종소비 전력 환산은 1KWh = 860kcal 적용

4. 에너지수급통계 작성 개요

가. 통계작성 승인내용

- 통계의 명칭 : 에너지수급통계
- 통계작성기관 : 에너지경제연구원(http://www.keei.re.kr)
- 통계의 종류 : 일반, 보고통계
- 작성주기: 매월
- 통계작성 승인번호 : 제33901호(2002.04.02)

나. 연혁

- 1982. 11. : 에너지통계연보 초안 작성
- 1983. 11. ~ 2001. 9. : 에너지통계연보 작성 발간(20호)
- 1994. : 통계청 승인 간행물(115-03)
- 2002. 4. : 통계작성 승인(제33901호, 2002.04.02)
- 2008. 2. : 작성기관 변경(산업자원부 → 지식경제부)
- 2008. 6. : 작성기관 변경(지식경제부 → 에너지경제연구원)

다. 작성 방법

- "에너지통계의 작성등에 관한 규정"(산업통상자원부 고시 제2013-70호) 제4조의 에너지수급통계 작성기관에서 매월 생산 및 판매실적을 보고 받아 에너지경제연구원에서 에너지밸런스 및 국가에너지수급 관련 통계를 작성

※ 에너지 수급 통계 작성 Flow 참조

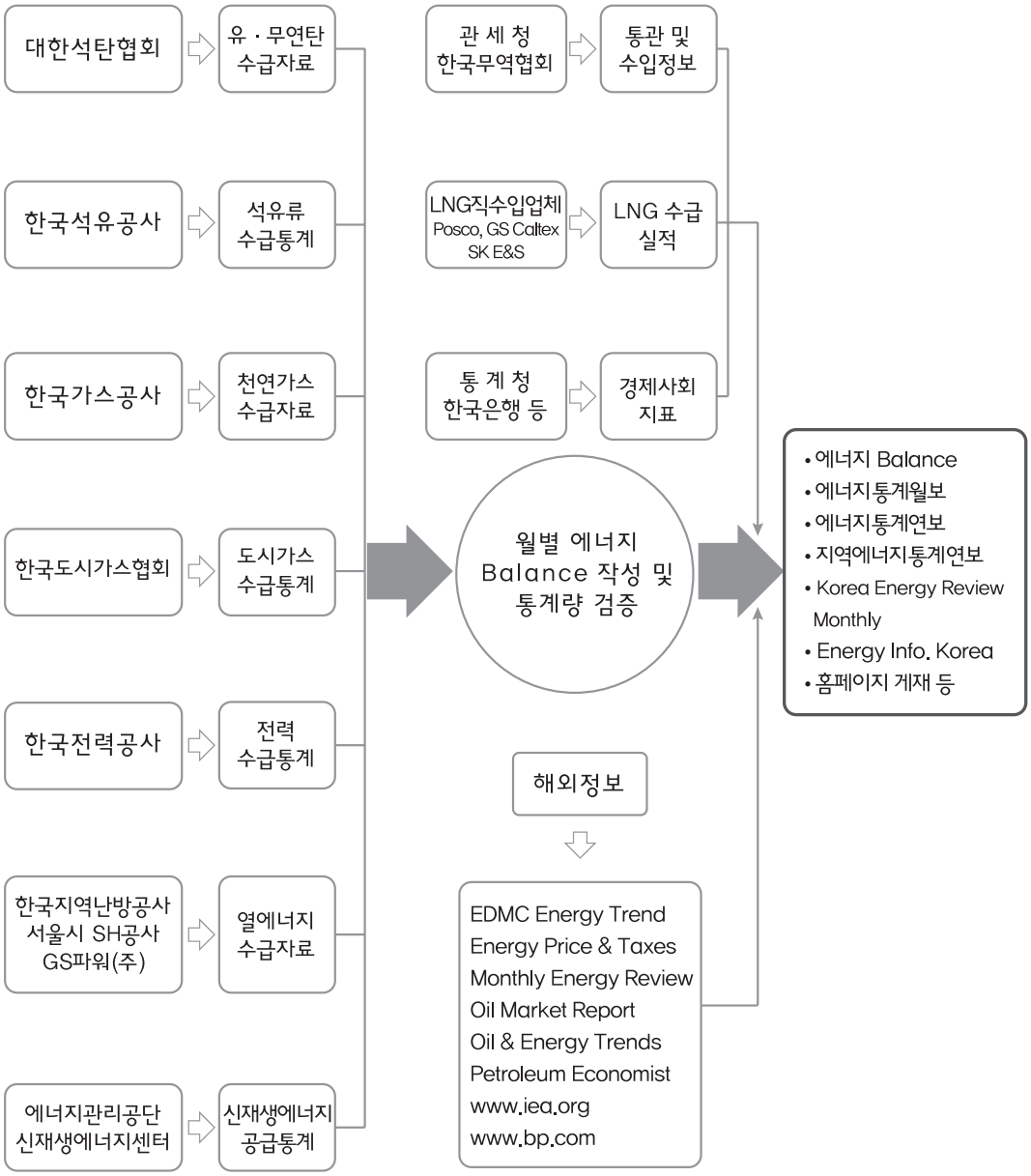
라. 작성 내용

- 에너지생산 및 수 · 출입 : 국내생산, 수입, 수출, 국제벙커링, 재고 등
- 1차에너지 공급 및 전환(발전, 지역난방, 가스제조, 자가소비 및 손실)
- 최종에너지 소비
  - 산업부문 : 농림어업, 광업, 제조업(11개업종), 건설업
  - 수송부문 : 철도운수, 육상운수, 수상운수, 항공운수
  - 가정 · 상업, 공공 : 가정, 상업, 공공

마. 결과 공표

- 간행물, KESIS(Korea Energy Statistics Information System), 인터넷(PDF 파일)
- 간행물 : 에너지통계월보(매월), 에너지통계연보(매년)
  - 「에너지통계월보」발간 : 매월 15일경
  - 「에너지통계연보」발간 : 매년 12월경

※ 에너지수급통계 작성 Flow



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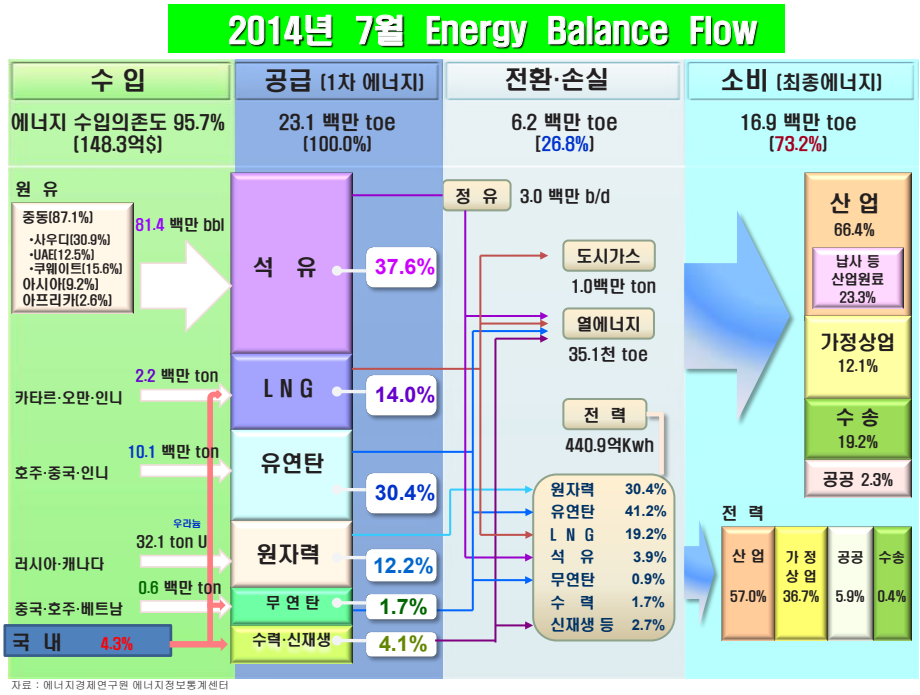
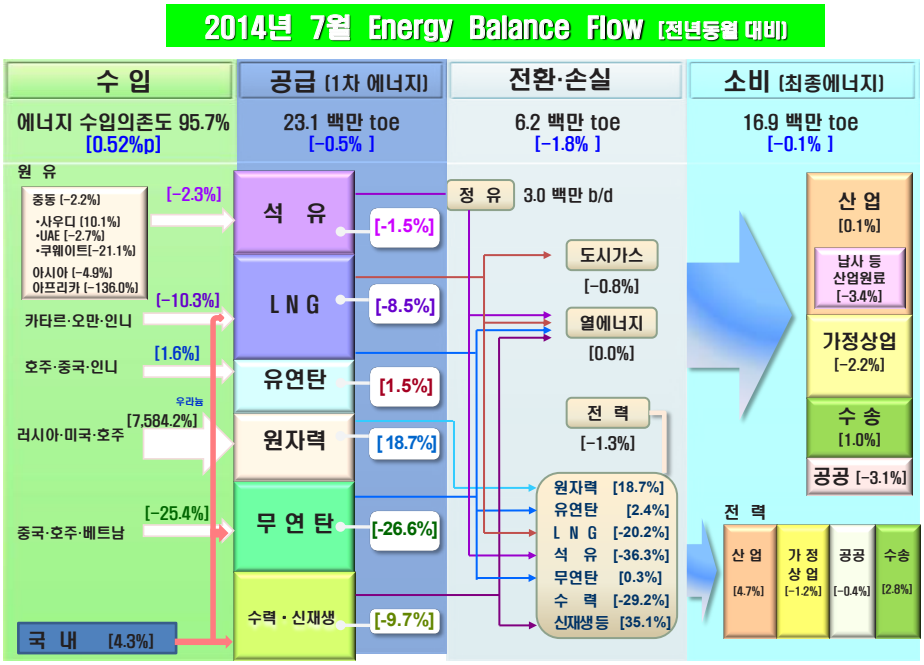
※ Energy Balance Flow



자료 : 에너지경제연구원 에너지정보통계센터



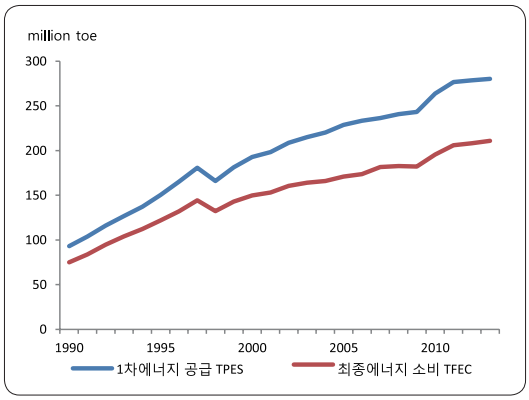
자료 : 에너지경제연구원, [ ]는 전년동월 대비 증감

1. 에너지 개요 및 1차에너지 공급

Energy overview and primary energy supply

▢ 1차에너지 공급, 최종에너지 소비 Primary energy supply, Final energy consumption

<1990~2013>



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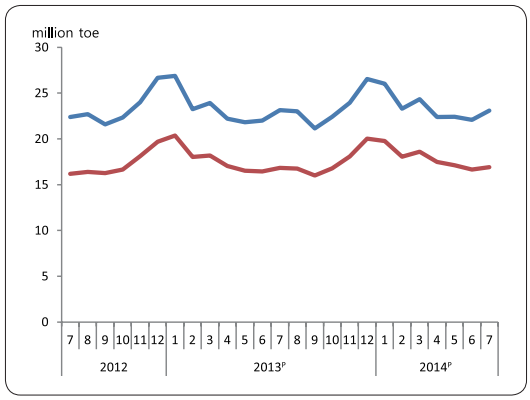
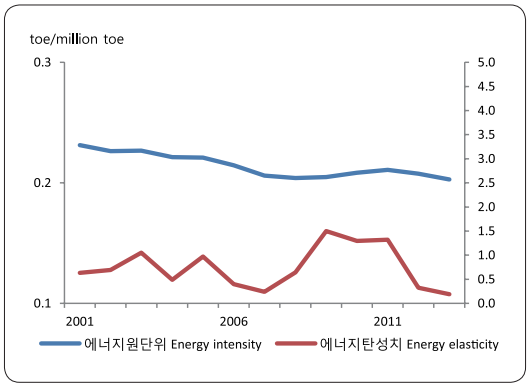


▢ 에너지원단위, 에너지탄성치 Energy intensity, Energy elasticityon oil

<2001~2013>



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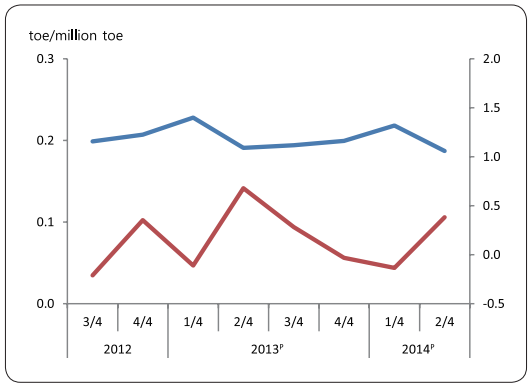
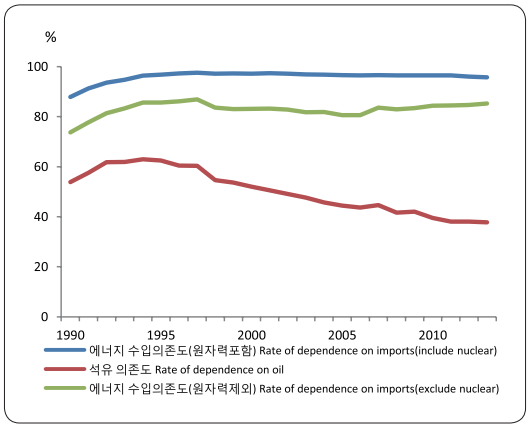


▢ 에너지 수입의존도, 석유 의존도 Rate of dependence on imports, Rate of dependence on oil

<1990~2013>



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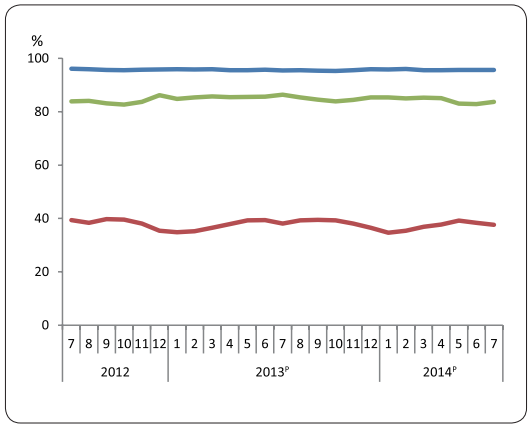


1.1 주요 에너지지표 Major energy indicators

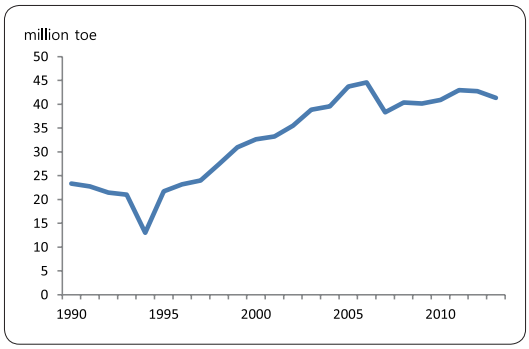
		1차에너지 공급 TPES	최종에너지 소비 TFEC	에너지원단위[1] Energy intensity	에너지탄성치[1] Energy elasticity	에너지수입액 Energy import value	에너지 수입의존도[2] Rate of dependence on imports	석유 의존도 Rate of dependence on oil
		1,000 toe		toe/million won	△TPES/△GDP	million US$	%	
1990		93,192	75,107	-	-	10,908	87.9	53.8
1991		103,619	83,803	-	-	12,754	91.3	57.5
1992		116,010	94,623	-	-	14,654	93.6	61.8
1993		126,879	104,048	-	-	15,088	94.8	61.9
1994		137,234	112,206	-	-	15,471	96.4	62.9
1995		150,437	121,962	-	-	19,053	96.8	62.5
1996		165,212	132,033	-	-	24,243	97.3	60.5
1997		180,638	144,432	-	-	27,308	97.6	60.4
1998		165,932	132,128	-	-	18,276	97.1	54.6
1999		181,363	143,060	-	-	22,745	97.2	53.6
2000		192,887	149,852	0.235	-	37,888	97.2	52.0
2001		198,409	152,950	0.231	0.633	33,894	97.3	50.6
2002		208,636	160,451	0.226	0.694	32,290	97.1	49.1
2003		215,066	163,995	0.227	1.051	38,306	96.9	47.6
2004		220,238	166,009	0.221	0.491	49,600	96.7	45.7
2005		228,622	170,854	0.221	0.970	66,697	96.6	44.4
2006		233,372	173,584	0.215	0.401	85,566	96.5	43.6
2007		236,454	181,455	0.206	0.242	94,978	96.6	44.6
2008		240,752	182,576	0.204	0.643	141,475	96.4	41.6
2009		243,311	182,066	0.205	1.502	91,160	96.4	42.1
2010		263,805	195,587	0.208	1.296	121,654	96.5	39.5
2011		276,636	205,863	0.211	1.321	172,490	96.5	38.0
2012		278,698	208,120	0.208	0.325	184,800	96.0	38.1
2013[P]		280,259	211,035	0.203	0.189	178,698	95.7	37.7
2012	7	22,393	16,194	-	-	13,760	96.1	39.4
	8	22,696	16,401	-	-	14,506	96.0	38.4
	9	21,580	16,250	0.199	-0.211	15,421	95.6	39.8
	10	22,336	16,661	-	-	14,704	95.5	39.6
	11	23,984	18,117	-	-	15,729	95.7	38.1
	12	26,661	19,689	0.207	0.353	16,170	95.9	35.4
2013[P]	1	26,879	20,369	-	-	16,374	95.9	34.8
	2	23,249	18,029	-	-	15,966	95.8	35.3
	3	23,922	18,170	0.228	-0.109	15,770	95.9	36.5
	4	22,206	17,043	-	-	14,352	95.6	37.9
	5	21,813	16,522	-	-	14,073	95.6	39.3
	6	21,992	16,432	0.191	0.681	13,965	95.7	39.4
	7	23,152	16,843	-	-	14,330	95.5	38.1
	8	23,014	16,747	-	-	14,324	95.6	39.3
	9	21,135	15,994	0.194	0.282	13,956	95.4	39.5
	10	22,415	16,779	-	-	15,079	95.3	39.3
	11	23,945	18,083	-	-	14,779	95.6	38.1
	12	26,537	20,022	0.200	-0.031	15,730	96.0	36.5
2014[P]	1	26,031	19,773	-	-	17,084	95.9	34.7
	2	23,302	18,046	-	-	15,749	96.0	35.4
	3	24,324	18,610	0.218	-0.135	15,884	95.6	36.9
	4	22,376	17,483	-	-	14,348	95.6	37.7
	5	22,426	17,129	-	-	13,704	95.7	39.2
	6	22,084	16,658	0.187	0.382	13,704	95.6	38.3
	7	23,101	16,900	-	-	14,827	95.7	37.6
2013[P]	1-7	163,212	123,409	-	-	104,831	95.7	37.2
2014[P]	1-7	163,646	124,599	-	-	105,300	95.7	37.1

1. 월별 수치는 분기자료임.
2. 원자력 포함

1. Monthly figures are on quarterly basis.
2. Include nuclear power

▢ 에너지 생산 Total energy production

<1990~2013>



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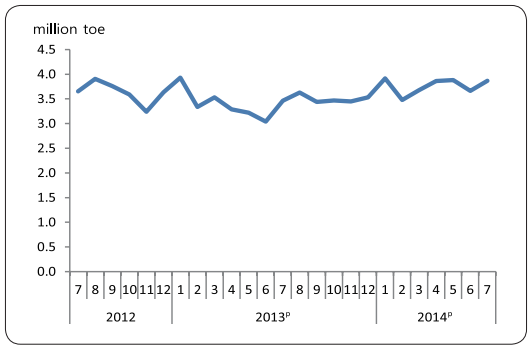
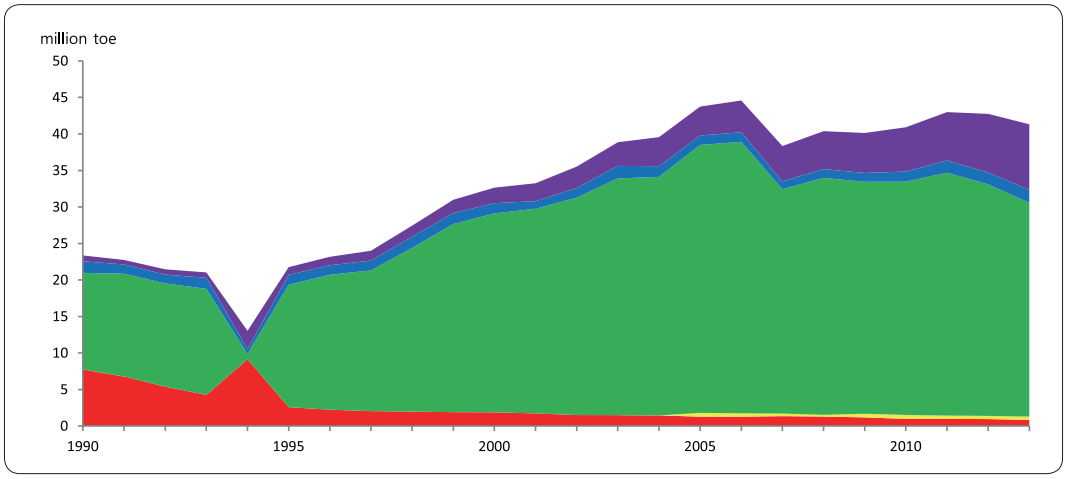


▢ 에너지원별 생산 Energy production by source

<1990~2013>



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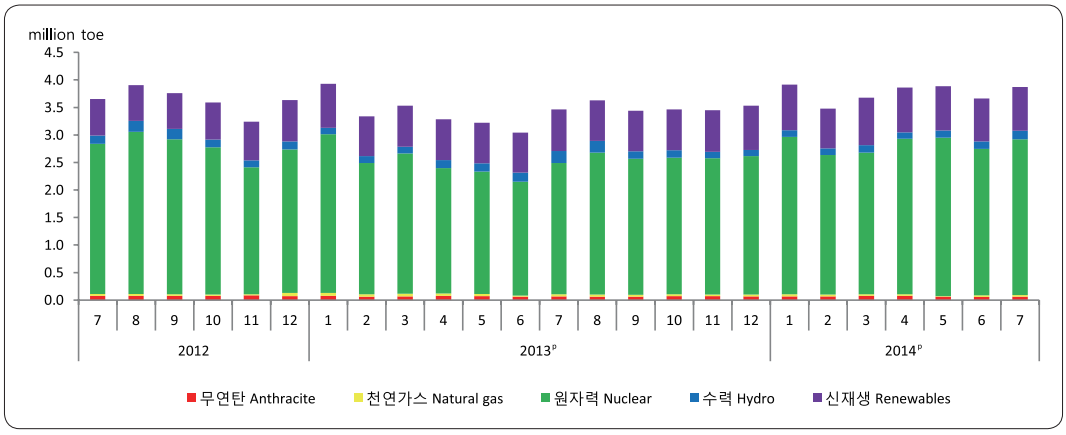


1.2 에너지 생산 Energy production by source

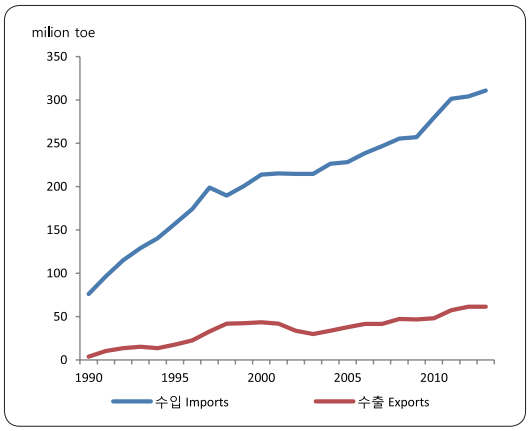
		합계 Total	무연탄 Anthracite	천연가스[1] Natural gas	수력 Hydro	원자력 Nuclear	신재생 Renewables
		1,000 toe					
1990		23,356	7,748	-	1,590	13,222	797
1991		22,734	6,776	-	1,263	14,078	617
1992		21,457	5,387	-	1,216	14,133	723
1993		21,027	4,249	-	1,502	14,535	742
1994		13,031	9,138	-	677	724	2,492
1995		21,751	2,574	-	1,369	16,757	1,051
1996		23,170	2,228	-	1,301	18,481	1,161
1997		23,998	2,031	-	1,351	19,272	1,344
1998		27,435	1,962	-	1,525	22,422	1,526
1999		30,978	1,889	-	1,517	25,766	1,806
2000		32,641	1,868	-	1,402	27,241	2,130
2001		33,244	1,718	-	1,038	28,033	2,456
2002		35,521	1,493	-	1,327	29,776	2,925
2003		38,861	1,484	-	1,722	32,415	3,241
2004		39,557	1,436	-	1,465	32,679	3,977
2005		43,745	1,274	518	1,297	36,695	3,961
2006		44,582	1,271	461	1,305	37,187	4,358
2007		38,338	1,342	353	1,084	30,731	4,828
2008		40,376	1,289	236	1,196	32,456	5,198
2009		40,133	1,171	498	1,213	31,771	5,480
2010		40,912	969	539	1,391	31,948	6,064
2011		42,987	969	451	1,684	33,265	6,618
2012		42,748	942	436	1,615	31,719	8,036
2013[p]		41,321	817	463	1,771	29,283	8,987
2012	7	3,650	78	33	150	2,729	661
	8	3,906	78	31	199	2,947	651
	9	3,759	76	29	189	2,819	647
	10	3,590	78	22	143	2,674	673
	11	3,240	88	17	129	2,306	700
	12	3,633	73	56	144	2,607	753
2013[p]	1	3,930	75	53	119	2,884	798
	2	3,337	61	45	125	2,384	721
	3	3,532	68	48	123	2,548	744
	4	3,286	75	43	145	2,281	742
	5	3,222	70	43	153	2,221	734
	6	3,041	63	18	166	2,067	727
	7	3,463	68	38	223	2,382	753
	8	3,626	64	39	212	2,576	736
	9	3,440	61	35	140	2,469	735
	10	3,466	72	35	137	2,480	741
	11	3,449	71	32	117	2,474	755
	12	3,529	68	33	111	2,516	801
2014[p]	1	3,917	69	34	125	2,859	829
	2	3,478	69	29	120	2,536	723
	3	3,679	75	31	136	2,574	863
	4	3,863	79	29	116	2,823	817
	5	3,884	60	11	131	2,877	804
	6	3,663	57	30	133	2,662	782
	7	3,869	63	29	158	2,827	791
2013[p]	1-7	23,811	481	288	1,054	16,768	5,219
2014[p]	1-7	26,353	473	194	918	19,159	5,609

1. 동해-1 가스전 생산량

1. Production at Donghae-1 gas field

▢ 에너지 수출입 Energy imports and exports

<1990~2013>



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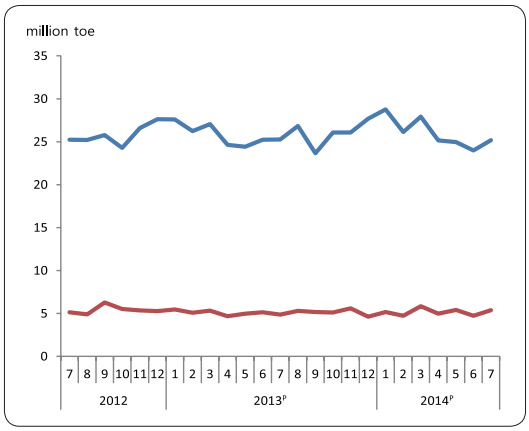
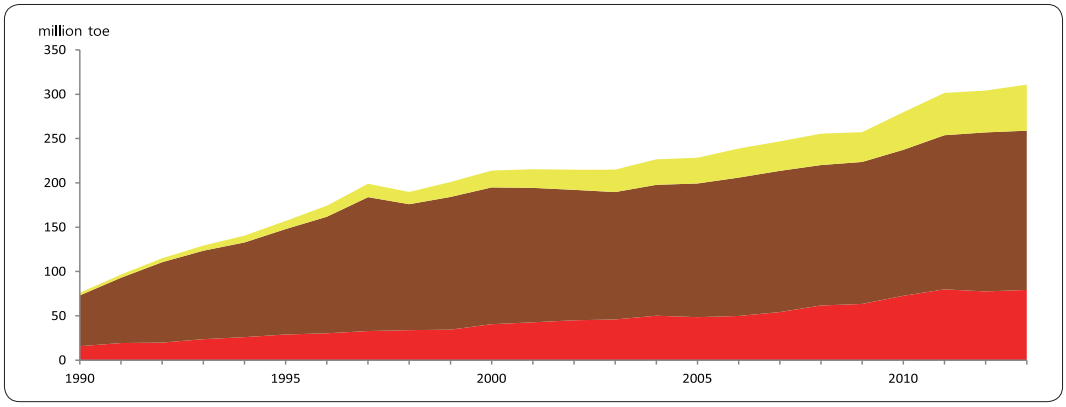


▢ 에너지원별 수입 Energy imports by source

<1990~2013>



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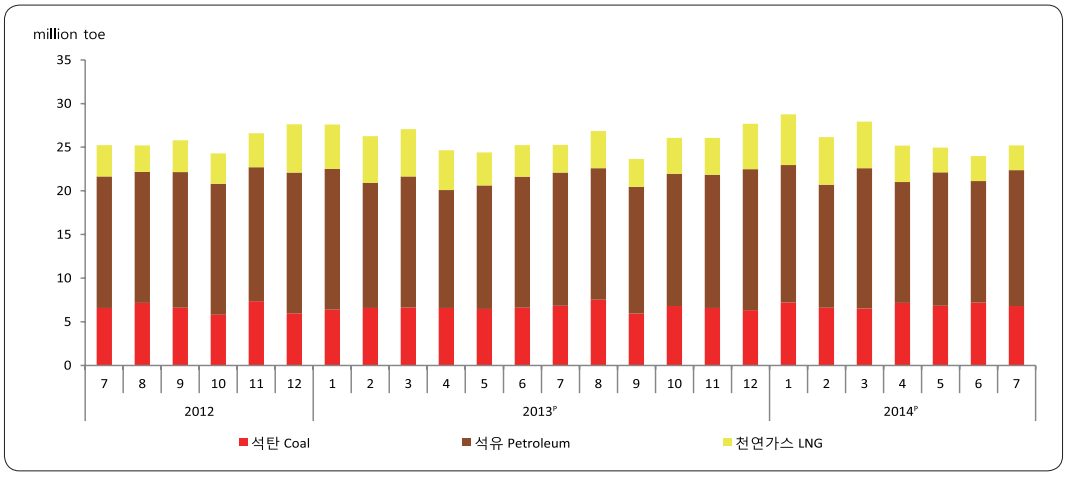
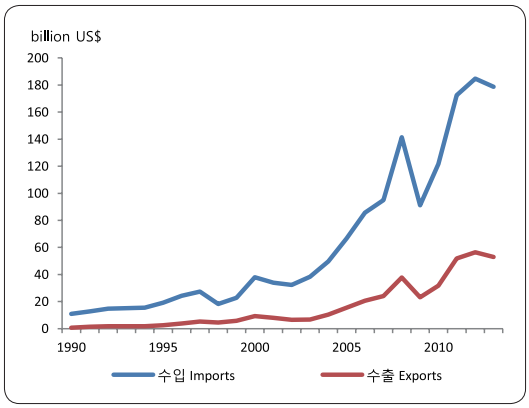


1.3.1 에너지 수출입 Energy imports and exports

		수입 Imports				수출 Exports	순수입
		합계 Total	석탄 Coal	석유 Petroleum	천연가스 LNG	석유 Petroleum	Net imports
		1,000 toe					
1990		76,072	15,752	57,345	2,974	3,997	72,075
1991		96,596	19,321	73,689	3,586	10,418	86,178
1992		115,001	19,816	90,732	4,453	13,769	101,232
1993		129,274	23,696	99,788	5,790	15,385	113,888
1994		140,503	25,966	106,830	7,707	13,788	126,714
1995		157,094	28,956	118,959	9,178	17,744	139,350
1996		174,286	30,327	131,486	12,473	22,686	151,600
1997		199,007	32,850	151,040	15,118	33,046	165,961
1998		189,711	33,847	142,084	13,780	42,049	147,663
1999		200,966	34,410	149,691	16,865	42,362	158,604
2000		213,810	40,559	154,300	18,951	43,577	170,233
2001		215,372	42,691	151,668	21,013	41,991	173,381
2002		214,833	44,990	147,133	22,711	33,770	181,064
2003		214,866	45,894	143,708	25,264	29,873	184,994
2004		226,558	50,139	147,620	28,799	33,644	192,913
2005		228,340	48,498	150,798	29,044	37,886	190,454
2006		238,702	49,854	156,060	32,788	41,574	197,128
2007		246,773	54,237	159,298	33,239	41,709	205,063
2008		255,509	61,665	158,407	35,436	47,472	208,037
2009		257,143	63,431	160,144	33,568	46,758	210,385
2010		279,649	72,576	164,689	42,384	48,224	231,426
2011		301,425	79,861	173,875	47,690	57,541	243,884
2012		304,116	77,546	179,387	47,184	61,454	242,662
2013[p]		310,842	79,230	179,613	51,998	61,377	249,465
2012	7	25,244	6,590	15,066	3,588	5,128	20,116
	8	25,213	7,174	14,997	3,042	4,885	20,328
	9	25,792	6,611	15,537	3,643	6,288	19,504
	10	24,294	5,811	14,992	3,491	5,511	18,783
	11	26,602	7,346	15,359	3,897	5,348	21,254
	12	27,623	5,970	16,117	5,536	5,278	22,345
2013[p]	1	27,607	6,379	16,122	5,106	5,477	22,131
	2	26,255	6,577	14,339	5,339	5,087	21,168
	3	27,069	6,641	15,000	5,427	5,323	21,746
	4	24,644	6,578	13,522	4,543	4,684	19,960
	5	24,413	6,460	14,172	3,780	4,984	19,429
	6	25,248	6,605	15,029	3,614	5,150	20,099
	7	25,252	6,819	15,281	3,153	4,859	20,392
	8	26,843	7,539	15,058	4,246	5,307	21,537
	9	23,659	5,943	14,502	3,214	5,159	18,500
	10	26,081	6,798	15,153	4,130	5,117	20,964
	11	26,082	6,571	15,264	4,248	5,597	20,486
	12	27,690	6,322	16,171	5,197	4,634	23,055
2014[p]	1	28,765	7,223	15,739	5,804	5,178	23,587
	2	26,141	6,615	14,079	5,447	4,722	21,419
	3	27,923	6,524	16,058	5,342	5,848	22,075
	4	25,166	7,175	13,826	4,165	4,981	20,185
	5	24,965	6,831	15,295	2,839	5,399	19,566
	6	23,992	7,199	13,929	2,865	4,740	19,253
	7	25,193	6,801	15,564	2,827	5,397	19,796
2013[p]	1-7	180,486	46,058	103,466	30,963	35,563	144,923
2014[p]	1-7	182,146	48,369	104,489	29,288	36,265	145,880

▢ 에너지 수출입액 Energy export and import value

<1990~2013>



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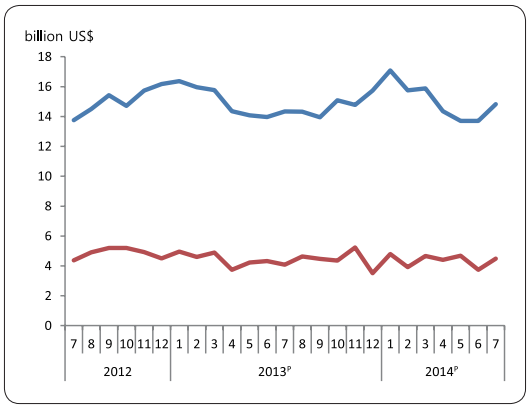
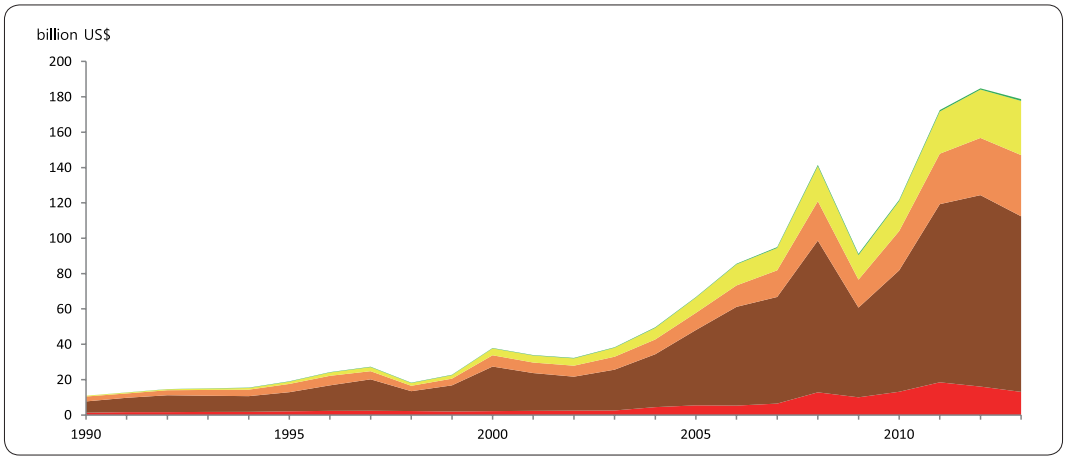


▢ 에너지원별 수입액 Import value by energy source

<1990~2013>



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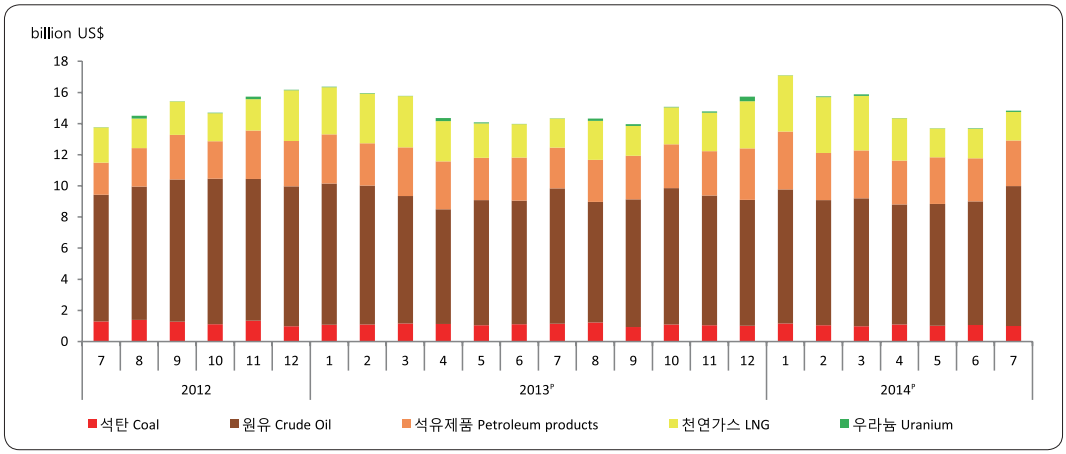


1.3.2 에너지 수출입액 Energy export and import value

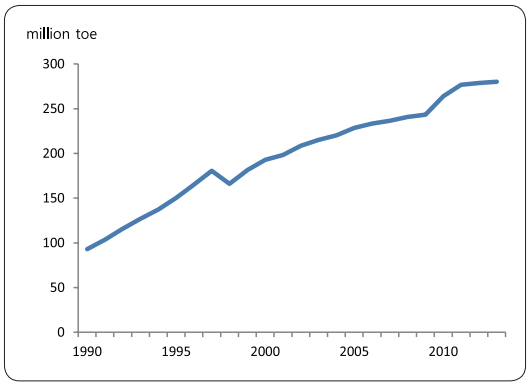
		수입 Imports						수출 Exports	수입액 비중
		합계 Total	석탄 Coal	원유 Crude Oil	석유제품 Petroleum products	천연가스 LNG	우라늄 Uranium	석유 Petroleum	Energy/Total import
		million US$							%
1990		10,908	1,288	6,386	2,774	460	1	650	15.6
1991		12,754	1,600	8,134	2,451	485	84	1,451	15.6
1992		14,654	1,616	9,548	2,829	562	98	1,662	17.9
1993		15,088	1,733	9,151	3,288	781	135	1,795	18.0
1994		15,471	1,777	8,878	3,664	961	191	1,668	15.1
1995		19,053	2,081	10,809	4,673	1,275	215	2,393	14.1
1996		24,243	2,337	14,432	5,395	1,878	201	3,809	16.1
1997		27,308	2,399	17,772	4,606	2,296	236	5,259	18.9
1998		18,276	2,229	11,241	3,043	1,549	214	4,523	19.6
1999		22,745	1,966	14,783	3,802	1,973	222	5,709	19.0
2000		37,888	2,186	25,216	6,379	3,882	225	9,257	23.6
2001		33,894	2,347	21,368	5,956	3,990	233	7,910	24.0
2002		32,290	2,475	19,200	6,214	4,120	280	6,446	21.2
2003		38,306	2,552	23,082	7,325	5,082	265	6,721	21.4
2004		49,600	4,438	29,917	8,357	6,552	336	10,272	22.1
2005		66,697	5,443	42,606	9,716	8,646	286	15,444	25.5
2006		85,566	5,318	55,865	12,119	11,925	339	20,505	27.7
2007		94,978	6,445	60,324	15,066	12,653	489	24,060	26.6
2008		141,475	12,810	85,855	22,275	19,806	729	37,684	32.5
2009		91,160	9,995	50,757	15,811	13,875	722	23,069	28.2
2010		121,654	13,131	68,662	22,241	17,006	615	31,699	28.6
2011		172,490	18,477	100,806	28,541	23,859	807	51,794	32.9
2012		184,800	16,069	108,298	32,373	27,364	695	56,385	35.6
2013P		178,698	13,074	99,333	34,628	30,645	1,018	53,011	34.7
2012	7	13,760	1,299	8,130	2,059	2,257	16	4,369	32.8
	8	14,506	1,384	8,569	2,478	1,893	182	4,912	35.3
	9	15,421	1,280	9,135	2,857	2,142	7	5,202	36.2
	10	14,704	1,108	9,353	2,404	1,808	32	5,194	33.9
	11	15,729	1,336	9,115	3,111	2,010	157	4,922	36.3
	12	16,170	982	8,988	2,918	3,250	32	4,496	37.5
2013P	1	16,374	1,076	9,067	3,164	3,028	39	4,951	36.1
	2	15,966	1,098	8,912	2,717	3,195	43	4,604	39.5
	3	15,770	1,152	8,187	3,137	3,293	0	4,891	35.9
	4	14,352	1,132	7,359	3,077	2,598	185	3,740	32.9
	5	14,073	1,040	8,049	2,713	2,203	69	4,220	33.2
	6	13,965	1,113	7,935	2,763	2,154	0	4,332	34.3
	7	14,330	1,148	8,696	2,610	1,876	0	4,087	33.0
	8	14,324	1,231	7,740	2,700	2,497	156	4,626	34.4
	9	13,956	925	8,205	2,797	1,914	114	4,469	34.0
	10	15,079	1,096	8,764	2,802	2,383	34	4,351	33.1
	11	14,779	1,048	8,330	2,849	2,469	83	5,228	34.3
	12	15,730	1,015	8,088	3,298	3,034	296	3,513	35.5
2014P	1	17,084	1,154	8,615	3,721	3,594	1	4,801	38.2
	2	15,749	1,048	8,032	3,029	3,585	54	3,927	37.4
	3	15,884	985	8,215	3,075	3,513	96	4,660	34.9
	4	14,348	1,098	7,703	2,813	2,730	3	4,409	31.3
	5	13,704	1,020	7,813	3,005	1,853	13	4,674	32.2
	6	13,704	1,068	7,936	2,758	1,898	44	3,739	32.3
	7	14,827	1,000	8,991	2,923	1,841	72	4,492	32.3
2013P	1-7	104,831	7,759	58,206	20,182	18,348	336	30,825	35.0
2014P	1-7	105,300	7,373	57,304	21,324	19,015	284	30,702	34.1

