

에너지통계 월보

MONTHLY
ENERGY
STATISTICS



2020년 2월 자료



KOREA ENERGY ECONOMICS INSTITUTE



에너지경제연구원
Korea Energy Economics Institute

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약어 ABBREVIATIONS

GWh : gigawatt hour
MWh : megawatt hour
Kcal : kilocalorie
Mt : million tonnes
t : metric ton = tonne = 1000kg
toe : tonne of oil equivalent = 10^7 kcal

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
C&F : Cost & Freight

- nil
p Preliminary
... not available
e estimate

열량환산계수 적용안내

에너지법 시행규칙 제5조제1항에 의거 2007년부터 매 5년마다 변경된 열량을 적용하고 있으니 이용에 유의하시기 바랍니다.

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1. 일러두기

가. 에너지밸런스 변경 사항

1) 개요

- 일부 에너지원의 에너지소비 업종 및 용도 분류 방법 개선, 과거 석유제품 시계열의 갱신(2018년 5월 기준의 석유류수급통계 기준 일괄 적용), 국내 에너지열량 환산 기준이 존재하지 않는 일부 에너지원의 열량 산정 기준 명확화(IEA 기준 적용), 지역 냉·난방 열에너지 포함범위 현실화 등을 통해 1990년 이후의 에너지밸런스의 신뢰성을 제고.
- 2018년 에너지통계연보부터 변경된 에너지밸런스를 수록

2) 석탄

- 유연탄: 일부 연료용 유연탄 소비업종의 분류 수정 (섬유·의복 → 석유·화학)
 - 2000년부터 적용
- 무연탄: 수입무연탄 소비용도 분류 방법 개선
 - 2007년부터 발전용 수입무연탄 소비량 조정
 - * 기존: 발전용 수입무연탄 소비량 = 수입무연탄 소비량 × 수입무연탄 소비실태조사 결과의 발전용 비중
 - * 변경: 발전용 수입무연탄 소비량 = 한전의 발전용 무연탄 소비량 × 석탄협회의 발전용 국내무연탄 소비량
 - 산업부문 무연탄 소비량 수정
 - * 산업부문 무연탄 소비량은 무연탄 총소비량에서 발전용과 가정용 무연탄 소비량을 제외한 값으로 산정하기 때문에 상기 발전용 수입무연탄 소비량 수정으로 인해 조정됨.
 - 2012년 이후 산업부문 수입무연탄 열량환산 방법 개선
 - * 기존: 원료용 수입무연탄 발열량을 적용
 - * 변경: 산업용 무연탄 소비용도를 원료용(PCI탄)과 연료용으로 구분하여 각각의 열량을 적용 (2012년부터 열량을 구분하여 공표)
- 유·무연탄 수급 자료의 월간 수치 합계와 연간수치 사이의 정합성 보정
 - 1990년부터 적용

3) 석유

- 2018년 5월 기준의 PEDSIS(석유류수급통계)자료 기준으로 1994년 이후의 시계열 갱신
- PEDSIS의 “석유정제업” 항목을 “기타에너지”에서 “석유·화학”으로 이동

● 에너지유: 경유

– 육상수송 소비량에서 바이오디젤(2004년부터 데이터 집계) 소비량 제외

* 기존: PEDSIS의 “도로” 소비량

* 변경: PEDSIS의 “도로” 소비량 신재생에너지의 바이오디젤 생산량

● 비에너지유: 파라핀왁스

– 열량 환산 기준 변경

* IEA 기준인 10,030kcal/kg 사용

– 열량 환산 기준 단위를 ℓ 에서 kg으로 변경함에 따라 7.72bbl/ton(한국석유공사 석유류수급통계 기준)을 적용하여 단위를 환산

● 비에너지유: 기타 석유제품

– 기타 석유제품에는 부생연료유(등유형), 부생연료유(중유형), 기타제품, 정제가스가 포함됨.