주: 수입액은 CIF, 수출액은 FOB 기준.
자료: 한국무역협회

Note: Import values are based on CIF, and export values are based on FOB.
Source: Korea International Trade Association

▢ 1차에너지 공급 Total primary energy supply

<1990~2013>



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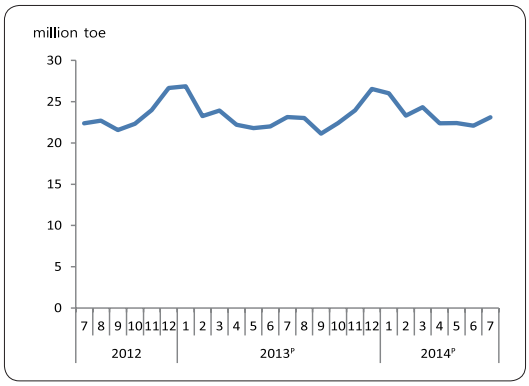
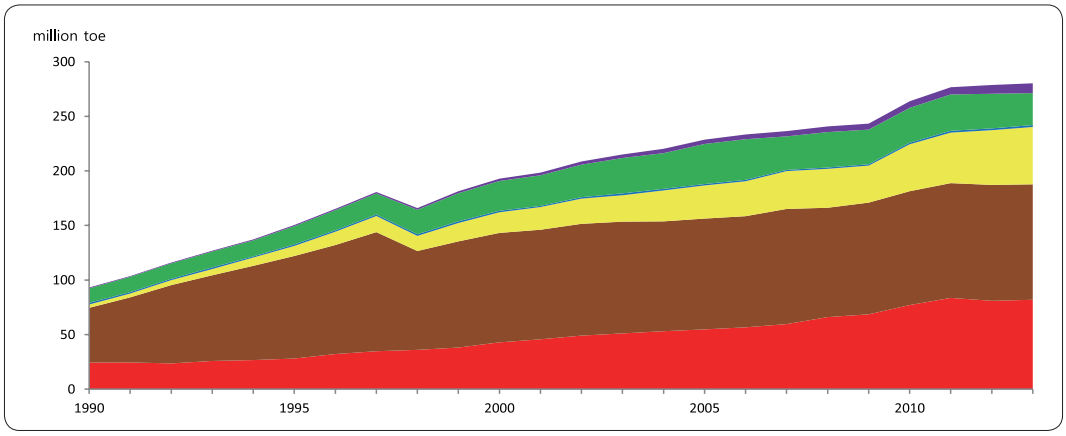


▢ 에너지원별 1차에너지 공급 Primary energy supply by source

<1990~2013>



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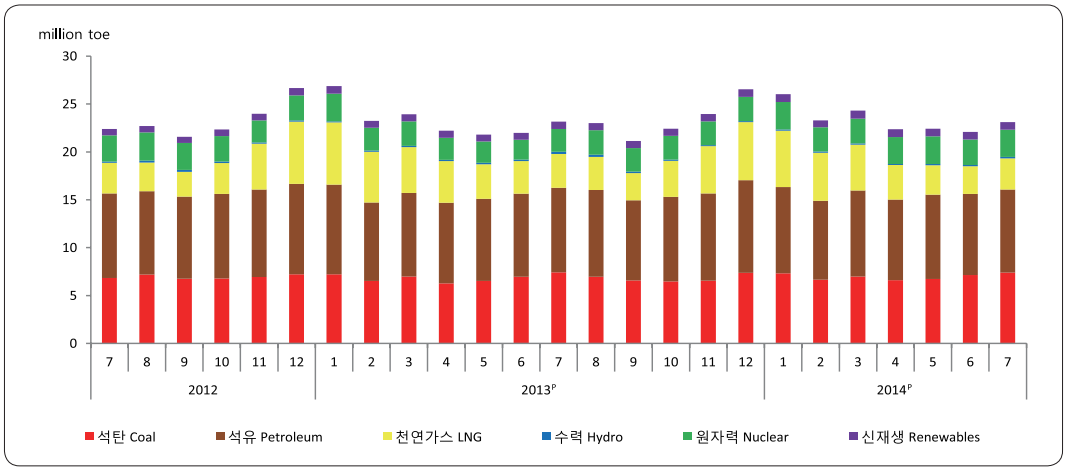
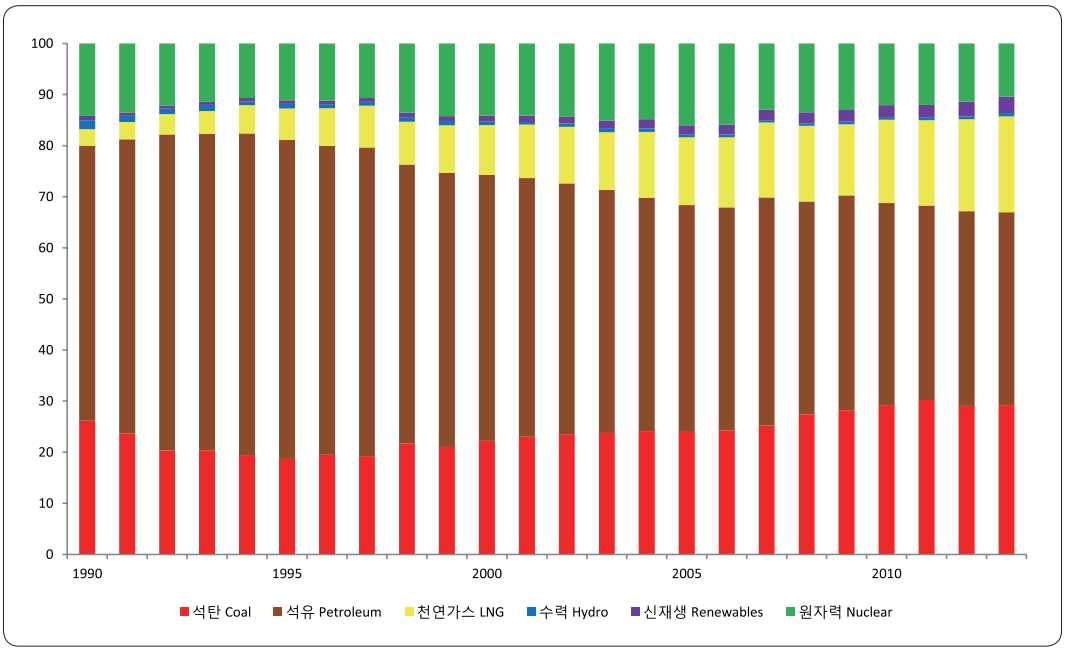


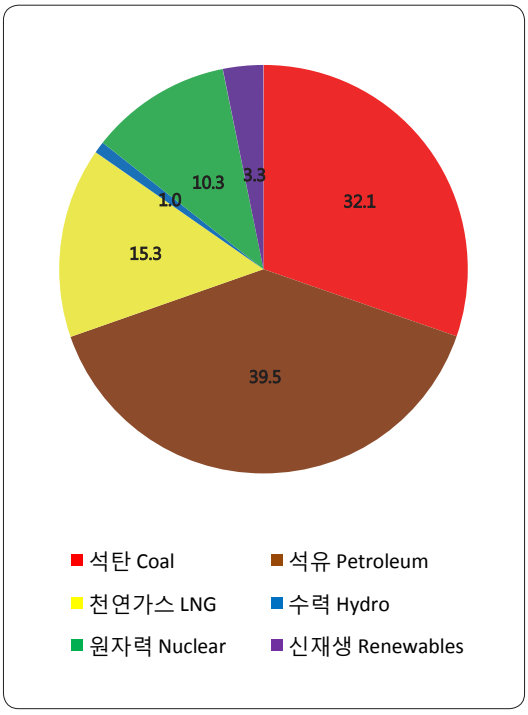
1.4.1 1차에너지 공급 Primary energy supply by source

		합계 Total	석탄 Coal	석유 Petroleum	천연가스 LNG	수력 Hydro	원자력 Nuclear	신재생 Renewables
		1,000 toe						
1990		93,192	24,385	50,175	3,023	1,590	13,222	797
1991		103,619	24,535	59,627	3,503	1,263	14,078	617
1992		116,010	23,618	71,740	4,581	1,216	14,133	723
1993		126,879	25,882	78,495	5,723	1,502	14,535	742
1994		137,234	26,680	86,343	7,618	1,025	14,663	906
1995		150,437	28,091	93,955	9,213	1,369	16,757	1,051
1996		165,212	32,200	99,898	12,172	1,301	18,481	1,161
1997		180,638	34,799	109,080	14,792	1,351	19,272	1,344
1998		165,932	36,039	90,582	13,838	1,525	22,422	1,526
1999		181,363	38,155	97,270	16,849	1,517	25,766	1,806
2000		192,887	42,911	100,279	18,924	1,402	27,241	2,130
2001		198,409	45,711	100,385	20,787	1,038	28,033	2,456
2002		208,636	49,096	102,414	23,099	1,327	29,776	2,925
2003		215,066	51,116	102,380	24,194	1,722	32,415	3,241
2004		220,238	53,127	100,638	28,351	1,465	32,679	3,977
2005		228,622	54,788	101,526	30,355	1,297	36,695	3,961
2006		233,372	56,687	101,831	32,004	1,305	37,187	4,358
2007		236,454	59,654	105,494	34,663	1,084	30,731	4,828
2008		240,752	66,060	100,170	35,671	1,196	32,456	5,198
2009		243,311	68,604	102,336	33,908	1,213	31,771	5,480
2010		263,805	77,092	104,301	43,008	1,391	31,948	6,064
2011		276,636	83,640	105,146	46,284	1,684	33,265	6,618
2012		278,698	80,978	106,165	50,185	1,615	31,719	8,036
2013P		280,259	81,915	105,780	52,523	1,771	29,283	8,987
2012	7	22,393	6,848	8,823	3,183	150	2,729	661
	8	22,696	7,199	8,708	2,993	199	2,947	651
	9	21,580	6,751	8,580	2,594	189	2,819	647
	10	22,336	6,789	8,836	3,221	143	2,674	673
	11	23,984	6,945	9,139	4,765	129	2,306	700
	12	26,661	7,225	9,447	6,485	144	2,607	753
2013P	1	26,879	7,223	9,367	6,487	119	2,884	798
	2	23,249	6,530	8,197	5,291	125	2,384	721
	3	23,922	6,994	8,730	4,781	123	2,548	744
	4	22,206	6,276	8,413	4,348	145	2,281	742
	5	21,813	6,517	8,575	3,612	153	2,221	734
	6	21,992	6,962	8,673	3,399	166	2,067	727
	7	23,152	7,431	8,822	3,541	223	2,382	753
	8	23,014	6,976	9,047	3,468	212	2,576	736
	9	21,135	6,593	8,345	2,853	140	2,469	735
	10	22,415	6,476	8,819	3,762	137	2,480	741
	11	23,945	6,561	9,111	4,926	117	2,474	755
	12	26,537	7,376	9,680	6,053	111	2,516	801
2014P	1	26,031	7,312	9,023	5,883	125	2,859	829
	2	23,302	6,646	8,243	5,034	120	2,536	723
	3	24,324	7,002	8,979	4,771	136	2,574	863
	4	22,376	6,604	8,433	3,584	116	2,823	817
	5	22,426	6,731	8,801	3,081	131	2,877	804
	6	22,084	7,155	8,468	2,886	133	2,662	782
	7	23,101	7,396	8,688	3,241	158	2,827	791
2012	1-7	163,212	47,933	60,777	31,460	1,054	16,768	5,219
2013P	1-7	163,646	48,846	60,635	28,479	918	19,159	5,609

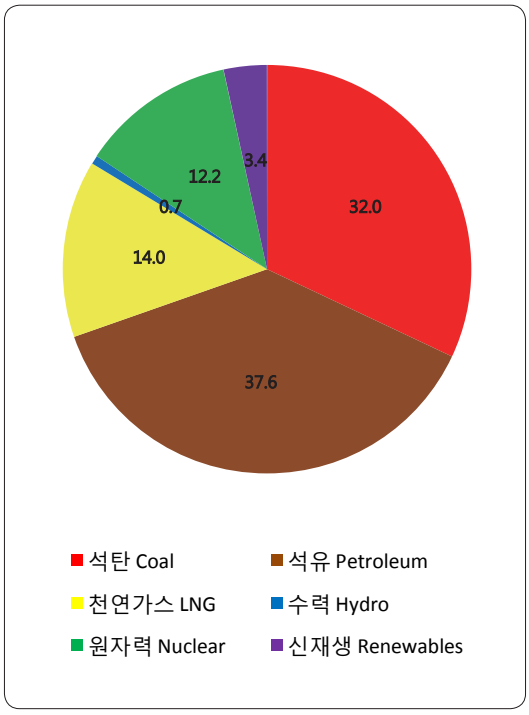
▢ 1차에너지 공급 구성비 Composition rate of primary energy supply(%)



▢ 2013년 7월 July 2013P(%)



▢ 2014년 7월 July 2014P(%)



1.4.2 1차에너지 원별 구성비 Composition rate of primary energy supply

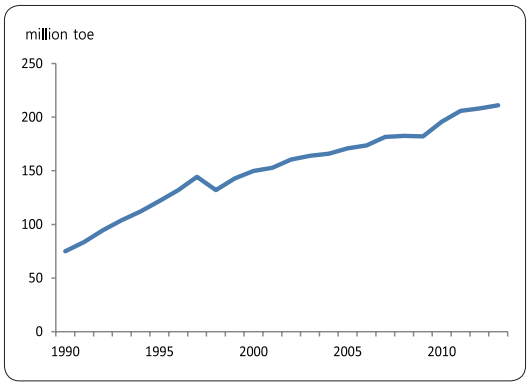
		석탄 Coal	석유 Petroleum	천연가스 LNG	수력 Hydro	원자력 Nuclear	신재생 Renewables
		%					
1990		26.2	53.8	3.2	1.7	14.2	0.9
1991		23.7	57.5	3.4	1.2	13.6	0.6
1992		20.4	61.8	3.9	1.0	12.2	0.6
1993		20.4	61.9	4.5	1.2	11.5	0.6
1994		19.4	62.9	5.6	0.7	10.7	0.7
1995		18.7	62.5	6.1	0.9	11.1	0.7
1996		19.5	60.5	7.4	0.8	11.2	0.7
1997		19.3	60.4	8.2	0.7	10.7	0.7
1998		21.7	54.6	8.3	0.9	13.5	0.9
1999		21.0	53.6	9.3	0.8	14.2	1.0
2000		22.2	52.0	9.8	0.7	14.1	1.1
2001		23.0	50.6	10.5	0.5	14.1	1.2
2002		23.5	49.1	11.1	0.6	14.3	1.4
2003		23.8	47.6	11.2	0.8	15.1	1.5
2004		24.1	45.7	12.9	0.7	14.8	1.8
2005		24.0	44.4	13.3	0.6	16.1	1.7
2006		24.3	43.6	13.7	0.6	15.9	1.9
2007		25.2	44.6	14.7	0.5	13.0	2.0
2008		27.4	41.6	14.8	0.5	13.5	2.2
2009		28.2	42.1	13.9	0.5	13.1	2.3
2010		29.2	39.5	16.3	0.5	12.1	2.3
2011		30.2	38.0	16.7	0.6	12.0	2.4
2012		29.1	38.1	18.0	0.6	11.4	2.9
2013P		29.2	37.7	18.7	0.6	10.4	3.2
2012	7	30.6	39.4	14.2	0.7	12.2	3.0
	8	31.7	38.4	13.2	0.9	13.0	2.9
	9	31.3	39.8	12.0	0.9	13.1	3.0
	10	30.4	39.6	14.4	0.6	12.0	3.0
	11	29.0	38.1	19.9	0.5	9.6	2.9
	12	27.1	35.4	24.3	0.5	9.8	2.8
2013P	1	26.9	34.8	24.1	0.4	10.7	3.0
	2	28.1	35.3	22.8	0.5	10.3	3.1
	3	29.2	36.5	20.0	0.5	10.7	3.1
	4	28.3	37.9	19.6	0.7	10.3	3.3
	5	29.9	39.3	16.6	0.7	10.2	3.4
	6	31.7	39.4	15.5	0.8	9.4	3.3
	7	32.1	38.1	15.3	1.0	10.3	3.3
	8	30.3	39.3	15.1	0.9	11.2	3.2
	9	31.2	39.5	13.5	0.7	11.7	3.5
	10	28.9	39.3	16.8	0.6	11.1	3.3
	11	27.4	38.1	20.6	0.5	10.3	3.2
	12	27.8	36.5	22.8	0.4	9.5	3.0
2014P	1	28.1	34.7	22.6	0.5	11.0	3.2
	2	28.5	35.4	21.6	0.5	10.9	3.1
	3	28.8	36.9	19.6	0.6	10.6	3.5
	4	29.5	37.7	16.0	0.5	12.6	3.6
	5	30.0	39.2	13.7	0.6	12.8	3.6
	6	32.4	38.3	13.1	0.6	12.1	3.5
	7	32.0	37.6	14.0	0.7	12.2	3.4
2013P	1-7	29.4	37.2	19.3	0.6	10.3	3.2
2014P	1-7	29.8	37.1	17.4	0.6	11.7	3.4

2. 최종에너지 소비

Final energy consumption

▢ 최종에너지 소비 Total final energy consumption

<1990~2013>



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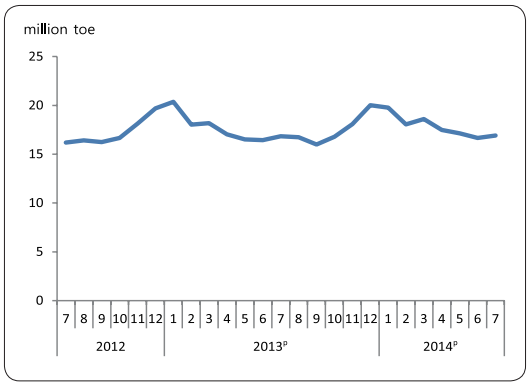
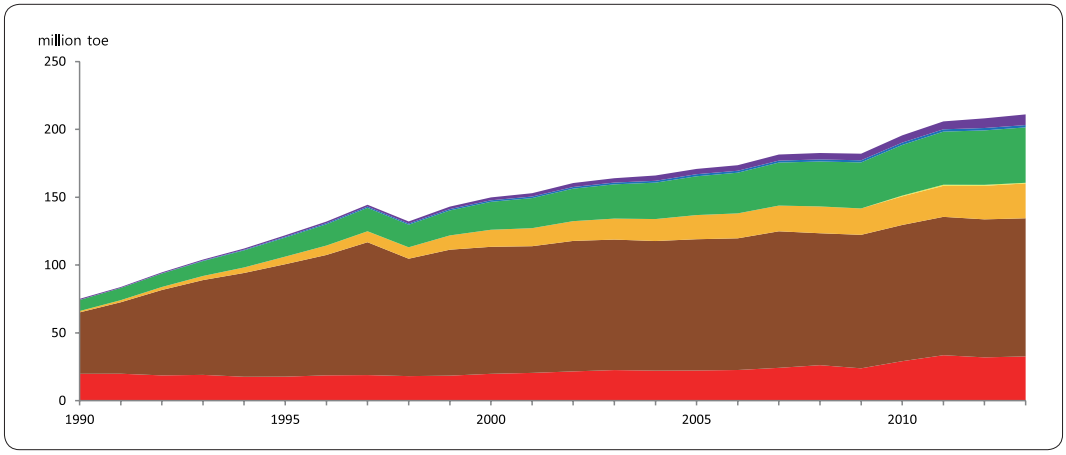


▢ 에너지원별 최종에너지 소비 Final energy consumption by source

<1990~2013>



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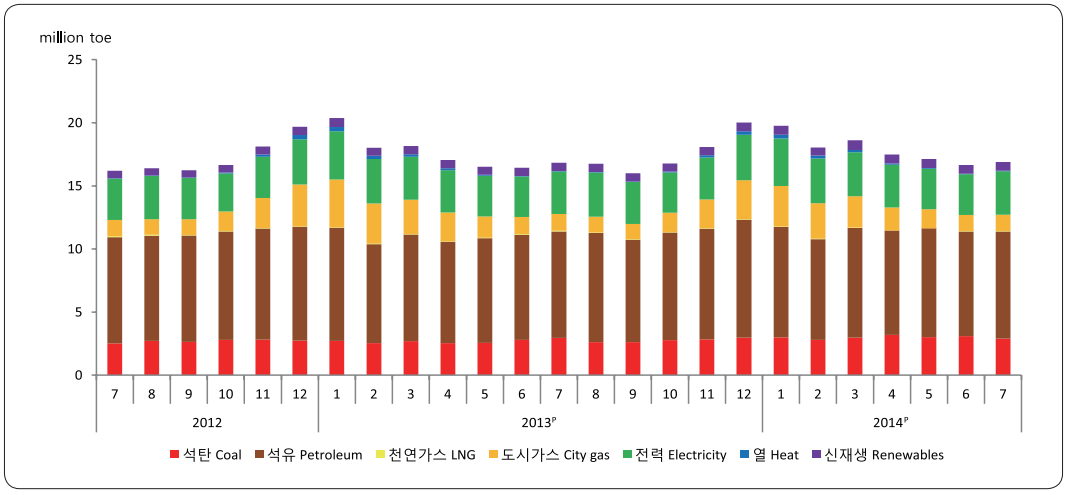
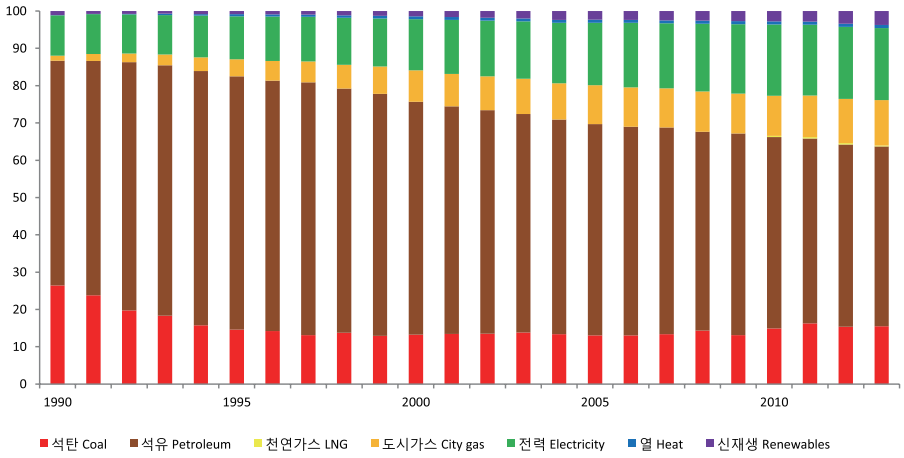


2.1.1 최종에너지 원별 소비 Final energy consumption by source

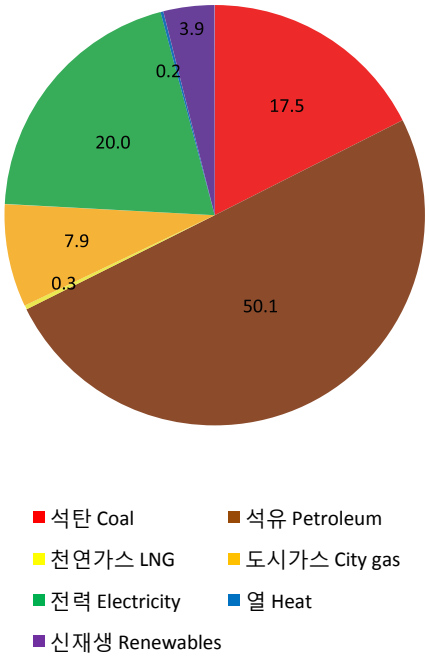
		합계 Total	석탄 Coal	석유 Petroleum	천연가스 LNG	도시가스 City gas	전력 Electricity	열 Heat	신재생 Renewables
		1,000 toe							
1990		75,107	19,855	45,252	-	1,011	8,117	75	797
1991		83,803	19,915	52,675	-	1,540	8,976	80	617
1992		94,623	18,688	62,939	-	2,219	9,911	143	723
1993		104,048	19,058	69,876	-	3,027	10,985	360	742
1994		112,206	17,670	76,511	-	4,057	12,602	460	906
1995		121,962	17,758	82,876	-	5,594	14,041	641	1,051
1996		132,033	18,718	88,714	-	6,937	15,692	811	1,161
1997		144,432	18,918	97,901	-	8,093	17,267	909	1,344
1998		132,128	18,151	86,526	-	8,425	16,638	861	1,526
1999		143,060	18,498	92,821	-	10,513	18,422	1,000	1,806
2000		149,852	19,847	93,596	0	12,561	20,600	1,119	2,130
2001		152,950	20,532	93,356	-	13,290	22,165	1,150	2,456
2002		160,451	21,629	96,159	-	14,567	23,947	1,223	2,925
2003		163,995	22,610	96,155	-	15,470	25,250	1,300	3,210
2004		166,009	22,194	95,513	-	16,191	26,840	1,343	3,928
2005		170,854	22,311	96,718	-	17,811	28,588	1,530	3,896
2006		173,584	22,660	97,037	-	18,379	29,990	1,425	4,092
2007		181,455	24,249	100,622	-	18,955	31,700	1,438	4,491
2008		182,576	26,219	97,217	-	19,765	33,116	1,512	4,747
2009		182,066	23,895	98,369	-	19,459	33,925	1,551	4,867
2010		195,587	29,164	100,381	559	21,081	37,338	1,718	5,346
2011		205,863	33,544	101,976	801	22,871	39,136	1,702	5,834
2012		208,120	31,964	101,710	717	24,728	40,127	1,751	7,124
2013p		211,035	32,679	101,787	467	25,688	40,837	1,695	7,881
2012	7	16,194	2,519	8,425	74	1,274	3,281	35	587
	8	16,401	2,713	8,339	77	1,229	3,432	29	582
	9	16,250	2,651	8,430	31	1,257	3,258	38	585
	10	16,661	2,808	8,583	32	1,554	3,002	79	604
	11	18,117	2,822	8,810	33	2,376	3,262	191	623
	12	19,689	2,742	9,023	33	3,317	3,576	334	663
2013p	1	20,369	2,712	8,978	33	3,785	3,826	340	696
	2	18,029	2,548	7,840	37	3,178	3,527	268	630
	3	18,170	2,696	8,459	29	2,725	3,399	205	657
	4	17,043	2,539	8,047	38	2,271	3,355	144	650
	5	16,522	2,571	8,289	38	1,690	3,222	67	646
	6	16,432	2,809	8,330	45	1,351	3,213	38	645
	7	16,843	2,954	8,434	54	1,333	3,369	37	663
	8	16,747	2,615	8,654	39	1,260	3,496	31	652
	9	15,994	2,630	8,105	37	1,208	3,335	33	645
	10	16,779	2,783	8,537	36	1,528	3,179	71	646
	11	18,083	2,835	8,781	38	2,276	3,314	180	658
	12	20,022	2,987	9,332	44	3,083	3,603	281	693
2014p	1	19,773	3,003	8,752	33	3,199	3,765	295	728
	2	18,046	2,801	7,978	35	2,810	3,545	238	639
	3	18,610	2,985	8,680	38	2,470	3,495	184	758
	4	17,483	3,205	8,266	8	1,816	3,377	97	714
	5	17,129	3,013	8,635	9	1,487	3,216	62	707
	6	16,658	3,088	8,312	21	1,281	3,229	37	688
	7	16,900	2,902	8,484	38	1,299	3,441	35	701
2013p	1-7	123,409	18,829	58,378	273	16,332	23,911	1,098	4,587
2014p	1-7	124,599	20,997	59,108	182	14,362	24,067	948	4,935

▢ 최종에너지 원별 구성비 Composition rate of final energy supply(%)

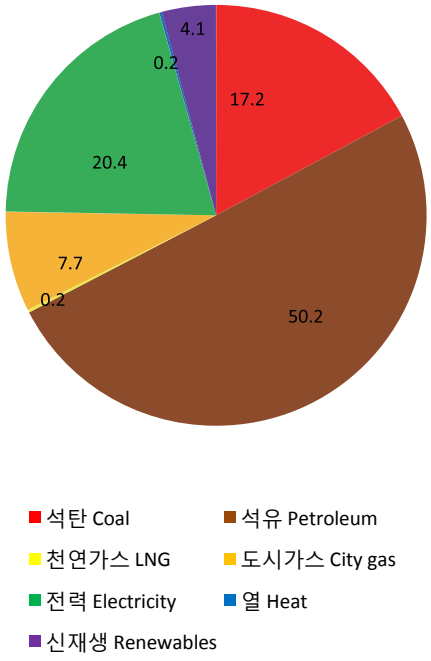
<1990~2013>



▢ 2013년 7월 July 2013^{p}(%)



▢ 2014년 7월 July 2014^{p}(%)

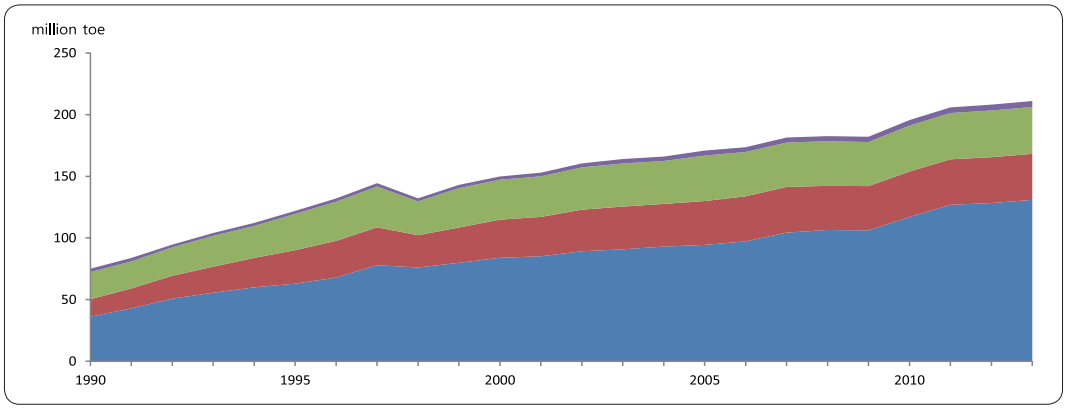


2.1.2 최종에너지 원별 구성비 Composition rate of final energy consumption

		석탄 Coal	석유 Petroleum	천연가스 LNG	도시가스 City gas	전력 Electricity	열 Heat	신재생 Renewables
		%						
1990		26.4	60.3	0.0	1.3	10.8	0.1	1.1
1991		23.8	62.9	0.0	1.8	10.7	0.1	0.7
1992		19.8	66.5	0.0	2.3	10.5	0.2	0.8
1993		18.3	67.2	0.0	2.9	10.6	0.3	0.7
1994		15.7	68.2	0.0	3.6	11.2	0.4	0.8
1995		14.6	68.0	0.0	4.6	11.5	0.5	0.9
1996		14.2	67.2	0.0	5.3	11.9	0.6	0.9
1997		13.1	67.8	0.0	5.6	12.0	0.6	0.9
1998		13.7	65.5	0.0	6.4	12.6	0.7	1.2
1999		12.9	64.9	0.0	7.3	12.9	0.7	1.3
2000		13.2	62.5	0.0	8.4	13.7	0.7	1.4
2001		13.4	61.0	0.0	8.7	14.5	0.8	1.6
2002		13.5	59.9	0.0	9.1	14.9	0.8	1.8
2003		13.8	58.6	0.0	9.4	15.4	0.8	2.0
2004		13.4	57.5	0.0	9.8	16.2	0.8	2.4
2005		13.1	56.6	0.0	10.4	16.7	0.9	2.3
2006		13.1	55.9	0.0	10.6	17.3	0.8	2.4
2007		13.4	55.5	0.0	10.4	17.5	0.8	2.5
2008		14.4	53.2	0.0	10.8	18.1	0.8	2.6
2009		13.1	54.0	0.0	10.7	18.6	0.9	2.7
2010		14.9	51.3	0.3	10.8	19.1	0.9	2.7
2011		16.3	49.5	0.4	11.1	19.0	0.8	2.8
2012		15.4	48.9	0.3	11.9	19.3	0.8	3.4
2013p		15.5	48.2	0.2	12.2	19.4	0.8	3.7
2012	7	15.6	52.0	0.5	7.9	20.3	0.2	3.6
	8	16.5	50.8	0.5	7.5	20.9	0.2	3.5
	9	16.3	51.9	0.2	7.7	20.0	0.2	3.6
	10	16.9	51.5	0.2	9.3	18.0	0.5	3.6
	11	15.6	48.6	0.2	13.1	18.0	1.1	3.4
	12	13.9	45.8	0.2	16.8	18.2	1.7	3.4
2013p	1	13.3	44.1	0.2	18.6	18.8	1.7	3.4
	2	14.1	43.5	0.2	17.6	19.6	1.5	3.5
	3	14.8	46.6	0.2	15.0	18.7	1.1	3.6
	4	14.9	47.2	0.2	13.3	19.7	0.8	3.8
	5	15.6	50.2	0.2	10.2	19.5	0.4	3.9
	6	17.1	50.7	0.3	8.2	19.6	0.2	3.9
	7	17.5	50.1	0.3	7.9	20.0	0.2	3.9
	8	15.6	51.7	0.2	7.5	20.9	0.2	3.9
	9	16.4	50.7	0.2	7.6	20.9	0.2	4.0
	10	16.6	50.9	0.2	9.1	18.9	0.4	3.8
	11	15.7	48.6	0.2	12.6	18.3	1.0	3.6
	12	14.9	46.6	0.2	15.4	18.0	1.4	3.5
2014p	1	15.2	44.3	0.2	16.2	19.0	1.5	3.7
	2	15.5	44.2	0.2	15.6	19.6	1.3	3.5
	3	16.0	46.6	0.2	13.3	18.8	1.0	4.1
	4	18.3	47.3	0.0	10.4	19.3	0.6	4.1
	5	17.6	50.4	0.1	8.7	18.8	0.4	4.1
	6	18.5	49.9	0.1	7.7	19.4	0.2	4.1
	7	17.2	50.2	0.2	7.7	20.4	0.2	4.1
2013p	1-7	15.3	47.3	0.2	13.2	19.4	0.9	3.7
2014p	1-7	16.9	47.4	0.1	11.5	19.3	0.8	4.0

▢ 최종에너지 부문별 소비 Final energy consumption by sector

<1990~2013>



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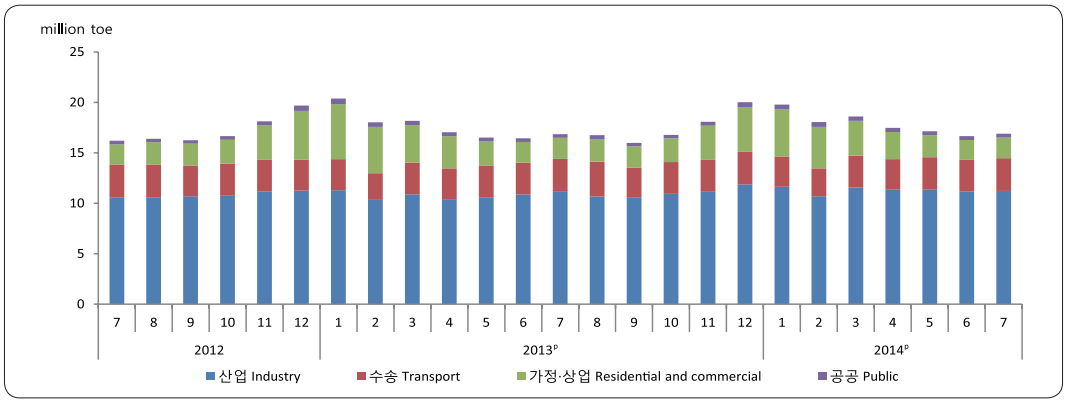
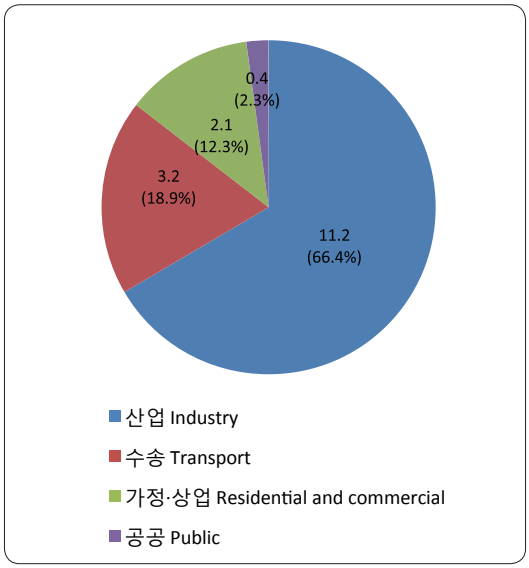
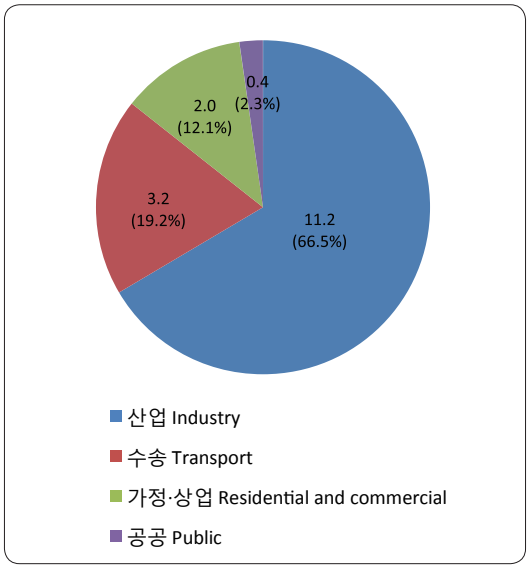


▢ 2013년 7월 July 2013P(million toe)



▢ 2014년 7월 July 2014P(million toe)

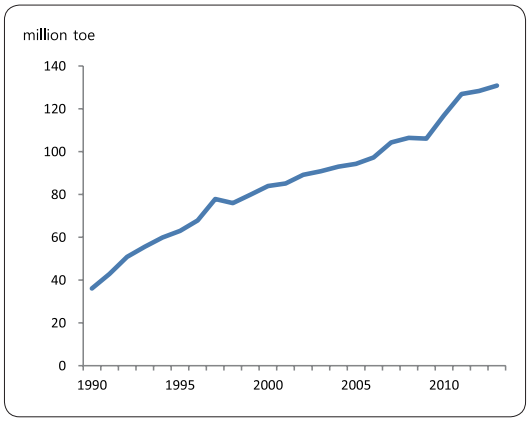


2.2.1 최종에너지 부문별 소비 Final energy consumption by sector

		합계 Total	산업 Industry	수송 Transport	가정·상업 Residential and commercial	공공 Public
		1,000 toe				
1990		75,107	36,150	14,173	21,971	2,812
1991		83,803	42,914	16,156	21,919	2,813
1992		94,623	50,825	18,531	23,008	2,259
1993		104,048	55,591	21,119	25,042	2,296
1994		112,206	59,937	23,860	25,941	2,467
1995		121,962	62,946	27,148	29,451	2,416
1996		132,033	67,868	29,792	31,713	2,659
1997		144,432	77,908	30,738	33,071	2,715
1998		132,128	76,039	26,184	27,418	2,487
1999		143,060	79,858	28,625	31,929	2,648
2000		149,852	83,912	30,945	32,370	2,625
2001		152,950	85,158	31,909	32,893	2,989
2002		160,451	89,197	33,763	34,299	3,191
2003		163,995	90,805	34,632	34,964	3,593
2004		166,009	92,992	34,615	34,807	3,595
2005		170,854	94,366	35,559	36,861	4,068
2006		173,584	97,235	36,527	35,986	3,836
2007		181,455	104,327	37,068	35,916	4,143
2008		182,576	106,458	35,793	36,225	4,100
2009		182,066	106,119	35,930	35,722	4,295
2010		195,587	116,910	36,938	37,255	4,483
2011		205,863	126,886	36,875	37,542	4,560
2012		208,120	128,324	37,143	37,884	4,769
2013p		211,035	130,889	37,329	38,002	4,814
2012	7	16,194	10,549	3,292	1,989	365
	8	16,401	10,613	3,235	2,212	341
	9	16,250	10,701	3,060	2,140	348
	10	16,661	10,743	3,170	2,391	357
	11	18,117	11,147	3,144	3,423	403
	12	19,689	11,241	3,078	4,833	537
2013p	1	20,369	11,308	3,072	5,456	533
	2	18,029	10,327	2,656	4,585	461
	3	18,170	10,895	3,149	3,706	421
	4	17,043	10,405	3,055	3,194	390
	5	16,522	10,603	3,157	2,407	355
	6	16,432	10,873	3,168	2,028	364
	7	16,843	11,208	3,188	2,086	362
	8	16,747	10,663	3,468	2,242	374
	9	15,994	10,603	2,936	2,113	343
	10	16,779	10,934	3,147	2,358	340
	11	18,083	11,193	3,115	3,390	384
	12	20,022	11,876	3,219	4,439	489
2014p	1	19,773	11,637	2,991	4,663	482
	2	18,046	10,710	2,756	4,116	465
	3	18,610	11,572	3,137	3,452	449
	4	17,483	11,351	3,030	2,688	414
	5	17,129	11,345	3,214	2,191	379
	6	16,658	11,145	3,159	1,964	390
	7	16,900	11,237	3,237	2,042	384
2013p	1-7	123,409	75,618	21,444	23,461	2,886
2014p	1-7	124,599	78,997	21,523	21,116	2,963

▢ 산업 Industry

<1990~2013>



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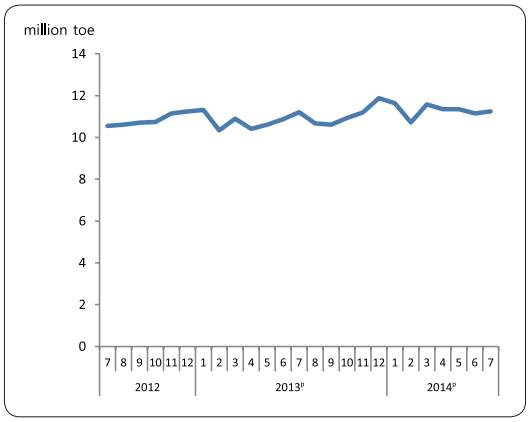

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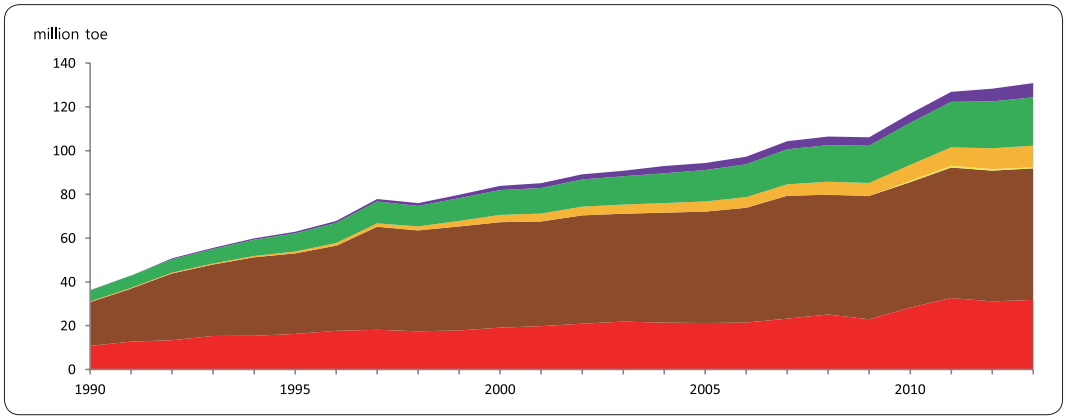

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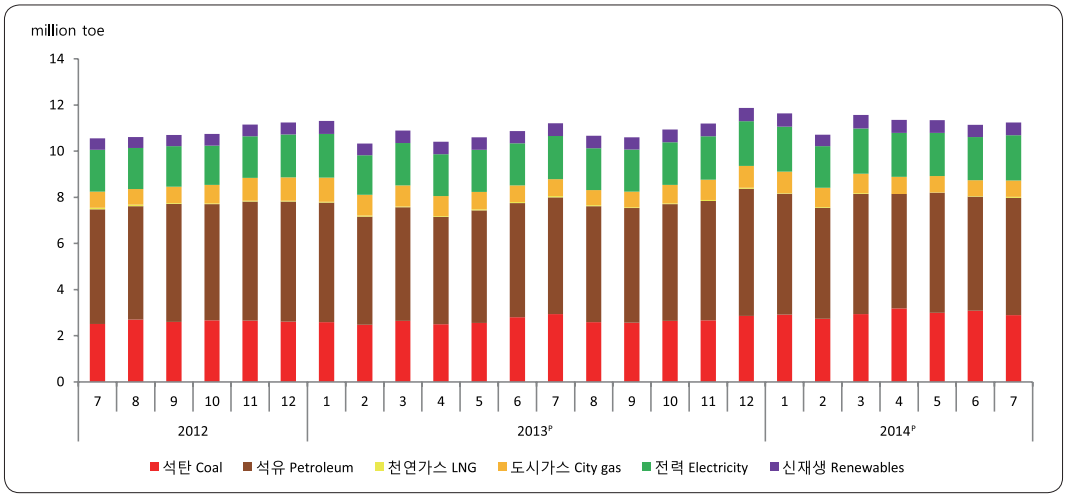
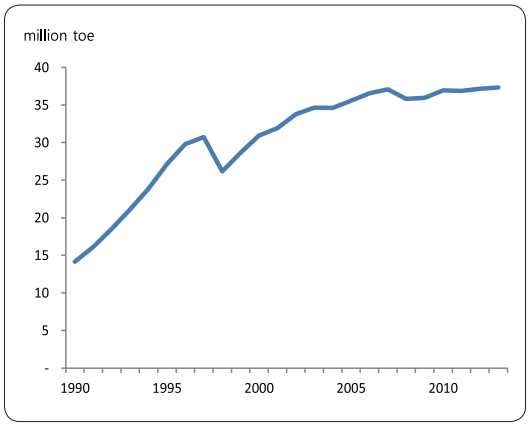


2.2.2 산업 Industry

		합계 Total	석탄 Coal	석유 Petroleum	천연가스 LNG	도시가스 City gas	전력 Electricity	신재생 Renewables
		1,000 toe						
1990		36,150	10,806	20,014	-	235	5,095	0
1991		42,914	12,745	24,251	-	313	5,606	0
1992		50,825	13,388	30,514	-	377	6,063	482
1993		55,591	15,327	32,654	-	460	6,581	569
1994		59,937	15,403	35,881	-	600	7,426	626
1995		62,946	16,244	36,810	-	863	8,293	736
1996		67,868	17,668	38,913	-	1,196	9,179	912
1997		77,908	18,139	47,141	-	1,496	10,009	1,123
1998		76,039	17,448	46,133	-	1,812	9,359	1,287
1999		79,858	17,845	47,521	-	2,530	10,394	1,568
2000		83,912	19,129	48,193	0	3,308	11,374	1,908
2001		85,158	19,806	47,848	-	3,612	11,678	2,215
2002		89,197	20,932	49,499	-	3,984	12,423	2,359
2003		90,805	21,888	49,304	-	4,177	12,933	2,503
2004		92,992	21,420	50,236	-	4,382	13,617	3,337
2005		94,366	21,237	50,905	-	4,656	14,346	3,222
2006		97,235	21,434	52,474	-	4,847	15,021	3,459
2007		104,327	23,235	56,150	-	5,225	16,018	3,699
2008		106,458	25,130	54,745	-	5,933	16,738	3,912
2009		106,119	22,955	56,391	-	5,891	17,006	3,876
2010		116,910	28,264	57,351	559	7,329	19,193	4,215
2011		126,886	32,673	59,635	801	8,383	20,830	4,564
2012		128,324	31,132	59,748	717	9,501	21,426	5,800
2013p		130,889	31,807	60,098	467	9,903	22,088	6,527
2012	7	10,549	2,511	4,961	74	702	1,813	487
	8	10,613	2,700	4,909	77	677	1,772	479
	9	10,701	2,595	5,118	31	712	1,759	487
	10	10,743	2,665	5,039	32	801	1,707	499
	11	11,147	2,652	5,167	33	991	1,796	508
	12	11,241	2,609	5,204	33	1,022	1,850	523
2013p	1	11,308	2,590	5,182	33	1,046	1,897	561
	2	10,327	2,470	4,697	37	905	1,712	506
	3	10,895	2,643	4,924	29	913	1,841	544
	4	10,405	2,497	4,655	38	862	1,816	537
	5	10,603	2,550	4,886	38	759	1,829	541
	6	10,873	2,797	4,950	45	720	1,822	538
	7	11,208	2,931	5,069	54	732	1,870	553
	8	10,663	2,591	5,023	39	662	1,813	536
	9	10,603	2,567	4,967	37	678	1,818	537
	10	10,934	2,642	5,062	36	796	1,852	547
	11	11,193	2,670	5,170	38	884	1,877	555
	12	11,876	2,859	5,513	44	946	1,941	573
2014p	1	11,637	2,911	5,238	33	930	1,954	572
	2	10,710	2,736	4,811	35	829	1,801	499
	3	11,572	2,937	5,200	38	845	1,957	595
	4	11,351	3,180	4,958	8	736	1,906	563
	5	11,345	2,997	5,205	9	710	1,870	555
	6	11,145	3,078	4,951	21	689	1,866	539
	7	11,237	2,894	5,083	38	719	1,958	546
2013p	1-7	75,618	18,479	34,363	273	5,936	12,788	3,779
2014p	1-7	78,997	20,733	35,444	182	5,457	13,312	3,868

▢ 수송 Transportation

<1990~2013>



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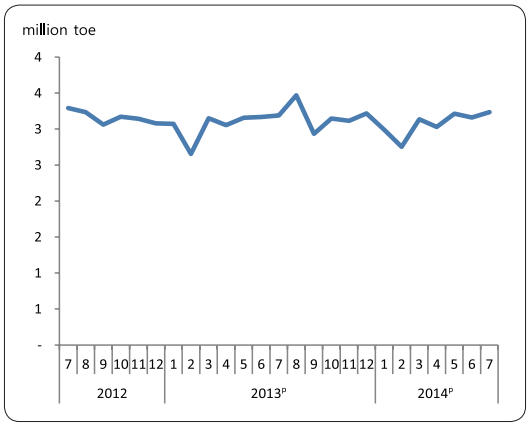

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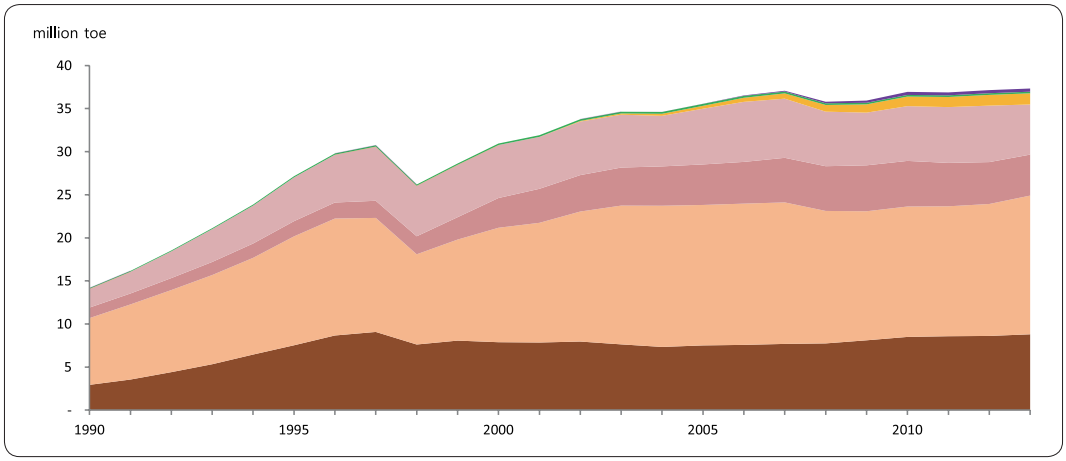

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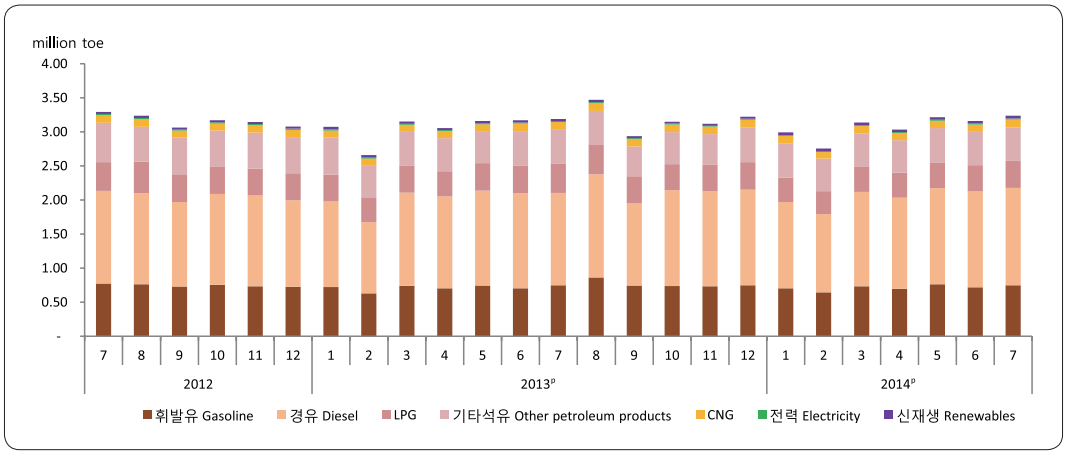


2.2.3 수송 Transportation

		합계 Total	휘발유 Gasoline	경유 Diesel	LPG	CNG	전력 Electricity	신재생 Renewables
		1,000 toe						
1990		14,173	2,936	7,748	1,222	-	87	-
1991		16,156	3,551	8,717	1,270	-	94	-
1992		18,531	4,410	9,527	1,390	-	101	-
1993		21,119	5,329	10,351	1,519	-	108	-
1994		23,860	6,452	11,224	1,663	-	124	-
1995		27,148	7,527	12,640	1,765	-	138	-
1996		29,792	8,664	13,573	1,861	-	145	-
1997		30,738	9,074	13,235	1,990	-	151	-
1998		26,184	7,618	10,470	2,090	-	136	-
1999		28,625	8,070	11,725	2,599	-	149	-
2000		30,945	7,883	13,284	3,453	-	175	-
2001		31,909	7,848	13,892	3,946	7	194	-
2002		33,763	7,961	15,089	4,229	80	195	-
2003		34,632	7,634	16,106	4,415	146	200	-
2004		34,615	7,335	16,389	4,566	237	213	5
2005		35,559	7,512	16,301	4,704	339	224	13
2006		36,527	7,574	16,393	4,844	475	218	53
2007		37,068	7,686	16,423	5,174	615	209	96
2008		35,793	7,745	15,375	5,191	777	196	178
2009		35,930	8,105	14,976	5,332	960	187	254
2010		36,938	8,498	15,134	5,294	1,112	188	357
2011		36,875	8,578	15,080	5,036	1,174	193	336
2012		37,143	8,612	15,314	4,863	1,248	194	360
2013p		37,329	8,802	16,100	4,755	1,298	186	369
2012	7	3,292	772	1,358	424	111	16	31
	8	3,235	762	1,336	463	111	18	32
	9	3,060	729	1,241	407	104	16	28
	10	3,170	752	1,334	399	105	16	32
	11	3,144	731	1,336	390	110	15	31
	12	3,078	725	1,270	395	107	18	31
2013p	1	3,072	721	1,261	386	103	18	36
	2	2,656	628	1,045	354	95	17	34
	3	3,149	738	1,369	400	106	15	31
	4	3,055	703	1,348	370	105	16	31
	5	3,157	743	1,394	404	110	16	32
	6	3,168	702	1,396	406	109	16	32
	7	3,188	747	1,354	434	117	15	29
	8	3,468	862	1,515	427	116	16	32
	9	2,936	742	1,212	394	107	15	29
	10	3,147	736	1,407	383	111	13	27
	11	3,115	733	1,395	393	109	14	27
	12	3,219	746	1,403	403	110	15	29
2014p	1	2,991	702	1,265	362	107	15	39
	2	2,756	643	1,150	335	99	14	38
	3	3,137	733	1,383	369	110	13	42
	4	3,030	695	1,336	367	107	13	35
	5	3,214	760	1,414	377	110	13	39
	6	3,159	717	1,407	384	108	14	39
	7	3,237	748	1,427	396	117	15	44
2013p	1-7	21,444	4,983	9,168	2,754	745	114	225
2014p	1-7	21,523	4,997	9,383	2,590	757	96	276

주: 합계에는 항공유, 중유 및 기타 석유제품 포함.

Note: Total include jet oil, fuel oil and other petroleum products.

2.2.4 가정·상업

		합계 Total		석탄 Coal		석유 Petroleum		도시가스 City gas	
		가정 Residential	상업 Commercial	가정 Residential	상업 Commercial	가정 Residential	상업 Commercial	가정 Residential	상업 Commercial
		1,000 toe							
1990		16,766	5,205	9,027	-	4,960	3,916	455	322
1991		16,345	5,574	7,170	-	6,081	4,080	810	350
1992		16,428	6,580	5,288	-	7,607	4,798	1,314	446
1993		17,117	7,924	3,731	-	8,811	5,858	2,016	434
1994		17,402	8,539	2,267	-	9,453	5,923	2,769	544
1995		19,554	9,897	1,514	-	11,016	6,616	3,767	839
1996		21,344	10,369	1,050	-	12,200	6,423	4,515	1,073
1997		21,245	11,826	779	-	11,408	7,312	5,297	1,139
1998		17,407	10,011	703	-	7,571	5,558	5,341	1,112
1999		20,276	11,653	653	-	9,154	6,400	6,409	1,374
2000		21,401	10,969	718	-	8,994	4,499	7,353	1,671
2001		21,673	11,220	727	-	8,889	3,585	7,526	1,885
2002		22,508	11,791	697	0	8,623	3,332	8,109	2,132
2003		22,591	12,374	722	-	8,040	3,116	8,530	2,359
2004		22,788	12,019	775	-	7,736	2,037	8,636	2,657
2005		22,500	14,361	1,074	-	6,124	3,313	9,524	2,979
2006		21,435	14,551	1,226	0	4,657	2,857	9,685	3,173
2007		21,067	14,849	1,014	-	4,318	2,731	9,723	3,108
2008		21,132	15,093	1,088	-	4,167	2,487	9,624	3,139
2009		20,537	15,185	940	-	3,860	2,327	9,267	3,065
2010		21,185	16,070	901	-	4,053	2,397	9,366	3,123
2011		21,621	15,921	871	-	3,735	2,194	10,125	3,076
2012		21,318	16,567	832	-	3,272	2,091	10,109	3,688
2013[p]		20,918	17,084	872	-	3,074	1,914	9,858	4,384
2012	7	1,989		8	-	130	125	221	234
	8	2,212		14	-	143	135	180	255
	9	2,140		56	-	177	137	231	205
	10	2,391		143	-	257	161	433	207
	11	3,423		170	-	343	198	928	328
	12	4,833		132	-	487	257	1,658	486
2013[p]	1	5,456		122	-	481	256	1,910	679
	2	4,585		78	-	319	198	1,599	544
	3	3,706		53	-	259	162	1,267	418
	4	3,194		42	-	238	153	942	350
	5	2,407		21	-	176	127	565	249
	6	2,028		12	-	146	117	282	231
	7	2,086		23	-	141	132	215	248
	8	2,242		23	-	156	105	192	265
	9	2,113		64	-	176	108	199	215
	10	2,358		141	-	241	146	378	238
	11	3,390		165	-	343	193	874	393
	12	4,439		128	-	400	216	1,434	556
2014[p]	1	4,663		93	-	367	220	1,675	445
	2	4,116		65	-	271	179	1,462	383
	3	3,452		47	-	236	166	1,162	330
	4	2,688		25	-	190	139	722	240
	5	2,191		16	-	156	128	462	199
	6	1,964		10	-	131	132	268	208
	7	2,042		8	-	133	130	214	245
2013[p]	1-7	23,461		351	-	1,760	1,145	6,780	2,718
2014[p]	1-7	21,116		264	-	1,483	1,094	5,966	2,050

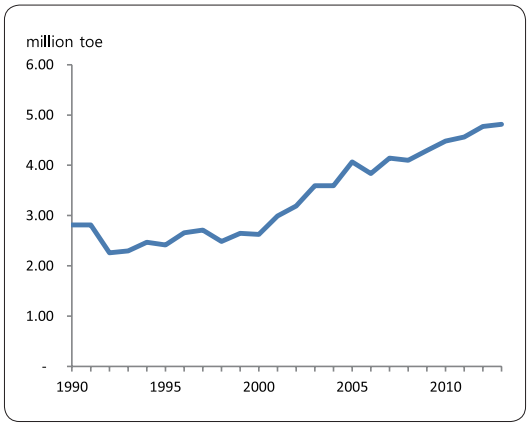
주 1. 신재생 월수치는 가정, 상업 합계임.
2. 연탄소비는 모두 가정부문에 포함.

전력 Electricity		열 Heat		신재생 Renewables			
가정 Residential	상업 Commercial	가정 Residential	상업 Commercial	가정 Residential	상업 Commercial		
1,000 toe							
1,525	895	69	6	731	66		1990
1,675	1,057	72	7	538	80		1991
1,874	1,300	135	7	210	29		1992
2,057	1,606	354	2	148	24		1993
2,284	2,011	440	14	190	48		1994
2,434	2,367	610	22	212	53		1995
2,635	2,829	762	33	182	10		1996
2,765	3,325	850	42	146	8		1997
2,831	3,291	807	41	154	8		1998
2,974	3,819	928	54	159	5		1999
3,191	4,700	1,030	66	115	33		2000
3,372	5,633	1,050	75	109	42		2001
3,636	6,223	1,118	78	325	26		2002
3,833	6,752	1,180	89	286	58		2003
4,181	7,172	1,204	108	256	47		2004
4,375	7,858	1,358	133	89	34		2005
4,517	8,366	1,272	119	79	37		2006
4,659	8,854	1,285	116	69	39		2007
4,836	9,308	1,352	125	65	35		2008
4,953	9,640	1,388	120	129	33		2009
5,263	10,373	1,531	145	72	33		2010
5,295	10,463	1,512	149	84	38		2011
5,464	10,585	1,552	159	88	44		2012
5,501	10,576	1,499	158	114	51		2013p
430	801	24	9	7		7	2012
538	914	17	10	7		8	
465	825	32	6	7		9	
413	690	73	5	9		10	
444	814	174	13	12		11	
466	1,003	299	28	17		12	
506	1,154	303	29	16		1	2013p
494	1,076	241	22	15		2	
428	905	186	15	13		3	
451	863	132	9	14		4	
422	769	60	6	12		5	
427	761	29	8	13		6	
453	826	25	10	13		7	
532	923	18	11	15		8	
478	827	26	6	14		9	
414	718	64	5	12		10	
438	793	164	13	13		11	
457	960	251	23	14		12	
488	1,073	263	25	15		1	2014p
488	1,023	213	20	13		2	
426	890	166	14	16		3	
444	818	89	7	15		4	
417	736	54	6	15		5	
404	760	28	8	14		6	
438	825	21	12	15		7	
3,181	6,354	975	99	97		1-7	2013p
3,105	6,126	834	91	103		1-7	2014p

Note 1. Coal and monthly data of renewables include commercial.
2. All briquette comsumption is included in the residential.

▢ 공공 Public

<1990~2013>



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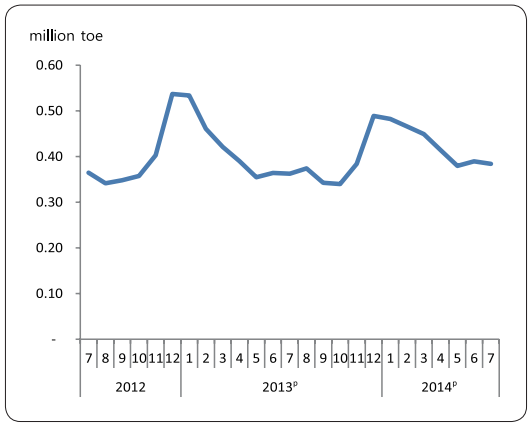

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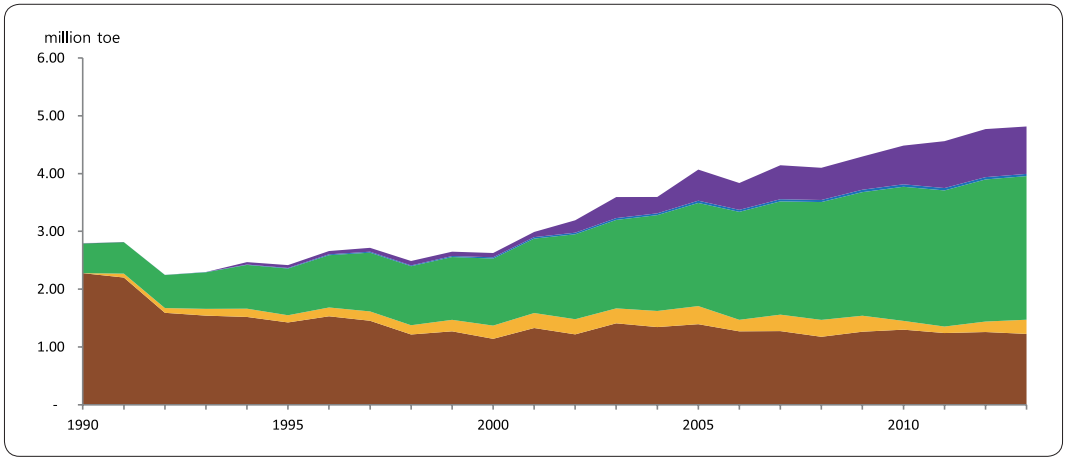

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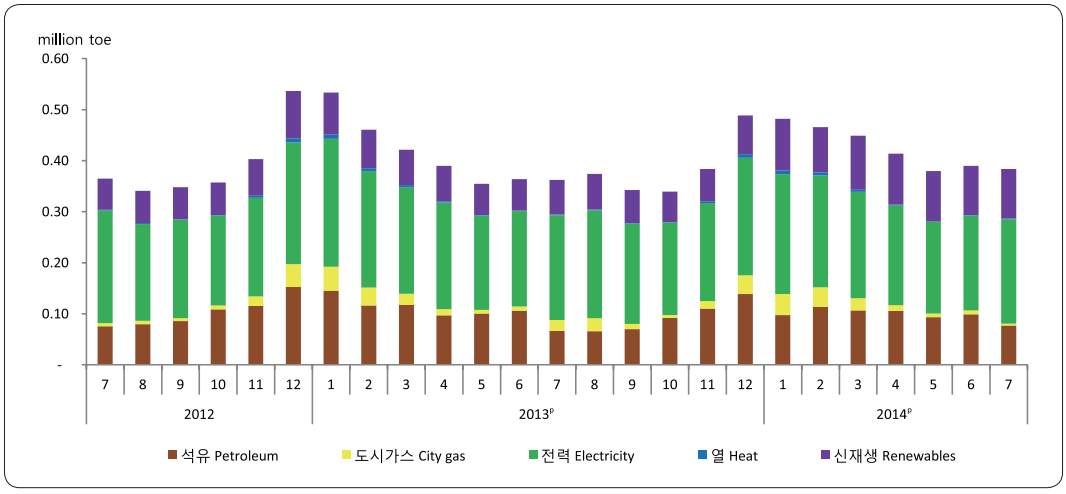


2.2.5 공공 Public

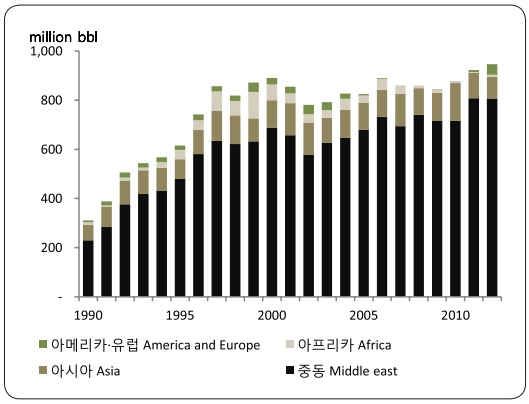
		합계 Total	석유 Petroleum	도시가스 City gas	전력 Electricity	열 Heat	신재생 Renewables
		1,000 toe					
1990		2,812	2,276	-	514	1	-
1991		2,813	2,201	68	544	1	-
1992		2,259	1,590	82	572	1	1
1993		2,296	1,541	117	633	4	1
1994		2,467	1,519	143	757	6	42
1995		2,416	1,424	125	808	10	49
1996		2,659	1,530	153	904	15	57
1997		2,715	1,453	161	1,017	17	67
1998		2,487	1,215	160	1,022	13	77
1999		2,648	1,270	199	1,086	18	75
2000		2,625	1,140	229	1,160	22	74
2001		2,989	1,327	259	1,288	25	90
2002		3,191	1,217	262	1,470	27	215
2003		3,593	1,408	259	1,531	32	364
2004		3,595	1,343	279	1,658	31	283
2005		4,068	1,393	313	1,785	39	538
2006		3,836	1,270	199	1,868	34	464
2007		4,143	1,274	285	1,960	37	588
2008		4,100	1,175	292	2,039	36	557
2009		4,295	1,263	277	2,138	42	575
2010		4,483	1,299	152	2,321	42	669
2011		4,560	1,240	112	2,355	41	811
2012		4,769	1,258	181	2,459	40	832
2013p		4,814	1,225	245	2,485	38	820
2012	7	365	76	6	220	2	61
	8	341	79	7	190	2	64
	9	348	86	6	193	1	63
	10	357	109	7	176	1	64
	11	403	115	19	193	4	72
	12	537	153	45	238	8	93
2013p	1	533	145	47	251	8	83
	2	461	116	35	228	6	75
	3	421	118	22	209	4	69
	4	390	97	12	209	3	69
	5	355	101	7	185	1	61
	6	364	106	8	187	1	62
	7	362	66	22	205	2	68
	8	374	66	26	211	2	70
	9	343	70	10	197	1	65
	10	340	92	6	181	1	60
	11	384	110	15	192	4	63
	12	489	139	37	230	7	76
2014p	1	482	97	42	235	7	102
	2	465	114	38	219	6	89
	3	449	107	24	209	4	106
	4	414	106	11	195	2	100
	5	379	94	7	179	1	99
	6	390	99	7	186	1	96
	7	384	77	4	204	2	97
2013p	1-7	2,886	749	153	1,474	24	486
2014p	1-7	2,963	693	132	1,428	23	688

3. 석 유

Petroleum

▢ 원유 수입 Crude oil imports

<1990~2013>



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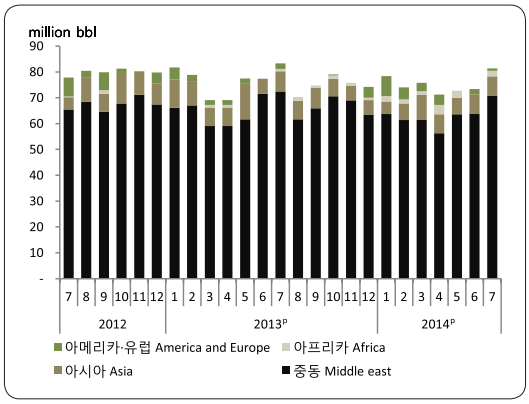
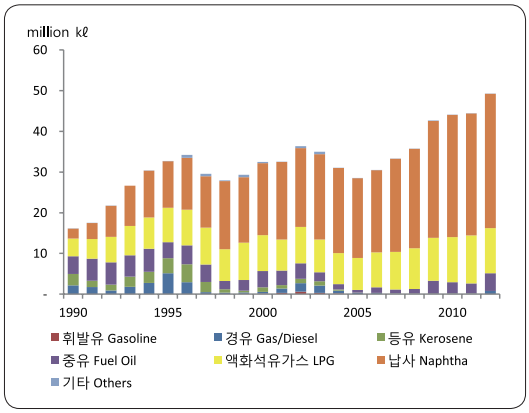


▢ 석유제품 수입 Petroleum products imports

<1990~2013>



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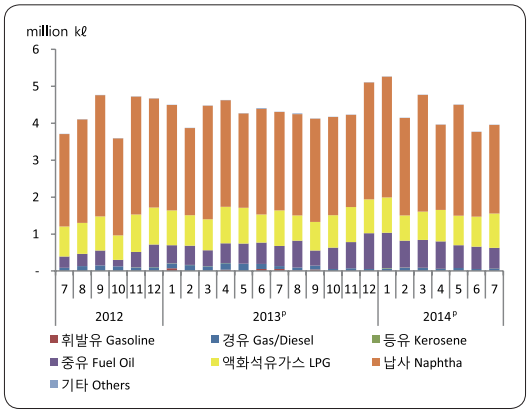
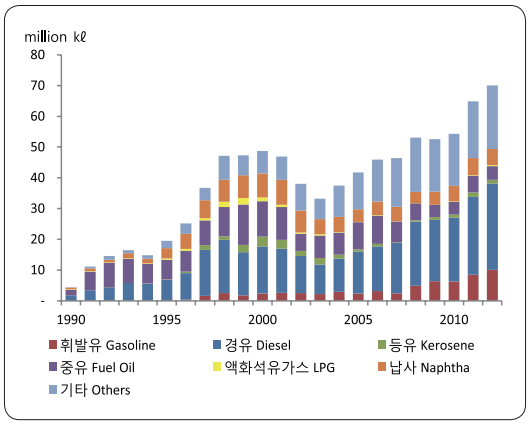


▢ 석유제품 수출 Petroleum products exports

<1990~2013>



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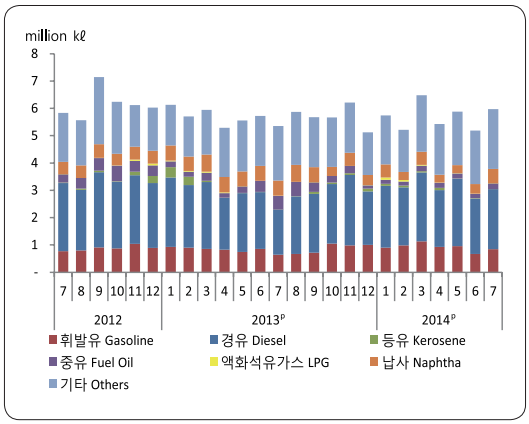
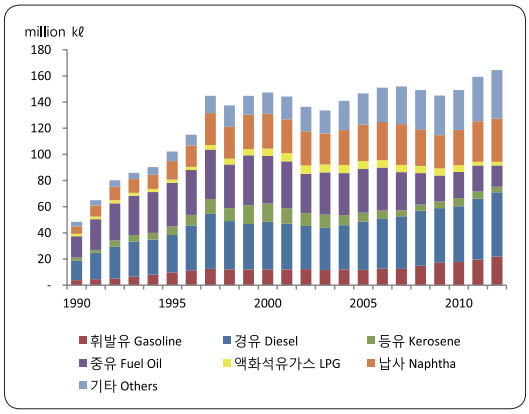


▢ 석유제품 생산 Petroleum products production

<1990~2013>



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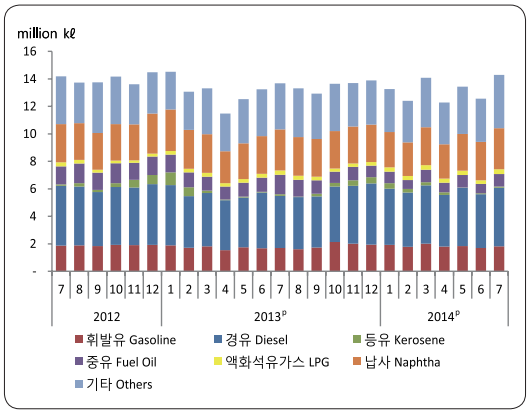
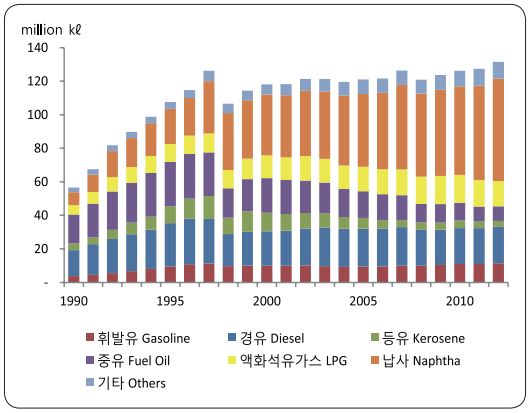
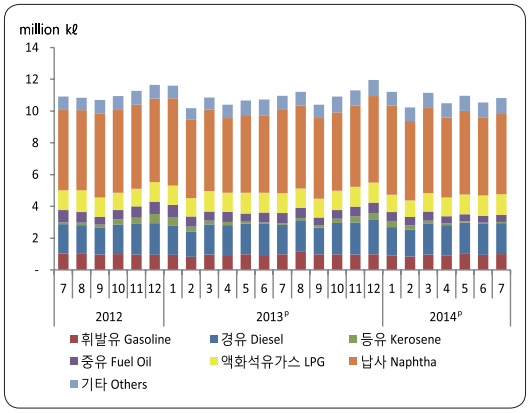


▢ 석유제품 1차에너지 공급 Primary energy supply of petroleum products

<1990~2013>

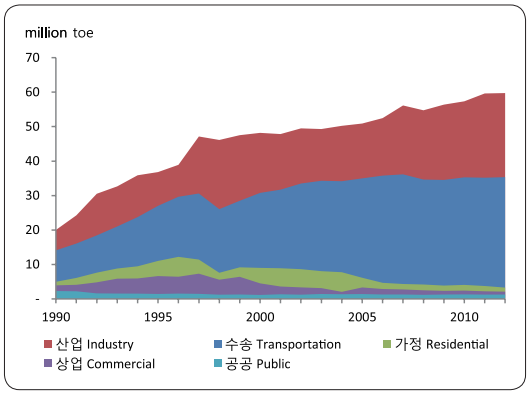


<월별 Monthly>

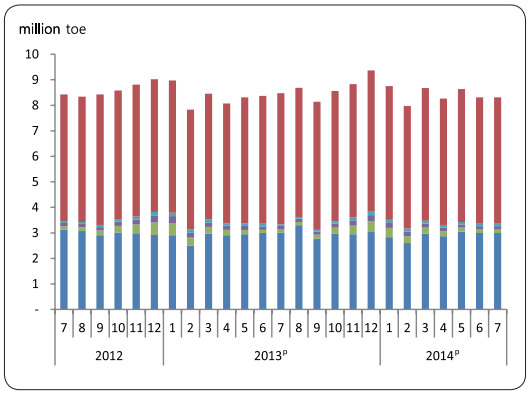


▢ 석유제품 최종에너지 부문별 소비 Final energy consumption of petroleum products by sector

<1990~2013>



<월별 Monthly>



3.1 원유 수급 Crude oil supply and demand

		국내생산[1] Domestic production	수입 Imports	재고 Stock	정제투입 Refinery intake 원유 Crude oil	정제원료(반제품) Refinery feedstocks	기타[2] Other	정제능력[3] Refining capacity	정제가동률[4] Operable utilization rate
		1,000 bbl						1,000 BPSD	%
1990		-	308,368	3,370	306,493	6,766	-	840	99.97
1991		-	399,303	4,644	413,055	6,821	-	1,036	109.23
1992		-	509,378	5,402	510,032	10,455	-	1,442	96.64
1993		-	560,563	7,428	544,504	15,089	-	1,675	89.06
1994		-	573,714	17,323	561,584	23,559	-	1,700	90.51
1995		-	624,945	10,377	631,078	30,297	-	1,818	95.10
1996		-	721,927	11,297	720,846	26,986	-	2,438	80.78
1997		-	873,415	11,385	871,974	38,357	3,378	2,438	97.99
1998		-	819,094	3,598	825,890	36,660	2,937	2,438	92.81
1999		-	874,090	3,449	872,742	32,709	3,342	2,438	98.08
2000		-	893,943	3,865	890,304	28,777	4,316	2,438	99.78
2001		-	859,367	3,853	860,115	33,150	3,518	2,438	96.66
2002		-	790,992	6,996	786,805	50,421	3,246	2,438	88.42
2003		-	804,809	27,637	782,951	40,235	3,542	2,438	87.98
2004		-	825,790	25,574	826,551	35,760	3,723	2,735	82.57
2005		407	843,203	15,495	852,439	41,509	4,299	2,735	85.39
2006		333	888,794	23,691	878,395	36,067	4,735	2,772	86.82
2007		236	872,541	11,637	882,117	38,721	4,865	2,812	85.94
2008		155	864,872	10,723	865,663	40,409	4,959	2,860	82.70
2009		321	835,085	7,244	838,475	33,399	5,731	2,875	79.90
2010		380	872,415	7,611	872,247	26,633	5,986	2,890	82.69
2011		285	927,044	10,980	924,441	38,696	5,920	3,010	84.14
2012		263	947,292	13,231	945,162	41,488	5,926	3,039	84.98
2013[p]		290	915,075	19,245	906,674	43,878	4,866	2,949	84.23
2012	7	19	77,794	10,756	81,022	4,822	514	3,039	86.00
	8	18	80,463	11,478	80,532	3,264	528	3,039	85.48
	9	16	79,846	13,126	77,466	3,270	531	3,039	84.97
	10	13	81,249	12,841	81,440	3,430	462	3,039	86.45
	11	15	80,210	15,347	77,284	3,928	482	3,039	84.77
	12	36	79,732	13,231	82,238	3,942	475	3,039	87.29
2013[p]	1	34	81,710	11,288	84,025	3,120	468	2,949	91.91
	2	28	78,846	14,465	75,659	2,703	451	2,949	91.63
	3	30	73,221	11,376	76,267	3,194	369	2,949	83.43
	4	27	69,115	13,797	66,799	1,997	394	2,949	75.51
	5	26	77,464	19,715	71,661	3,715	365	2,949	78.39
	6	11	77,320	19,485	77,253	3,448	352	2,949	87.32
	7	25	83,289	26,700	75,939	3,728	451	2,949	83.07
	8	24	70,319	20,829	76,042	4,070	459	2,949	83.18
	9	22	74,752	23,885	71,773	5,101	403	2,949	81.13
	10	22	79,037	25,112	77,385	4,380	411	2,949	84.65
	11	20	75,811	23,229	77,661	3,597	365	2,949	87.78
	12	21	74,191	19,245	76,210	4,824	377	2,949	83.36
2014[p]	1	21	78,426	20,297	77,338	4,378	386	2,949	84.60
	2	18	74,011	25,315	68,694	3,225	348	2,949	83.19
	3	19	75,738	22,877	78,427	3,823	390	2,949	94.98
	4	18	71,229	24,201	69,916	3,856	392	2,949	84.67
	5	6	72,672	22,944	73,831	4,279	361	2,949	89.41
	6	19	73,338	23,794	72,310	4,386	305	2,949	87.57
	7	18	81,366	25,464	79,639	3,637	386	2,949	96.45
2013[p]	1-7	181	540,964	26,700	527,603	21,906	2,851	2,949	84.39
2014[p]	1-7	120	526,780	25,464	520,155	27,584	2,568	2,949	83.20

1. 울산 동해-1 가스전에서 2004년부터 생산하고 있음.
2. 첨가제 및 산소성분
3. 국내 모든 정유사 정제능력의 합계
4. 정제능력 대비 해당 월의 1일 원유처리(투입)량의 비율
자료: 한국석유공사-PEDSIS

1. Production at the Ulsan Donghae-1 gas field since 2004.
2. Additives and oxygenates.
3. Sum of all the refineries in Korea.
4. Calculated by dividing the daily crude oil input by the refining capacity.
Source: Korea National Oil Corporation-PEDSIS

3.2 석유제품 수급 Petroleum products supply and demand

		생산 Production	수입 Imports	수출 Exports	국제벙커링[1] International bunkers	재고 Stocks	국내공급[2] Domestic supply
		1,000 kℓ					
1990		48,410	16,097	4,322	2,403	3,112	56,654
1991		64,900	17,495	11,088	3,293	3,220	67,515
1992		80,217	21,783	14,571	4,149	4,901	81,753
1993		85,849	26,671	16,454	4,855	5,395	89,758
1994		90,375	30,332	14,806	5,295	5,779	98,808
1995		102,243	32,660	19,496	5,897	5,984	107,666
1996		115,125	34,201	25,172	6,690	6,754	114,637
1997		144,908	29,541	36,733	7,334	7,756	126,217
1998		137,497	27,965	47,168	7,312	7,381	106,564
1999		144,848	29,331	47,361	7,798	6,802	114,414
2000		147,362	32,481	48,696	7,388	7,899	118,055
2001		144,253	32,557	46,902	7,366	7,847	118,231
2002		136,466	36,337	38,017	7,387	6,877	121,284
2003		133,712	34,960	33,240	8,448	6,675	121,295
2004		140,926	31,019	37,442	9,283	8,040	119,608
2005		146,726	28,514	41,757	8,845	6,771	121,000
2006		151,032	30,455	45,958	8,561	7,441	121,706
2007		151,973	33,248	46,435	8,036	7,111	126,384
2008		149,246	35,710	53,063	8,046	6,365	120,930
2009		145,097	42,642	52,610	7,229	5,984	123,766
2010		149,274	44,015	54,338	7,844	6,592	126,278
2011		159,343	44,398	64,919	7,811	6,541	127,448
2012		164,502	49,221	70,096	7,805	7,701	131,588
2013[p]		159,299	52,338	68,250	8,187	7,838	131,194
2012	7	14,195	3,711	5,837	635	7,667	10,924
	8	13,725	4,102	5,563	672	7,918	10,840
	9	13,757	4,761	7,144	723	7,758	10,700
	10	14,170	3,587	6,240	652	7,282	10,947
	11	13,609	4,722	6,121	656	7,247	11,274
	12	14,486	4,667	6,026	679	7,701	11,648
2013[p]	1	14,516	4,497	6,126	713	7,871	11,597
	2	13,071	3,867	5,703	634	8,012	10,190
	3	13,309	4,477	5,946	737	8,034	10,857
	4	11,477	4,625	5,285	680	7,409	10,410
	5	12,523	4,269	5,560	686	7,056	10,661
	6	13,241	4,408	5,725	634	7,326	10,723
	7	13,675	4,304	5,353	721	8,154	10,964
	8	13,307	4,266	5,872	741	7,754	11,212
	9	12,932	4,121	5,678	658	7,581	10,404
	10	13,653	4,172	5,665	686	7,805	10,915
	11	13,699	4,227	6,210	669	7,115	11,305
	12	13,897	5,107	5,125	627	7,838	11,957
2014[p]	1	13,252	5,258	5,741	725	8,269	11,214
	2	12,410	4,142	5,211	610	8,511	10,232
	3	14,086	4,766	6,485	632	8,711	11,147
	4	12,289	3,958	5,430	774	7,928	10,494
	5	13,430	4,506	5,877	772	7,958	10,960
	6	12,561	3,763	5,186	716	7,435	10,540
	7	14,287	3,953	5,970	709	7,937	10,820
2013[p]	1-7	91,810	30,447	39,699	4,805	8,154	75,400
2014[p]	1-7	92,316	30,347	39,899	4,939	7,937	75,407