– 기존에는 부생연료1호 열량환산기준(리터당 8,800kcal)을 일괄 적용하였으나, 각 제품별로 열량환산기준을 각각 적용하여 시계열 수정

* 부생연료유(등유형): 8,850kcal/ℓ (11년 이전)→ 8,800kcal/ℓ (12~16년)→ 8,860kcal/ℓ (17년 이후)

* 부생연료유(중유형): 9,700kcal/ℓ (11년 이전)→ 9,550kcal/ℓ (12~16년)→ 9,530kcal/ℓ (17년 이후)

* 기타제품: 10,101kcal/kg(IEA 기준) 적용

* 정제가스: 12,418kcal/kg(IEA 기준) 적용

– 기타제품과 정제가스의 열량 환산 기준 단위를 ℓ 에서 kg으로 변경함에 따라 각각 6.05bbl/ton, 13.98bbl/ton(한국석유공사 석유류수급통계 기준)을 적용하여 단위를 환산

4) 열에너지

● 기존: 3개 집단에너지사업자(한국지역난방공사, 서울에너지공사, GS파워)의 지역냉·난방 열 생산 및 판매량 자료만 반영

● 변경: 변경: 1998년부터 「집단에너지사업편람」(한국에너지공단)의 지역냉·난방부문 열생산 및 판매량을 모두 반영

5) 신재생에너지

● 2011년 이후 발전 및 최종에너지 소비의 부문별 소비량을 재분류

● 「신에너지 및 재생에너지 개발·이용·보급 촉진법」 개정(2019.10)에 따라 신재생에너지를 신재생 및 기타로 변경하였으며, 수치분리는 2020년 연보 발간시 반영할 예정임.

나. 단위

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

다. 열량

- 에너지수급통계는 에너지법 시행령 제15조제1항에 따라 정하는 에너지열량환산 기준 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 제 5조 제2항).
- 2007년 이전까지는 일부 에너지원이 추가되는 수준의 열량개정이 이루어져 통계에 큰 영향을 주지 못했으나 2007년부터는 동일 에너지원이라도 열량차이가 커서 시행 첫년도에는 단층현상 발생
- 따라서 2007년 이후 5년 주기의 열량개정에 따라 발생하는 개정 첫년도의 단층현상 완화를 위하여 개선안을 연구 중이며, 2017년 통계는 혼란을 줄이기 위하여 기존 열량을 적용한 통계를 별도 제공

라. 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, 우리나라는 1차에너지 중에서 수입에너지가 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
- 총부가가치는 불변가격 기준이며, 미 달러화 표시는 환율을 이용하여 재계산. 2010년 이전에는 국제재무통계(IFS, IMF)의 연평균환율을 적용, 최근 환율은 한은의 연평균환율 적용

7) 에너지 소비의 GDP 탄력성

- 경제활동 변화에 대한 에너지소비 변화의 탄력도를 의미함. 경제활동을 나타내는 자료는 GDP를 이용하며, 1차에너지 소비 증감율을 GDP 증감율로 나누어서 계산

2. 단위 및 열량환산표 Unit Conversion Factors

가. 부피 Volume

| 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 | 4.329004 × 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 Mass

| Units | g | kg | oz | lb | metric ton | Short ton(미) | Long ton(영) |
|--------------|--------------------------|------------------|--------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------|
| 1 g | 1 | 10 ⁻³ | 0.03527396 | 2.204623 × 10 ⁻³ | 10 ⁻⁶ | 1.102311 × 10 ⁻⁶ | 9.842 × 10 ⁻⁷ |
| 1 kg | 1000. | 1 | 36.27396 | 2.204623 | 10 ⁻³ | 1.102311 × 10 ⁻³ | 9.842 × 10 ⁻⁴ |
| 1 oz(avdp) | 28.34952 | 0.02834952 | 1 | 0.0625 | 2.834952 × 10 ⁻⁵ | 5 × 10 ⁻¹ | 2.790 × 10 ⁻⁵ |
| 1 lb(avdp) | 453.5924 | 0.4535924 | 16 | 1 | 4.535924 × 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 Energy

| 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... × 10 ⁻⁷ | 1 |

라. 비중과 톤당 용적(60°F 시)
(비 중)

| 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 (메트릭톤) | 롱 톤 | 숏 톤 | 배럴 | 입방미터 (m³) | 1천 갤런 (영) | 1천 갤런 (미) |
|-------------|-------------|-------|-------|------|--------------|--------------|--------------|
| 톤 (메트릭톤) | 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 렐 | 0.136 | 0.134 | 0.150 | 1 | 0.159 | 0.035 | 0.042 |
| 입 방 미 터(m³) | 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 런 (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