1. 외국적 선박 및 항공기에 인도된 물량
2. 1차에너지 공급량 기준
자료: 한국석유공사-PEDSIS

1. Deliveries to foreign-flag ships and planes
2. Primary energy supply.
Source: Korea National Oil Corporation-PEDSIS

3.3 계약형태별 원유 수입

		합계 Total	중동 Middle East 소계[1] Sub-total	중동 Middle East 장기계약 Long-term	중동 Middle East 현물 Spot	아시아 Asia 소계[1] Sub-total	아시아 Asia 장기계약 Long-term	아시아 Asia 현물 Spot
		1,000 bbl						
1990		310,230	230,003	122,685	63,976	63,976	33,360	26,101
1991		388,405	285,286	191,873	80,350	80,350	41,608	38,532
1992		505,584	376,756	266,624	96,667	96,667	45,315	50,606
1993		544,084	418,661	288,372	96,501	96,501	53,035	43,465
1994		567,798	432,356	294,000	92,944	92,944	51,438	40,881
1995		615,432	481,245	347,396	78,544	78,544	39,128	38,716
1996		742,212	580,355	439,969	100,454	100,454	43,781	56,673
1997		857,275	634,473	527,885	121,505	121,505	58,346	63,159
1998		819,036	622,007	528,945	116,620	116,620	62,046	54,575
1999		872,152	632,931	468,753	93,693	93,693	45,727	47,966
2000		891,336	687,019	500,749	113,486	113,486	54,386	59,100
2001		855,160	657,417	485,939	130,750	130,750	36,158	94,592
2002		781,024	578,806	421,770	130,243	130,243	38,748	91,495
2003		792,266	627,597	487,836	100,764	100,764	34,873	65,891
2004		827,516	646,188	496,427	114,271	114,271	35,887	78,384
2005		824,876	679,831	524,625	110,336	110,336	29,034	81,302
2006		889,597	733,831	564,480	108,343	108,343	22,600	85,743
2007		859,410	694,461	513,128	131,423	131,423	20,740	110,683
2008		859,590	741,185	569,168	107,506	107,506	18,124	89,381
2009		843,609	717,186	570,950	113,247	113,247	20,715	92,532
2010		875,781	716,847	594,543	152,938	152,938	24,352	128,586
2011		922,965	808,146	687,602	103,781	103,781	22,696	81,085
2012		947,054	807,402	638,138	88,290	88,290	19,571	68,720
2013p		910,969	787,436	601,762	94,876	94,876	21,522	73,355
2012	7	77,794	65,429	52,289	13,140	4,781	607	4,174
	8	80,463	68,480	52,257	16,223	9,249	1,935	7,314
	9	79,846	64,561	47,576	16,985	7,020	1,267	5,753
	10	81,249	67,787	51,239	16,548	11,763	2,027	9,736
	11	80,210	71,113	56,842	14,271	9,097	1,319	7,778
	12	79,732	67,409	53,712	13,697	8,212	1,551	6,661
2013p	1	81,710	66,138	47,898	18,240	10,919	1,537	9,383
	2	78,846	67,005	55,190	11,815	9,106	1,198	7,909
	3	69,115	59,033	42,071	16,961	7,163	691	6,472
	4	69,115	59,033	42,071	16,961	7,163	691	6,472
	5	77,464	61,631	43,488	18,144	13,741	2,223	11,518
	6	77,320	71,554	49,300	22,253	5,766	1,814	3,952
	7	83,289	72,436	51,827	20,609	7,834	1,750	6,084
	8	70,319	61,618	52,270	9,348	7,149	2,993	4,156
	9	74,752	65,968	55,329	10,639	7,946	2,045	5,901
	10	79,037	70,552	54,900	15,652	6,813	1,266	5,547
	11	75,811	68,974	53,118	15,856	5,688	2,255	3,433
	12	74,191	63,496	54,299	9,196	5,587	3,060	2,527
2014p	1	78,426	63,733	53,669	10,064	4,779	1,336	3,443
	2	74,011	61,406	55,569	5,837	6,351	1,653	4,698
	3	75,738	61,539	51,560	9,979	9,668	1,605	8,063
	4	71,229	56,292	45,894	10,398	7,306	1,760	5,545
	5	72,672	63,575	50,509	13,066	6,371	1,646	4,726
	6	73,338	63,846	51,040	12,805	7,457	1,054	6,403
	7	81,366	70,856	56,094	14,763	7,452	1,790	5,662
2013p	1-7	536,859	456,828	331,846	124,982	61,693	9,902	51,790
2014p	1-7	526,780	441,247	364,336	76,911	49,383	10,844	38,539

1. 임가공과 개발도입 물량 포함.
자료: 한국석유공사-PEDSIS

Crude oil imports by contract type

아프리카 Africa			아메리카·유럽 America and Europe			계약형태 비중[2] Share of contract type			
소계[1] Sub-total	장기계약 Long-term	현물 Spot	소계[1] Sub-total	장기계약 Long-term	현물 Spot	장기계약 Long-term	현물 Spot		
1,000 bbl						%			
9,589	687	8,102	6,661	3,657	3,004	51.70	32.62		1990
5,551	-	3,744	17,218	14,480	2,739	63.84	34.92		1991
11,698	2,609	7,228	20,462	19,474	-	66.07	32.39		1992
11,237	2,403	8,834	17,685	17,685	-	66.44	32.37		1993
22,314	4,718	17,596	20,184	20,184	-	65.22	33.84		1994
37,803	2,831	34,971	17,841	17,841	-	66.16	33.25		1995
37,640	6,760	30,880	23,763	16,954	6,809	68.37	31.63		1996
80,459	1,453	79,006	20,838	20,317	521	70.92	29.02		1997
58,924	11,200	47,725	21,485	16,941	4,545	75.59	24.41		1998
107,014	34,831	72,183	38,514	22,590	15,925	65.57	34.43		1999
63,561	11,447	52,114	27,271	14,152	13,119	65.15	34.85		2000
40,015	937	39,078	26,978	10,051	16,927	62.34	37.62		2001
34,354	2,981	31,373	37,622	13,540	24,081	61.08	38.92		2002
31,243	10,459	20,784	32,662	9,538	23,124	68.50	31.20		2003
45,582	21,720	23,862	21,476	12,049	9,427	68.41	31.51		2004
29,018	-	29,018	5,691	643	5,049	67.20	32.63		2005
44,462	1,608	42,855	2,960	-	2,960	66.17	33.83		2006
31,835	1,212	30,623	1,690	-	1,690	62.26	37.74		2007
10,899	-	10,899	-	-	-	68.32	31.68		2008
11,441	416	11,025	1,734	-	1,734	70.18	29.82		2009
4,174	-	4,174	1,823	-	1,823	70.67	29.33		2010
2,772	-	2,772	8,266	-	8,266	76.96	23.04		2011
7,707	-	7,707	43,655	-	43,655	69.45	30.55		2012
8,732	674	8,058	19,925	2,075	17,850	68.72	31.28		2013[p]
303	-	303	7,281	-	7,281	67.99	32.01	7	
-	-	-	2,734	-	2,734	67.35	32.65	8	
1,354	-	1,354	6,911	-	6,911	61.17	38.83	9	
-	-	-	1,698	-	1,698	65.56	34.44	10	
-	-	-	-	-	-	72.51	27.49	11	
-	-	-	4,111	-	4,111	69.31	30.69	12	
-	-	-	4,653	-	4,653	60.50	39.50	1	2013[p]
-	-	-	2,735	-	2,735	71.52	28.48	2	
1,006	-	1,006	1,913	-	1,913	61.87	38.13	3	
1,006	-	1,006	1,913	-	1,913	61.87	38.13	4	
-	-	-	2,092	-	2,092	59.01	40.99	5	
-	-	-	-	-	-	66.11	33.89	6	
894	-	894	2,125	-	2,125	64.33	35.67	7	
1,552	-	1,552	-	-	-	78.59	21.41	8	
838	-	838	-	-	-	76.75	23.25	9	
1,343	674	669	329	-	329	71.91	28.09	10	
1,148	-	1,148	-	-	-	73.04	26.96	11	
944	-	944	4,165	2,075	2,090	80.11	19.89	12	
2,132	-	2,132	7,783	3,148	4,635	74.15	25.85	1	2014[p]
1,572	-	1,572	4,681	2,083	2,598	80.13	19.87	2	
1,338	-	1,338	3,192	3,192	-	74.41	25.59	3	
3,634	-	3,634	3,998	2,049	1,949	69.78	30.22	4	
2,726	-	2,726	-	-	-	71.77	28.23	5	
-	-	-	2,036	1,085	951	72.51	27.49	6	
2,110	-	2,110	948	-	948	71.14	28.86		
2,907	-	2,907	15,431	-	15,431	63.66	36.34	1-7	2013[p]
13,512	-	13,512	22,638	11,557	11,081	73.42	26.58	1-7	2014[p]

1. Includes imports by tall processing and development & import.
Source: Korea National Oil Corporation-PEDSIS

3.4 국별 원유 수입

		합계	중동 Middle East						
			소계[1]	사우디아라비아	아랍에미레이트	이란	쿠웨이트	오만	카타르
		Total	Sub-total	Saudi Arabia	UAE	Iran	Kuwait	Oman	Qatar
		1,000 bbl							
1990		308,368	229,017	39,616	49,877	34,287	17,069	63,686	6,610
1991		399,303	294,357	133,588	46,135	52,775	-	51,155	8,133
1992		509,378	380,452	155,104	53,206	61,276	14,372	73,725	14,505
1993		560,563	430,839	172,413	57,576	76,057	29,334	69,557	14,404
1994		573,714	439,330	177,619	48,598	82,828	27,239	48,381	14,352
1995		624,945	486,528	226,863	70,536	68,314	25,233	55,131	10,871
1996		721,927	561,098	252,665	91,620	78,067	41,134	57,413	14,424
1997		873,415	645,678	267,888	127,395	82,192	55,091	50,197	35,241
1998		819,094	622,005	234,450	122,022	67,502	66,894	57,195	34,879
1999		874,090	632,067	241,747	117,405	81,944	53,284	56,001	37,301
2000		893,943	686,916	264,925	128,064	81,251	66,627	46,632	45,722
2001		859,367	661,649	255,432	128,405	80,413	64,407	53,639	42,157
2002		790,992	579,865	240,765	105,905	51,512	56,996	42,053	35,330
2003		804,809	639,453	250,473	138,869	63,682	65,885	40,927	46,780
2004		825,790	645,183	253,849	145,598	64,974	64,659	32,832	45,581
2005		843,203	689,356	249,337	150,608	70,767	79,679	38,799	53,122
2006		888,794	730,843	261,563	158,865	75,058	92,620	36,273	49,871
2007		872,541	704,020	249,887	141,887	85,793	94,031	14,760	46,088
2008		864,872	746,458	262,637	158,109	73,016	104,593	16,670	64,402
2009		835,085	705,363	254,799	114,592	81,437	100,090	17,507	53,673
2010		872,415	713,647	276,787	105,656	72,605	103,079	12,152	64,362
2011		927,044	807,908	291,348	87,234	87,184	117,370	16,715	93,146
2012		947,292	805,971	303,049	86,536	56,146	137,647	8,761	103,825
2013[p]		915,075	786,813	286,588	110,809	48,214	139,853	3,543	86,090
2012	7	77,794	65,429	23,850	7,304	4,259	12,565	1,681	8,519
	8	80,463	68,480	26,980	6,319	-	11,209	707	8,515
	9	79,846	64,561	23,627	5,655	-	11,808	419	10,382
	10	81,249	67,787	27,046	8,506	5,781	9,207	1,243	8,725
	11	80,210	71,113	25,665	7,187	5,871	14,060	718	8,276
	12	79,732	67,409	24,605	6,460	5,724	12,424	402	8,130
2013[p]	1	81,710	66,138	25,086	7,713	5,896	10,005	398	6,699
	2	78,846	67,005	25,620	8,671	3,974	12,557	55	7,570
	3	73,221	58,409	20,641	8,208	4,021	10,032	7	6,109
	4	69,115	59,033	21,352	7,246	3,683	11,076	380	5,916
	5	77,464	61,631	25,131	7,582	3,641	8,998	1,398	6,320
	6	77,320	71,554	25,201	9,060	4,072	13,154	1,002	8,006
	7	83,289	72,436	22,844	10,464	5,906	16,048	-	6,600
	8	70,319	61,618	24,856	9,528	1,967	9,755	-	6,853
	9	74,752	65,968	24,300	10,806	4,124	11,685	-	6,761
	10	79,037	70,552	24,630	11,350	3,041	14,635	-	8,222
	11	75,811	68,974	23,509	10,366	3,853	11,163	303	11,702
	12	74,191	63,496	23,417	9,816	4,036	10,745	-	5,332
2014[p]	1	78,426	63,733	24,904	6,467	1,997	13,513	-	7,058
	2	74,011	61,406	24,860	6,654	8,140	9,326	60	4,712
	3	75,738	61,539	23,499	6,440	1,986	12,505	401	8,349
	4	71,229	56,292	21,174	10,833	4,003	8,657	-	6,690
	5	72,672	63,575	23,468	10,490	2,063	12,207	1,502	7,903
	6	73,338	63,846	22,683	9,255	4,374	11,953	-	7,682
	7	81,366	70,856	25,151	10,180	4,037	12,670	1,065	10,359
2013[p]	1-7	540,964	456,205	165,876	58,943	31,193	81,869	3,240	47,220
2014[p]	1-7	526,780	441,247	165,739	60,319	26,599	80,830	3,028	52,753

1. 기타 국가 물량 포함.
2. 아프리카 국가는 앙골라, 나이지리아, 콩고, 예멘, 오만 등임.
3. 아메리카 국가는 에콰도르, 미국, 멕시코, 브라질 등임.
4. 유럽 국가는 러시아, 노르웨이, 영국 등임.
자료: 한국석유공사-PEDSIS

Crude oil imports by country

아시아 Asia					아프리카[2]	아메리카[3]	유럽[4]		
소계[1] Sub-total	인도네시아 Indonesia	말레이시아 Malaysia	호주 Australia	브루나이 Brunei	Africa	America	Europe		
1,000 bbl									
62,530	19,096	23,135	689	11,514	9,689	7,132	-		1990
82,695	33,436	26,102	1,674	12,225	5,551	16,701	-		1991
95,033	38,040	25,464	-	14,441	12,822	21,071	-		1992
99,147	34,677	27,370	1,819	12,950	12,876	17,702	-		1993
91,083	37,454	19,998	3,880	13,335	23,225	20,075	-		1994
82,050	31,367	13,339	4,939	11,938	37,911	18,456	-		1995
98,631	35,088	14,838	5,445	13,828	37,024	25,174	-		1996
122,379	40,965	16,968	8,851	12,787	81,119	23,580	660		1997
113,494	33,599	18,156	14,252	13,786	61,907	17,594	4,095		1998
93,517	41,726	19,988	15,495	8,045	109,560	27,896	11,050		1999
112,669	36,762	17,732	34,990	8,649	67,749	21,365	5,245		2000
130,033	45,228	19,838	32,879	9,631	39,155	25,469	3,061		2001
136,756	42,457	14,247	39,552	11,508	35,877	30,282	8,212		2002
100,721	33,672	11,101	25,396	11,247	34,156	28,543	1,936		2003
116,287	38,104	13,785	32,068	10,897	42,874	21,447	-		2004
111,937	37,703	13,037	31,879	10,558	34,424	5,363	2,124		2005
110,306	23,359	12,747	34,652	13,210	42,814	4,831	-		2006
131,273	17,603	12,991	39,101	9,224	35,557	1,690	-		2007
108,482	16,308	11,155	34,499	10,644	9,932	-	-		2008
116,379	20,115	6,271	34,423	9,596	11,608	1,734	-		2009
152,354	29,668	9,032	31,735	12,668	4,592	1,823	-		2010
108,402	21,008	8,961	15,101	12,324	2,772	2,796	5,166		2011
88,190	20,588	4,909	7,723	9,923	9,233	314	43,585		2012
97,047	13,242	5,099	15,992	7,606	8,096	329	22,790		2013[p]
4,781	1,216	349	576	301	303	-	7,281	7	
9,249	2,683	294	-	1,329	-	-	2,734	8	
7,020	1,214	327	1,102	313	1,354	-	6,911	9	
11,763	2,969	621	403	708	-	-	1,698	10	
9,097	2,279	585	1,122	897	-	-	-	11	
8,212	1,876	557	619	917	-	-	4,111	12	
10,919	2,186	-	1,333	1,149	-	-	4,653	1	2013[p]
9,106	1,167	636	1,236	589	-	-	2,735	2	
9,334	1,126	345	682	526	371	-	5,107	3	
7,163	842	305	1,259	386	1,006	-	1,913	4	
13,741	1,321	608	1,946	893	-	-	2,092	5	
5,766	952	196	1,301	686	-	-	-	6	
7,834	1,409	947	620	602	894	-	2,125	7	
7,149	584	637	2,569	592	1,552	-	-	8	
7,946	1,136	830	1,364	288	838	-	-	9	
6,813	729	295	1,051	281	1,343	329	-	10	
5,688	625	299	1,301	597	1,148	-	-	11	
5,587	1,167	-	1,332	1,018	944	-	4,165	12	
4,779	295	302	650	291	2,132	540	7,242	1	2014[p]
6,351	285	-	2,601	610	1,572	553	4,128	2	
9,668	769	733	1,907	579	1,338	-	3,192	3	
7,306	832	308	1,235	595	3,634	-	3,998	4	
6,371	671	309	1,202	914	2,726	-	-	5	
7,457	1,516	518	1,300	300	-	-	2,036	6	
7,452	382	306	1,364	311	2,110	948	-		
63,863	9,003	3,037	8,375	4,831	2,271	-	18,625	1-7	2013[p]
49,383	4,750	2,476	10,260	3,600	13,512	2,041	20,597	1-7	2014[p]

1. Includes the imports from other countries in the region.
2. Angola, Nigeria, Republic of the Congo, Yemen, Oman, etc.
3. Ecuador, US, Mexico, Brazil, etc.
4. Russia, Norway, UK, etc.
Source: Korea National Oil Corporation-PEDSIS

3.5 석유제품 수입 Petroleum products imports

		합계 Total	휘발유 Gasoline	경유 Gas/Diesel oil	등유 Kerosene	중유[1] Fuel oil	액화석유가스 LPG	납사 Naphtha	기타[2] Others
		1,000 kℓ							
1990		16,097	-	2,160	2,777	4,397	4,312	2,450	1
1991		17,495	-	1,718	1,553	5,439	4,817	3,953	15
1992		21,783	-	919	1,429	5,449	6,301	7,623	63
1993		26,671	-	1,785	2,546	5,187	7,230	9,923	-
1994		30,332	-	2,772	2,717	5,642	7,726	11,473	3
1995		32,660	-	5,118	3,714	3,947	8,442	11,421	18
1996		34,201	-	2,948	4,401	4,633	8,768	12,751	701
1997		29,541	-	498	2,507	4,254	9,099	12,611	572
1998		27,965	34	349	811	2,055	7,813	16,709	192
1999		29,331	62	367	427	2,623	9,167	16,076	609
2000		32,481	118	448	1,092	3,992	8,865	17,692	273
2001		32,557	335	1,062	844	3,548	7,641	19,036	90
2002		36,337	641	2,055	1,100	3,768	8,937	19,382	454
2003		34,960	328	1,771	1,053	2,199	8,077	20,983	550
2004		31,019	194	682	272	1,317	7,613	20,885	56
2005		28,514	12	304	57	639	7,900	19,602	0
2006		30,455	-	251	41	1,389	8,586	20,185	2
2007		33,248	-	122	82	940	9,248	22,856	0
2008		35,710	-	59	60	1,143	10,023	24,385	40
2009		42,642	-	133	11	3,157	10,523	28,751	67
2010		44,015	-	121	53	2,779	11,070	29,984	8
2011		44,398	-	151	66	2,447	11,755	29,970	8
2012		49,221	13	760	24	4,316	11,120	32,980	7
2013[p]		52,338	273	1,367	16	7,040	10,488	33,116	39
2012	7	3,711	-	85	-	306	813	2,505	1
	8	4,102	-	136	-	329	836	2,801	1
	9	4,761	-	149	-	406	924	3,282	1
	10	3,587	1	127	-	175	662	2,623	0
	11	4,722	4	91	5	413	1,018	3,191	0
	12	4,667	8	89	8	611	1,000	2,951	0
2013[p]	1	4,497	72	132	6	485	943	2,858	1
	2	3,867	1	158	3	523	823	2,359	0
	3	4,477	0	128	4	431	835	3,079	0
	4	4,625	32	182	2	532	994	2,883	1
	5	4,269	-	194	-	552	969	2,553	1
	6	4,408	57	134	-	581	755	2,865	16
	7	4,304	53	78	-	544	966	2,662	0
	8	4,266	18	73	-	728	683	2,745	19
	9	4,121	40	105	-	410	776	2,790	0
	10	4,172	-	58	-	578	872	2,664	0
	11	4,227	-	72	-	708	952	2,494	1
	12	5,107	-	53	-	970	920	3,164	0
2014[p]	1	5,258	-	70	9	957	953	3,269	1
	2	4,142	-	89	2	728	686	2,636	1
	3	4,766	-	79	6	755	768	3,158	0
	4	3,958	-	60	1	741	854	2,302	1
	5	4,506	-	80	-	621	798	3,004	3
	6	3,763	-	56	-	605	813	2,288	1
	7	3,953	-	68	1	557	932	2,395	0
2013[p]	1-7	30,447	215	1,007	16	3,646	6,285	19,259	19
2014[p]	1-7	30,347	-	501	18	4,965	5,805	19,052	6

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계
2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.
자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.
2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.
Source: Korea National Oil Corporation-PEDSIS

3.6 석유제품 수출 Petroleum products exports

		합계 Total	휘발유 Gasoline	경유 Gas/Diesel oil	등유 Kerosene	중유[1] Fuel oil	액화석유가스 LPG	납사 Naphtha	기타[2] Others
		1,000 kℓ							
1990		4,322	5	1,662	15	1,922	175	529	14
1991		11,088	158	3,285	-	6,030	213	894	508
1992		14,571	19	4,312	1	8,062	104	863	1,211
1993		16,454	83	5,677	1	7,900	212	1,642	938
1994		14,806	90	5,455	74	6,372	213	1,454	1,148
1995		19,496	70	6,748	90	6,397	463	3,392	2,336
1996		25,172	405	8,618	463	6,848	558	4,892	3,387
1997		36,733	1,617	14,899	1,630	7,988	724	5,873	4,003
1998		47,168	2,482	17,367	1,105	9,577	1,667	7,130	7,840
1999		47,361	1,792	14,047	2,383	13,096	2,170	7,348	6,526
2000		48,696	2,364	15,370	3,160	11,472	1,293	7,766	7,272
2001		46,902	2,570	14,379	2,863	10,654	766	8,144	7,526
2002		38,017	2,468	12,120	1,622	5,568	458	7,145	8,635
2003		33,240	2,152	9,669	2,090	7,287	460	4,924	6,658
2004		37,442	2,913	10,817	1,223	7,240	153	4,954	10,142
2005		41,757	2,308	13,655	708	8,914	114	4,101	11,958
2006		45,958	3,168	14,550	757	9,263	121	4,450	13,647
2007		46,435	2,438	16,371	199	6,789	85	4,678	15,876
2008		53,063	4,914	20,817	381	5,597	59	3,643	17,651
2009		52,610	6,389	19,948	863	4,037	20	4,224	17,128
2010		54,338	6,254	20,789	1,027	4,064	145	5,105	16,953
2011		64,919	8,509	25,307	1,424	5,439	144	5,626	18,470
2012		70,096	10,094	28,055	1,205	4,465	284	5,292	20,700
2013[p]		68,250	10,177	26,035	1,063	3,505	136	6,288	21,046
2012	7	5,837	769	2,499	13	305	1	456	1,795
	8	5,563	798	2,216	54	380	0	466	1,650
	9	7,144	912	2,751	60	462	4	500	2,454
	10	6,240	870	2,446	12	577	10	421	1,904
	11	6,121	1,042	2,506	131	399	50	468	1,525
	12	6,026	891	2,375	256	391	62	475	1,577
2013[p]	1	6,126	932	2,541	374	214	25	557	1,484
	2	5,703	899	2,293	301	190	27	523	1,470
	3	5,946	853	2,453	45	290	41	632	1,632
	4	5,285	828	1,892	6	175	27	559	1,799
	5	5,560	742	2,154	9	243	1	547	1,865
	6	5,725	854	2,079	10	407	-	544	1,832
	7	5,353	647	1,648	5	498	4	559	1,993
	8	5,872	666	2,111	6	531	0	621	1,938
	9	5,678	715	2,156	75	343	0	558	1,830
	10	5,665	1,052	2,176	61	234	1	333	1,809
	11	6,210	984	2,578	68	265	1	482	1,832
	12	5,125	1,005	1,955	104	116	10	373	1,562
2014[p]	1	5,741	904	2,260	77	146	85	479	1,788
	2	5,211	980	2,127	67	148	59	290	1,542
	3	6,485	1,130	2,524	46	206	23	479	2,076
	4	5,430	926	2,081	79	187	9	290	1,857
	5	5,877	960	2,459	13	187	5	300	1,952
	6	5,186	674	2,023	13	162	6	355	1,952
	7	5,970	848	2,196	4	211	1	519	2,191
2013[p]	1-7	39,699	5,755	15,059	749	2,017	124	3,922	12,074
2014[p]	1-7	39,899	6,423	15,670	298	1,246	190	2,714	13,359

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계
2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.
자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.
2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.
Source: Korea National Oil Corporation-PEDSIS

3.7 석유제품 생산 Petroleum products production

		합계 Total	휘발유 Gasoline	경유 Gas/Diesel oil	등유 Kerosene	중유[1] Fuel oil	액화석유가스 LPG	납사 Naphtha	기타[2] Others
		1,000 kℓ							
1990		48,410	3,806	15,033	2,152	16,366	1,907	5,642	3,504
1991		64,900	4,537	20,234	2,161	23,559	2,026	8,433	3,949
1992		80,217	5,143	24,257	4,660	28,518	2,332	10,375	4,933
1993		85,849	6,561	26,704	5,074	30,067	2,223	10,410	4,809
1994		90,375	8,062	26,875	5,136	31,221	2,339	10,806	5,936
1995		102,243	9,612	28,761	6,665	33,268	2,499	14,041	7,396
1996		115,125	11,277	34,411	8,156	34,167	2,504	16,396	8,214
1997		144,908	12,504	41,999	11,431	37,852	3,315	24,534	13,272
1998		137,497	12,087	36,964	9,937	33,403	4,373	24,457	16,277
1999		144,848	11,949	34,765	14,388	38,248	4,806	26,145	14,547
2000		147,362	12,115	36,248	13,958	36,640	5,551	26,552	16,297
2001		144,253	12,163	34,800	11,897	35,874	6,258	25,862	17,400
2002		136,466	12,233	33,027	9,801	30,068	6,440	26,059	18,839
2003		133,712	11,613	32,222	10,070	32,433	6,061	23,676	17,635
2004		140,926	12,002	33,792	7,861	32,110	6,134	26,684	22,343
2005		146,726	11,737	36,720	6,883	33,569	5,926	28,040	23,851
2006		151,032	12,667	37,894	6,421	32,971	5,716	29,105	26,258
2007		151,973	12,435	40,254	4,513	29,289	5,398	31,281	28,804
2008		149,246	14,764	42,047	4,915	23,939	5,490	27,623	30,468
2009		145,097	17,278	41,608	5,169	19,806	5,586	25,289	30,361
2010		149,274	17,776	42,670	6,150	20,059	5,188	26,983	30,449
2011		159,343	19,652	46,468	5,520	19,860	2,912	31,018	33,913
2012		164,502	21,842	49,243	4,231	16,314	2,743	32,926	37,202
2013[p]		159,299	21,465	47,342	3,418	12,633	3,186	33,012	38,242
2012	7	14,195	1,874	4,348	95	1,318	292	2,788	3,479
	8	13,725	1,892	4,274	243	1,428	268	2,677	2,942
	9	13,757	1,833	3,930	157	1,265	197	2,675	3,700
	10	14,170	1,916	4,219	281	1,452	192	2,657	3,453
	11	13,609	1,901	4,198	555	1,247	161	2,626	2,919
	12	14,486	1,916	4,418	671	1,353	209	2,905	3,012
2013[p]	1	14,516	1,892	4,381	932	1,294	256	3,013	2,748
	2	13,071	1,709	3,759	653	1,085	252	2,841	2,771
	3	13,309	1,811	3,885	181	1,014	272	2,810	3,336
	4	11,477	1,545	3,620	54	957	246	2,312	2,744
	5	12,523	1,748	3,614	76	1,003	266	2,601	3,214
	6	13,241	1,672	4,054	65	1,023	277	2,740	3,408
	7	13,675	1,687	3,794	126	1,413	316	2,982	3,356
	8	13,307	1,615	3,788	37	1,221	292	2,819	3,536
	9	12,932	1,723	3,731	186	987	263	2,745	3,297
	10	13,653	2,125	4,049	251	819	235	2,732	3,443
	11	13,699	2,007	4,213	400	976	250	2,686	3,168
	12	13,897	1,932	4,455	456	840	261	2,731	3,222
2014[p]	1	13,252	1,929	4,078	407	843	311	2,571	3,114
	2	12,410	1,785	3,940	269	653	290	2,439	3,034
	3	14,086	2,014	4,245	222	917	333	2,745	3,610
	4	12,289	1,797	3,755	195	697	307	2,493	3,046
	5	13,430	1,832	4,249	25	897	325	2,658	3,444
	6	12,561	1,701	3,909	71	679	261	2,793	3,148
	7	14,287	1,816	4,269	89	894	355	2,994	3,870
2013[p]	1-7	91,810	12,063	27,107	2,089	7,790	1,885	19,299	21,577
2014[p]	1-7	92,316	12,873	28,444	1,278	5,579	2,183	18,692	23,266

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계
2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.
자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.
2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.
Source: Korea National Oil Corporation-PEDSIS

3.8 석유제품 공급 Petroleum products supply

		합계 Total	휘발유 Gasoline	경유 Gas/Diesel oil	등유 Kerosene	중유[1] Fuel oil	액화석유가스 LPG	납사 Naphtha	기타[2] Others
		1,000 kℓ							
1990		56,654	3,767	15,493	3,965	17,278	5,678	7,560	2,913
1991		67,515	4,565	18,207	4,070	20,180	6,857	10,441	3,195
1992		81,753	5,604	20,260	5,445	22,971	8,572	15,447	3,455
1993		89,758	6,758	21,943	6,878	23,853	9,450	17,262	3,616
1994		98,808	8,122	23,413	7,605	26,098	10,088	19,599	3,883
1995		107,666	9,441	25,932	9,963	26,642	10,567	20,902	4,218
1996		114,637	10,806	27,410	11,711	26,721	10,881	22,460	4,648
1997		126,217	11,345	26,517	13,518	26,191	11,387	30,989	6,271
1998		106,564	9,712	19,137	9,771	17,591	10,810	34,000	5,543
1999		114,414	10,156	20,043	12,230	19,175	12,243	34,803	5,764
2000		118,055	9,918	20,577	11,114	20,624	13,464	36,415	5,943
2001		118,231	9,969	21,013	9,810	20,361	13,415	37,090	6,573
2002		121,284	10,187	21,947	9,295	19,316	14,533	39,000	7,005
2003		121,295	9,616	23,111	8,406	18,414	14,087	40,130	7,531
2004		119,608	9,245	22,862	6,851	16,690	14,059	41,792	8,110
2005		121,000	9,469	22,660	6,263	15,980	14,574	43,442	8,612
2006		121,706	9,519	22,645	5,000	15,404	14,857	45,629	8,651
2007		126,384	9,937	23,105	4,161	14,755	15,444	50,375	8,607
2008		120,930	10,006	21,385	4,397	11,128	16,197	49,503	8,313
2009		123,766	10,473	21,035	4,132	11,038	16,903	51,292	8,893
2010		126,278	10,959	21,407	4,667	10,381	16,721	52,754	9,389
2011		127,448	11,061	21,329	4,043	8,744	15,771	56,470	10,031
2012		131,588	11,409	21,737	3,499	8,666	15,179	61,146	9,951
2013[p]		131,194	11,672	22,738	2,992	7,372	14,795	61,089	10,537
2012	7	10,924	1,024	1,854	122	773	1,245	5,058	847
	8	10,840	1,009	1,814	147	674	1,380	5,032	784
	9	10,700	966	1,708	185	495	1,207	5,302	836
	10	10,947	998	1,876	316	577	1,100	5,261	819
	11	11,274	967	1,933	393	705	1,108	5,304	864
	12	11,648	959	1,983	578	781	1,222	5,269	855
2013[p]	1	11,597	953	1,829	547	774	1,214	5,491	790
	2	10,190	830	1,572	332	637	1,146	4,929	743
	3	10,857	973	1,897	228	582	1,292	5,119	766
	4	10,410	933	1,891	199	641	1,202	4,696	848
	5	10,661	991	1,920	123	523	1,301	4,890	912
	6	10,723	938	1,955	101	628	1,233	4,880	987
	7	10,964	990	1,843	94	654	1,253	5,284	846
	8	11,212	1,138	1,999	138	634	1,222	5,225	855
	9	10,404	985	1,674	155	483	1,186	5,085	836
	10	10,915	978	1,985	264	538	1,225	4,934	991
	11	11,305	971	2,025	371	620	1,256	5,113	951
	12	11,957	992	2,149	439	658	1,265	5,443	1,012
2014[p]	1	11,214	925	1,767	388	563	1,087	5,619	865
	2	10,232	849	1,693	261	537	1,041	4,999	853
	3	11,147	971	1,935	193	585	1,159	5,400	905
	4	10,494	925	1,900	112	452	1,175	5,038	892
	5	10,960	1,016	1,961	91	443	1,238	5,268	943
	6	10,540	959	1,941	74	422	1,301	4,889	955
	7	10,820	996	1,944	84	448	1,300	5,102	946
2013[p]	1-7	75,400	6,608	12,907	1,625	4,439	8,640	35,289	5,892
2014[p]	1-7	75,407	6,640	13,140	1,203	3,449	8,301	36,315	6,359

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계
2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.
주: 1차에너지 공급량 기준
자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.
2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.
Note: Based on primary energy supply.
Source: Korea National Oil Corporation-PEDSIS

3.9 휘발유 수급 Gasoline supply and demand

		생산 Production	수입 Import	수출 Export	재고 Stock	공급[1] Supply	소비 Consumption 합계 Total	산업 Industry	수송 Transport	가정 Residential	상업·공공 Commercial/ Public
		1,000 kℓ									
1990		3,806	-	5	180	3,767	...	...	...	...	...
1991		4,537	-	158	199	4,565	4,564	106	4,281	8	169
1992		5,143	-	19	200	5,604	5,602	140	5,316	10	136
1993		6,561	-	83	454	6,758	6,758	187	6,439	12	120
1994		8,062	-	90	297	8,122	8,122	219	7,773	14	116
1995		9,612	-	70	344	9,441	9,441	225	9,069	16	130
1996		11,277	-	405	385	10,806	10,806	256	10,439	17	95
1997		12,504	-	1,617	499	11,345	11,345	307	10,933	7	97
1998		12,087	34	2,482	455	9,712	9,712	391	9,178	7	136
1999		11,949	62	1,792	500	9,347	10,156	348	9,723	6	79
2000		12,115	118	2,364	589	9,918	9,918	347	9,498	3	69
2001		12,163	335	2,570	554	9,969	9,969	424	9,456	5	84
2002		12,233	641	2,468	542	10,187	10,187	492	9,592	17	86
2003		11,613	328	2,152	528	9,616	9,616	320	9,197	10	89
2004		12,002	194	2,913	515	9,245	9,245	331	8,829	4	82
2005		11,737	12	2,308	500	9,469	9,601	332	9,178	4	86
2006		12,667	-	3,168	512	9,519	9,519	301	9,126	1	91
2007		12,435	-	2,438	532	9,937	9,936	256	9,608	3	70
2008		14,764	-	4,914	421	10,006	10,005	248	9,682	5	71
2009		17,278	-	6,389	509	10,473	10,472	249	10,132	8	83
2010		17,776	-	6,254	611	10,959	10,958	240	10,623	11	84
2011		19,652	-	8,509	509	11,061	11,061	247	10,723	17	73
2012		21,842	13	10,094	811	11,409	11,409	239	11,069	17	84
2013[p]		21,465	273	10,177	805	11,672	11,672	247	11,314	16	95
2012	7	1,874	-	769	735	1,024	1,024	21	992	1	9
	8	1,892	-	798	810	1,009	1,009	20	980	2	8
	9	1,833	-	912	771	966	966	21	937	1	7
	10	1,916	1	870	827	998	997	22	967	1	7
	11	1,901	4	1,042	724	967	967	20	940	1	7
	12	1,916	8	891	811	959	959	19	931	1	8
2013[p]	1	1,892	72	932	828	953	952	17	927	1	7
	2	1,709	1	899	822	830	830	15	808	1	7
	3	1,811	0	853	836	973	973	17	948	1	7
	4	1,545	32	828	670	933	933	20	903	1	8
	5	1,748	-	742	704	991	991	27	955	1	8
	6	1,672	57	854	635	938	938	24	903	1	10
	7	1,687	53	647	770	990	990	20	960	1	8
	8	1,615	18	666	652	1,138	1,138	21	1,108	1	8
	9	1,723	40	715	740	985	985	23	954	1	7
	10	2,125	-	1,052	803	978	978	22	946	1	8
	11	2,007	-	984	865	971	971	20	943	1	8
	12	1,932	-	1,005	805	992	992	22	959	1	9
2014[p]	1	1,929	-	904	907	925	925	14	902	1	7
	2	1,785	-	980	906	849	849	14	826	1	7
	3	2,014	-	1,130	846	971	971	19	942	2	9
	4	1,797	-	926	790	925	925	20	893	2	11
	5	1,832	-	960	756	1,016	1,016	26	977	2	10
	6	1,701	-	674	801	959	959	24	922	1	13
	7	1,816	-	848	777	996	996	22	962	2	10
2013[p]	1-7	12,063	215	5,755	770	6,608	6,608	140	6,404	9	55
2014[p]	1-7	12,873	-	6,423	777	6,640	6,640	140	6,423	10	67

1. 1차에너지 공급량
자료: 한국석유공사-PEDSIS

1. Primary energy supply.
Source: Korea National Oil Corporation-PEDSIS

3.10 경유 수급 Gas/Diesel oil supply and demand

		생산 Production	수입 Import	수출 Export	재고 Stock	공급[1] Supply	소비 Consumption 합계 Total	산업 Industry	수송 Transport	가정 Residential	상업·공공 Commercial/Public
		1,000 kℓ									
1990		15,033	2,160	1,662	527	15,493	...	...	...	...	...
1991		20,234	1,718	3,285	760	18,207	17,880	3,768	9,560	1,201	3,352
1992		24,257	919	4,312	1,075	20,260	19,613	3,929	10,412	1,650	3,622
1993		26,704	1,785	5,677	1,273	21,943	21,604	4,619	12,433	2,046	2,505
1994		26,875	2,772	5,455	1,362	23,413	22,953	4,435	12,200	1,983	4,335
1995		28,761	5,118	6,748	1,767	25,932	24,962	4,659	13,738	2,136	4,429
1996		34,411	2,948	8,618	1,875	27,410	25,763	4,932	14,752	2,168	3,909
1997		41,999	498	14,898	1,949	26,517	25,136	5,055	14,386	1,637	4,057
1998		36,964	349	17,367	1,631	19,137	18,840	3,736	11,380	624	3,100
1999		34,765	367	14,047	1,534	20,043	19,869	3,654	12,744	436	3,034
2000		36,248	448	15,370	1,630	20,577	20,498	3,987	14,439	138	1,934
2001		34,800	1,062	14,379	1,416	21,013	20,964	4,001	15,100	70	1,794
2002		33,027	2,055	12,120	1,130	21,947	21,836	3,687	16,401	260	1,487
2003		32,222	1,771	9,669	1,162	23,111	22,743	3,359	17,507	472	1,406
2004		33,792	682	10,817	1,423	22,862	22,810	4,168	16,745	1,231	665
2005		36,720	304	13,655	1,180	22,660	22,470	2,899	17,790	1,148	633
2006		37,894	251	14,550	1,328	22,645	22,613	3,264	17,819	773	757
2007		40,254	122	16,371	1,621	23,105	23,075	3,336	18,148	817	775
2008		42,047	59	20,817	1,363	21,385	21,353	2,985	16,985	650	732
2009		41,608	133	19,948	1,186	21,035	21,012	3,067	16,546	625	775
2010		42,670	121	20,789	1,322	21,407	21,368	3,233	16,723	570	842
2011		46,468	151	25,307	1,177	21,329	21,232	3,193	16,663	573	803
2012		49,243	760	28,055	1,491	21,737	21,556	3,112	16,997	558	889
2013[p]		47,342	1,367	26,035	1,517	22,738	22,619	3,276	17,869	612	862
2012	7	4,348	85	2,499	1,412	1,854	1,839	240	1,508	36	56
	8	4,274	136	2,216	1,836	1,814	1,799	229	1,483	29	59
	9	3,930	149	2,751	1,487	1,708	1,703	227	1,377	34	65
	10	4,219	127	2,446	1,504	1,876	1,870	264	1,481	46	79
	11	4,198	91	2,506	1,353	1,933	1,919	300	1,482	57	80
	12	4,418	89	2,375	1,491	1,983	1,952	367	1,410	64	112
2013[p]	1	4,381	132	2,541	1,648	1,829	1,814	262	1,399	53	101
	2	3,759	158	2,293	1,711	1,572	1,565	280	1,159	41	84
	3	3,885	128	2,453	1,370	1,897	1,889	231	1,520	53	85
	4	3,620	182	1,892	1,374	1,891	1,877	255	1,497	59	66
	5	3,614	194	2,154	1,127	1,920	1,904	244	1,547	48	65
	6	4,054	134	2,079	1,299	1,955	1,939	280	1,550	46	63
	7	3,794	78	1,648	1,738	1,843	1,833	229	1,503	45	55
	8	3,788	73	2,111	1,488	1,999	1,984	196	1,682	58	47
	9	3,731	105	2,156	1,487	1,674	1,672	232	1,345	42	52
	10	4,049	58	2,176	1,426	1,985	1,978	300	1,561	48	68
	11	4,213	72	2,578	1,106	2,025	2,021	331	1,548	61	82
	12	4,455	53	1,955	1,517	2,149	2,144	435	1,557	58	94
2014[p]	1	4,078	70	2,260	1,653	1,767	1,765	226	1,405	52	81
	2	3,940	89	2,127	1,873	1,693	1,692	285	1,277	46	84
	3	4,245	79	2,524	1,736	1,935	1,931	256	1,536	54	85
	4	3,755	60	2,081	1,553	1,900	1,898	279	1,483	59	77
	5	4,249	80	2,459	1,485	1,961	1,960	275	1,569	49	68
	6	3,909	56	2,023	1,508	1,941	1,939	246	1,562	46	85
	7	4,269	68	2,196	1,707	1,944	1,942	240	1,584	48	70
2013[p]	1-7	27,107	1,007	15,059	1,738	12,907	12,820	1,781	10,175	345	519
2014[p]	1-7	28,444	501	15,670	1,707	13,140	13,126	1,807	10,414	355	550