1) 7차 에너지열량 환산기준(2017)

2017년 12월 28일 개정(에너지 시행규칙 제5조 제1항)

| 구분 | 에너지원 | 단위 | 총발열량 | | | 순발열량 | | |
|--------------|--------------|-----------------|------|--------|---------------------------------|------|--------|---------------------------------|
| | | | MJ | kcal | 석유환산톤 (10 ⁻³ toe) | MJ | kcal | 석유환산톤 (10 ⁻³ toe) |
| 석유 (17종) | 원유 | kg | 45.0 | 10,750 | 1.075 | 42.2 | 10,080 | 1.008 |
| | 휘발유 | ℓ | 32.7 | 7,810 | 0.781 | 30.4 | 7,260 | 0.726 |
| | 등유 | ℓ | 36.7 | 8,770 | 0.877 | 34.2 | 8,170 | 0.817 |
| | 경유 | ℓ | 37.8 | 9,030 | 0.903 | 35.2 | 8,410 | 0.841 |
| | B-A유 | ℓ | 39.0 | 9,310 | 0.931 | 36.4 | 8,690 | 0.869 |
| | B-B유 | ℓ | 40.5 | 9,670 | 0.967 | 38.0 | 9,080 | 0.908 |
| | B-C유 | ℓ | 41.7 | 9,960 | 0.996 | 39.2 | 9,360 | 0.936 |
| | 프로판(LPG1호) | kg | 50.4 | 12,040 | 1.204 | 46.3 | 11,060 | 1.106 |
| | 부탄(LPG3호) | kg | 49.5 | 11,820 | 1.182 | 45.7 | 10,920 | 1.092 |
| | 나프타 | ℓ | 32.3 | 7,710 | 0.771 | 29.9 | 7,140 | 0.714 |
| | 용제 | ℓ | 32.8 | 7,830 | 0.783 | 30.3 | 7,240 | 0.724 |
| | 항공유 | ℓ | 36.5 | 8,720 | 0.872 | 33.9 | 8,100 | 0.810 |
| | 아스팔트 | kg | 41.4 | 9,890 | 0.989 | 39.2 | 9,360 | 0.936 |
| | 윤활유 | ℓ | 40.0 | 9,550 | 0.955 | 37.3 | 8,910 | 0.891 |
| | 석유코크스 | kg | 35.0 | 8,360 | 0.836 | 34.2 | 8,170 | 0.817 |
| | 부생연료유1호 | ℓ | 37.1 | 8,860 | 0.886 | 34.6 | 8,260 | 0.826 |
| | 부생연료유2호 | ℓ | 39.9 | 9,530 | 0.953 | 37.7 | 9,000 | 0.900 |
| 가스 (3종) | 천연가스(LNG) | kg | 54.7 | 13,060 | 1.306 | 49.4 | 11,800 | 1.180 |
| | 도시가스(LNG) | Nm ³ | 43.1 | 10,290 | 1.029 | 38.9 | 9,290 | 0.929 |
| | 도시가스(LPG) | Nm ³ | 63.6 | 15,190 | 1.519 | 58.4 | 13,950 | 1.395 |
| 석탄 (7종) | 국내무연탄 | kg | 19.8 | 4,730 | 0.473 | 19.4 | 4,630 | 0.463 |
| | 연료용 수입무연탄 | kg | 21.2 | 5,060 | 0.506 | 20.5 | 4,900 | 0.490 |
| | 원료용 수입무연탄 | kg | 25.2 | 6,020 | 0.602 | 24.7 | 5,900 | 0.590 |
| | 연료용 유연탄(역청탄) | kg | 24.8 | 5,920 | 0.592 | 23.7 | 5,660 | 0.566 |
| | 원료용 유연탄(역청탄) | kg | 29.2 | 6,970 | 0.697 | 28.0 | 6,690 | 0.669 |
| | 아역청탄 | kg | 21.4 | 5,110 | 0.511 | 19.9 | 4,750 | 0.475 |
| | 코크스 | kg | 29.0 | 6,930 | 0.693 | 28.9 | 6,900 | 0.690 |
| 전기 등 (3종) | 전기(발전기준) | kWh | 8.9 | 2,130 | 0.213 | 8.9 | 2,130 | 0.213 |
| | 전기(소비기준) | kWh | 9.6 | 2,290 | 0.229 | 9.6 | 2,290 | 0.229 |
| | 신탄 | kg | 18.8 | 4,500 | 0.450 | - | - | - |

- 주 1) “총발열량”이란 연료의 연소과정에서 발생하는 수증기의 잠열을 포함한 발열량을 말한다.
 2) “순발열량”이란 연료의 연소과정에서 발생하는 수증기의 잠열을 제외한 발열량을 말한다.
 3) “석유환산톤”(toe: ton of oil equivalent)이란 원유 1톤이 갖는 열량으로 10⁷kcal를 말한다.
 4) 석탄의 발열량은 인수식을 기준으로 한다.
 5) 최종에너지사용자가 사용하는 전기에너지를 열에너지로 환산할 경우에는 1kWh=860kcal를 적용한다.
 6) 1cal=4.1868J, Nm³은 0℃ 1기압 상태의 단위체적(세제곱미터)을 말한다.
 7) 에너지원별 발열량(MJ)은 소수점 아래 둘째 자리에서 반올림한 값이며, 발열량(kcal)은 발열량(MJ)으로부터 환산한 후 1의 자리에서 반올림한 값이다. 두 단위 간 상충될 경우 발열량(MJ)이 우선한다.

2) 총발열량 추이 Trend of Gross Calorific Value

| 구분 | | 단위 | 총발열량(kcal) | | | | | | | '12년 대비 열량 증감 |
|--------------|--------------|-----|------------|--------|--------|----------|--------|--------|--------|------------------|
| | | | 1980 | 1981 | 1987 | 1990 | 2007 | 2012 | 2017 | |
| 석유 (17종) | 원유 | kg | 10,000 | 10,000 | 10,000 | 10,000 | 10,750 | 10,730 | 10,750 | - |
| | 휘발유 | ℓ | 8,300 | 8,300 | 8,300 | 8,300 | 8,000 | 7,780 | 7,810 | ↑ 30 |
| | 등유(실내) | ℓ | 8,700 | 8,700 | 8,700 | 8,700 | 8,800 | 8,790 | 8,770 | ↓ 20 |
| | 등유(보일러) | | | | | | 8,950 | | | |
| | 경 유 | ℓ | 9,200 | 9,200 | 9,200 | 9,200 | 9,050 | 9,010 | 9,030 | ↑ 20 |
| | B-A | ℓ | 9,500 | 9,400 | 9,400 | 9,400 | 9,300 | 9,290 | 9,310 | ↑ 20 |
| | B-B | ℓ | 9,200 | 9,700 | 9,700 | 9,700 | 9,650 | 9,670 | 9,670 | - |
| | B-c | ℓ | 9,900 | 9,900 | 9,900 | 9,900 | 9,900 | 9,950 | 9,960 | ↑ 10 |
| | 프로판 | kg | 12,000 | 12,000 | 12,000 | 12,000 | 12,050 | 12,050 | 12,040 | ↓ 10 |
| | 부탄 | kg | 11,800 | 11,800 | 11,800 | 11,800 | 11,850 | 11,850 | 11,820 | ↓ 30 |
| | 납사 | ℓ | 8,000 | 8,000 | 8,000 | 8,000 | 8,050 | 7,710 | 7,710 | - |
| | 용제 | ℓ | - | - | - | (8,200) | 7,950 | 7,950 | 7,830 | ↓ 120 |
| | 항공유(JA-1) | ℓ | - | 8,700 | 8,700 | 8,700 | 8,750 | 8,730 | 8,720 | ↓ 10 |
| | 항공유(JP-4) | ℓ | - | 8,500 | 8,500 | 8,500 | | | | |
| | 항공유(AVI-G) | ℓ | - | 8,700 | 8,700 | 8,700 | | | | |