1. 1차에너지 공급량
자료: 한국석유공사-PEDSIS

1. Primary energy supply.
Source: Korea National Oil Corporation-PEDSIS

3.11 등유 수급 Kerosene supply and demand

		생산 Production	수입 Import	수출 Export	재고 Stock	공급[1] Supply	소비 Consumption 합계 Total	산업 Industry	수송 Transport	가정 Residential	상업·공공 Commercial/ Public
		1,000 kℓ									
1990		2,152	2,777	15	991	3,965	...	...	...	...	...
1991		2,161	1,553	-	309	4,070	4,069	761	24	1,892	1,392
1992		4,660	1,429	1	521	5,445	5,444	812	38	2,925	1,668
1993		5,074	2,546	1	795	6,878	6,877	1,288	167	3,956	1,466
1994		5,136	2,717	74	947	7,605	7,604	885	35	4,333	2,351
1995		6,665	3,714	90	1,001	9,963	9,963	1,158	36	5,834	2,934
1996		8,156	4,401	463	1,276	11,711	11,707	1,192	47	7,126	3,341
1997		11,431	2,507	1,630	998	13,518	13,514	2,239	45	7,020	4,210
1998		9,937	811	1,105	1,232	9,771	9,759	1,859	56	4,620	3,224
1999		14,388	427	2,383	1,261	10,125	12,053	1,357	25	6,297	4,373
2000		13,958	1,092	3,160	1,712	11,114	10,962	1,310	14	6,250	3,388
2001		11,897	844	2,863	1,378	9,810	9,730	1,043	21	6,185	2,480
2002		9,801	1,100	1,622	782	9,295	9,126	1,071	36	5,574	2,444
2003		10,070	1,053	2,090	978	8,406	8,124	951	30	4,866	2,276
2004		7,861	272	1,223	707	6,851	6,735	906	17	3,981	1,831
2005		6,883	57	708	449	6,263	5,577	827	12	3,285	1,452
2006		6,421	41	757	753	5,000	4,833	749	10	2,861	1,212
2007		4,513	82	199	577	4,161	4,039	696	8	2,353	982
2008		4,915	60	381	383	4,397	4,296	685	8	2,509	1,093
2009		5,169	11	863	367	4,132	4,020	662	8	2,281	1,069
2010		6,150	53	1,027	478	4,667	4,563	792	13	2,531	1,226
2011		5,520	66	1,424	386	4,043	3,986	676	13	2,328	968
2012		4,231	24	1,205	317	3,499	3,454	586	20	2,057	791
2013[p]		3,418	16	1,063	369	2,992	2,951	520	8	1,744	679
2012	7	95	-	13	489	122	118	27	1	59	31
	8	243	-	54	473	147	142	44	1	66	31
	9	157	-	60	327	185	184	41	1	103	38
	10	281	-	12	344	316	312	70	1	177	64
	11	555	5	131	394	393	391	65	2	237	86
	12	671	8	256	317	578	574	88	3	355	129
2013[p]	1	932	6	374	412	547	543	71	2	347	123
	2	653	3	301	505	332	329	48	2	206	74
	3	181	4	45	492	228	227	33	1	140	53
	4	54	2	6	363	199	192	29	0	117	46
	5	76	-	9	325	123	117	20	0	66	31
	6	65	-	10	332	101	100	20	0	50	29
	7	126	-	5	364	94	89	24	0	41	23
	8	37	-	6	313	138	131	40	0	61	29
	9	186	-	75	342	155	154	37	0	84	32
	10	251	-	61	352	264	263	63	0	146	54
	11	400	-	68	387	371	369	62	1	220	87
	12	456	-	104	369	439	436	72	1	265	98
2014[p]	1	407	9	77	376	388	385	51	2	245	87
	2	269	2	67	378	261	257	37	1	159	60
	3	222	6	46	403	193	192	27	1	120	44
	4	195	1	79	425	112	112	18	1	65	28
	5	25	-	13	318	91	91	16	0	51	24
	6	71	-	13	279	74	73	15	0	36	22
	7	89	1	4	295	84	84	21	0	40	23
2013[p]	1-7	2,089	16	749	364	1,625	1,597	246	5	968	378
2014[p]	1-7	1,278	18	298	295	1,203	1,195	185	5	717	288

1. 1차에너지 공급량
주: 실내등유와 보일러 등유의 합계
자료: 한국석유공사-PEDSIS

1. Primary energy supply.
Note: Sum of kerosene and heating oil.
Source: Korea National Oil Corporation-PEDSIS

3.12 중유 수급 Fuel oil supply and demand

		생산 roduction	수입 Import	수출 Export	재고 Stock	공급[1] Supply	소비 Consumption 합계 Total	산업 Industry	수송 Transport	가정 Residential	상업·공공 Commercial/ Public
		1,000 kℓ									
1990		16,366	4,397	1,922	576	17,278	...	...	...	...	...
1991		23,559	5,439	6,030	984	20,180	13,672	10,181	1,589	932	970
1992		28,518	5,449	8,062	1,492	22,971	15,132	11,202	1,925	993	1,012
1993		30,067	5,187	7,900	1,318	23,853	16,115	11,447	2,439	797	1,432
1994		31,221	5,642	6,372	1,773	26,098	17,396	12,544	2,796	1,134	921
1995		33,268	3,947	6,397	1,630	26,642	17,394	12,112	3,242	1,145	896
1996		34,167	4,633	6,848	1,781	26,721	17,936	12,452	3,546	1,034	905
1997		37,852	4,254	7,988	2,016	26,191	18,148	11,119	5,395	787	848
1998		33,403	2,055	9,577	1,723	17,591	14,052	9,238	3,879	562	373
1999		38,248	2,623	13,096	1,664	19,175	15,260	10,346	3,994	531	389
2000		36,640	3,992	11,472	1,855	20,624	14,297	9,410	4,020	518	348
2001		35,874	3,548	10,654	1,951	20,361	13,378	8,739	3,839	468	332
2002		30,068	3,768	5,568	1,845	19,316	13,269	8,569	3,919	456	325
2003		32,433	2,199	7,287	1,630	18,414	12,627	7,880	3,971	432	344
2004		32,110	1,317	7,240	1,873	16,690	11,733	7,461	3,665	325	282
2005		33,569	639	8,914	1,487	15,980	10,928	6,628	3,671	303	326
2006		32,971	1,389	9,263	1,708	15,404	10,728	6,048	3,987	302	391
2007		29,289	940	6,789	1,498	14,755	9,929	5,398	3,717	276	539
2008		23,939	1,143	5,597	1,517	11,128	8,385	4,497	3,282	245	362
2009		19,806	3,157	4,037	1,449	11,038	7,364	3,937	2,961	231	236
2010		20,059	2,779	4,064	1,595	10,381	7,002	3,647	2,943	201	211
2011		19,860	2,447	5,439	1,786	8,744	6,362	2,969	3,048	172	172
2012		16,314	4,316	4,465	1,684	8,666	5,163	2,058	2,839	133	133
2013[p]		12,633	7,040	3,505	1,673	7,372	3,749	1,432	2,097	97	124
2012	7	1,318	306	305	1,715	773	428	166	251	3	8
	8	1,428	329	380	1,819	674	363	140	210	4	8
	9	1,265	406	462	1,975	495	375	141	221	4	11
	10	1,452	175	577	1,708	577	352	125	215	4	8
	11	1,247	413	399	1,630	705	406	142	241	12	12
	12	1,353	611	391	1,684	781	406	154	218	20	14
2013[p]	1	1,294	485	214	1,743	774	421	162	220	23	16
	2	1,085	523	190	1,876	637	352	135	186	18	13
	3	1,014	431	290	1,722	582	334	104	213	9	8
	4	957	532	175	1,700	641	307	109	175	8	15
	5	1,003	552	243	1,844	523	271	110	150	4	6
	6	1,023	581	407	1,801	628	315	117	187	3	7
	7	1,413	544	498	2,011	654	293	105	168	1	19
	8	1,221	728	531	2,019	634	272	101	164	2	5
	9	987	410	343	1,663	483	259	109	141	2	6
	10	819	578	234	1,546	538	279	115	152	4	8
	11	976	708	265	1,566	620	303	126	161	8	9
	12	840	970	116	1,673	658	343	137	179	15	12
2014[p]	1	843	957	146	1,851	563	315	116	173	12	14
	2	653	728	148	1,815	537	288	111	158	10	10
	3	917	755	206	1,899	585	307	114	177	7	9
	4	697	741	187	1,921	452	304	117	174	5	9
	5	897	621	187	1,957	443	294	108	177	3	8
	6	679	605	162	1,764	422	283	108	161	2	11
	7	894	557	211	1,827	448	263	100	156	1	7
2013[p]	1-7	7,790	3,646	2,017	2,011	4,439	2,293	843	1,299	66	85
2014[p]	1-7	5,579	4,965	1,246	1,827	3,449	2,054	773	1,175	38	68

1. 1차에너지 공급량
주: 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계
자료: 한국석유공사-PEDSIS

1. Primary energy supply.
Note: Sum of Bunker-A, Bunker-B, and Bunker-C.
Source: Korea National Oil Corporation-PEDSIS

3.13 액화석유가스(LPG) 수급 LPG supply and demand

		생산 Production	수입 Import	수출 Export	재고 Stock	공급[1] Supply	소비 Consumption 합계 Total	산업 Industry	수송 Transport	가정 Residential	상업·공공 Commercial/ Public
		1,000 ton									
1990		1,065	2,247	94	203	3,020	...	...	...	...	...
1991		1,131	2,503	116	143	3,637	3,266	368	1,076	1,807	14
1992		1,296	3,298	58	217	4,563	4,038	842	1,178	1,971	48
1993		1,234	3,798	117	196	5,022	4,298	2,336	1,258	399	305
1994		1,303	4,044	116	91	5,365	4,544	996	1,410	2,111	28
1995		1,399	4,398	248	79	5,593	4,568	860	1,496	2,189	23
1996		1,390	4,578	300	72	5,760	4,809	885	1,577	2,327	21
1997		1,835	4,739	385	352	6,035	5,403	1,314	1,686	2,371	32
1998		2,428	4,075	887	333	5,769	5,432	1,569	1,771	1,890	201
1999		2,673	4,790	1,158	259	6,552	6,188	1,700	2,202	2,124	162
2000		3,091	4,677	688	262	7,261	7,002	1,625	2,926	2,335	117
2001		3,498	4,059	416	217	7,296	7,144	1,418	3,344	2,282	100
2002		3,603	4,745	247	412	7,903	7,767	1,710	3,584	2,338	136
2003		3,395	4,276	247	459	7,690	7,615	1,567	3,742	2,180	127
2004		3,430	4,037	83	538	7,705	7,633	1,699	3,869	1,951	113
2005		3,312	4,205	62	432	7,983	7,750	1,795	3,964	939	1,052
2006		3,190	4,606	66	409	8,158	8,091	2,038	4,105	838	1,110
2007		3,013	4,983	45	259	8,493	8,431	2,153	4,366	873	1,038
2008		3,037	5,448	31	221	8,931	8,754	2,694	4,381	806	873
2009		3,065	5,723	10	190	9,290	9,092	2,906	4,500	805	881
2010		2,823	6,008	74	222	9,156	8,761	2,669	4,468	794	830
2011		1,583	6,366	75	267	8,636	8,110	2,268	4,249	769	823
2012		1,476	6,018	147	235	8,307	7,712	2,082	4,104	660	866
2013[p]		1,739	5,705	70	165	8,136	7,998	2,459	4,013	722	804
2012	7	160	447	0	261	689	662	217	358	34	53
	8	146	463	0	193	761	729	230	390	43	65
	9	105	506	2	217	664	645	199	344	42	61
	10	102	365	5	140	607	595	149	336	45	65
	11	85	550	25	211	609	602	136	329	58	79
	12	112	539	33	235	668	655	143	334	79	99
2013[p]	1	138	506	12	267	664	650	140	326	86	99
	2	136	439	14	264	626	575	130	299	67	80
	3	148	456	21	202	714	704	225	338	64	77
	4	134	539	14	257	660	651	214	312	60	65
	5	147	530	1	270	714	707	250	341	57	59
	6	153	414	-	215	679	674	231	343	46	54
	7	175	529	2	286	692	687	210	367	51	60
	8	162	380	0	201	680	676	235	360	38	43
	9	143	428	0	169	656	652	221	332	50	49
	10	127	480	1	157	674	668	235	323	53	58
	11	135	513	1	168	687	679	202	332	71	75
	12	140	492	5	165	690	675	167	340	81	87
2014[p]	1	169	511	44	270	594	586	118	306	75	87
	2	158	367	31	247	572	568	145	283	64	76
	3	182	417	12	262	637	632	188	312	60	71
	4	170	459	5	273	644	639	205	310	60	65
	5	180	440	3	246	682	678	254	318	51	55
	6	143	448	3	172	718	713	290	324	45	54
	7	197	514	1	202	721	716	286	334	43	53
2013[p]	1-7	1,032	3,413	63	286	4,748	4,647	1,400	2,324	430	493
2014[p]	1-7	1,199	3,156	99	202	4,569	4,533	1,487	2,186	398	462

1. 1차에너지 공급량
주: 부탄과 프로판의 합계
자료: 한국석유공사-PEDSIS

1. Primary energy supply.
Note: Sum of butane and propane.
Source: Korea National Oil Corporation-PEDSIS

3.14 납사 수급 Naphtha supply and demand

		생산 Production	수입 Import	수출 Export	재고 Stock	공급[1] Supply	소비 Consumption 합계 Total	산업 Industry	수송 Transport	가정 Residential	상업·공공 Commercial/ Public
		1,000 ton									
1990		3,861	1,676	362	185	5,173	...	...	...	...	...
1991		5,771	2,705	612	334	7,144	7,144	7,144	-	-	-
1992		7,099	5,216	591	696	10,570	10,570	10,570	-	-	-
1993		7,123	6,790	1,124	731	11,812	11,812	11,812	-	-	-
1994		7,394	7,851	995	681	13,411	13,411	13,411	-	-	-
1995		9,608	7,815	2,321	579	14,303	14,303	14,303	-	-	-
1996		11,219	8,725	3,347	737	15,369	15,369	15,369	-	-	-
1997		16,788	8,630	4,019	879	21,205	21,205	21,205	-	-	-
1998		16,735	11,434	4,879	868	23,265	23,265	23,265	-	-	-
1999		17,890	11,001	5,028	673	23,815	23,815	23,815	-	-	-
2000		18,169	12,106	5,314	753	24,917	24,917	24,915	-	-	2
2001		17,697	13,026	5,573	996	25,379	25,379	25,379	-	-	-
2002		17,832	13,263	4,889	829	26,687	26,687	26,687	-	-	-
2003		16,201	14,358	3,369	639	27,460	27,460	27,460	-	-	-
2004		18,259	14,291	3,390	1,194	28,597	28,597	28,597	-	-	-
2005		19,187	13,413	2,806	1,257	29,726	29,706	29,706	-	-	-
2006		19,916	13,812	3,045	1,159	31,223	31,223	31,223	-	-	-
2007		21,405	15,640	3,201	1,048	34,470	34,470	34,470	-	-	-
2008		18,901	16,686	2,493	1,065	33,873	33,873	33,873	-	-	-
2009		17,304	19,673	2,890	906	35,097	35,097	35,097	-	-	-
2010		18,464	20,517	3,493	961	36,098	36,098	36,098	-	-	-
2011		21,225	20,507	3,850	958	38,641	38,641	38,641	-	-	-
2012		22,530	22,567	3,621	1,283	41,840	41,840	41,840	-	-	0
2013[p]		22,589	22,660	4,303	1,384	41,802	41,802	41,802	-	-	-
2012	7	1,908	1,714	312	1,209	3,461	3,461	3,461	-	-	-
	8	1,832	1,917	319	1,042	3,444	3,444	3,444	-	-	-
	9	1,830	2,246	342	1,213	3,628	3,628	3,628	-	-	-
	10	1,818	1,795	288	1,032	3,600	3,600	3,600	-	-	-
	11	1,797	2,184	320	1,131	3,630	3,630	3,630	-	-	-
	12	1,988	2,019	325	1,283	3,605	3,605	3,605	-	-	-
2013[p]	1	2,062	1,956	381	1,226	3,757	3,757	3,757	-	-	-
	2	1,944	1,614	358	1,157	3,373	3,373	3,373	-	-	-
	3	1,923	2,107	433	1,357	3,503	3,503	3,503	-	-	-
	4	1,582	1,973	383	1,348	3,213	3,213	3,213	-	-	-
	5	1,780	1,747	375	1,226	3,346	3,346	3,346	-	-	-
	6	1,875	1,961	372	1,412	3,339	3,339	3,339	-	-	-
	7	2,041	1,821	382	1,303	3,616	3,616	3,616	-	-	-
	8	1,929	1,878	425	1,276	3,576	3,576	3,576	-	-	-
	9	1,878	1,909	382	1,285	3,480	3,480	3,480	-	-	-
	10	1,869	1,823	228	1,458	3,376	3,376	3,376	-	-	-
	11	1,838	1,707	330	1,251	3,499	3,499	3,499	-	-	-
	12	1,869	2,165	256	1,384	3,724	3,724	3,724	-	-	-
2014[p]	1	1,759	2,237	328	1,335	3,845	3,845	3,845	-	-	-
	2	1,669	1,804	198	1,304	3,420	3,420	3,420	-	-	-
	3	1,878	2,161	328	1,434	3,695	3,695	3,695	-	-	-
	4	1,706	1,575	199	1,170	3,447	3,447	3,447	-	-	-
	5	1,819	2,055	205	1,293	3,605	3,605	3,605	-	-	-
	6	1,911	1,566	243	1,291	3,346	3,346	3,346	-	-	-
	7	2,049	1,639	355	1,316	3,491	3,491	3,491	-	-	-
2013[p]	1-7	13,206	13,178	2,683	1,303	24,147	24,147	24,147	-	-	-
2014[p]	1-7	12,790	13,037	1,857	1,316	24,849	24,849	24,849	-	-	-

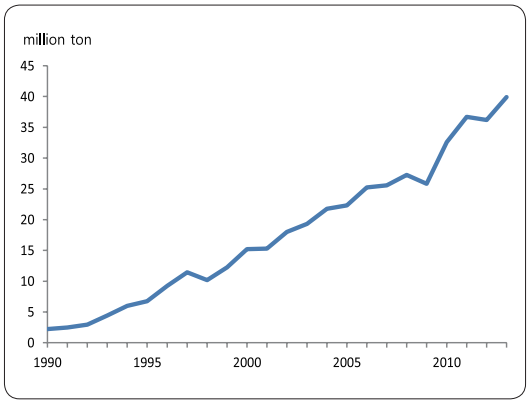
자료: 한국석유공사-PEDSIS Source: Korea National Oil Corporation-PEDSIS

4. 가 스

Natural gas & City gas

▢ 천연가스 수입 Natural gas import

<1990~2013>



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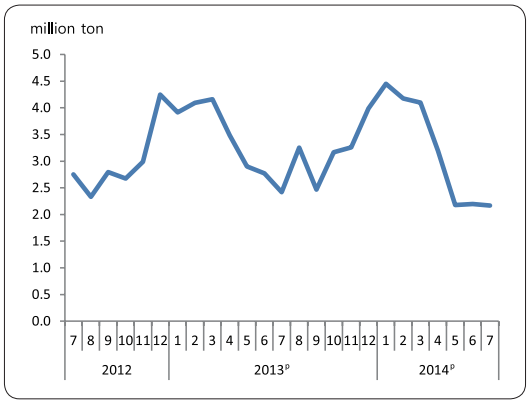
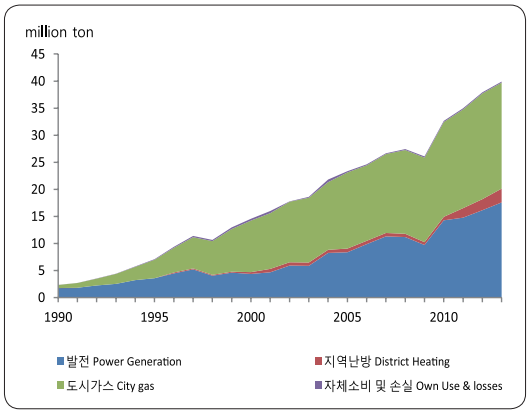


▢ 천연가스 소비 Natural gas consumption

<1990~2013>



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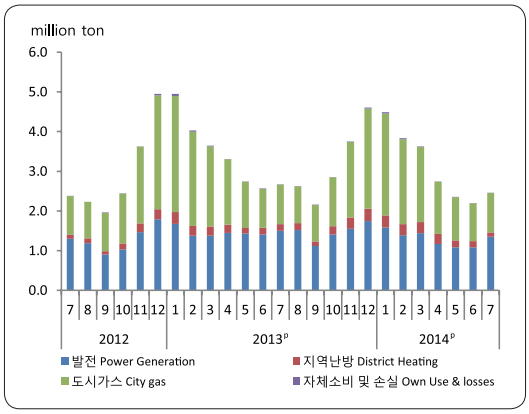
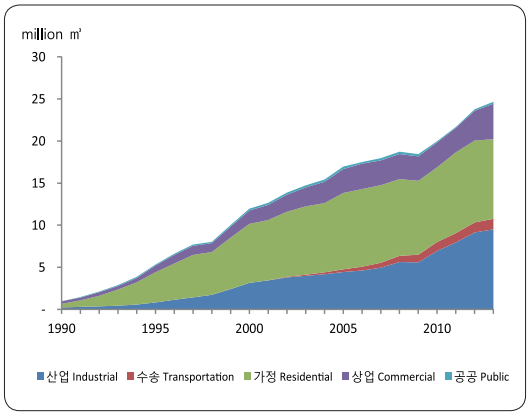


▢ 도시가스 소비 City gas consumption

<1990~2013>



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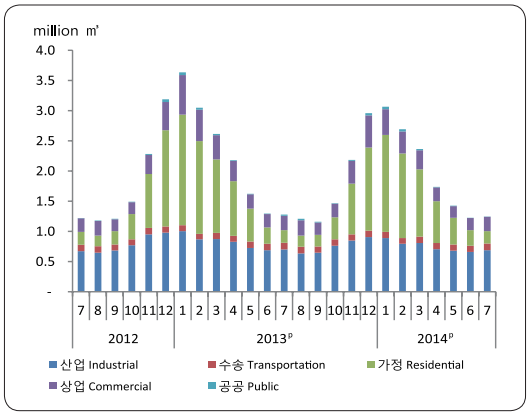


4.1. 천연가스 수입 Natural gas import

		카고수[1] No. of cargos	수입액 Import value	수입량 Import volume 합계 Total	카타르 Qatar	인도네시아 Indonesia	오만 Oman	말레이시아 Malaysia	기타[2] Other
		unit	million US$	1,000 ton					
1990		41	460	2,237	-	2,237	-	0	-
1991		49	485	2,494	-	2,436	-	58	-
1992		61	562	2,994	-	2,935	-	58	-
1993		79	781	4,459	-	4,112	-	290	57
1994		105	961	5,996	-	5,433	-	292	271
1995		125	1,275	6,756	-	4,892	-	1,040	824
1996		168	1,878	9,258	-	5,975	-	2,573	710
1997		205	2,296	11,471	-	6,730	-	3,928	813
1998		188	1,549	10,189	-	6,736	-	2,851	602
1999		227	1,973	12,284	480	7,943	-	3,046	815
2000		248	3,882	15,239	3,251	6,633	1,619	2,529	1,208
2001		270	3,990	15,318	4,655	4,055	3,784	2,175	648
2002		298	4,120	17,993	5,123	5,256	3,970	2,400	1,243
2003		326	5,082	19,308	5,694	5,200	4,714	2,798	902
2004		371	6,552	21,781	5,818	5,290	4,411	4,638	1,624
2005		374	8,646	22,317	6,211	5,502	4,244	4,688	1,674
2006		410	11,925	25,256	6,458	5,060	5,221	5,546	2,971
2007		413	12,653	25,569	8,031	3,755	4,792	6,161	2,829
2008		460	19,806	27,259	8,744	3,053	4,544	6,247	4,671
2009		384	13,875	25,822	6,973	3,084	4,551	5,874	5,339
2010		504	17,006	32,603	7,449	5,451	4,557	4,745	10,402
2011		532	23,859	36,685	8,153	7,894	4,195	4,144	12,298
2012		538	27,364	36,184	10,278	7,445	4,127	4,082	10,251
2013[p]		590	30,645	39,876	13,354	5,627	4,331	4,314	12,250
2012	7	41	2,257	2,751	967	516	243	113	912
	8	33	1,893	2,333	667	458	363	297	548
	9	39	2,142	2,794	868	442	304	476	705
	10	42	1,808	2,677	596	484	302	530	765
	11	44	2,010	2,988	695	549	425	657	662
	12	57	3,250	4,245	1,472	520	485	290	1,479
2013[p]	1	67	3,028	3,916	1,410	444	494	456	1,112
	2	60	3,195	4,094	1,488	395	424	280	1,508
	3	57	3,293	4,162	1,823	582	426	339	991
	4	50	2,598	3,484	1,175	437	304	461	1,107
	5	42	2,203	2,899	896	577	303	230	894
	6	43	2,154	2,771	934	296	368	346	827
	7	35	1,876	2,418	784	345	362	170	757
	8	47	2,497	3,256	811	630	308	466	1,040
	9	39	1,914	2,465	869	507	307	114	668
	10	42	2,383	3,167	1,207	324	306	457	873
	11	50	2,469	3,258	844	512	367	466	1,069
	12	58	3,034	3,986	1,113	577	363	529	1,403
2014[p]	1	68	3,594	4,451	1,430	503	490	480	1,548
	2	57	3,585	4,177	1,854	514	307	226	1,277
	3	58	3,513	4,097	2,092	492	367	226	920
	4	43	2,730	3,194	1,068	619	367	339	801
	5	31	1,853	2,177	525	471	121	112	948
	6	35	1,898	2,197	644	301	244	235	773
	7	30	1,841	2,168	776	486	248	117	541
2013[p]	1-7	354	18,348	23,744	8,510	3,076	2,681	2,282	7,196
2014[p]	1-7	322	19,015	22,460	8,388	3,387	2,143	1,735	6,808

1. 1카고는 58,000톤
2. 나이지리아, 예맨, 브루나이, 페루, 적도기니 등
자료: 한국가스공사, 한국무역협회

1. 1 cargo is 58,000 tons.
2. Nigeria, Yemen, Brunei, Peru, Equatorial Guinea etc.
Source: Korea Gas Corporation, Korea International Trade Association

4.2 천연가스 생산 및 소비 Natural gas production and consumption

		국내생산 Domestic production	소비 Consumption 합계[1] Total	발전 Power generation	지역난방 District heating	도시가스 City gas	자체소비 및 손실 Own use and loss	재고 Stock
		1,000 ton						
1990		-	2,329	1,741	-	576	12	46
1991		-	2,694	1,800	-	879	15	110
1992		-	3,524	2,225	-	1,256	43	67
1993		-	4,402	2,518	-	1,847	37	97
1994		-	5,860	3,215	-	2,451	80	157
1995		-	7,087	3,562	-	3,417	108	103
1996		-	9,363	4,449	173	4,561	179	369
1997		-	11,379	5,198	179	5,770	232	605
1998		-	10,645	4,030	160	6,233	222	527
1999		-	12,961	4,591	177	7,886	306	539
2000		-	14,557	4,353	335	9,528	340	591
2001		-	15,990	4,657	630	10,300	403	738
2002		-	17,768	5,900	609	11,194	65	426
2003		-	18,610	5,853	615	11,978	165	1,063
2004		-	21,809	8,242	576	12,504	487	1,602
2005		398	23,350	8,359	685	14,077	229	959
2006		355	24,619	9,860	619	13,957	183	1,936
2007		271	26,664	11,296	631	14,596	141	1,099
2008		181	27,439	11,175	603	15,489	173	2,558
2009		383	26,083	9,705	524	15,634	220	1,728
2010		415	33,083	14,268	651	17,522	213	2,667
2011		347	35,603	14,759	1,760	18,255	214	3,323
2012		334	38,485	16,132	2,046	19,558	200	1,840
2013[p]		355	40,278	17,577	2,552	19,596	195	2,237
2012	7	25	2,441	1,300	110	966	7	2,728
	8	24	2,295	1,192	121	923	- 0	2,674
	9	22	1,989	904	82	970	10	3,340
	10	17	2,470	1,036	150	1,255	5	3,563
	11	13	3,654	1,469	217	1,936	7	2,786
	12	43	4,973	1,790	255	2,868	34	1,840
2013[p]	1	41	4,975	1,679	298	2,924	49	1,385
	2	35	4,058	1,379	245	2,372	34	1,576
	3	36	3,667	1,379	232	2,013	21	2,085
	4	33	3,335	1,449	205	1,646	6	2,244
	5	33	2,770	1,438	136	1,165	3	2,401
	6	14	2,606	1,409	168	981	15	2,670
	7	29	2,716	1,499	171	1,000	4	2,434
	8	30	2,659	1,517	176	930	7	2,840
	9	27	2,188	1,119	114	917	10	3,363
	10	27	2,885	1,411	206	1,231	10	3,546
	11	25	3,778	1,552	287	1,900	9	3,081
	12	25	4,642	1,746	315	2,518	30	2,237
2014[p]	1	26	4,511	1,583	308	2,563	32	2,407
	2	22	3,860	1,389	281	2,138	26	2,562
	3	24	3,658	1,445	278	1,892	14	3,220
	4	22	2,749	1,171	255	1,312	4	3,418
	5	8	2,363	1,084	174	1,092	5	3,281
	6	23	2,213	1,086	155	954	2	3,526
	7	22	2,485	1,354	106	992	5	3,208
2013[p]	1-7	221	24,126	10,231	1,455	12,101	130	2,434
2014[p]	1-7	149	21,840	9,111	1,557	10,943	89	3,208

1. 산업부문 소비 포함.
자료: 한국가스공사

1. Include industry consumption.
Source: Korea Gas Corporation

4.3 도시가스 수급 City Gas supply and demand

		원료 Raw materials		생산[1]	소비 Consumption					
		프로판 Propane	LNG	Production	합계 Total	산업 Industry	수송 Transportation	가정 Residential	상업 Commercial	공공 Public
		1,000 ton	million m³							
1990		207	707	968	963	223	-	433	307	-
1991		364	1,081	1,450	1,467	298	-	771	333	64
1992		521	1,544	2,139	2,114	359	-	1,251	425	78
1993		705	2,262	3,071	2,883	438	-	1,920	413	112
1994		815	2,993	3,917	3,864	572	-	2,637	518	136
1995		1,015	4,219	5,383	5,327	822	-	3,588	799	119
1996		905	5,679	6,739	6,607	1,139	-	4,300	1,022	145
1997		644	6,991	7,857	7,708	1,425	-	5,045	1,085	154
1998		338	7,675	8,080	8,024	1,725	-	5,087	1,059	152
1999		360	9,826	10,260	10,012	2,410	-	6,104	1,309	189
2000		245	11,631	11,924	11,963	3,151	-	7,003	1,591	218
2001		134	12,590	12,751	12,657	3,440	7	7,168	1,796	247
2002		125	13,666	13,815	13,873	3,794	76	7,723	2,030	250
2003		66	14,871	14,950	14,734	3,978	139	8,124	2,246	246
2004		67	15,280	15,360	15,420	4,173	226	8,225	2,530	266
2005		68	17,568	17,650	16,963	4,434	323	9,070	2,838	298
2006		39	17,045	17,092	17,504	4,616	452	9,224	3,021	190
2007		42	17,763	17,786	17,967	4,952	583	9,216	2,946	270
2008		44	18,871	18,921	18,734	5,624	736	9,122	2,975	277
2009		46	19,187	19,239	18,445	5,584	910	8,784	2,905	262
2010		45	21,066	21,118	19,982	6,947	1,054	8,878	2,960	144
2011		57	22,660	22,727	21,679	7,946	1,113	9,597	2,916	106
2012		56	24,262	24,327	23,776	9,135	1,200	9,720	3,546	174
2013[p]		49	24,243	24,298	24,668	9,509	1,246	9,466	4,210	236
2012	7	4	1,205	1,209	1,225	675	107	212	225	6
	8	3	1,149	1,153	1,182	651	107	173	245	6
	9	3	1,189	1,192	1,209	684	100	222	197	6
	10	3	1,479	1,482	1,494	770	101	416	199	7
	11	4	2,332	2,337	2,285	953	106	892	315	18
	12	7	3,594	3,601	3,189	982	102	1,594	467	43
2013[p]	1	7	3,655	3,663	3,634	1,004	99	1,834	652	45
	2	6	3,051	3,058	3,052	869	92	1,536	522	34
	3	4	2,625	2,630	2,617	876	102	1,217	401	21
	4	6	2,173	2,181	2,181	828	100	904	336	12
	5	5	1,685	1,691	1,622	729	105	543	239	7
	6	3	1,238	1,241	1,298	691	105	271	222	8
	7	3	1,212	1,215	1,280	703	112	206	238	21
	8	2	1,212	1,214	1,210	635	112	185	254	25
	9	2	1,079	1,080	1,160	651	102	191	206	10
	10	2	1,389	1,391	1,468	764	106	363	228	5
	11	3	1,969	1,973	2,185	849	105	840	377	14
	12	6	2,955	2,961	2,960	909	106	1,377	534	35
2014[p]	1	2	3,097	3,094	3,067	892	103	1,606	426	40
	2	1	2,623	2,621	2,694	795	95	1,401	367	36
	3	1	2,376	2,374	2,368	810	105	1,114	316	23
	4	1	1,597	1,595	1,741	705	103	693	230	11
	5	1	1,456	1,454	1,426	680	105	443	191	6
	6	1	1,286	1,284	1,228	661	104	257	199	7
	7	1	1,280	1,278	1,246	689	112	206	235	3
2013[p]	1-7	34	15,640	15,678	15,683	5,701	715	6,511	2,610	146
2014[p]	1-7	7	13,714	13,700	13,770	5,232	726	5,720	1,965	126

1. 1990, 1991년은 납사 포함.
자료: 한국도시가스협회

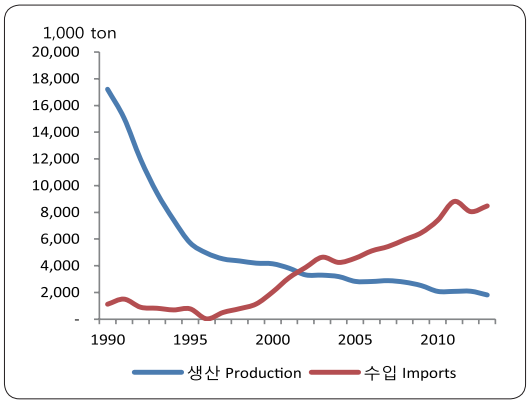
1. Figures in 1990 and 1991 include naphtha.
Source: Korea Gas Corporation

5. 석 탄

Coal

▢ 무연탄 수급 Anthracite supply and demand

<1990~2013>



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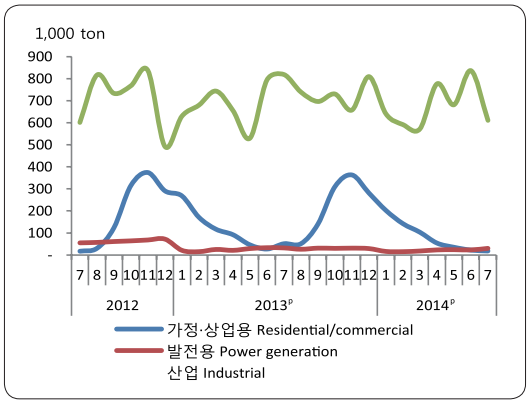
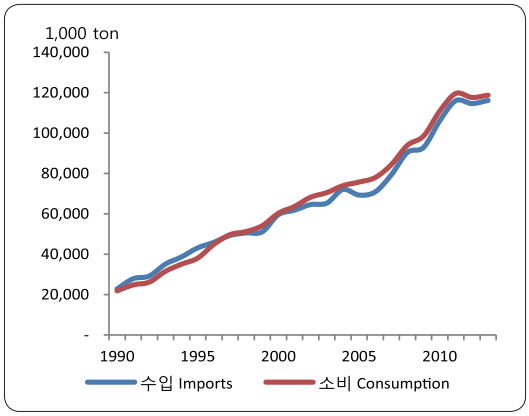


▢ 유연탄 수급 Bituminous coal supply and demand

<1990~2013>



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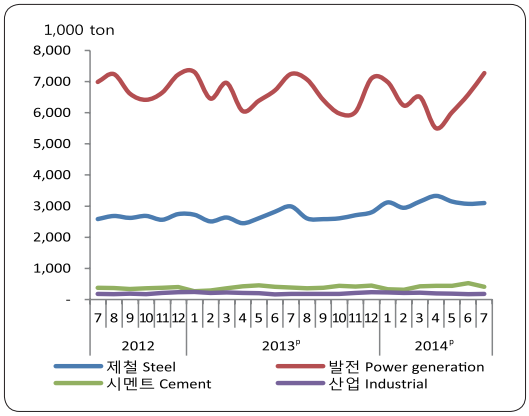
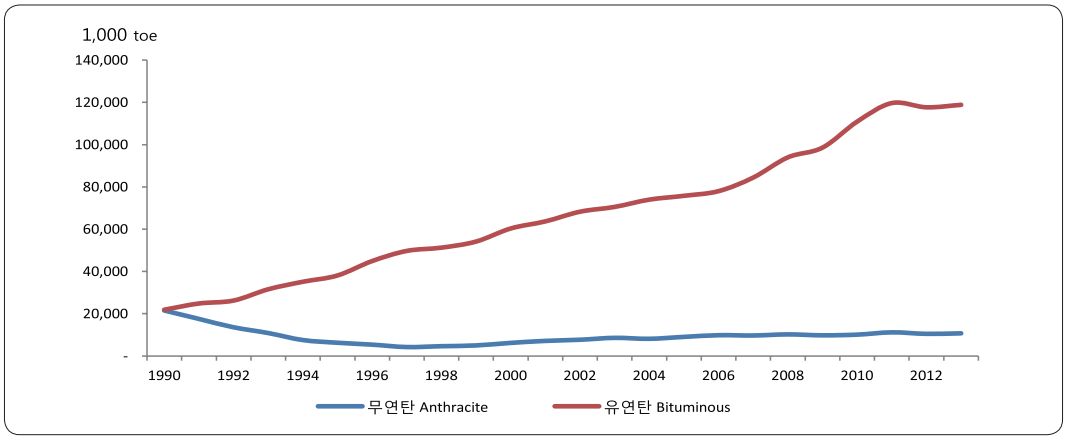


▢ 석탄 소비 Coal consumption

<1990~2013>



5.1 무연탄 수급 Anthracite supply and demand

		생산 Production	수입 Imports	소비 Consumption			재고 Stock	
				합계 Total	국내탄 Domestic coal	수입탄 Import coal	국내탄 Domestic coal	수입탄 Import coal
		1,000 ton						
1990		17,217	1,121	21,529	19,802	1,727	6,514	1,499
1991		15,058	1,505	17,557	15,938	1,619	6,859	1,413
1992		11,970	898	13,597	12,290	1,307	6,706	1,019
1993		9,443	820	10,867	9,749	1,118	6,288	819
1994		7,438	696	7,549	6,817	732	6,780	943
1995		5,720	778	6,263	5,367	896	7,422	1,086
1996		4,951	27	5,370	4,406	964	7,898	1,039
1997		4,514	507	4,230	3,659	571	8,744	976
1998		4,361	789	4,631	3,812	819	9,342	927
1999		4,197	1,139	4,992	3,803	1,189	9,863	874
2000		4,150	2,038	6,196	4,158	2,038	9,903	871
2001		3,817	3,110	7,137	4,027	3,110	9,709	867
2002		3,318	3,879	7,687	3,808	3,879	9,282	819
2003		3,298	4,640	8,581	3,924	4,657	8,728	799
2004		3,191	4,251	8,137	3,871	4,266	8,222	672
2005		2,832	4,567	9,034	4,347	4,687	6,839	549
2006		2,824	5,113	9,829	4,596	5,233	5,062	489
2007		2,886	5,444	9,698	4,035	5,663	3,953	278
2008		2,773	5,955	10,215	4,134	6,081	2,677	120
2009		2,519	6,468	9,777	3,114	6,663	2,122	116
2010		2,084	7,406	10,104	2,508	7,596	1,779	74
2011		2,084	8,817	11,182	2,239	8,943	1,663	57
2012		2,094	8,055	10,479	2,288	8,191	1,554	74
2013p		1,815	8,482	10,722	2,054	8,668	1,342	115
2012	7	174	601	673	71	602	2,011	66
	8	174	816	903	85	818	2,095	82
	9	168	733	917	174	743	2,090	85
	10	173	768	1,147	352	795	1,909	87
	11	196	837	1,279	405	874	1,702	85
	12	162	492	855	335	520	1,554	74
2013p	1	167	630	919	264	655	1,445	75
	2	135	680	866	172	694	1,409	71
	3	152	744	886	133	753	1,439	62
	4	166	655	768	105	663	1,490	70
	5	156	530	605	71	534	1,582	68
	6	141	794	854	58	796	1,669	71
	7	151	819	902	79	823	1,754	103
	8	142	739	816	71	745	1,818	108
	9	135	696	867	158	709	1,766	138
	10	161	730	1,070	308	762	1,653	112
	11	157	658	1,052	357	695	1,466	109
	12	152	809	1,119	278	841	1,342	115
2014p	1	154	640	858	185	673	1,316	113
	2	154	591	748	134	614	1,327	111
	3	166	572	693	106	587	1,386	122
	4	175	776	853	70	783	1,491	135
	5	134	681	740	54	686	1,580	148
	6	127	836	881	42	839	1,678	163
	7	141	611	659	45	614	1,776	178
2013p	1-7	1,068	4,850	5,798	882	4,916	1,754	103
2014p	1-7	1,051	4,708	5,433	636	4,797	1,776	178

자료: 대한석탄협회, 산업통상자원부 Source: Korea Coal Association, Ministry of Trande, Industry & Energy