| | 아스팔트 | kg | - | - | - | (10,000) | 9,900 | 9,910 | 9,890 | ↓ 20 |
| | 윤 활 유 | ℓ | - | - | - | (9,400) | 9,250 | 9,500 | 9,550 | ↑ 50 |
| | 석유코크스 | kg | - | - | - | (10,800) | 8,100 | 8,000 | 8,360 | ↑ 360 |
| | 부생연료 1호 | ℓ | - | - | - | - | 8,850 | 8,800 | 8,860 | ↑ 60 |
| | 부생연료 2호 | ℓ | - | - | - | - | 9,700 | 9,550 | 9,530 | ↓ 20 |
| 가스 (3종) | 천연가스(LNG) | kg | - | 9,500 | 12,980 | 13,000 | 13,000 | 13,040 | 13,060 | ↑ 20 |
| | 도시가스(LNG) | Nm³ | 7,000 | 7,000 | 7,000 | 10,500 | 10,550 | 10,430 | 10,290 | ↓ 140 |
| | 도시가스(LPG) | Nm³ | - | - | - | 15,000 | 15,000 | 15,000 | 15,190 | ↑ 190 |
| 석탄 (7종) | 국내 무연탄 | kg | 4,600 | 4,600 | 4,500 | 4,500 | 4,650 | 4,500 | 4,730 | ↑ 230 |
| | 연료용 수입 무연탄 | kg | - | - | - | 6,000 | 6,550 | 5,020 | 5,060 | ↑ 40 |
| | 원료용 수입 무연탄 | kg | | | | | | 5,900 | 6,020 | ↑ 120 |
| | 연료용 유연탄(역청탄) | kg | 6,600 | 6,600 | 6,600 | 6,600 | 6,200 | 6,160 | 5,920 | ↓ 240 |
| | 원료용 유연탄(역청탄) | kg | | | | | 7,000 | 7,000 | 6,970 | ↓ 30 |
| | 아역청탄 | kg | - | - | - | - | 5,350 | 5,420 | 5,110 | ↓ 310 |
| | 코크스 | kg | 6,500 | 6,500 | 6,500 | 6,500 | 7,050 | 6,960 | 6,930 | ↓ 30 |
| 전기 등 (3종) | 전기(발전기준) | kWh | 2,500 | 2,500 | 2,500 | 2,500 | 2,150 | 2,110 | 2,130 | ↑ 20 |
| | 전기(소비기준) | kWh | - | - | - | - | - | 2,300 | 2,290 | ↓ 10 |
| | 신탄 | kg | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | 4,500 | - |

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 : 제339001호(2002.04.02.)
- 통계작성 목적 : 에너지수요와 공급에 영향을 미치는 여러가지 요인을 비교분석함으로써 에너지 수요전망, 에너지 효율 분석 등 각종 에너지 정책 수립을 위한 기초자료 제공

나. 연혁

- 1982. 11. : 에너지통계연보 초안 작성
- 1983. 11. ~ 2001. 9. : 에너지통계연보 작성 발간(20호)
- 2002. 4. : 통계작성 승인(제339001호, 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 에너지수급통계작성기관에서 매월 생산 및 판매 실적을 보고받아 에너지경제연구원에서 에너지밸런스 및 국가에너지수급 관련 통계를 작성
※ 에너지 수급 통계 작성 Flow 참조