5.2 부문별 무연탄 소비 Anthracite consumption by sector

		가정·상업 Residential/Commercial			발전 Power generation		산업용 Industrial	기타 Others	합계 Total
		국내탄 Domestic coal	수입탄 Import cal	소계 Subtotal	수입탄 Import cal	소계 Subtotal			
		1,000 ton							
1990		17,602	1,615	19,217	-	1,983	283	46	21,529
1991		13,850	1,334	15,184	97	2,070	303	-	17,557
1992		10,364	825	11,189	82	1,945	443	20	13,597
1993		7,493	344	7,837	70	2,272	758	-	10,867
1994		4,617	67	4,684	41	2,192	673	-	7,549
1995		2,987	18	3,005	100	2,421	837	-	6,263
1996		1,957	4	1,961	93	2,514	895	-	5,370
1997		1,389	-	1,389	64	2,305	536	-	4,230
1998		1,229	-	1,229	30	2,451	951	-	4,631
1999		1,117	-	1,117	50	2,552	1,323	-	4,992
2000		1,192	-	1,192	-	2,850	2,155	- 0	6,196
2001		1,230	-	1,230	-	2,689	3,217	- 0	7,137
2002		1,175	-	1,175	-	2,558	3,954	0	7,687
2003		1,174	17	1,191	-	2,710	4,680	-	8,581
2004		1,370	15	1,385	-	2,356	4,396	- 0	8,137
2005		1,959	51	2,010	-	2,354	4,670	-	9,034
2006		2,224	103	2,327	-	2,356	5,146	0	9,829
2007		1,872	219	2,091	-	2,156	5,451	-	9,698
2008		2,163	126	2,289	-	1,960	5,966	-	10,215
2009		1,746	195	1,941	-	1,360	6,476	-	9,777
2010		1,669	190	1,859	-	839	7,406	-	10,104
2011		1,696	126	1,822	-	543	8,817	-	11,182
2012		1,697	136	1,833	-	591	8,055	-	10,479
2013p		1,731	186	1,917	-	323	8,482	-	10,722
2012	7	16	1	17	-	55	601	-	673
	8	28	2	30	-	57	816	-	903
	9	113	10	123	-	61	733	-	917
	10	288	27	315	-	64	768	-	1,147
	11	337	37	374	-	68	837	-	1,279
	12	263	28	291	-	72	492	-	855
2013p	1	243	25	268	-	21	630	-	919
	2	157	14	171	-	15	680	-	866
	3	108	9	117	-	25	744	-	886
	4	84	8	92	-	21	655	-	768
	5	42	4	46	-	29	530	-	605
	6	25	2	27	-	33	794	-	854
	7	47	4	51	-	32	819	-	902
	8	45	6	51	-	26	739	-	816
	9	127	13	140	-	31	696	-	867
	10	278	32	310	-	30	730	-	1,070
	11	326	37	363	-	31	658	-	1,052
	12	249	32	281	-	29	809	-	1,119
2014p	1	169	33	202	-	16	640	-	858
	2	119	23	142	-	15	591	-	748
	3	88	15	103	-	18	572	-	693
	4	47	7	54	-	23	776	-	853
	5	30	5	35	-	24	681	-	740
	6	19	3	22	-	23	836	-	881
	7	15	3	18	-	30	611	-	659
2013p	1-7	706	66	772	-	176	4,850	-	5,798
2014p	1-7	487	89	576	-	149	4,708	-	5,433

자료: 대한석탄협회, 산업통상자원부 Source: Korea Coal Association, Ministry of Trande, Industry & Energy

5.3 유연탄 수급 Bituminous coal supply and demand

		수입 Import			소비 Consumption		
		합계 Total	원료탄 Cocking coal	연료탄 Thermal coal	합계 Total	원료탄 Cocking coal	연료탄 Thermal coal
		1,000 ton					
1990		22,848	11,287	11,561	21,876	11,735	10,141
1991		27,906	15,572	12,334	24,835	13,951	10,884
1992		29,208	16,381	12,827	26,217	14,375	11,842
1993		35,158	17,321	17,837	31,552	15,972	15,580
1994		38,710	16,902	21,808	35,111	15,750	19,361
1995		43,166	17,151	26,015	38,089	16,305	21,784
1996		45,925	18,227	27,698	44,907	17,361	27,546
1997		49,312	17,394	31,918	49,712	18,178	31,534
1998		50,566	17,979	32,587	51,261	18,329	32,932
1999		51,101	17,227	33,874	54,137	18,442	35,696
2000		59,600	19,575	40,025	60,329	19,415	40,914
2001		61,856	17,899	43,957	63,686	19,315	44,372
2002		64,640	17,660	46,980	68,264	20,097	48,167
2003		65,318	17,676	47,642	70,539	20,509	50,031
2004		72,103	18,954	53,149	73,978	20,839	53,139
2005		69,330	16,975	52,355	75,788	20,810	54,978
2006		70,888	16,466	54,422	77,998	20,731	57,267
2007		79,355	18,385	60,970	84,430	21,519	62,911
2008		90,470	20,912	69,558	93,983	23,568	70,415
2009		92,952	19,553	73,399	98,602	20,734	77,868
2010		106,096	24,328	81,768	110,926	27,210	83,716
2011		116,118	26,157	89,961	119,678	31,762	87,916
2012		114,645	25,857	88,788	117,667	31,487	86,180
2013p		116,220	31,361	84,859	118,832	32,053	86,779
2012	7	9,827	2,169	7,658	10,136	2,585	7,551
	8	10,558	2,250	8,308	10,475	2,684	7,791
	9	9,730	2,204	7,526	9,764	2,623	7,141
	10	8,430	1,973	6,457	9,640	2,686	6,954
	11	10,801	2,365	8,436	9,798	2,563	7,235
	12	8,951	1,975	6,976	10,615	2,746	7,869
2013p	1	9,420	2,435	6,985	10,538	2,724	7,814
	2	9,676	2,565	7,111	9,470	2,510	6,960
	3	9,726	2,518	7,208	10,178	2,635	7,543
	4	9,696	2,600	7,096	9,144	2,452	6,692
	5	9,625	2,602	7,023	9,661	2,612	7,049
	6	9,597	2,676	6,921	10,113	2,820	7,293
	7	9,911	2,742	7,169	10,811	2,991	7,820
	8	11,143	2,844	8,299	10,205	2,605	7,600
	9	8,661	2,341	6,320	9,557	2,583	6,974
	10	9,952	2,820	7,132	9,207	2,609	6,598
	11	9,656	2,794	6,862	9,360	2,709	6,651
	12	9,157	2,424	6,733	10,588	2,803	7,785
2014p	1	10,703	2,999	7,704	10,669	3,120	7,549
	2	9,787	2,828	6,959	9,704	2,947	6,757
	3	9,663	2,781	6,882	10,299	3,149	7,150
	4	10,438	3,423	7,015	9,467	3,329	6,138
	5	10,026	3,017	7,009	9,802	3,147	6,655
	6	10,474	3,016	7,458	10,361	3,074	7,287
	7	10,068	2,849	7,219	10,964	3,100	7,864
2013p	1-7	67,651	18,138	49,513	69,913	18,744	51,169
2014p	1-7	71,159	20,913	50,246	71,267	21,866	49,401

자료: 대한석탄협회, 산업통상자원부 Source: Korea Coal Association, Ministry of Trande, Industry & Energy

5.4 부문별 유연탄 소비 Bituminous coal consumption by sector

		합계 Total	제철 Steel	발전 Power generation	시멘트 Cement	산업 Industrial
		1,000 ton				
1990		21,876	11,735	5,723	3,534	882
1991		24,835	13,951	5,776	4,223	885
1992		26,217	14,375	6,322	4,392	1,127
1993		31,552	15,972	9,008	5,143	1,429
1994		35,111	15,750	12,376	5,310	1,675
1995		38,089	16,305	14,229	5,590	1,965
1996		44,907	17,361	18,948	6,448	2,151
1997		49,712	18,178	22,714	6,593	2,227
1998		51,261	18,329	25,682	5,019	2,231
1999		54,137	18,442	28,297	5,069	2,330
2000		60,329	19,415	33,305	5,308	2,301
2001		63,686	19,315	36,601	5,475	2,296
2002		68,264	20,097	40,143	5,669	2,355
2003		70,539	20,509	41,631	6,060	2,339
2004		73,978	20,839	45,512	5,309	2,318
2005		75,788	20,810	47,852	4,807	2,319
2006		77,998	20,731	50,199	4,738	2,330
2007		84,430	21,519	55,487	5,051	2,374
2008		93,983	23,568	62,791	5,236	2,388
2009		98,602	20,734	71,091	4,463	2,314
2010		110,926	27,210	76,674	4,564	2,478
2011		119,678	31,762	80,393	5,046	2,477
2012		117,667	31,487	79,136	4,625	2,419
2013p		118,832	32,053	79,692	4,647	2,440
2012	7	10,136	2,585	6,987	379	185
	8	10,475	2,684	7,240	374	177
	9	9,764	2,623	6,612	339	190
	10	9,640	2,686	6,415	366	173
	11	9,798	2,563	6,644	380	211
	12	10,615	2,746	7,225	404	240
2013p	1	10,538	2,724	7,307	266	241
	2	9,470	2,510	6,453	293	214
	3	10,178	2,635	6,958	359	226
	4	9,144	2,452	6,052	427	213
	5	9,661	2,612	6,385	455	209
	6	10,113	2,820	6,717	408	168
	7	10,811	2,991	7,245	390	185
	8	10,205	2,605	7,062	359	179
	9	9,557	2,583	6,410	382	182
	10	9,207	2,609	5,974	445	179
	11	9,360	2,709	6,025	416	210
	12	10,588	2,803	7,104	447	234
2014p	1	10,669	3,120	6,983	334	232
	2	9,704	2,947	6,231	313	213
	3	10,299	3,149	6,508	424	218
	4	9,467	3,329	5,502	439	197
	5	9,802	3,147	6,019	443	193
	6	10,361	3,074	6,584	526	177
	7	10,964	3,100	7,274	408	182
2013p	1-7	69,913	18,744	47,117	2,598	1,454
2014p	1-7	71,267	21,866	45,101	2,887	1,413

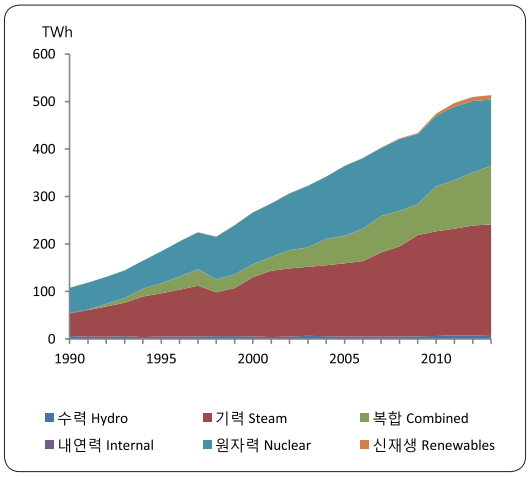
자료: 대한석탄협회, 산업통상자원부 Source: Korea Coal Association, Ministry of Trande, Industry & Energy

6. 전력 · 열

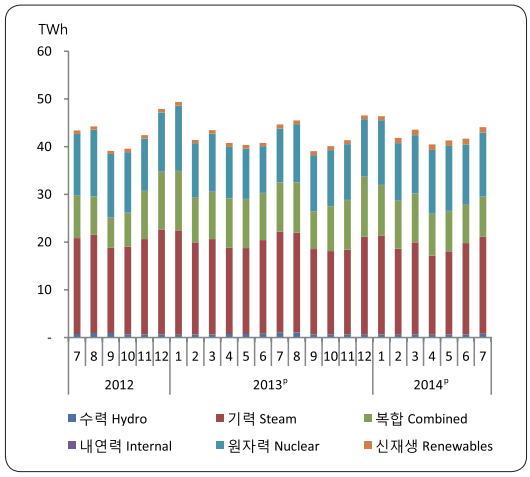
Electricity & Heat

▢ 발전 설비별 발전량 Power generation amount by Generating facilitis

<1990~2013>

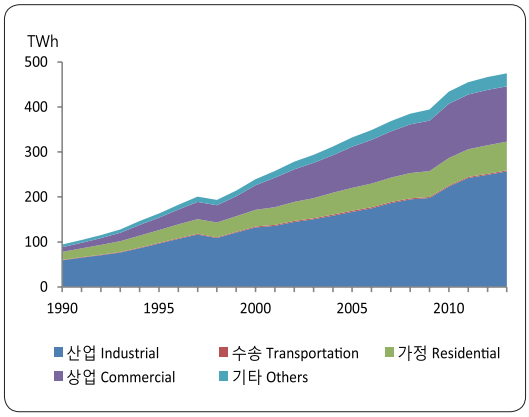


<월별 Monthly>



▢ 부문별 전력 소비 Electricity consumption by sector

<1990~2013>



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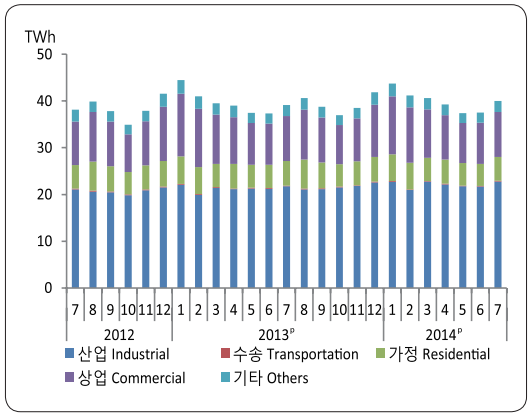
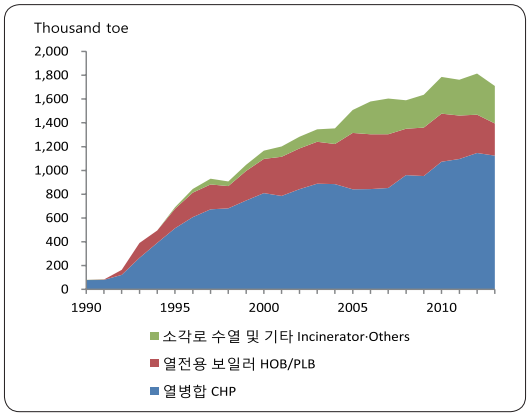
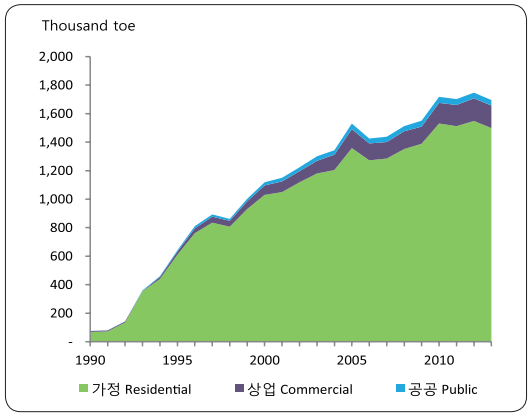


▢ 지역난방 생산, 소비 District heating production, consumption





6.1 발전 현황 Power Generation

		총발전량 Total power generation amount	설비용량 Power plant capacity	공급능력 Supply capability	최대전력 Peak load	평균전력 Average load	공급예비율 Supplied reserve ratio	부하율 Load factor
		GWh	MW				%	
1990		107,670	21,021	18,680	17,252	12,291	8.3	71.2
1991		118,619	21,126	20,148	19,124	13,541	5.4	70.8
1992		130,963	23,430	21,737	20,438	14,909	6.4	72.9
1993		144,437	27,154	24,405	22,112	16,488	10.4	74.6
1994		164,993	28,772	27,431	26,696	18,835	2.8	70.6
1995		184,661	31,793	31,968	29,878	21,080	7.0	70.6
1996		205,494	35,722	34,295	32,282	23,394	6.2	72.5
1997		224,445	40,534	38,452	35,851	25,622	7.3	71.5
1998		215,300	43,261	37,928	32,996	24,578	14.9	74.5
1999		239,325	44,427	43,418	37,293	27,320	16.4	73.3
2000		266,400	47,876	46,078	41,007	30,328	12.4	74.0
2001		285,224	49,632	48,699	43,125	32,560	12.9	75.5
2002		306,474	52,799	52,113	45,773	34,986	13.9	76.4
2003		322,452	56,081	55,488	47,385	36,810	17.1	77.7
2004		342,148	59,129	57,528	51,264	39,058	12.2	76.2
2005		364,639	61,737	60,818	54,631	41,625	11.3	76.2
2006		381,181	64,778	65,183	58,994	43,514	10.5	73.8
2007		403,124	67,196	66,778	62,285	46,019	7.2	73.9
2008		422,355	70,353	68,519	62,794	48,082	9.1	76.6
2009		433,604	73,310	72,071	66,797	49,498	7.9	74.1
2010		474,660	76,078	75,747	71,308	54,185	6.2	76.0
2011		496,893	76,649	77,179	73,137	56,723	5.5	77.6
2012		509,574	81,806	79,972	75,987	58,012	5.2	76.3
2013p		513,465	82,296	80,713	76,522	58,615	5.5	76.6
2012	7	43,419	80,552	77,324	73,455	58,359	6.0	79.4
	8	44,247	81,552	77,082	73,705	59,472	3.8	80.7
	9	39,086	81,552	77,111	73,818	54,286	13.9	73.5
	10	39,574	81,593	68,349	71,084	53,191	10.9	74.8
	11	42,405	81,738	75,516	72,593	58,896	9.3	81.1
	12	47,930	81,806	79,972	73,420	64,422	5.2	87.7
2013p	1	49,391	82,296	80,713	76,522	66,386	5.5	86.8
	2	41,429	82,296	79,482	74,196	61,650	7.1	83.1
	3	43,467	83,295	76,523	69,653	58,423	9.9	83.9
	4	40,769	83,465	70,225	64,872	56,623	8.3	87.3
	5	40,371	83,749	68,910	63,029	54,262	9.3	86.1
	6	40,806	83,749	73,565	68,472	56,674	7.4	82.8
	7	44,653	85,358	76,473	72,112	60,017	6.0	83.2
	8	45,478	86,136	78,734	74,015	61,126	6.4	82.6
	9	39,041	86,136	76,337	67,689	54,223	12.8	80.1
	10	40,114	86,136	70,074	64,911	53,917	8.0	83.1
	11	41,377	86,333	78,870	72,686	57,469	8.5	79.1
	12	46,569	86,969	81,270	75,681	62,592	7.4	82.7
2014p	1	46,369	86,969	84,080	76,751	62,324	9.5	81.2
	2	41,833	87,171	83,333	77,295	62,251	7.8	80.5
	3	44,046	87,171	78,016	72,167	58,521	8.1	81.1
	4	40,463	87,334	71,291	63,757	56,198	11.8	88.1
	5	41,316	87,678	74,574	67,424	55,532	10.6	82.4
	6	41,683	87,948	76,831	69,801	57,893	10.1	82.9
	7	44,085	88,673	84,128	76,054	59,254	10.6	77.9
2013p	1-7	300,886	85,358	76,473	72,112	60,017	6.0	83.2
2014p	1-7	299,795	88,673	84,128	76,054	59,254	10.6	77.9

주: 평균전력, 부하율을 제외한 실적은 최대전력 발생시점 기준.
자료: 전력통계속보, 한국전력공사

Note: The figures except the average power and load factor are based on the time of maximum power.
Source: The monthly report on major electric power statistics, KEPCO

		합계 Total	수력 Hydro	기력 Steam	복합 Combined	내연력 Internal	원자력 Nuclear	신재생 Renewables
		MWh						
1990		21,021	2,340	9,912	840	313	7,616	-
1991		21,111	2,445	9,912	760	378	7,616	-
1992		24,120	2,498	9,912	3,706	388	7,616	-
1993		27,654	2,504	11,972	5,173	389	7,616	-
1994		28,750	2,493	13,032	5,334	275	7,616	-
1995		32,184	3,093	14,032	6,184	259	8,616	-
1996		35,715	3,094	14,022	8,719	264	9,616	-
1997		41,042	3,115	16,078	11,269	265	10,316	-
1998		43,406	3,131	17,209	10,785	265	12,016	-
1999		46,978	3,148	18,909	10,935	271	13,716	-
2000		48,451	3,149	20,059	11,257	271	13,716	-
2001		50,859	3,876	21,559	11,436	273	13,716	-
2002		53,801	3,876	21,749	12,186	275	15,716	-
2003		56,053	3,877	23,045	13,086	246	15,716	83
2004		59,961	3,879	24,693	14,313	252	16,716	108
2005		62,258	3,883	25,193	15,015	297	17,716	156
2006		65,514	5,485	25,773	16,004	297	17,716	240
2007		68,268	5,492	27,384	16,511	303	17,716	862
2008		72,491	5,505	31,191	17,044	307	17,716	728
2009		73,470	5,515	31,181	17,575	347	17,716	1,136
2010		76,078	5,525	31,638	19,100	351	17,716	1,749
2011		79,342	6,418	32,194	19,799	355	18,716	1,859
2012		81,806	6,446	31,994	19,799	367	20,716	2,483
2013[p]		86,969	6,454	32,477	23,473	330	20,716	3,519
2012	7	80,552	6,445	31,988	19,799	367	19,716	2,237
	8	81,552	6,445	31,994	19,799	367	20,716	2,231
	9	81,552	6,445	31,994	19,799	367	20,716	2,231
	10	81,593	6,446	31,994	19,799	327	20,716	2,310
	11	81,738	6,446	31,994	19,799	327	20,716	2,455
	12	81,806	6,446	31,994	19,799	367	20,716	2,483
2013[p]	1	82,296	6,446	32,139	20,249	367	20,716	2,378
	2	82,296	6,446	32,139	20,249	367	20,716	2,378
	3	83,295	6,446	32,303	21,019	327	20,716	2,484
	4	83,465	6,447	32,362	21,019	327	20,716	2,595
	5	83,749	6,447	32,362	21,019	330	20,716	2,876
	6	84,371	6,448	32,362	21,591	330	20,716	2,925
	7	85,516	6,450	32,477	22,561	330	20,716	2,983
	8	86,136	6,450	32,477	22,943	330	20,716	3,221
	9	86,136	6,450	32,477	22,943	330	20,716	3,221
	10	86,333	6,450	32,477	22,943	330	20,716	3,418
	11	86,969	6,454	32,477	23,473	330	20,716	3,519
	12	86,969	6,454	32,477	23,473	330	20,716	3,519
2014[p]	1	87,171	6,454	32,477	23,473	330	20,716	3,720
	2	87,171	6,454	32,477	23,473	330	20,716	3,720
	3	87,171	6,454	32,477	23,473	330	20,716	3,720
	4	88,178	6,455	32,601	24,183	330	20,716	3,893
	5	87,678	6,455	32,101	24,183	330	20,716	3,893
	6	88,148	6,455	32,571	24,183	330	20,716	3,893
	7	89,435	6,455	32,371	25,669	330	20,716	3,893
2013[p]	1-7	85,516	6,450	32,477	22,561	330	20,716	2,983
2014[p]	1-7	89,435	6,455	32,371	25,669	330	20,716	3,893

6.3 발전 설비별 발전량 Power generation amount by generating facilities

		합계 Total	수력 Hydro	기력 Steam	복합 Combined cycle	내연력 Internal	원자력 Nuclear	신재생 Renewables
		GWh						
1990		107,715	6,361	47,419	-	1,048	52,887	-
1991		118,619	5,051	56,000	-	1,257	56,311	-
1992		130,963	4,863	63,531	5,464	574	56,530	-
1993		144,437	6,006	70,464	9,188	640	58,138	-
1994		164,993	4,098	85,408	16,047	789	58,651	-
1995		184,661	5,478	90,808	20,521	825	67,029	-
1996		205,494	5,201	98,654	26,943	772	73,924	-
1997		224,445	5,404	106,813	34,424	718	77,086	-
1998		215,300	6,099	92,432	26,505	575	89,689	-
1999		239,325	6,066	101,138	28,675	382	103,064	-
2000		266,400	5,610	124,669	26,863	294	108,964	-
2001		285,224	4,151	139,582	29,033	325	112,133	-
2002		306,474	5,311	143,370	38,337	353	119,103	-
2003		322,452	6,887	145,148	40,375	370	129,672	-
2004		342,148	5,861	149,363	55,452	407	130,715	350
2005		364,639	5,189	154,235	57,457	575	146,779	404
2006		381,181	5,219	158,886	67,138	677	148,749	511
2007		403,125	5,042	177,330	76,405	578	142,937	831
2008		422,355	5,563	189,439	74,519	503	150,958	1,373
2009		433,604	5,641	213,218	64,486	697	147,771	1,791
2010		474,660	6,472	220,372	94,012	731	148,596	4,478
2011		496,893	7,831	224,447	101,479	821	154,723	7,592
2012		509,574	7,652	231,343	110,882	752	150,327	8,618
2013p		513,465	8,483	232,760	123,221	733	138,786	9,481
2012	7	43,419	710	20,109	8,871	62	12,933	734
	8	44,247	941	20,590	7,974	72	13,966	705
	9	39,086	895	17,895	6,261	48	13,358	629
	10	39,574	680	18,384	7,026	60	12,674	750
	11	42,405	611	19,980	10,091	39	10,929	755
	12	47,930	683	21,877	12,172	76	12,356	766
2013p	1	49,391	565	21,881	12,406	82	13,670	788
	2	41,429	594	19,332	9,412	67	11,301	721
	3	43,467	585	20,015	9,986	65	12,078	738
	4	40,769	689	18,072	10,334	67	10,810	797
	5	40,371	725	17,996	10,258	71	10,528	793
	6	40,806	784	19,614	9,838	49	9,798	722
	7	44,653	1,055	21,112	10,304	62	11,287	833
	8	45,478	1,003	20,991	10,445	73	12,209	757
	9	39,041	664	17,880	7,906	52	11,701	837
	10	40,114	660	17,457	9,352	51	11,753	842
	11	41,377	591	17,814	10,381	34	11,727	831
	12	46,569	568	20,596	12,599	60	11,924	822
2014p	1	46,369	591	20,706	10,618	70	13,551	835
	2	41,833	570	18,073	10,004	62	12,020	1,103
	3	44,046	644	19,287	10,233	63	12,200	1,112
	4	40,463	549	16,624	8,710	64	13,378	1,137
	5	41,316	622	17,432	8,404	64	13,636	1,158
	6	41,683	629	19,161	8,034	43	12,616	1,201
	7	44,085	747	20,320	8,399	49	13,400	1,170
2013p	1-7	300,886	4,997	138,022	72,538	463	79,472	5,392
2014p	1-7	299,795	4,352	131,603	64,402	415	90,801	7,716

주: 대체에너지 발전량은 2012년 1월부터 기력에서 분리 수록
자료: 전력통계속보, 한국전력공사

Note: Generation amount by the alternative energy was separated from steam generation starting in January 2012.
Source: The monthly report on major electric power statistics, KEPCO

6.4 종별 수용가수 및 판매량 No. of customers and sales volume by type

		수용가수 No. of households			판매량 Sales volume		
		합계 Total	저압(전등) Lighting	고압(동력) Power	합계 Total	저압 Lighting	고압(동력) Power
		1,000 Customer			GWh		
1990		9,315	8,515	800	94,383	17,430	76,953
1991		10,053	9,105	948	104,374	19,123	85,251
1992		10,748	9,584	1,164	115,244	21,221	94,023
1993		11,499	10,119	1,380	127,734	22,676	105,058
1994		12,161	12,093	68	146,541	29,702	116,839
1995		12,771	12,694	77	163,270	47,272	115,998
1996		13,329	13,243	86	182,470	52,100	130,371
1997		13,913	13,817	96	200,784	56,189	144,595
1998		14,102	13,999	103	193,470	54,990	138,481
1999		14,379	14,266	113	214,215	60,393	153,822
2000		14,976	14,850	126	239,535	69,626	169,910
2001		15,619	15,479	140	257,731	78,556	179,176
2002		16,490	16,333	157	278,451	85,452	193,000
2003		16,776	16,600	176	293,599	88,969	204,630
2004		17,062	16,868	194	312,096	92,539	219,557
2005		17,329	17,117	212	332,413	97,639	234,773
2006		17,625	17,395	230	348,719	100,683	248,036
2007		18,039	17,789	249	368,605	103,161	265,424
2008		18,419	18,152	268	385,070	105,895	279,175
2009		18,727	18,444	283	394,475	107,172	287,303
2010		19,229	18,929	301	434,160	114,075	320,085
2011		19,815	19,494	321	455,070	113,075	341,995
2012		20,476	20,131	345	466,593	113,902	352,691
2013p		21,018	20,648	370	474,848	113,027	361,822
2012	7	20,132	19,795	337	38,149	7,861	30,289
	8	20,199	19,860	339	39,902	9,541	30,360
	9	20,267	19,926	341	37,881	8,664	29,218
	10	20,315	19,972	343	34,907	7,512	27,395
	11	20,914	20,570	344	37,931	9,165	28,766
	12	20,476	20,131	345	41,583	10,739	30,845
2013p	1	20,444	20,097	347	44,491	12,530	31,962
	2	20,477	20,129	348	41,012	12,051	28,961
	3	21,042	20,692	350	39,521	9,854	29,666
	4	20,629	20,276	354	39,007	9,544	29,463
	5	20,594	20,238	355	37,460	8,216	29,245
	6	20,642	20,283	358	37,366	7,755	29,611
	7	20,703	20,343	360	39,172	8,054	31,118
	8	20,743	20,399	344	40,647	9,570	31,077
	9	20,820	20,455	365	38,782	8,945	29,836
	10	20,868	20,501	367	36,965	7,504	29,461
	11	21,418	21,068	350	38,533	8,811	29,723
	12	21,018	20,648	370	41,892	10,193	31,699
2014p	1	20,992	20,619	373	43,775	11,541	32,234
	2	21,046	20,671	376	41,222	11,328	29,894
	3	21,614	21,233	380	40,638	9,557	31,081
	4	21,192	20,808	384	39,267	8,946	30,321
	5	21,165	20,778	387	37,391	7,696	29,695
	6	21,209	20,820	389	37,855	7,671	30,184
	7	21,254	20,863	391	40,011	7,911	32,099
2013p	1-7	20,703	20,343	360	278,029	68,004	210,026
2014p	1-7	21,254	20,863	391	280,158	64,650	215,508

주: 1994년 1월 이후의 수용가수 및 판매량의 전등과 동력은 저압과 고압으로 변경
자료: 전력통계속보, 한국전력공사

Note: The lighting and power after January 1994 was changed to low and high voltage.
Source: The monthly report on major electric power statistics, KEPCO

6.5 부문별 전력 소비 Electricity consumption by sector

		합계 Total	산업 Industrial	수송 Transport	가정 Residential	상업 Commercial	기타 Other
		GWh					
1990		94,383	59,248	1,012	17,735	10,412	5,976
1991		104,374	65,183	1,091	19,482	12,288	6,330
1992		115,244	70,505	1,175	21,796	15,114	6,654
1993		127,734	76,525	1,258	23,916	18,678	7,357
1994		146,541	86,019	1,446	26,554	23,695	8,827
1995		163,270	96,436	1,607	28,303	27,524	9,401
1996		182,470	106,737	1,682	30,642	32,892	10,517
1997		200,784	116,383	1,761	32,515	38,301	11,823
1998		193,470	108,828	1,580	32,913	38,269	11,880
1999		214,215	120,859	1,730	34,581	44,412	12,633
2000		239,535	132,260	2,037	37,102	54,651	13,486
2001		257,731	135,791	2,257	39,211	65,496	14,976
2002		278,451	144,454	2,271	42,278	72,361	17,088
2003		293,599	150,387	2,331	44,572	78,511	17,798
2004		312,096	158,337	2,475	48,615	83,390	19,279
2005		332,413	166,813	2,601	50,873	91,375	20,751
2006		348,719	174,661	2,534	52,522	97,277	21,724
2007		368,605	186,252	2,433	54,174	102,957	22,789
2008		385,070	194,630	2,277	56,228	108,229	23,706
2009		394,475	197,743	2,174	57,595	112,099	24,863
2010		434,160	223,171	2,191	61,194	120,619	26,985
2011		455,070	242,204	2,246	61,564	121,668	27,387
2012		466,593	249,136	2,250	63,536	123,083	28,588
2013p		474,848	256,841	2,168	63,970	122,973	28,896
2012	7	38,149	21,083	188	5,002	9,314	2,562
	8	39,902	20,605	208	6,256	10,626	2,206
	9	37,881	20,452	192	5,407	9,591	2,240
	10	34,907	19,847	187	4,805	8,019	2,049
	11	37,931	20,885	180	5,158	9,462	2,247
	12	41,583	21,514	211	5,423	11,664	2,772
2013p	1	44,491	22,057	214	5,881	13,423	2,917
	2	41,012	19,905	199	5,747	12,509	2,652
	3	39,521	21,412	179	4,978	10,522	2,429
	4	39,007	21,122	181	5,240	10,034	2,431
	5	37,460	21,271	191	4,904	8,945	2,151
	6	37,366	21,190	188	4,968	8,849	2,171
	7	39,172	21,742	172	5,271	9,603	2,384
	8	40,647	21,078	185	6,190	10,737	2,457
	9	38,782	21,141	172	5,562	9,617	2,289
	10	36,965	21,537	157	4,816	8,347	2,109
	11	38,533	21,821	159	5,099	9,225	2,229
	12	41,892	22,566	172	5,314	11,163	2,678
2014p	1	43,775	22,723	169	5,679	12,474	2,730
	2	41,222	20,941	163	5,676	11,892	2,550
	3	40,638	22,750	151	4,957	10,354	2,425
	4	39,267	22,166	153	5,162	9,516	2,269
	5	37,391	21,747	150	4,849	8,559	2,086
	6	37,549	21,692	158	4,694	8,840	2,165
	7	40,011	22,771	177	5,090	9,598	2,374
2013p	1-7	278,030	148,699	1,323	36,989	73,884	17,135
2014p	1-7	279,852	154,791	1,122	36,106	71,233	16,600

주: 2008년 5월부터 개성지구 판매량 포함.
자료: 전력통계속보, 한국전력공사

Note: This includes the Kaesong Complex sales volume starting in May 2008.
Source: The monthly report on major electric power statistics, KEPCO

6.6 발전연료 소비 Fuel consumption of power generation

		석탄 Coal			석유 Petroleum			LNG[1]
		합계 Total	무연탄 Anthracite	유연탄 Bituminous	합계 Total	중유 Heavy oil	경유 Diesel	
		1,000 ton			1000 kℓ			1,000 ton
1990		8,530	2,013	6,517	4,481	4,226	255	1,718
1991		8,540	1,978	6,562	6,387	6,111	276	1,781
1992		9,217	2,008	7,209	8,164	7,542	622	2,225
1993		12,549	2,284	10,265	7,984	7,670	314	2,518
1994		16,146	2,180	13,966	9,183	8,748	435	3,329
1995		18,633	2,428	16,203	9,687	8,753	933	3,562
1996		21,462	2,514	18,948	9,808	8,196	1,612	4,622
1997		25,012	2,305	22,707	9,880	8,309	1,571	5,377
1998		28,207	2,527	25,679	3,404	3,097	306	4,189
1999		30,813	2,597	28,216	3,348	3,023	325	4,767
2000		36,217	2,848	33,369	5,086	4,895	191	4,491
2001		40,795	2,875	37,919	5,599	5,492	107	4,780
2002		43,088	2,751	40,336	4,753	4,528	226	5,969
2003		44,449	2,875	41,575	5,051	4,417	634	5,995
2004		47,927	2,412	45,515	4,339	4,200	139	8,221
2005		50,296	2,359	47,937	4,167	4,051	116	8,537
2006		52,605	2,346	50,259	3,790	3,633	156	9,466
2007		58,341	2,392	55,949	4,018	3,899	119	10,829
2008		65,781	2,543	63,238	2,141	2,034	107	10,515
2009		73,749	2,690	71,059	3,053	2,944	110	8,598
2010		78,805	2,404	76,401	2,825	2,710	114	13,408
2011		81,513	1,659	79,854	2,171	2,050	120	13,609
2012		80,601	1,797	78,805	3,413	3,272	141	15,321
2013p		80,133	1,731	78,405	3,614	3,487	127	16,583
2012	7	7,138	177	6,961	351	337	14	1,206
	8	7,408	178	7,231	316	302	14	1,116
	9	6,766	159	6,607	123	115	8	830
	10	6,570	159	6,411	231	218	13	993
	11	6,835	193	6,641	289	278	11	1,397
	12	7,351	188	7,163	340	328	12	1,710
2013p	1	7,366	157	7,209	327	319	8	1,720
	2	6,494	146	6,349	255	247	8	1,362
	3	7,009	153	6,856	234	226	8	1,610
	4	6,124	158	5,966	325	315	10	1,327
	5	6,430	105	6,325	324	313	10	1,322
	6	6,774	140	6,634	312	302	10	1,315
	7	7,308	171	7,137	366	353	14	1,414
	8	7,127	161	6,966	374	357	17	1,366
	9	6,448	128	6,321	181	172	9	1,001
	10	6,015	139	5,876	316	305	11	1,355
	11	6,106	133	5,974	307	295	12	1,491
	12	6,932	140	6,792	293	283	10	2,005
2014p	1	7,124	147	6,977	209	197	12	-
	2	6,128	152	5,976	211	200	10	-
	3	6,590	170	6,419	258	247	11	-
	4	5,741	135	5,606	151	137	13	-
	5	6,064	97	5,967	155	141	14	-
	6	6,767	184	6,583	148	137	11	-
	7	7,375	177	7,199	195	187	8	-
2013p	1-7	47,505	1,029	46,476	2,143	2,076	67	10,070
2014p	1-7	45,790	1,062	44,728	1,327	1,247	80	-

1. LNG 자료는 분기별 조사
주: 중유에 정제유 포함, 경유에 등유 포함.
시운전 연료 사용량 포함.
자료: 전력통계속보, 한국전력공사

1. LNG data are gathered by quarter.
Note: Refined oil and kerosene are included in B-C oil and diesel respectively.
Source: The monthly report on major electric power statistics, KEPCO

		생산 Production				판매 Sales			
		합계 Total	열병합[1] CHP	열전용 보일러[2] HOB/PLB	소각로 수열 및 기타[3] Incinerator·Others	합계 Total	가정 Residential	상업 Commercial	공공 Public
		1,000 toe							
1990		79	79	-	-	75	69	6	1
1991		83	80	3	-	80	72	7	1
1992		163	122	42	-	143	135	7	1
1993		391	265	125	-	360	354	2	4
1994		495	391	104	-	460	440	14	6
1995		689	514	164	12	641	610	21	10
1996		844	607	206	31	811	762	34	15
1997		930	673	209	48	893	835	42	16
1998		907	681	187	39	861	807	42	13
1999		1,047	747	249	52	1,002	931	54	18
2000		1,166	809	288	69	1,119	1,030	67	22
2001		1,201	786	329	87	1,150	1,049	75	25
2002		1,283	842	342	98	1,223	1,118	78	27
2003		1,345	889	352	104	1,300	1,180	89	32
2004		1,353	885	337	131	1,343	1,204	108	31
2005		1,508	841	474	193	1,530	1,358	133	39
2006		1,579	843	461	276	1,425	1,272	118	34
2007		1,604	852	452	300	1,438	1,285	116	37
2008		1,590	961	390	239	1,512	1,351	125	36
2009		1,636	953	407	276	1,551	1,388	120	42
2010		1,786	1,073	404	309	1,718	1,531	145	42
2011		1,762	1,096	365	301	1,702	1,512	149	41
2012		1,814	1,146	322	346	1,751	1,553	159	40
2013[p]		1,771	1,185	270	315	1,695	1,499	158	38
2012	7	42	17	1	23	35	24	9	2
	8	36	13	1	22	29	17	10	2
	9	43	16	3	24	38	32	6	1
	10	82	51	5	26	79	73	5	1
	11	196	143	25	29	191	174	13	4
	12	339	224	80	36	334	299	28	8
2013[p]	1	346	230	82	35	340	303	29	8
	2	274	188	56	30	268	241	22	6
	3	211	159	20	32	205	186	15	4
	4	151	110	13	28	144	132	9	3
	5	73	41	5	27	67	60	6	1
	6	45	22	2	21	38	29	8	1
	7	44	21	1	21	37	25	10	2
	8	38	19	1	18	31	18	11	2
	9	39	15	3	21	33	26	6	1
	10	77	48	4	25	71	64	5	1
	11	185	131	28	26	180	164	13	4
	12	288	202	54	32	281	251	23	7
2014[p]	1	283	190	61	32	295	263	25	7
	2	232	163	39	29	238	213	20	6
	3	181	131	19	31	184	166	14	4
	4	99	69	6	23	97	89	7	2
	5	68	38	6	23	62	54	6	1
	6	44	17	2	24	37	28	8	1
	7	42	18	1	23	35	21	12	2
2013[p]	1-7	1,144	770	180	194	1,098	975	99	24
2014[p]	1-7	950	624	135	184	948	834	91	23

1. 한전 CHP 열 구매량 포함
2. 1992년~1994년 소각로 수열량을 열전용보일러 생산으로 포함
3. 기타 열생산원으로 CES, 태양열, 연료전지 포함
자료: 한국지역난방공사, GS Power㈜, SH공사

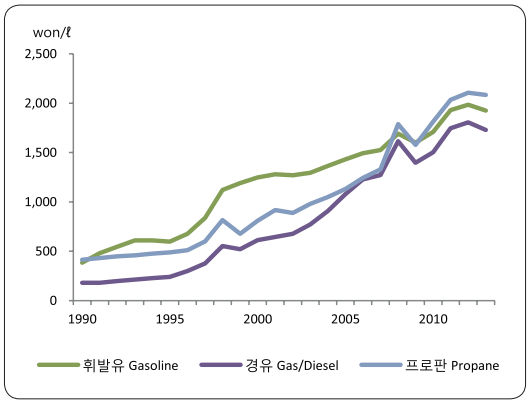
1. This includes KEPCO's CHP heat purchase amount.
2. Heat amount by incineration from 1992 to 1994 is included in HOB production.
3. Other heat-producing sources include CES, solar heat, and fuel cells.
Source: Korea District Heating Corp., GS Power, SH Corporation.