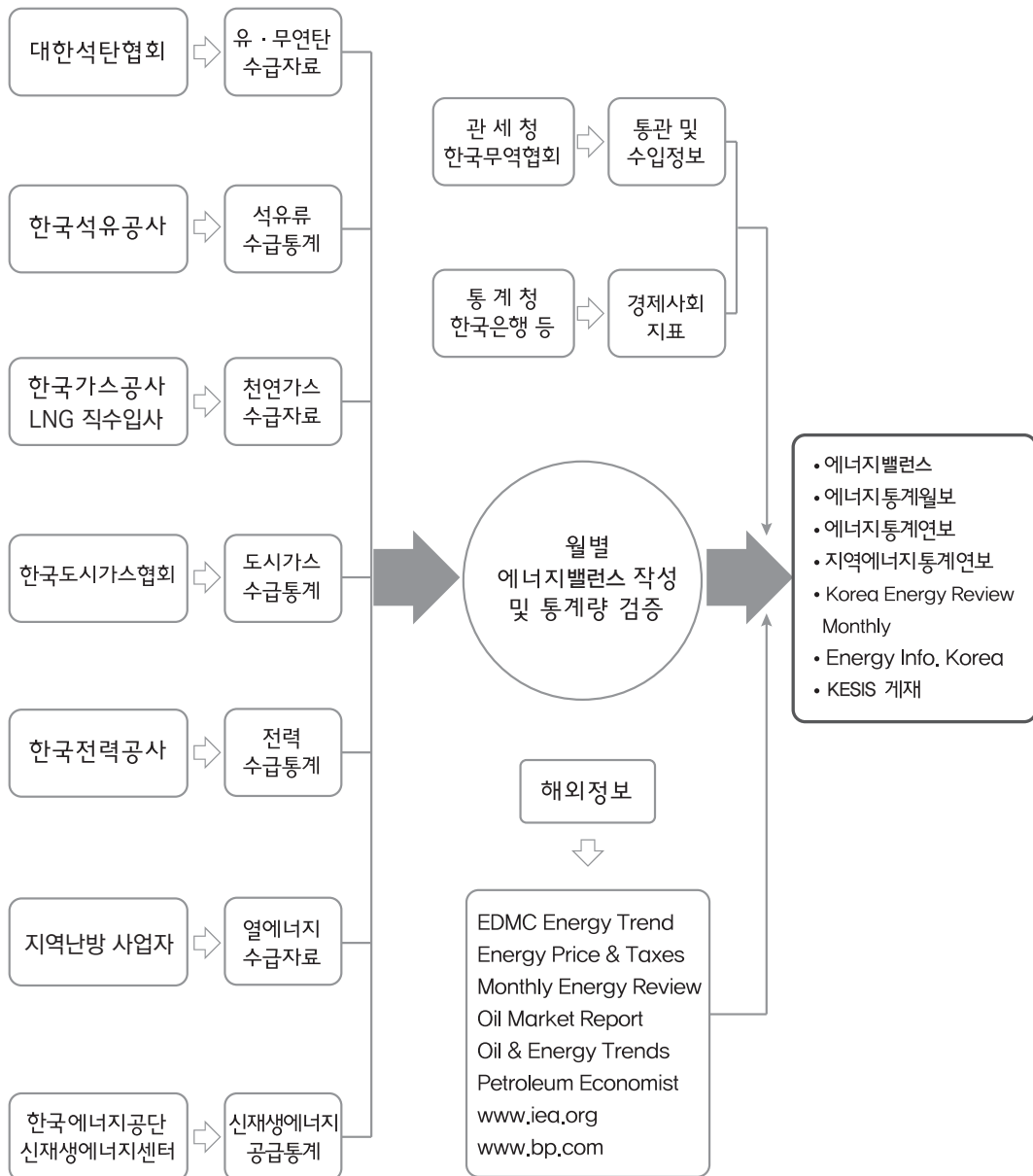
라. 작성 내용

- 에너지생산 및 수·출입 : 국내생산, 수입, 수출, 국제병커링, 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