7. 에너지 가격

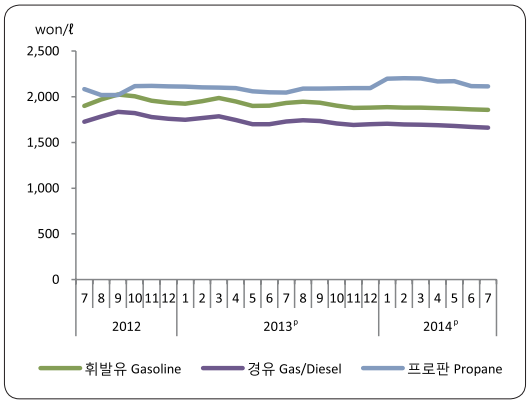
Energy prices

▢ 석유 소비자 가격 Consumer prices by petroleum products

<1990~2013>

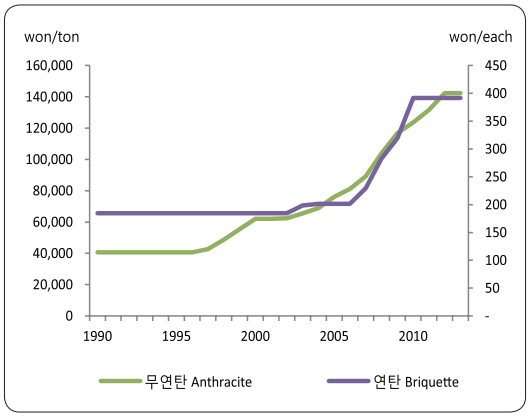


<월별 Monthly>



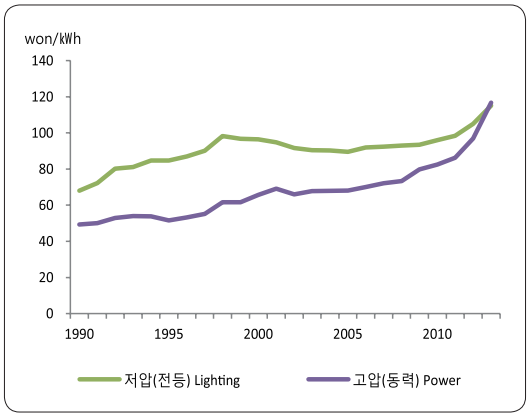
▢ 석탄 가격 Coal prices

<1990~2013>



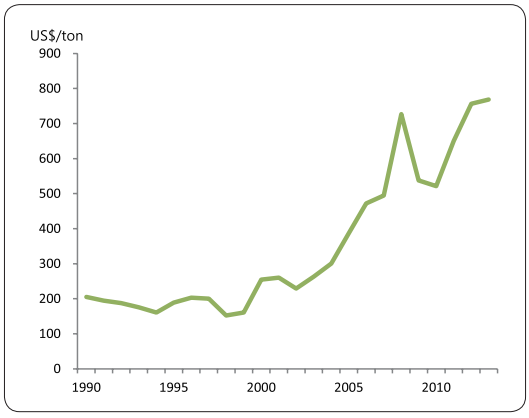
▢ 전력 가격 Electricity prices

<1990~2013>



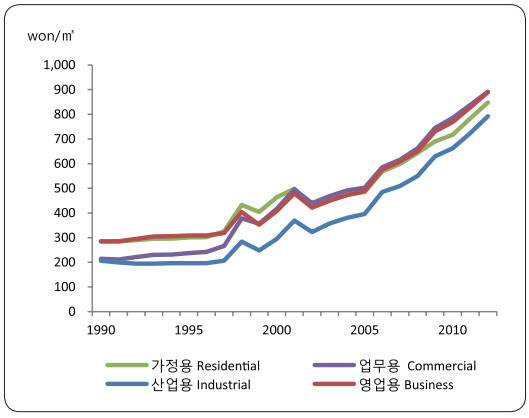
▢ 천연가스 도입 단가 Natural gas import prices

<1990~2013>



▢ 도시가스 가격 City gas prices

<1990~2012>



7.1.1 원유 수입 가격 Crude oil import prices

		평균 Average	중동 Middle East	아시아 Asia	아프리카 Africa	아메리카 America	유럽 Europe
		US$/bbl					
1990		21.0	20.8	18.3	18.3	17.7	-
1991		19.6	19.3	18.2	18.2	18.1	-
1992		18.6	18.2	17.8	17.8	18.2	-
1993		16.6	16.1	16.5	16.5	16.7	-
1994		15.6	15.3	15.9	15.9	15.8	-
1995		17.3	17.2	18.0	18.0	16.6	-
1996		20.1	19.9	20.7	20.7	19.5	-
1997		20.3	20.3	20.8	20.8	19.3	18.8
1998		13.7	13.6	14.8	14.8	12.9	13.8
1999		16.9	17.1	16.1	16.1	15.1	16.2
2000		28.2	28.0	29.2	29.2	25.5	28.6
2001		24.9	24.8	25.1	25.1	22.6	25.6
2002		24.2	24.2	24.2	24.2	22.2	25.7
2003		28.7	28.4	30.4	30.4	27.4	33.7
2004		36.2	35.5	37.4	37.4	32.9	-
2005		50.5	50.1	48.1	48.1	42.6	58.2
2006		62.8	62.5	65.0	65.0	54.9	-
2007		69.4	68.9	66.9	66.9	52.6	-
2008		98.3	98.2	98.2	98.2	-	-
2009		60.8	61.0	61.8	61.8	51.0	-
2010		78.7	78.6	73.9	73.9	76.2	-
2011		108.0	107.4	112.4	112.4	98.7	115.3
2012		112.8	112.3	119.7	119.7	98.9	117.1
2013p		108.3	107.9	108.0	108.0	111.6	112.4
2012	7	102.5	101.1	103.1	107.9	-	114.1
	8	106.6	106.1	110.4	-	-	107.0
	9	111.9	111.6	115.6	112.2	-	111.1
	10	112.9	112.6	113.7	-	-	117.2
	11	111.1	110.8	113.5	-	-	-
	12	110.5	110.3	111.2	-	-	112.6
2013p	1	110.8	110.2	112.5	-	-	115.0
	2	112.9	112.2	116.8	-	-	115.8
	3	111.8	110.9	113.7	105.9	-	118.1
	4	106.5	106.0	109.2	111.1	-	107.1
	5	103.7	103.4	104.8	-	-	105.9
	6	102.6	102.7	101.3	-	-	-
	7	104.2	104.1	105.4	102.8	-	105.0
	8	107.0	106.9	108.9	104.7	-	-
	9	110.2	110.0	111.7	106.6	-	-
	10	110.7	110.3	113.0	115.0	110.8	-
	11	109.6	109.4	112.1	107.5	-	-
	12	109.4	109.0	113.7	109.2	-	109.9
2014p	1	109.7	109.1	112.0	111.8	107.2	113.3
	2	108.4	108.1	109.7	110.2	102.0	110.3
	3	108.3	107.6	110.7	111.6	-	111.5
	4	107.9	107.5	109.8	107.6	-	110.8
	5	107.7	107.4	110.9	108.0	-	-
	6	108.9	108.5	111.4	-	-	111.6
	7	109.2	109.2	110.1	108.8	102.9	-
2013p	1-7	107.5	107.0	109.4	107.0	-	113.0
2014p	1-7	108.6	108.2	110.6	109.2	103.8	111.8

주 1. 원유 수입량 및 수입액은 한국석유공사 자료이므로, 한국무역협회의 통계와 다를 수 있음.
2. 통관기준이며, 수입액은 CIF 가격임.
자료: 한국석유공사-PEDSIS

Notes 1. Import prices are from Korea National Oil Corporation. They are different from the statistics of Korea International Trade Association.
2. Based on customs clearance and CIF.
Source: Korea National Oil Corporation-PEDSIS

7.1.2 주요 석유제품 수입 가격 Import prices by petroleum products

		휘발유 Gasoline	경유 Gas/Diesel oil	등유 Kerosene	중질중유 Bunker-C	액화석유가스 LPG	납사 Naphtha
		US$/bbl					
1990		-	-	-	-	-	-
1991		-	-	-	-	-	-
1992		-	25	27	16	15	22
1993		-	25	27	15	13	19
1994		-	22	24	15	12	17
1995		-	23	25	17	17	19
1996		-	29	32	19	18	22
1997		-	26	30	20	22	24
1998		19	17	22	14	15	17
1999		24	24	25	16	18	20
2000		36	36	37	27	26	31
2001		30	31	31	25	25	27
2002		30	29	30	24	22	25
2003		34	34	37	30	26	31
2004		46	44	46	33	31	42
2005		51	65	65	44	39	53
2006		-	84	76	54	47	64
2007		-	78	82	55	53	74
2008		-	126	106	90	75	100
2009		-	62	71	53	46	59
2010		-	93	103	74	62	80
2011		-	130	130	103	77	104
2012		120	128	128	109	80	106
2013p		125	127	127	101	77	103
2012	7	-	115	-	101	68	93
	8	-	127	-	106	69	91
	9	-	135	-	110	74	104
	10	120	134	-	104	86	109
	11	120	128	127	97	82	107
	12	120	126	126	100	87	106
2013p	1	123	126	126	105	79	106
	2	120	135	135	105	82	107
	3	120	138	124	105	82	112
	4	125	128	124	105	77	108
	5	-	120	-	99	72	98
	6	128	120	-	101	71	96
	7	127	122	-	97	72	96
	8	120	126	-	98	76	99
	9	122	127	-	98	79	101
	10	-	128	-	102	80	103
	11	-	128	-	100	78	101
	12	-	128	-	102	80	105
2014p	1	-	128	127	101	87	110
	2	-	124	124	102	87	114
	3	-	133	126	102	82	105
	4	-	130	124	100	77	104
	5	-	129	-	100	77	105
	6	-	130	-	101	79	107
	7	-	129	124	102	79	108
2013p	1-7	125.5	127.2	126.7	102.4	76.5	103.6
2014p	1-7	-	129.0	126.0	101.2	81.1	107.6

주: 통관기준이며, 수입액은 CIF 가격임.
자료: 한국석유공사-PEDSIS

Note: Based on customs clearance. The import value is the CIF price.
Source: Korea National Oil Corporation-PEDSIS

7.1.3 주요 석유제품 수출 가격 Export prices by petroleum products

		휘발유 Gasoline	경유 Gas/Diesel oil	등유 Kerosene	중질중유 Bunker-C	액화석유가스 LPG	납사 Naphtha
		US$/bbl					
1990		-	-	-	-	-	-
1991		-	-	-	-	-	-
1992		38.0	25.5	32.4	13.3	17.2	20.5
1993		27.7	24.0	33.5	11.4	15.1	17.2
1994		25.2	21.0	23.7	12.7	14.4	17.4
1995		27.7	21.8	23.7	14.5	18.4	18.4
1996		23.7	27.7	30.6	16.6	20.3	21.2
1997		25.0	24.5	25.3	15.8	21.0	23.8
1998		18.1	15.5	17.4	11.0	15.2	16.0
1999		22.9	19.2	23.7	15.6	17.8	20.2
2000		32.4	33.1	34.7	24.2	26.5	29.9
2001		28.5	27.5	30.8	20.9	25.1	26.1
2002		27.8	27.5	29.9	23.3	22.4	25.9
2003		35.3	32.4	36.3	27.2	28.1	31.5
2004		47.5	47.2	46.6	29.8	29.3	43.3
2005		62.1	64.8	60.9	42.1	38.8	53.8
2006		74.2	77.8	81.4	50.1	48.3	63.5
2007		86.4	84.9	97.7	61.8	49.4	77.4
2008		93.7	121.7	109.9	79.2	70.4	90.8
2009		70.5	69.3	72.0	59.3	48.7	61.6
2010		88.4	89.9	92.9	73.9	59.9	80.3
2011		118.2	125.5	130.4	102.4	72.5	103.7
2012		121.0	126.7	130.0	105.9	83.1	102.6
2013p		117.5	122.9	132.7	102.6	77.7	102.7
2012	7	112.3	117.5	116.7	96.7	88.9	88.1
	8	123.7	129.7	121.7	104.5	84.7	98.0
	9	123.5	131.1	132.0	104.8	89.2	104.1
	10	121.6	128.5	129.1	102.7	82.3	105.7
	11	118.4	125.0	127.2	101.5	82.9	105.5
	12	117.7	124.2	127.6	99.7	81.8	104.2
2013p	1	121.3	126.3	133.6	103.5	82.1	106.7
	2	129.6	129.2	140.6	107.4	80.5	109.3
	3	122.6	123.5	128.1	103.0	78.0	105.8
	4	113.2	116.2	119.1	98.9	68.8	101.3
	5	112.7	119.0	117.1	99.5	64.6	97.2
	6	116.1	118.0	118.2	99.5	0.0	97.3
	7	120.0	122.1	121.9	109.5	75.7	98.9
	8	116.7	123.6	120.2	99.5	85.9	102.2
	9	116.0	123.2	124.5	102.5	88.2	104.1
	10	113.3	123.1	124.8	101.7	84.0	99.2
	11	112.9	123.0	124.4	101.0	89.6	103.2
	11	116.3	125.4	129.3	106.0	81.5	107.9
2014p	1	116.0	121.8	125.3	103.0	77.1	102.8
	2	117.7	122.7	122.2	106.7	75.3	99.6
	3	117.6	121.9	123.3	100.9	77.0	102.9
	4	118.3	122.0	121.5	97.0	92.1	101.8
	5	119.0	122.2	120.3	97.8	87.7	101.6
	6	121.7	120.9	121.7	106.5	79.2	103.8
	7	120.4	119.3	118.7	100.2	86.6	108.4
2013p	1-7	119.6	122.4	135.5	103.6	77.2	102.4
2014p	1-7	118.5	121.6	122.8	101.4	77.7	103.4

주: 통관기준이며, 수출액은 FOB 가격임.
자료: 한국석유공사-PEDSIS

Note: Based on customs clearance. The exprort value is the FOB price.
Source: Korea National Oil Corporation-PEDSIS

7.1.4 정유사 판매 가격 Refiner prices

		휘발유	경유 Gas/Diesel oil		등유[1]	중질중유	LPG	
			선박용	자동차용			부탄	프로판
		Gasoline	MGO	Automobile	Kerosene	Bunker-C	Butane	Propane
		won/ℓ					won/kg	
1990		330.8	154.5	157.7	164.7	86.2	231.2	231.7
1991		428.1	154.5	157.7	200.7	85.6	224.4	225.0
1992		500.4	168.8	172.4	207.1	88.0	228.6	229.1
1993		552.7	181.9	185.9	223.1	92.5	235.4	236.0
1994		551.3	188.1	195.8	217.6	96.7	230.1	230.7
1995		537.1	200.0	207.9	227.2	119.5	239.3	239.9
1996		612.3	258.1	264.2	276.2	145.2	255.2	255.9
1997		769.2	319.9	329.9	325.5	202.7	-	-
1998		1,042.9	484.5	484.5	456.1	269.9	-	-
1999		1,112.4	457.6	470.1	414.6	231.1	-	-
2000		1,175.9	553.7	567.4	485.9	294.1	-	-
2001		1,214.5	592.0	607.6	505.3	309.6	-	-
2002		1,203.9	640.8	651.1	492.2	335.7	-	-
2003		1,231.6	748.3	748.9	571.8	350.5	-	-
2004		1,293.0	876.3	878.7	692.9	376.6	-	-
2005		1,359.4	1,045.7	1,045.6	806.8	433.0	-	-
2006		1,406.9	1,175.7	1,185.9	857.6	507.1	-	-
2007		1,433.6	1,156.3	1,199.8	837.9	491.3	-	-
2008		1,554.4	1,426.7	1,468.6	929.5	698.0	1,584.9	1,214.4
2009		1,491.8	1,216.6	1,267.4	798.0	638.7	1,229.9	850.1
2010		1,605.9	1,333.1	1,393.1	908.1	710.5	1,451.1	1,056.3
2011		1,809.8	1,572.9	1,630.6	1,144.2	917.8	1,656.6	1,230.1
2012		1,860.9	1,629.3	1,682.2	1,185.5	1,053.5	1,693.6	1,263.5
2013p		1,796.6	1,570.7	1,609.2	1,126.9	918.7	1,636.3	1,216.7
2012	7	1,803.1	1,556.8	1,641.4	1,122.0	1,018.9	1,651.4	1,202.2
	8	1,908.6	1,569.3	1,716.7	1,206.9	1,046.1	1,561.1	1,104.3
	9	1,884.5	1,653.0	1,714.9	1,226.6	1,049.5	1,591.2	1,165.0
	10	1,841.2	1,677.3	1,681.5	1,201.9	1,014.3	1,686.9	1,234.7
	11	1,795.6	1,632.0	1,637.5	1,151.9	955.4	1,694.9	1,237.2
	12	1,775.6	1,585.8	1,619.1	1,133.5	915.8	1,694.3	1,288.6
2013p	1	1,800.9	1,586.4	1,626.7	1,158.2	910.9	1,686.2	1,295.3
	2	1,878.0	1,577.3	1,675.9	1,204.5	934.7	1,684.8	1,288.1
	3	1,840.1	1,644.8	1,626.0	1,139.1	963.5	1,669.0	1,266.5
	4	1,774.6	1,607.5	1,579.3	1,088.4	951.3	1,673.0	1,256.4
	5	1,779.3	1,552.7	1,586.3	1,071.9	934.5	1,619.7	1,206.1
	6	1,815.1	1,530.1	1,610.8	1,097.2	939.0	1,586.6	1,167.9
	7	1,846.5	1,569.3	1,633.7	1,121.6	922.5	1,581.7	1,148.1
	8	1,804.7	1,606.4	1,621.6	1,149.1	913.0	1,620.8	1,188.3
	9	1,794.9	1,592.0	1,603.6	1,115.1	909.9	1,632.9	1,170.4
	10	1,749.5	1,580.3	1,586.8	1,098.2	899.5	1,633.8	1,182.0
	11	1,739.2	1,550.6	1,584.5	1,099.1	877.0	1,629.6	1,189.6
	12	1,747.6	1,544.3	1,592.8	1,117.2	880.5	1,626.8	1,199.1
2014p	1	1,746.8	1,563.2	1,570.1	1,089.1	898.1	1,739.7	1,321.4
	2	1,759.6	1,540.7	1,578.5	1,092.9	905.5	1,722.7	1,289.8
	3	1,765.4	1,558.4	1,568.1	1,075.0	914.0	1,716.3	1,293.7
	4	1,752.0	1,543.7	1,552.1	1,050.5	898.1	1,671.9	1,217.3
	5	1,743.0	1,532.2	1,538.0	1,023.7	891.8	1,667.5	1,209.1
	6	1,746.8	1,508.9	1,527.5	1,021.7	888.5	1,603.1	1,152.6
	7	1,753.8	1,496.9	1,511.8	976.5	880.4	1,592.6	1,155.2
2013p	1-7	1,819.2	1,581.2	1,619.8	1,125.8	936.6	1,643.0	1,232.6
2014p	1-7	1,752.5	1,534.9	1,549.4	1,047.1	896.6	1,673.4	1,234.1

1. 실내등유 기준
주: 세후 가격
자료: 한국석유공사-PETRONET

1. Excludes heating oil.
Note: All the prices include taxes.
Source: Korea National Oil Corporation-PETRONET

7.1.5 소비자 판매 가격 Consumer prices

		휘발유[1] Gasoline	경유[1] Gas/Diesel oil	등유 Kerosene		중질중유[2] Bunker-C	프로판[3] Propane	부탄 Butane	
				실내등유[1] Kerosen	보일러등유[1] Heating oil			일반용[3] Residential and Commercial	수송용[1] Transport
		won/ℓ					won/kg		won/ℓ
1990		383.5	182.0	191.3	-	95.3	415.0	-	126.3
1991		482.2	182.0	226.9	-	94.7	430.4	-	-
1992		546.0	198.7	235.8	-	97.5	449.4	-	-
1993		610.0	214.0	254.0	-	102.5	460.0	-	-
1994		611.0	227.1	271.0	-	106.5	475.0	-	-
1995		598.0	239.4	261.6	-	129.5	489.7	-	-
1996		675.9	300.8	314.7	-	156.7	510.0	-	-
1997		838.7	376.2	373.5	-	217.1	599.0	-	-
1998		1,122.6	553.5	524.2	415.6	279.7	815.0	-	-
1999		1,191.9	521.8	491.2	445.2	237.0	678.3	-	282.2
2000		1,248.4	612.8	559.6	544.9	299.3	809.3	-	358.7
2001		1,280.0	644.6	580.2	574.0	315.1	919.0	1,138.9	440.0
2002		1,269.1	677.6	554.4	553.5	329.6	887.3	1,108.1	457.7
2003		1,294.8	772.0	638.8	640.0	346.2	980.0	1,193.3	567.4
2004		1,365.3	907.9	752.2	757.5	373.4	1,050.2	1,234.5	673.9
2005		1,432.3	1,079.7	871.0	873.7	428.5	1,131.5	1,305.1	723.4
2006		1,492.4	1,228.2	931.9	936.2	491.4	1,242.7	1,392.3	747.9
2007		1,525.9	1,272.7	932.2	936.5	526.6	1,330.6	1,453.7	773.8
2008		1,692.1	1,614.4	1,238.7	1,238.6	757.1	1,789.9	1,898.2	1,009.0
2009		1,600.7	1,397.5	976.2	974.8	718.7	1,577.2	1,885.0	828.7
2010		1,710.4	1,502.8	1,076.0	1,075.2	772.3	1,812.7	2,072.0	952.2
2011		1,929.3	1,745.7	1,321.2	-	987.2	2,034.0	2,277.3	1,076.1
2012		1,985.8	1,806.3	1,394.1	-	1,088.7	2,105.9	2,352.0	1,101.9
2013[p]		1,924.5	1,729.6	1,366.7	-	935.4	2,085.3	2,337.6	1,070.8
2012	7	1,901.4	1,726.6	1,360.8	-	1,043.1	2,083.7	2,314.3	1,087.7
	8	1,971.3	1,784.8	1,376.7	-	1,021.7	2,020.0	2,253.5	1,042.3
	9	2,024.5	1,836.6	1,407.4	-	1,060.0	2,020.6	2,254.4	1,040.6
	10	2,005.7	1,820.8	1,408.6	-	1,081.0	2,116.7	2,357.1	1,096.6
	11	1,956.0	1,777.7	1,393.2	-	1,014.8	2,120.1	2,371.1	1,099.2
	12	1,935.6	1,759.9	1,380.8	-	945.7	2,113.8	2,372.3	1,099.3
2013[p]	1	1,924.6	1,749.6	1,373.8	-	924.0	2,111.6	2,368.0	1,099.4
	2	1,952.5	1,766.7	1,386.2	-	934.2	2,104.1	2,363.6	1,099.8
	3	1,986.5	1,786.0	1,400.0	-	997.1	2,100.7	2,360.1	1,090.3
	4	1,949.4	1,745.2	1,383.3	-	994.5	2,095.7	2,357.9	1,089.4
	5	1,899.9	1,699.4	1,356.2	-	976.1	2,060.0	2,313.2	1,062.4
	6	1,902.0	1,701.0	1,351.0	-	949.4	2,048.1	2,297.3	1,043.4
	7	1,933.1	1,729.7	1,356.9	-	976.0	2,047.2	2,296.1	1,042.1
	8	1,947.7	1,743.6	1,359.3	-	950.3	2,089.8	2,334.2	1,065.2
	9	1,934.6	1,734.3	1,359.3	-	959.2	2,091.2	2,332.0	1,065.1
	10	1,903.2	1,708.7	1,353.1	-	951.4	2,093.0	2,336.3	1,065.4
	11	1,880.0	1,692.9	1,350.1	-	929.6	2,095.4	2,345.0	1,064.9
	12	1,881.1	1,699.1	1,352.2	-	912.1	2,094.3	2,357.3	1,065.0
2014[p]	1	1,886.4	1,705.1	1,352.7	-	940.4	2,197.1	2,471.7	1,121.9
	2	1,880.7	1,698.5	1,349.3	-	940.4	2,203.7	2,481.6	1,122.4
	3	1,880.8	1,696.0	1,345.0	-	948.0	2,200.6	2,456.8	1,121.8
	4	1,875.9	1,688.9	1,335.0	-	937.3	2,169.5	2,439.6	1,097.4
	5	1,869.5	1,680.9	1,327.7	-	927.6	2,171.4	2,425.9	1,096.3
	6	1,861.3	1,670.2	1,321.6	-	915.8	2,118.2	2,360.1	1,055.8
	7	1,856.6	1,661.5	1,316.2	-	921.0	2,115.5	2,360.1	1,054.1
2013	1-7	1,935.4	1,739.7	1,372.5	-	964.5	2,081.1	2,336.6	1,075.3
2014	1-7	1,873.0	1,685.9	1,335.3	-	932.9	2,168.0	2,427.9	1,095.7

1. 주유소/충전소 판매 가격
2. 대리점 판매 가격
3. 판매소 판매 가격
주: 부가세 포함 가격
자료: 한국석유공사-PETRONET

1. Gas station sales prices
2. Agent sales price
3. Sales prices at general-purpose propane and butane stores.
Note: All the prices include VAT.
Source: Korea National Oil Corporation-PETRONET

7.2 석탄 및 전력 가격 Coal and electricity prices

		석탄 Coal		전력[3] Electricity		
		무연탄[1] Anthracite	연탄[2] Briquette	저압(전등) Lighting	고압(동력) Power	평균 Average
		won/ton	won/each	won/kWh		
1990		40,740	185	68.1	49.5	52.9
1991		40,740	185	72.3	50.2	54.2
1992		40,740	185	80.4	53.1	58.1
1993		40,740	185	81.2	54.1	58.9
1994		40,740	185	84.8	54.0	60.2
1995		40,740	185	84.8	51.7	61.3
1996		40,740	185	87.0	53.4	63.0
1997		42,849	185	90.2	55.3	65.3
1998		48,827	185	98.2	61.7	72.1
1999		55,455	185	96.7	61.7	71.6
2000		62,210	185	96.5	65.7	74.7
2001		62,210	185	94.8	69.3	77.1
2002		62,474	185	91.6	66.0	73.9
2003		65,598	199	90.5	67.8	74.7
2004		69,025	202	90.3	68.0	74.6
2005		76,197	202	89.6	68.2	74.5
2006		81,110	202	92.0	70.1	76.4
2007		89,220	230	92.5	72.2	77.9
2008		103,841	283	93.0	73.4	78.8
2009		116,809	319	93.5	79.9	83.6
2010		123,680	391	96.1	82.6	86.1
2011		131,456	391	98.5	86.3	89.3
2012		142,230	391	105.1	97.0	98.8
2013[p]		142,230	391	115.0	116.6	116.3
2012	7	142,230	391	107.5	102.0	103.1
	8	142,230	391	128.2	115.7	118.7
	9	142,230	391	117.0	94.8	99.9
	10	142,230	391	103.3	90.4	93.2
	11	142,230	391	101.6	108.2	106.6
	12	142,230	391	108.4	106.6	107.1
2013[p]	1	142,230	391	108.3	110.5	109.9
	2	142,230	391	110.7	114.6	113.5
	3	142,230	391	104.7	95.4	97.7
	4	142,230	391	100.1	94.3	95.7
	5	142,230	391	103.2	93.9	96.0
	6	142,230	391	106.3	93.4	96.1
	7	142,230	391	115.7	115.1	115.3
	8	142,230	391	133.8	117.8	121.5
	9	142,230	391	121.9	97.2	102.9
	10	142,230	391	106.7	93.0	95.7
	11	142,230	391	106.3	113.6	112.0
	12	142,230	391	115.0	116.6	116.3
2014[p]	1	142,230	391	115.4	116.2	116.0
	2	142,230	391	116.4	119.2	118.4
	3	142,230	391	109.1	98.3	100.8
	4	142,230	391	105.0	97.6	99.3
	5	142,230	391	108.6	96.6	99.0
	6	142,230	391	117.6	114.9	115.4
	7	142,230	391	130.6	121.8	123.5

1. 국내탄 5급(4,400~4,599㎉/kg) 최고가격 기준
2. 연탄공장에서 판매소까지의 수송비 개당 12.75원(상·하차비용포함)과 판매소 수수료 개당 5원을 포함한 판매소 가격
3. 2004년 1월 이후의 수용가수 및 판매량의 전등과 동력은 저압과 고압으로 변경.

자료: 전력통계속보, 한국전력공사; 대한석탄협회, 산업통상자원부

1. Based on the top price of Grade 5(4,400-4,599㎉/kg) of domestic coal.
2. Store prices include 12.75 won (including loading and unloading costs) per unit of transport expenses from the briquette plant to the store as well as 5 won per unit of the store commission.
3. The lighting and power of households and sales volume after January 2004 were changed to low tension and high tension.

Source: Electricity Statistics Newsflash, KEPCO; Korea Coal Association, Ministry of Trade, Industry and Energy

7.3 LNG 수입가격 및 도시가스 가격 LNG import prices and city gas prices

		천연가스[1] LNG		도시가스[2] Town Gas			
		도입금액 Import value	단가 Unit price	가정용[3] Residential	업무용[4] Commercial	산업용 Industrial	영업용[5] Business
		million US$	US$/ton	won/㎥, won/MJ			
1990		460	205	285	214	207	285
1991		485	195	285	211	199	285
1992		562	188	290	221	194	295
1993		781	175	295	230	194	305
1994		961	160	296	231	197	306
1995		1,275	189	301	237	197	309
1996		1,878	203	302	242	197	309
1997		2,296	200	326	266	207	319
1998		1,549	152	432	378	283	404
1999		1,973	161	404	357	248	353
2000		3,882	255	464	417	294	408
2001		3,990	260	498	496	369	479
2002		4,120	229	423	440	323	422
2003		5,082	263	452	469	357	450
2004		6,552	301	474	491	380	472
2005		8,646	387	486	503	396	489
2006		11,925	472	569	586	486	577
2007		12,653	495	599	616	509	608
2008		19,806	727	643	662	550	650
2009		13,875	537	690	744	629	731
2010		17,006	522	717	785	662	768
2011		23,859	650	784	838	724	828
2012		27,364	756	848	891	793	890
2013[p]		30,645	769	20.76	21.61	19.41	21.66
2012	7	2,257	820	869	909	814	909
	8	1,893	811	869	909	814	909
	9	2,142	767	869	909	814	909
	10	1,808	675	869	909	814	909
	11	2,010	673	869	909	814	909
	12	3,250	766	869	909	814	909
2013[p]	1	3,028	773	19.95	20.87	19.05	21.07
	2	3,195	780	20.81	21.73	19.91	21.93
	3	3,293	791	20.81	21.73	19.91	21.93
	4	2,598	746	20.81	21.73	19.38	21.73
	5	2,203	760	20.81	21.73	19.38	21.73
	6	2,154	777	20.81	21.73	19.38	21.73
	7	1,876	776	20.81	21.73	19.38	21.73
	8	2,497	767	21.03	21.79	19.37	21.77
	9	1,914	777	21.03	21.79	19.37	21.77
	10	2,383	752	21.03	21.79	19.42	21.80
	11	2,469	758	21.03	21.79	19.42	21.80
	12	3,034	761	21.03	21.79	19.87	21.97
2014[p]	1	3,594	807	22.23	22.99	21.07	23.17
	2	3,585	858	22.23	22.99	21.07	23.17
	3	3,513	858	22.23	22.99	21.07	23.17
	4	2,730	855	22.23	22.99	20.62	23.00
	5	1,853	851	22.23	22.99	20.62	23.00
	6	1,898	864	22.23	22.99	20.62	23.00
	7	1,841	849	22.01	22.77	20.34	22.75

1. CIF 기준
2. 서울지역 평균가격(부가세 제외), 2013년부터는 열량단위 단가
3. 취사용 가격
4. 업무난방용 가격
5. 직접적인 영리 목적의 영업활동(목욕탕 등 제외)
자료: 한국무역협회, 한국도시가스협회

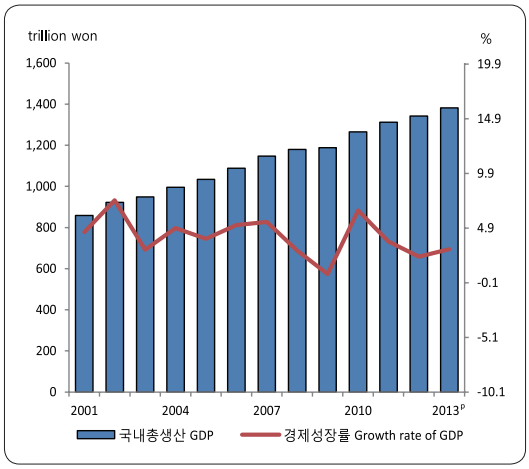
1. Based on CIF.
2. Average price in the Seoul area (excluding VAT), Based on mega Joule from 2013
3. Prices for cooking purpose.
4. Prices for heating of the building.
5. Price for business(except public bathhouse)
Source: Korea International Trade Association, Korea City Gas Association

8. 주요 경제 · 사회 지표

Major economic and social indicators

▢ 국내총생산, 경제성장률 GDP and growth rate of GDP

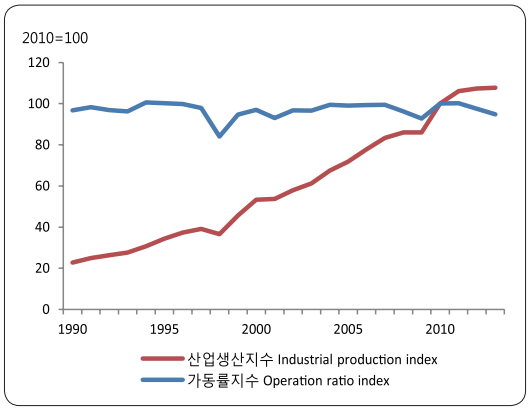
<2001~2013>



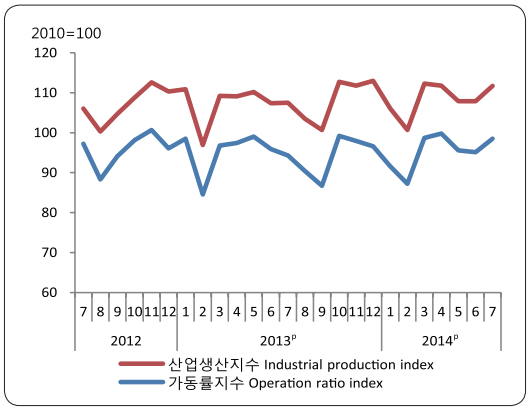
<월별 Monthly>

▢ 산업생산지수, 가동률지수 Industrial production index

<1990~2013>

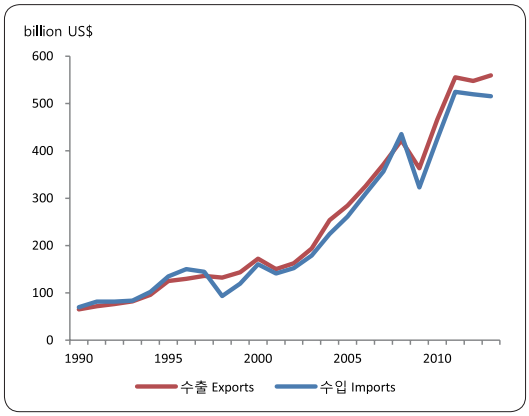


<월별 Monthly>



▢ 수출입 Imports and export

<1990~2013>



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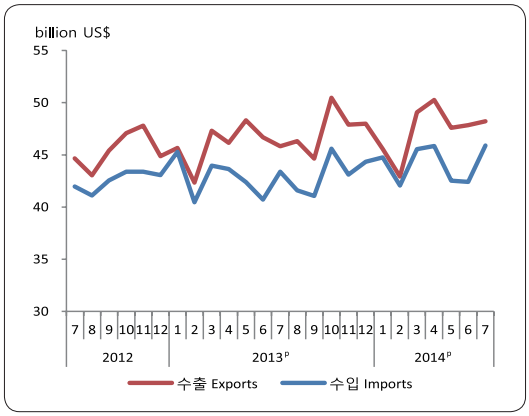


8.1. 주요 경제지표 Major economic indicators

		국내총생산[1] (시장가격) GDP at market prices	경제성장률 Growth rate of GDP	민간소비[1] Private consumption	설비투자[1] Facilities investment	건설투자[1] Construction investment	물가지수 Prices 생산자 Producer	물가지수 Prices 소비자 Consumer
		billion won	%	billion won			2010=100	
1990		-	-	-	-	-	56.4	44.5
1991		-	-	-	-	-	59.0	48.7
1992		-	-	-	-	-	60.3	51.7
1993		-	-	-	-	-	61.2	54.2
1994		-	-	-	-	-	62.9	57.6
1995		-	-	-	-	-	65.8	60.2
1996		-	-	-	-	-	67.9	63.2
1997		-	-	-	-	-	70.5	66.0
1998		-	-	-	-	-	79.1	70.9
1999		-	-	-	-	-	77.5	71.5
2000		820,844	-	456,116	86,709	161,913	79.1	73.1
2001		857,990	4.5	482,023	79,039	172,378	78.7	76.1
2002		921,759	7.4	524,830	84,584	183,365	78.5	78.2
2003		948,796	2.9	522,093	83,853	199,416	80.2	80.9
2004		995,286	4.9	523,418	86,813	202,484	85.1	83.8
2005		1,034,338	3.9	546,548	91,015	202,289	86.9	86.1
2006		1,087,876	5.2	571,617	98,650	203,690	87.7	88.1
2007		1,147,311	5.5	600,758	108,196	206,813	88.9	90.3
2008		1,179,771	2.8	609,005	108,014	201,160	96.5	94.5
2009		1,188,118	0.7	609,997	99,712	208,241	96.3	97.1
2010		1,265,308	6.5	636,713	121,621	200,618	100.0	100.0
2011		1,311,893	3.7	655,181	127,285	193,752	106.7	104.0
2012		1,341,967	2.3	667,781	127,444	186,108	107.5	106.3
2013[p]		1,381,838	3.0	681,325	125,585	198,606	105.7	107.7
2012	7	-	-	-	-	-	106.6	105.8
	8	-	-	-	-	-	107.2	106.3
	9	335,163	2.1	167,682	30,462	47,212	107.6	107.1
	10	-	-	-	-	-	106.8	106.9
	11	-	-	-	-	-	106.1	106.5
	12	352,371	2.1	170,160	29,962	52,210	105.8	106.7
2013[p]	1	-	-	-	-	-	106.0	107.3
	2	-	-	-	-	-	106.7	107.7
	3	324,550	2.1	170,872	29,414	37,988	106.3	107.6
	4	-	-	-	-	-	105.9	107.5
	5	-	-	-	-	-	105.6	107.5
	6	345,526	2.7	165,396	32,027	54,227	105.5	107.3
	7	-	-	-	-	-	105.5	107.6
	8	-	-	-	-	-	105.8	107.9
	9	346,427	3.4	171,193	30,924	51,349	105.7	108.1
	10	-	-	-	-	-	105.3	107.8
	11	-	-	-	-	-	105.1	107.8
	12	365,335	3.7	173,863	33,220	55,042	105.4	107.9
2014[p]	1	-	-	-	-	-	105.6	108.5
	2	-	-	-	-	-	105.8	108.8
	3	337,245	3.9	175,147	31,573	39,643	105.7	109.0
	4	-	-	-	-	-	105.6	109.1
	5	-	-	-	-	-	105.6	109.2
	6	357,897	3.6	167,829	34,549	54,466	105.6	109.1
	7	-	-	-	-	-	105.7	109.3

1. 2010년 연쇄가격, 원계열
자료: 한국은행

1. At chained 2010 year prices, original series
Source: Bank of Korea.

8.2. 산업생산 지수 Industrial production index

		총지수 All items	광업 및 제조업 Mining and manufacturing	1차 철강 Basic iron and steel	시멘트 Cement, lime and plaster and its products	기초화학물 Basic chemicals	수송장비 Motor vehicles, trailers and semitailer	전기장비 Electrical equipment	서비스업 Services
		2010=100							
1990		22.8	22.9	37.2	77.6	16.8	20.4	35.0	-
1991		25.0	25.1	41.8	93.4	21.4	23.6	38.7	-
1992		26.5	26.5	44.7	100.5	29.7	26.8	40.2	-
1993		27.7	27.6	50.4	102.9	33.1	31.3	42.5	-
1994		30.7	30.6	53.3	109.9	36.0	37.4	47.5	-
1995		34.4	34.2	57.7	117.9	37.9	43.8	54.7	-
1996		37.4	37.1	61.2	126.1	43.4	49.3	57.8	-
1997		39.2	38.8	64.8	128.4	53.9	49.0	57.6	-
1998		36.7	36.3	58.7	93.9	56.6	32.3	43.3	-
1999		45.7	45.4	65.3	95.9	61.3	49.6	54.7	-
2000		53.4	53.2	70.8	104.2	64.6	56.5	65.3	66.5
2001		53.7	53.3	72.0	108.6	64.1	55.9	65.0	70.5
2002		58.0	57.6	74.7	119.3	68.0	60.6	73.2	77.3
2003		61.2	60.8	79.5	127.3	70.4	64.5	73.3	78.0
2004		67.6	67.3	82.7	118.4	75.8	72.1	77.6	78.5
2005		71.9	71.5	81.8	107.0	78.8	78.1	80.4	81.4
2006		77.9	77.7	85.1	111.4	82.0	84.4	80.6	85.5
2007		83.3	83.2	89.4	119.0	87.3	89.7	84.2	91.3
2008		86.1	85.9	91.3	114.4	86.7	86.8	89.5	94.5
2009		86.0	85.7	81.8	106.4	92.1	81.2	90.9	96.3
2010		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2011		106.0	106.0	107.7	102.7	101.6	114.7	100.8	103.2
2012		107.4	107.5	108.8	101.6	105.8	114.5	98.8	104.8
2013p		107.7	107.8	108.1	104.1	111.4	115.9	96.4	106.3
2012	7	106.0	106.3	111.8	100.0	110.8	109.6	101.1	104.8
	8	100.3	100.3	106.7	88.8	111.1	79.8	95.4	103.9
	9	104.7	105.2	104.2	100.9	107.8	103.4	101.9	105.7
	10	108.8	109.3	106.1	107.1	101.4	117.5	103.1	104.7
	11	112.6	112.8	106.2	115.2	106.3	127.9	105.4	105.5
	12	110.3	109.6	108.0	87.2	110.3	119.9	94.0	112.7
2013p	1	110.9	110.1	110.4	73.5	111.6	122.8	93.2	102.1
	2	96.9	96.1	93.1	69.8	105.4	104.4	85.5	100.2
	3	109.2	109.1	109.7	111.1	107.8	114.2	100.0	106.4
	4	109.1	109.3	109.2	118.9	107.2	118.0	96.6	105.4
	5	110.2	110.7	111.9	126.1	112.1	117.2	99.3	107.7
	6	107.4	108.0	108.1	120.0	112.7	119.3	97.0	107.0
	7	107.5	107.8	109.6	101.7	117.6	107.8	97.1	105.6
	8	103.5	103.6	103.5	106.1	114.7	107.0	90.9	105.6
	9	100.7	101.0	100.5	90.5	110.4	93.9	92.0	105.5
	10	112.7	113.3	114.0	124.4	106.4	130.0	105.3	107.7
	11	111.8	111.9	113.0	108.8	113.3	127.5	102.1	107.4
	12	113.0	112.6	113.7	98.1	117.2	128.4	97.6	114.7
2014p	1	106.1	105.1	112.0	76.7	117.3	118.7	86.9	104.3
	2	100.7	100.0	104.2	73.3	104.8	116.5	89.9	101.3
	3	112.3	112.2	115.7	104.9	115.9	132.0	98.2	109.0
	4	111.8	112.2	113.5	122.1	113.4	132.1	98.9	106.4
	5	107.9	108.2	114.9	120.7	114.9	116.8	96.2	108.5
	6	107.9	108.3	114.5	116.2	110.5	118.4	101.2	109.7
	7	111.7	112.1	116.9	110.6	113.3	129.7	97.9	108.5

자료: 통계청 Source: Statistics Korea

8.3. 가동률 지수 Operation ratio index

		총지수 All items	1차 철강 Basic iron and steel	시멘트 Cement, lime and plaster and its products	기초화학물 Basic chemicals	수송장비 Motor vehicles, trailers and semitailer	전기장비 Electrical equipment
		2010=100					
1990		96.8	120.0	166.9	84.3	87.1	85.0
1991		98.3	115.5	176.4	83.2	91.7	89.5
1992		96.8	110.7	167.5	87.1	96.2	90.0
1993		96.3	112.5	162.2	88.3	99.1	89.8
1994		100.6	112.8	165.7	94.2	102.1	99.1
1995		100.2	109.6	167.4	94.4	105.6	106.5
1996		99.9	113.3	155.9	96.5	108.7	104.4
1997		98.0	115.6	152.7	100.2	97.3	102.7
1998		84.1	92.8	108.9	94.0	64.9	82.2
1999		94.7	94.1	114.4	99.3	86.7	102.3
2000		97.0	99.6	126.2	100.4	83.7	94.5
2001		93.0	100.9	131.8	98.2	77.7	94.1
2002		96.7	101.3	144.8	101.0	81.9	99.3
2003		96.7	104.5	144.6	100.4	82.4	92.2
2004		99.4	106.2	128.6	100.2	86.2	93.0
2005		99.0	104.2	113.7	100.0	91.4	96.8
2006		99.3	103.8	115.8	100.7	95.0	97.3
2007		99.4	101.9	121.0	101.5	98.8	95.3
2008		96.3	102.5	114.2	93.8	92.2	93.3
2009		92.8	88.9	107.9	96.4	84.6	91.5
2010		100.0	100.0	100.0	100.0	100.0	100.0
2011		100.2	100.5	101.8	97.5	106.5	96.7
2012		97.5	100.3	101.8	96.6	102.9	94.1
2013p		94.8	98.3	102.1	94.7	100.8	90.4
2012	7	97.2	102.6	100.2	100.4	96.2	96.9
	8	88.3	99.7	87.6	99.7	60.4	91.5
	9	94.1	95.9	100.3	97.7	90.6	97.0
	10	98.1	97.6	106.9	90.7	108.6	101.8
	11	100.7	97.2	116.0	94.8	120.9	102.9
	12	96.1	100.4	87.5	97.8	110.6	88.0
2013p	1	98.5	101.5	73.3	99.0	111.8	89.4
	2	84.5	84.7	66.7	90.3	91.7	79.9
	3	96.8	99.4	109.9	91.7	98.5	96.5
	4	97.4	99.7	119.5	91.3	102.9	90.9
	5	99.0	102.2	124.7	95.3	103.0	95.3
	6	95.9	98.7	118.4	96.2	106.7	90.2
	7	94.3	100.6	98.8	98.3	88.8	92.1
	8	90.4	94.7	103.2	97.5	88.9	84.7
	9	86.7	90.8	87.3	93.5	75.8	84.4
	10	99.2	102.2	120.1	89.1	114.1	97.9
	11	97.9	102.8	105.9	95.3	114.4	94.0
	12	96.6	102.7	97.9	99.4	113.0	89.4
2014p	1	91.6	101.8	75.1	98.5	100.3	80.0
	2	87.2	93.9	70.8	88.5	98.0	80.3
	3	98.7	105.2	102.7	97.8	116.1	91.0
	4	99.8	103.4	119.0	94.2	117.8	93.4
	5	95.6	104.9	116.4	96.3	100.5	91.2
	6	95.1	104.5	112.2	92.0	103.1	84.6
	7	98.5	106.5	106.0	93.1	110.9	94.4

자료: 통계청 Source: Statistics Korea

8.4. 투자활동지표 Investment activity indexes

		설비부문 Facility				건설부문 Construction		
		설비투자 Facility investment	설비용기계 내수출하[1] Domestic shipment index of machinery and equipment	기계류 수입액[2] Machinery import	국내 기계수주액[3] Value of domestic machinery orders received	건설기성액[3] Value of construction completed	국내 건설수주액[3] Value of domestic constuction order received	건축허가면적 Permitted floor area for building construction
		2010=100		million US$	billion won			1,000 m²
1990		-	34.7	-	-	-	20,964	-
1991		-	39.0	-	-	-	25,569	-
1992		-	38.2	-	-	-	27,861	-
1993		-	39.6	-	-	-	33,246	-
1994		-	48.4	-	-	-	39,394	-
1995		56.7	58.7	21,976	-	-	49,025	-
1996		64.2	65.9	20,171	-	-	59,535	-
1997		60.6	66.2	18,303	18,270	-	62,722	-
1998		37.9	41.5	7,876	11,508	46,887	36,027	-
1999		53.8	54.5	10,216	13,954	47,449	36,299	72,531
2000		69.9	74.9	15,259	16,583	45,990	41,778	81,055
2001		64.2	71.0	12,259	15,712	50,576	50,995	97,717
2002		69.7	78.4	14,138	18,909	56,216	67,834	138,734
2003		68.1	76.9	17,256	18,125	65,553	80,897	142,108
2004		70.6	75.2	22,508	19,430	72,838	77,774	117,461
2005		74.7	75.5	25,640	19,012	75,831	83,489	111,506
2006		84.2	83.7	28,834	22,042	77,839	91,001	133,270
2007		90.0	86.5	30,986	26,575	82,939	112,502	150,957
2008		87.9	87.9	30,729	23,679	87,032	113,581	120,658
2009		79.5	83.2	25,086	21,863	89,819	109,088	105,137
2010		100.0	100.0	37,503	23,369	92,276	89,814	125,447
2011		103.5	104.9	39,666	25,588	91,717	95,332	137,868
2012		100.6	100.0	38,219	22,593	88,713	89,395	137,142
2013[p]		99.3	90.6	37,366	24,116	97,938	75,681	127,066
2012	7	105.4	97.7	3,233	1,934	7,037	6,824	11,441
	8	90.1	89.3	2,809	1,581	6,582	5,390	10,028
	9	93.1	89.7	2,720	1,770	7,732	6,181	11,600
	10	94.5	94.1	2,814	1,589	7,343	5,800	9,984
	11	92.4	94.9	2,705	1,725	8,098	7,239	10,563
	12	102.2	103.7	2,821	1,819	10,235	9,556	18,200
2013[p]	1	89.8	82.2	2,879	1,920	6,266	3,546	8,414
	2	83.5	77.8	2,650	1,737	6,222	4,431	7,268
	3	100.4	94.2	2,955	2,176	7,657	5,448	10,160
	4	98.2	90.1	3,180	1,928	8,089	4,946	9,758
	5	101.6	93.1	3,029	2,222	8,142	6,073	10,838
	6	102.0	101.9	2,998	1,983	9,476	7,124	10,007
	7	108.0	89.9	3,587	2,018	7,839	5,675	11,234
	8	100.1	84.4	3,216	1,681	7,657	4,709	10,417
	9	88.2	83.5	2,997	1,646	8,183	6,070	10,298
	10	108.9	91.4	3,649	2,738	8,628	7,347	10,569
	11	101.4	92.8	2,983	2,208	9,083	7,895	13,269
	12	108.9	106.3	3,243	1,860	10,696	12,416	14,834
2014[p]	1	88.4	77.2	2,551	1,780	7,034	5,300	7,030
	2	93.8	81.7	2,931	1,934	6,654	5,393	12,075
	3	107.6	96.7	3,299	3,172	7,938	4,807	11,480
	4	108.7	92.9	3,488	2,395	8,457	7,290	13,143
	5	107.2	94.8	3,136	1,937	8,173	6,247	11,643
	6	104.4	98.2	3,085	2,103	9,486	9,163	12,441
	7	111.0	92.9	3,084	1,891	7,902	6,902	12,243

1. 선박 제외
2. 내수용, 정밀기기포함.
3. 경상금액
자료: 통계청

1. Excluding vessels.
2. Include Domestic demand and precision instruments
3. Current Account
Source: Statistics Korea

8.5. 국제수지 Balance of payments

		수출 Exports	수입 Imports	경상수지 Current account	상품수지 Goods	서비스수지 Services	본원소득수지 Primary income	이전소득수지 Secondary income	자본수지 Capital account
		million US$							
1990		65,016	69,844	-2,404	-3,280	471	-527	932	-
1991		71,870	81,525	-7,605	-6,713	-1,050	-582	740	-
1992		76,632	81,775	-2,432	-959	-1,876	-501	905	-
1993		82,236	83,800	2,026	3,031	-1,071	-701	767	-
1994		96,013	102,348	-4,464	-3,531	-630	-1,117	814	-
1995		125,058	135,119	-9,752	-6,518	-1,484	-2,040	291	-
1996		129,715	150,339	-23,831	-16,699	-4,762	-2,102	-268	-
1997		136,164	144,616	-10,285	-6,217	-1,360	-3,053	345	-
1998		132,313	93,282	40,057	39,546	2,780	-5,087	2,819	442
1999		143,685	119,752	21,608	25,254	936	-5,415	833	56
2000		172,268	160,481	10,444	15,631	-973	-4,000	-214	38
2001		150,439	141,098	2,700	9,839	-2,369	-3,508	-1,261	-64
2002		162,471	152,126	4,693	14,905	-5,939	-2,159	-2,114	-9
2003		193,817	178,827	11,877	22,477	-4,961	-2,474	-3,165	-48
2004		253,845	224,463	29,743	39,278	-5,163	-1,333	-3,038	10
2005		284,419	261,238	12,655	32,313	-9,130	-7,269	-3,258	-1
2006		325,465	309,383	3,569	25,174	-13,214	-4,010	-4,382	-69
2007		371,489	356,846	11,795	32,838	-13,247	-3,409	-4,387	6
2008		422,007	435,275	3,190	12,198	-6,543	-1,198	-1,267	26
2009		363,534	323,085	33,593	47,814	-9,590	-2,436	-2,195	-70
2010		466,384	425,212	28,850	47,915	-14,238	490	-5,317	-63
2011		555,214	524,413	18,656	29,090	-12,279	6,561	-4,716	-112
2012		547,870	519,584	50,835	49,406	-5,214	12,117	-5,474	-42
2013p		559,632	515,586	79,884	80,569	-7,927	11,425	-4,182	-28
2012	7	44,668	41,977	8,413	7,530	110	1,261	-487	-6
	8	43,045	41,116	1,809	2,118	-844	965	-430	-2
	9	45,413	42,560	6,665	6,247	55	746	-383	-2
	10	47,088	43,380	7,494	7,473	-415	868	-431	-5
	11	47,805	43,382	8,294	8,581	-834	989	-442	1
	12	44,875	43,069	7,301	7,261	-486	1,301	-775	-3
2013p	1	45,673	45,297	1,969	2,855	-1,784	1,435	-537	-8
	2	42,332	40,458	2,147	2,733	-1,394	1,035	-228	-3
	3	47,313	43,977	6,342	6,488	-335	313	-124	8
	4	46,158	43,648	4,553	5,103	6	-354	-202	-1
	5	48,308	42,390	9,752	9,592	-298	670	-212	-11
	6	46,691	40,719	6,500	5,304	-117	1,519	-206	-15
	7	45,830	43,384	7,985	7,912	-1,058	1,396	-265	1
	8	46,311	41,594	7,198	7,378	-806	912	-287	18
	9	44,650	41,055	8,599	8,587	-199	854	-643	-7
	10	50,480	45,605	11,108	9,817	394	1,261	-363	-2
	11	47,905	43,106	6,855	8,176	-1,923	1,011	-409	0
	12	47,981	44,351	6,876	6,625	-413	1,373	-709	-8
2014p	1	45,571	44,748	3,285	4,367	-1,912	1,211	-381	-3
	2	42,917	42,061	4,499	5,403	-1,059	372	-217	4
	3	49,075	45,538	7,286	7,975	-648	323	-363	-3
	4	50,272	45,854	7,125	10,648	-1,043	-1,620	-861	3
	5	47,589	42,539	9,081	9,134	-336	725	-442	-4
	6	47,842	42,403	7,920	6,647	-575	2,226	-377	-3
	7	48,219	45,889	7,843	6,794	-7	1,489	-433	-6

자료: 한국은행 Source: Bank of Korea

8.6. 자동차 등록대수 Motor vehicle registration

		총대수 Total	용도별 By use		유종별 By fuel type				
			영업용 Commercial	비영업용 Non-Commercial	휘발유 Gasoline	경유 Diesel	LPG	CNG	하이브리드 Hybrid
		1,000 unit							
1990		3,395	322	3,073	-	-	-	-	-
1991		4,248	-	4,248	-	-	-	-	-
1992		5,231	-	5,231	-	-	-	-	-
1993		6,274	-	6,274	-	-	-	-	-
1994		7,404	417	6,987	-	-	-	-	-
1995		8,469	449	8,020	-	-	-	-	-
1996		9,553	480	9,073	-	-	-	-	-
1997		10,413	503	9,910	-	-	-	-	-
1998		10,470	511	9,959	-	-	-	-	-
1999		11,164	564	10,600	-	-	-	-	-
2000		12,059	620	11,439	1,831	3,594	1,214	-	-
2001		12,914	669	12,246	1,586	4,030	1,428	-	-
2002		13,949	723	13,226	1,382	4,607	1,625	-	-
2003		14,587	751	13,836	1,246	5,055	1,723	1	-
2004		14,934	767	14,167	1,238	5,385	1,794	5	-
2005		15,397	784	14,613	1,576	5,650	1,890	9	-
2006		15,895	817	15,078	1,942	5,869	2,047	12	-
2007		16,428	871	15,557	2,280	6,087	2,187	15	-
2008		16,794	911	15,883	2,578	6,137	2,321	20	4
2009		17,325	930	16,395	3,008	6,285	2,391	25	5
2010		17,941	974	16,967	3,354	6,483	2,444	29	7
2011		18,437	1,011	17,426	3,556	6,705	2,429	32	23
2012		18,871	1,052	17,818	3,637	7,002	2,415	37	57
2013p		19,401	1,126	18,275	3,707	7,396	2,392	40	85
2012	7	18,702	1,040	17,662	3,607	6,875	2,430	35	41
	8	18,713	1,041	17,672	3,612	6,890	2,425	36	43
	9	18,758	1,043	17,714	3,620	6,918	2,425	36	46
	10	18,800	1,046	17,754	3,626	6,947	2,422	36	49
	11	18,855	1,050	17,805	3,633	6,981	2,421	37	53
	12	18,871	1,052	17,818	3,637	7,002	2,415	37	57
2013p	1	18,943	1,058	17,886	3,645	7,045	2,415	37	60
	2	18,979	1,062	17,917	3,651	7,069	2,413	38	61
	3	19,021	1,066	17,955	3,657	7,098	2,412	38	64
	4	19,070	1,071	17,999	3,663	7,131	2,412	38	66
	5	19,114	1,080	18,034	3,669	7,164	2,411	38	69
	6	19,160	1,092	18,068	3,675	7,199	2,409	39	72
	7	19,223	1,101	18,121	3,682	7,242	2,408	39	74
	8	19,259	1,106	18,153	3,689	7,271	2,405	39	77
	9	19,294	1,109	18,184	3,695	7,296	2,403	39	78
	10	19,343	1,115	18,228	3,700	7,337	2,400	39	81
	11	19,387	1,120	18,267	3,704	7,374	2,398	39	83
	12	19,401	1,126	18,275	3,707	7,396	2,392	40	85
2014p	1	19,492	1,133	18,359	3,714	7,454	2,391	40	88
	2	19,538	1,138	18,400	3,718	7,488	2,387	40	91
	3	19,596	1,144	18,452	3,725	7,530	2,382	40	94
	4	19,663	1,154	18,509	3,731	7,575	2,380	40	97
	5	19,720	1,162	18,557	3,737	7,615	2,377	40	100
	6	19,780	1,170	18,610	3,742	7,662	2,373	40	103
	7	19,899	1,184	18,715	3,755	7,757	2,363	40	108

자료: 국토교통부 Source: Ministry of Land, Infrastructure and Transport

8.7. 냉난방도일 Heating and cooling degree-days

		평균기온 Average temperature	난방도일 Heating degree day	냉방도일 Cooling degree day
		℃		
1990		12.8	2,557.6	673.8
1991		12.3	2,748.9	704.0
1992		12.5	2,636.2	623.6
1993		12.0	2,723.7	564.6
1994		13.5	2,510.8	909.3
1995		12.2	2,738.9	646.3
1996		12.2	2,843.9	742.3
1997		12.9	2,625.4	784.6
1998		13.8	2,322.9	803.0
1999		13.2	2,560.3	829.1
2000		12.7	2,758.5	823.7
2001		12.8	2,721.0	844.8
2002		12.9	2,545.8	689.5
2003		12.8	2,509.4	636.8
2004		13.3	2,467.4	766.1
2005		12.1	2,889.5	750.4
2006		13.0	2,524.1	721.7
2007		13.3	2,483.2	761.4
2008		12.9	2,589.0	745.9
2009		12.9	2,585.4	743.4
2010		12.1	2,953.4	814.8
2011		12.0	2,882.6	722.6
2012		12.2	2,967.7	870.0
2013p		13.2	2,926.0	908.9
2012	7	25.4	0.0	229.8
	8	27.1	0.0	283.1
	9	21.0	4.1	93.0
	10	15.3	91.0	8.8
	11	5.5	373.8	0.0
	12	-4.1	685.7	0.0
2013p	1	-3.4	664.4	0.0
	2	-1.2	538.7	0.0
	3	5.1	398.8	0.0
	4	10.0	239.8	0.0
	5	18.2	38.6	45.5
	6	24.4	0.0	192.3
	7	25.5	0.0	233.1
	8	27.7	0.0	300.6
	9	21.8	2.2	114.8
	10	15.8	91.5	22.6
	11	6.2	388.3	0.0
	12	-0.2	563.7	0.0
2014p	1	-0.7	579.0	0.0
	2	1.9	450.0	0.0
	3	7.9	313.4	0.0
	4	14.0	123.4	2.3
	5	18.9	35.1	64.4
	6	23.1	0.0	151.9
	7	26.1	0.0	252.6

주: 서울시 기준
자료: 기상청

Note: Based on Seoul
Source: Korea Meteorological Administration

8.8. 도시가구 가계수지 Average income and expenditure per household in cities

	도시가구 Houshold in cities				도시근로자 가구 Household for urban salsry and wage earner's households			
	소득 Income	소비지출 Consumption expenditure	교통 Transport	연료비 Fuel expenses	소득 Income	소비지출 Consumption expenditure	교통 Transport	연료비 Fuel expenses
	1,000 won							
1990	938	603	48	22	945	579	47	21
1991	1,148	719	59	25	1,163	694	58	23
1992	1,338	826	70	29	1,359	804	72	27
1993	1,445	896	85	33	1,472	872	85	32
1994	1,658	1,009	106	35	1,686	991	113	33
1995	1,871	1,125	123	40	1,898	1,100	129	39
1996	2,096	1,269	142	47	2,149	1,251	155	45
1997	2,211	1,330	158	53	2,269	1,306	164	51
1998	1,968	1,177	137	59	2,138	1,181	147	58
1999	2,032	1,334	167	61	2,235	1,355	183	59
2000	2,221	1,484	186	70	2,388	1,491	194	68
2001	2,426	1,600	192	75	2,658	1,628	208	72
2002	2,592	1,670	202	75	2,835	1,697	209	73
2003	2,712	1,757	203	77	2,931	1,793	216	75
2004	2,868	1,849	214	80	3,112	1,897	229	78
2005	2,973	1,926	229	85	3,252	1,991	244	83
2006	3,117	1,997	246	88	3,444	2,071	262	86
2007	3,283	2,073	253	90	3,656	2,164	280	87
2008	3,489	2,180	266	96	3,901	2,309	294	94
2009	3,469	2,180	266	98	3,853	2,310	291	97
2010	3,670	2,313	269	109	4,008	2,435	294	108
2011	3,894	2,404	284	111	4,249	2,531	304	109
2012	4,127	2,485	299	117	4,492	2,622	327	116
2013p	4,203	2,507	306	118	4,606	2,655	334	116
2012 1/4	4,178	2,594	280	181	4,682	2,771	309	180
2/4	3,994	2,414	303	109	4,313	2,571	344	108
3/4	4,188	2,499	298	76	4,584	2,635	321	75
4/4	4,137	2,436	314	103	4,517	2,567	341	101
2013p 1/4	4,238	2,571	296	186	4,784	2,750	329	185
2/4	4,076	2,423	305	111	4,447	2,591	347	110
3/4	4,303	2,531	313	77	4,737	2,674	342	76
4/4	4,210	2,506	313	98	4,617	2,650	336	96
2014p 1/4	4,442	2,670	325	176	4,975	2,839	367	173
2/4	4,187	2,503	329	102	4,550	2,676	355	102

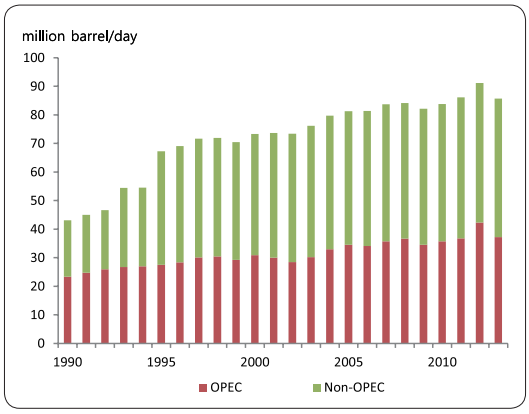
자료: 통계청 Source: Statistics Korea

9. 해외 에너지

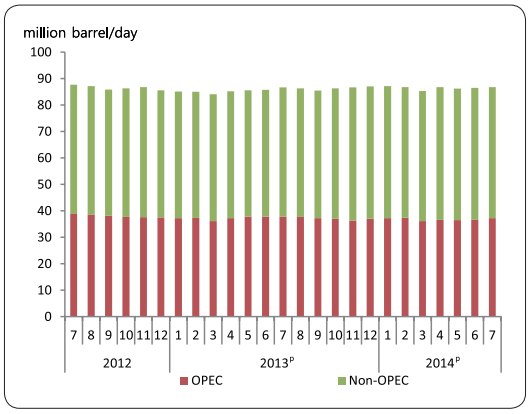
World energy

▢ 세계 원유 생산 World crude oil production

<1990~2013>

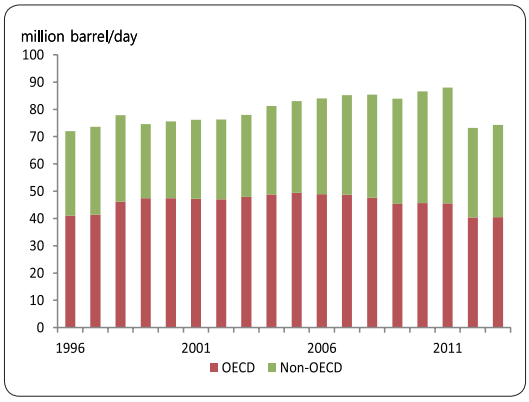


<월별 Monthly>



▢ 세계 석유 소비 World petroleum consumption

<1990~2013>



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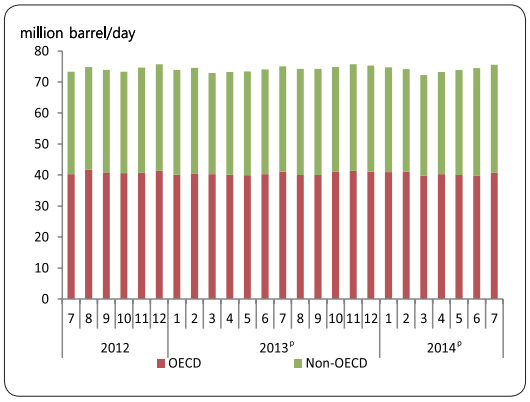
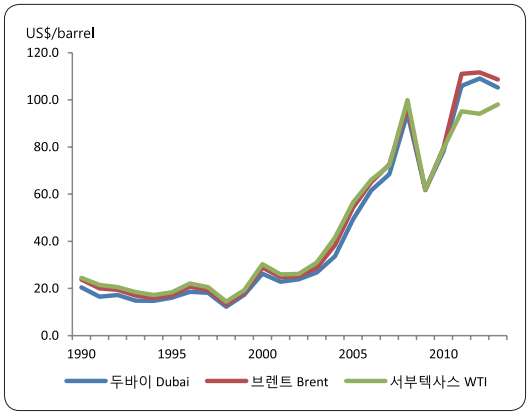


▢ 국제 석유 가격 International oil price

<1990~2013>



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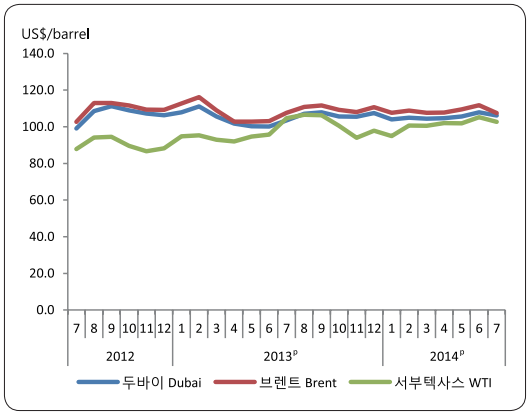

9.1.1 세계 원유 생산: OPEC World crude oil production: OPEC members

		OPEC[1] Total	사우디아라비아[2] Saudi Arabia	이란 Iran	이라크 Iraq	쿠웨이트[2] Kuwait	아랍에미레이트 UAE	베네주엘라 Venezuela	나이지리아 Nigera
		1,000 barrel/day							
1990		23,346	6,424	3,083	2,004	1,234	2,039	2,090	1,779
1991		24,721	8,159	3,317	277	188	2,388	2,321	1,890
1992		25,968	8,449	3,408	375	1,026	2,279	2,277	1,904
1993		26,761	8,198	3,604	496	1,852	2,197	2,328	1,921
1994		27,033	8,093	3,600	600	2,027	2,172	2,477	1,906
1995		27,544	8,187	3,600	600	2,053	2,193	2,695	1,886
1996		28,368	8,212	3,651	627	2,062	2,205	3,012	2,061
1997		30,136	8,620	3,629	1,210	2,109	2,247	3,266	2,204
1998		30,486	8,403	3,589	2,129	2,090	2,257	3,132	2,057
1999		29,277	7,821	3,499	2,504	1,893	2,085	2,787	2,044
2000		30,882	8,439	3,657	2,548	2,122	2,295	2,893	2,036
2001		30,037	8,046	3,634	2,364	2,015	2,168	2,821	2,150
2002		28,442	7,581	3,418	1,986	1,892	1,984	2,613	1,977
2003		30,214	8,715	3,732	1,335	2,133	2,239	2,277	2,171
2004		32,991	9,079	3,879	2,122	2,294	2,329	2,638	2,376
2005		34,494	9,523	3,890	1,808	2,588	2,413	2,705	2,449
2006		34,113	9,222	3,783	1,943	2,438	2,417	2,578	2,266
2007		35,757	8,691	3,810	2,126	2,412	2,463	2,346	2,111
2008		36,712	9,088	3,806	2,290	2,487	2,558	2,215	1,966
2009		34,548	8,070	3,526	2,408	2,221	2,225	2,431	1,841
2010		35,738	8,297	3,570	2,414	2,382	2,339	2,513	1,956
2011		36,746	9,418	3,524	2,688	2,588	2,570	2,538	1,984
2012		42,341	9,777	2,837	3,013	2,898	2,638	2,392	1,898
2013[p]		37,192	9,597	2,560	3,073	2,844	2,773	2,408	1,756
2012	7	38,740	10,085	2,600	3,179	2,950	2,765	2,415	2,000
	8	38,581	9,753	2,565	3,245	2,980	2,713	2,420	1,987
	9	38,107	9,775	2,540	3,070	2,930	2,750	2,396	2,005
	10	37,687	9,663	2,500	3,222	2,888	2,675	2,297	1,529
	11	37,603	9,700	2,550	3,093	2,900	2,545	2,307	1,763
	12	37,499	9,045	2,625	2,865	2,990	2,685	2,348	2,025
2013[p]	1	37,214	9,015	2,622	3,050	2,950	2,640	2,368	1,930
	2	37,290	9,100	2,626	3,015	2,900	2,725	2,358	1,940
	3	36,060	9,050	2,622	2,920	1,876	2,808	2,377	1,889
	4	37,177	9,300	2,510	3,168	2,705	2,781	2,374	1,738
	5	37,810	9,657	2,503	3,176	2,960	2,770	2,410	1,802
	6	37,748	9,642	2,598	3,035	2,980	2,836	2,400	1,758
	7	37,773	9,696	2,591	3,082	3,011	2,877	2,391	1,610
	8	37,646	10,190	2,553	3,230	2,995	2,812	2,415	1,592
	9	37,247	10,192	2,451	2,833	2,964	2,888	2,436	1,736
	10	37,037	9,753	2,463	3,001	2,898	2,827	2,468	1,798
	11	36,289	9,746	2,567	3,194	2,944	2,572	2,418	1,550
	12	37,018	9,819	2,618	3,176	2,940	2,739	2,487	1,730
2014[p]	1	37,171	9,767	2,650	2,983	2,935	2,717	2,468	1,781
	2	37,422	9,850	2,659	3,635	2,900	2,701	2,454	1,707
	3	36,128	9,566	2,626	3,271	2,860	2,778	2,424	1,629
	4	36,590	9,660	2,575	3,443	2,927	2,606	2,415	1,655
	5	36,480	9,705	2,439	3,407	2,822	2,847	2,404	1,640
	6	36,533	9,780	2,511	3,062	2,800	2,855	2,390	1,655
	7	37,218	10,006	2,561	3,042	2,851	2,863	2,320	1,704

1. 기타석유, NGL, Cond. 포함.
2. 중립지대 지분 포함.
자료: 한국석유공사

1. Include others, NGL, Cond.
2. Include the Neutral zone
Source: Korea National Oil Coporation

9.1.2 세계 원유 생산: 비OPEC　　World crude oil production: Non-OPEC and world

		세계[1] World	비OPEC[1] Non-OPEC	미국 USA	캐나다 Canada	러시아 Russia	중국 China	멕시코 Mexico	브라질 Brazil
		1,000 barrel/day							
1990		43,114	19,769	7,268	-	-	2,760	2,538	-
1991		44,990	20,269	7,350	-	-	2,790	2,671	-
1992		46,670	20,702	7,173	-	-	2,783	2,675	-
1993		54,428	27,667	6,864	-	6,845	2,887	2,654	-
1994		54,573	27,540	6,664	-	6,096	2,982	2,708	-
1995		67,270	39,726	6,528	1,973	6,009	3,029	2,611	695
1996		69,097	40,729	6,466	2,038	5,910	3,180	2,856	790
1997		71,711	41,575	6,419	2,124	5,989	3,267	3,021	920
1998		71,928	41,442	6,320	2,169	5,889	3,194	3,051	972
1999		70,492	41,215	5,912	2,106	5,968	3,190	2,942	1,126
2000		73,361	42,479	5,740	2,130	6,231	3,256	3,038	1,270
2001		73,699	43,662	5,648	2,043	6,785	3,268	3,129	1,305
2002		73,425	44,982	5,723	2,213	7,379	3,398	3,223	1,515
2003		76,227	46,013	5,695	2,375	8,166	3,405	3,380	1,555
2004		79,769	46,778	5,401	2,493	8,895	3,478	3,430	1,557
2005		81,289	46,795	5,245	2,398	9,207	3,600	3,350	1,746
2006		81,410	47,296	5,278	2,532	9,409	3,670	3,300	1,854
2007		83,739	47,982	5,229	2,697	9,641	3,759	3,079	1,895
2008		84,193	47,482	5,074	2,644	9,526	3,813	2,811	1,909
2009		82,183	47,635	5,456	2,707	9,567	3,757	2,604	1,987
2010		83,804	48,066	5,198	2,804	9,713	4,012	2,566	2,106
2011		86,110	49,364	5,511	2,964	9,915	4,096	2,530	2,170
2012		91,197	48,856	6,185	3,186	10,214	4,102	2,527	2,125
2013[p]		85,734	48,541	7,517	3,403	10,551	4,189	2,526	2,127
2012	7	87,625	48,885	6,246	3,172	10,356	4,042	2,521	2,164
	8	87,097	48,516	6,028	3,186	10,351	4,047	2,512	2,072
	9	85,842	47,735	6,007	3,220	10,407	4,086	2,542	2,055
	10	86,288	48,601	6,444	3,157	10,458	4,245	2,520	2,112
	11	86,694	49,091	6,670	3,345	10,502	4,109	2,489	2,067
	12	85,570	48,071	6,786	3,450	10,485	4,233	2,558	2,072
2013[p]	1	85,049	47,835	6,790	3,530	10,470	4,241	2,552	2,131
	2	84,979	47,689	6,837	3,466	10,455	4,214	2,565	2,083
	3	84,041	47,981	7,069	3,422	10,465	4,217	2,549	2,102
	4	85,137	47,960	7,310	3,425	10,466	4,183	2,561	2,055
	5	85,507	47,697	7,093	3,226	10,491	4,199	2,496	2,013
	6	85,728	47,980	7,433	3,213	10,527	4,156	2,496	2,115
	7	86,612	48,839	7,692	3,222	10,563	4,258	2,512	2,196
	8	86,242	48,596	7,673	3,307	10,516	4,055	2,513	2,196
	9	85,478	48,231	7,754	3,380	10,526	4,060	2,478	2,157
	10	86,312	49,275	7,974	3,497	10,584	4,162	2,529	2,157
	11	86,663	50,374	8,268	3,546	10,761	4,312	2,555	2,158
	12	87,058	50,040	8,306	3,598	10,792	4,216	2,506	2,160
2014[p]	1	87,067	49,896	8,280	3,609	10,618	4,204	2,530	2,167
	2	86,741	49,319	8,193	3,636	10,578	4,179	2,506	2,171
	3	85,288	49,160	8,279	3,496	10,535	4,294	2,469	2,119
	4	86,732	50,142	8,401	3,564	10,536	4,304	2,468	2,195
	5	86,201	49,721	8,671	3,388	10,530	4,241	2,497	2,225
	6	86,484	49,951	8,702	3,347	10,616	4,186	2,500	2,282
	7	86,710	49,492	8,512	3,483	10,536	4,132	2,478	2,146

1. 기타석유, NGL, Cond. 포함.
자료: 한국석유공사

1. Include others, NGL, Cond.
Source: Korea National Oil Coporation

9.2. 세계 석유 소비 World petroleum consumption

		세계 World	OECD	비OECD Non-OECD	OPEC	미국 USA	중국 China	인도 India
		1,000 barrel/day						
1990		-	-	-	-	-	-	-
1991		-	-	-	-	-	-	-
1992		-	-	-	-	-	-	-
1993		-	-	-	-	-	-	-
1994		-	-	-	-	-	-	-
1995		-	-	-	-	-	-	-
1996		71,975	41,047	30,928	5,525	18,236	3,522	1,676
1997		73,574	41,384	32,191	5,690	18,551	3,890	1,761
1998		73,808	46,097	31,742	5,799	18,783	3,796	1,824
1999		74,627	47,385	27,242	5,832	19,354	4,048	1,966
2000		75,615	47,386	28,229	5,698	19,567	4,821	1,994
2001		76,181	47,232	28,948	5,892	19,674	4,674	1,979
2002		76,332	47,065	29,267	6,163	19,645	4,816	1,997
2003		77,968	47,949	30,018	6,368	20,056	5,218	1,932
2004		81,210	48,866	32,344	7,195	20,401	6,132	2,153
2005		83,046	49,411	33,635	7,697	20,829	6,479	2,449
2006		84,036	48,965	35,071	8,164	20,847	7,007	2,614
2007		85,176	48,747	36,429	8,639	20,860	7,521	2,736
2008		85,365	47,614	37,752	8,806	19,803	7,928	3,004
2009		83,946	45,310	38,635	9,024	18,719	8,169	3,112
2010		86,578	45,672	40,906	9,250	19,249	9,048	3,299
2011		89,234	45,499	42,498	9,282	19,123	9,556	3,451
2012		90,071	40,367	32,853	8,945	18,758	9,623	3,607
2013p		91,456	40,487	33,795	8,839	18,840	10,216	3,719
2012	7	90,262	40,288	33,033	9,567	18,649	9,205	3,419
	8	91,526	41,725	33,112	9,454	19,182	9,202	3,253
	9	91,199	40,831	33,102	9,303	18,542	9,209	3,446
	10	90,569	40,621	32,689	9,109	18,938	9,471	3,550
	11	92,712	40,804	33,855	8,922	18,958	10,155	3,879
	12	90,981	41,462	34,235	8,684	18,999	10,514	3,798
2013p	1	89,598	40,105	33,802	8,481	18,604	10,455	3,488
	2	91,930	40,398	34,124	8,289	18,600	10,901	3,789
	3	90,876	40,315	32,604	8,284	18,531	9,974	3,823
	4	91,869	40,076	33,138	8,396	18,502	9,977	3,764
	5	91,612	39,973	33,441	8,831	18,854	9,865	3,867
	6	91,135	40,240	33,813	9,422	18,796	9,327	3,813
	7	91,964	41,137	33,922	9,439	19,583	9,907	3,672
	8	92,402	40,056	34,176	9,637	18,724	9,754	3,486
	9	91,362	40,004	34,229	9,377	18,650	10,464	3,487
	10	93,013	41,023	33,779	9,010	19,132	10,266	3,660
	11	93,488	41,388	34,328	8,503	19,204	10,869	3,869
	12	93,002	41,130	34,183	8,404	18,900	10,829	3,906
2014p	1	92,050	40,949	33,775	8,086	19,395	10,777	3,834
	2	92,992	41,138	32,969	8,124	18,941	10,472	3,971
	3	90,540	39,778	32,446	8,465	18,790	10,082	3,996
	4	91,065	40,238	33,001	8,403	18,837	9,931	3,924
	5	91,612	40,051	33,849	9,192	18,941	9,920	4,079
	6	92,956	39,898	34,590	9,971	18,982	10,360	3,903
	7	93,162	40,797	34,795	9,778	19,487	10,334	3,792

자료: 한국석유공사 Source: Korea National Oil Coporation

9.3. 국제 석유 가격 International oil price

		OPEC 바스켓 OPEC Basket	아랍라이트 Arab Light	두바이[1] Dubai	브렌트[1] Brent	서부텍사스[1] WTI	오만[1] Oman
		US$/barrel					
1990		21.3	20.7	20.5	23.8	24.5	20.8
1991		17.7	17.4	16.6	20.1	21.5	17.1
1992		17.8	17.9	17.2	19.4	20.6	17.7
1993		15.6	15.7	14.9	17.1	18.5	15.8
1994		15.5	15.4	14.8	16.0	17.2	15.3
1995		16.9	16.8	16.1	17.2	18.4	16.4
1996		20.3	19.8	18.6	20.7	22.2	19.3
1997		18.8	18.8	18.2	19.3	20.6	18.6
1998		12.3	12.3	12.2	13.2	14.4	12.1
1999		17.5	17.4	17.3	18.2	19.3	17.4
2000		27.6	26.8	26.3	28.9	30.3	26.8
2001		23.2	23.1	22.8	24.8	26.0	22.9
2002		24.5	24.3	23.9	25.2	26.2	24.1
2003		28.2	27.8	26.8	28.8	31.1	27.4
2004		36.0	34.5	33.6	38.4	41.5	34.4
2005		50.7	50.2	49.4	54.3	56.5	50.6
2006		61.0	61.0	61.6	65.1	66.0	62.7
2007		69.5	69.1	68.4	72.6	72.2	68.8
2008		94.1	94.8	94.3	97.5	99.9	95.0
2009		60.9	61.2	61.9	61.7	61.9	62.2
2010		77.4	77.8	78.1	79.7	79.5	78.4
2011		107.4	107.9	106.0	111.1	95.1	106.7
2012		109.5	110.3	109.0	111.7	94.2	109.3
2013[p]		105.8	106.5	105.3	108.7	98.0	105.5
2012	7	99.6	99.9	99.1	102.7	87.9	99.4
	8	109.5	109.9	108.6	113.0	94.1	108.9
	9	110.7	111.3	111.2	113.0	94.5	111.3
	10	108.4	109.1	109.0	111.6	89.5	108.9
	11	106.9	108.5	107.3	109.3	86.6	107.3
	12	106.9	108.4	106.4	109.2	88.2	106.4
2013[p]	1	109.3	110.6	107.9	112.7	94.8	107.9
	2	112.8	114.0	111.1	116.2	95.3	111.1
	3	106.4	107.6	105.6	109.0	92.9	105.6
	4	101.1	102.0	101.7	102.8	92.0	101.7
	5	100.7	101.1	100.3	102.8	94.7	100.5
	6	101.0	101.3	100.2	103.1	95.8	100.3
	7	104.5	105.0	103.6	107.7	104.7	103.5
	8	107.5	108.1	107.1	110.8	106.6	107.3
	9	108.7	109.5	107.9	111.6	106.2	108.6
	10	106.7	107.1	105.6	109.3	100.5	106.7
	11	105.0	104.8	105.5	108.0	94.0	106.0
	12	107.7	108.1	107.5	110.7	97.9	107.9
2014[p]	1	104.7	105.7	104.0	107.7	94.9	104.0
	2	105.4	106.3	105.0	108.9	100.7	105.0
	3	104.2	104.8	104.4	107.7	100.5	104.4
	4	104.3	104.9	104.6	107.8	102.0	104.9
	5	105.4	105.8	105.6	109.4	101.8	105.8
	6	107.9	108.6	107.9	111.8	105.2	108.1
	7	105.6	107.2	106.1	107.4	102.6	106.3

1. 현물가격
자료: OPEC

1. Spot Prices
Source: OPEC

부록

Appendix

에너지 용어 Glossary

- 냉난방도일(Heating/Cooling Degree-Days) : 일평균 온도와 기준온도 18℃와의 차이를 일별로 누적한 값. 일평균 온도가 기준온도보다 높은 경우 냉방도일로, 낮은 경우는 난방도일로 계산
- 비에너지유(Non-Energy Use) : 납사, 용제, 아스팔트를 포함
- 에너지유(Energy Use) : 휘발유, 등유, 경유, 벙커유, 제트유를 포함
- 재고증감(Stock Change) : 생산자, 수입자 및 에너지전환 산업체의 재고의 증감을 나타내며, 최종소비자의 재고는 제외
- 중유(Residual Fuel Oil) : 중질 연료유로 중유(벙커유)가 이에 해당
- BPSD(Barrel per Stream Day) : 석유정제설비의 능력을 표시하는 단위로서, 연간 처리량을 가동일수로 나눈 값임
- C & F(Cost and Freight) : FOB가격에 수송비를 포함
- CIF(Cost, Insurance and Freight) : C & F가격에 보험료를 포함하며, 주로 수입가에 적용함
- FOB(Free on Board) : 본선인도가격으로 수출가격 기준으로 주로 적용함
- LNG(Liquefied Natural Gas) : 수송 및 저장이 용이하도록 압축 또는 냉각으로 액화된 천연가스
- LPG(Liquefied Petroleum Gas) : 액화석유가스로 정제공정 및 원유 안정화 공정에서 생산한 파라핀계의 탄화수소물로, 주성분은 프로판, 부탄 또는 이들 두가지의 혼합물로 구성
- NGL(Natural Gas Liquid) : 액화탄화수소물로서 천연가스의 제조┌정제 및 안정화 공정에서 생산되며, 주성분으로 에탄, 프로판, 부탄, 천연가솔린, 콘덴세이트 및 소량의 비탄화수소물을 포함
- TOE(Ton of Oil Equivalent) : 원유 1톤이 가지고 있는 열량으로 10^7 Kcal임

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- 일반회원(국외) : $2,000
- 에너지포럼회원(국내) : 1,000,000원

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에 너 지 통 계 월 보

2014. 10

발 행 일 : 2014년 10월
발 행 인 : 손 양 훈
발 행 처 : 에너지경제연구원
우 437 - 713
경기도 의왕시 내손순환로 132(내손2동 665-1)

Vol. 30. No. 10

MONTHLY ENERGY STATISTICS

Published on October 2014
Publisher : Yang-Hoon Sonn
Published by Korea Energy Economics Institute
132 Naesonsunhwan-ro, Uiwang-si, Gyeonggi-do, Korea, 437-713

인 쇄 : 범신사