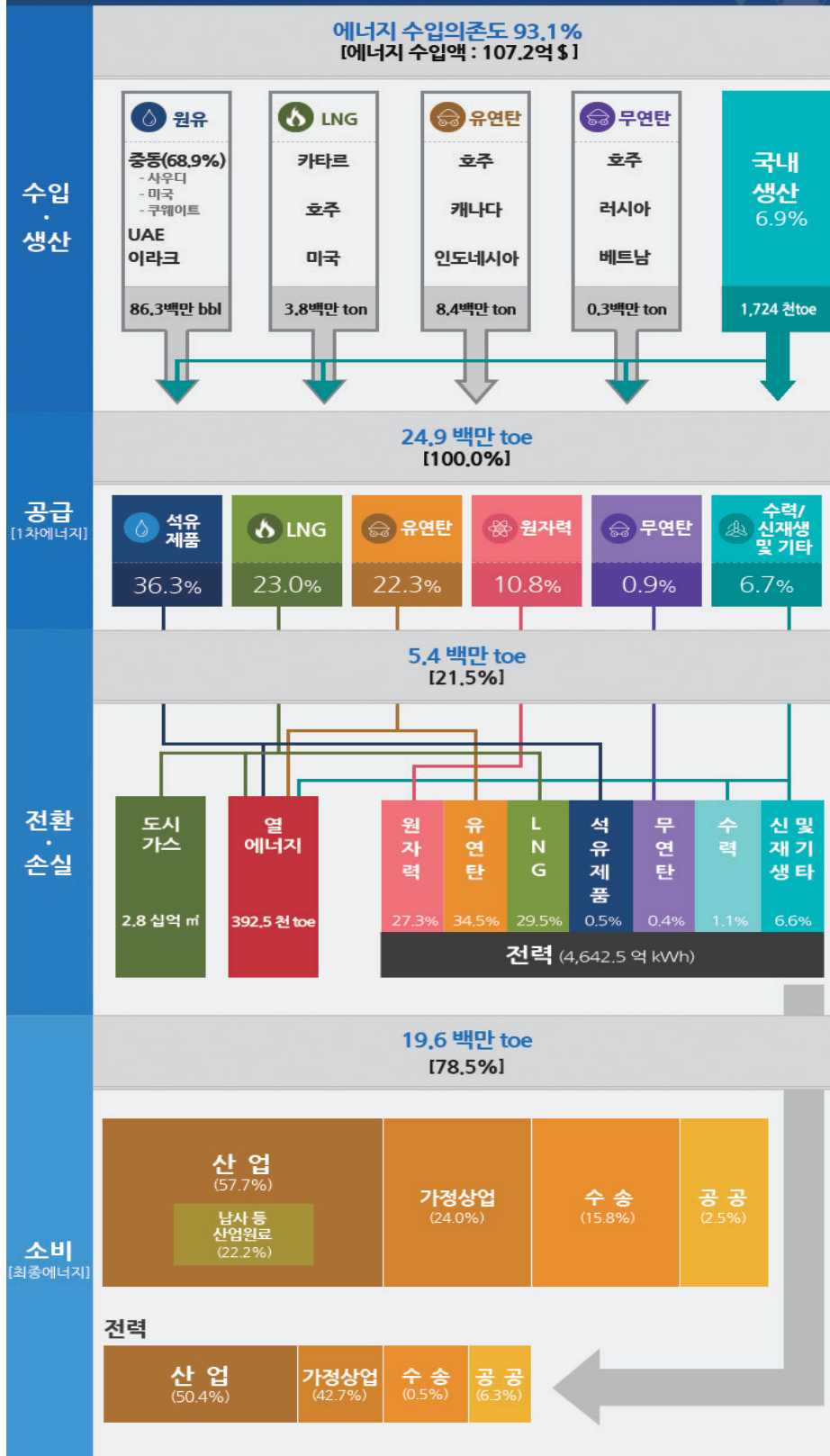
※ 에너지수급통계 작성 Flow



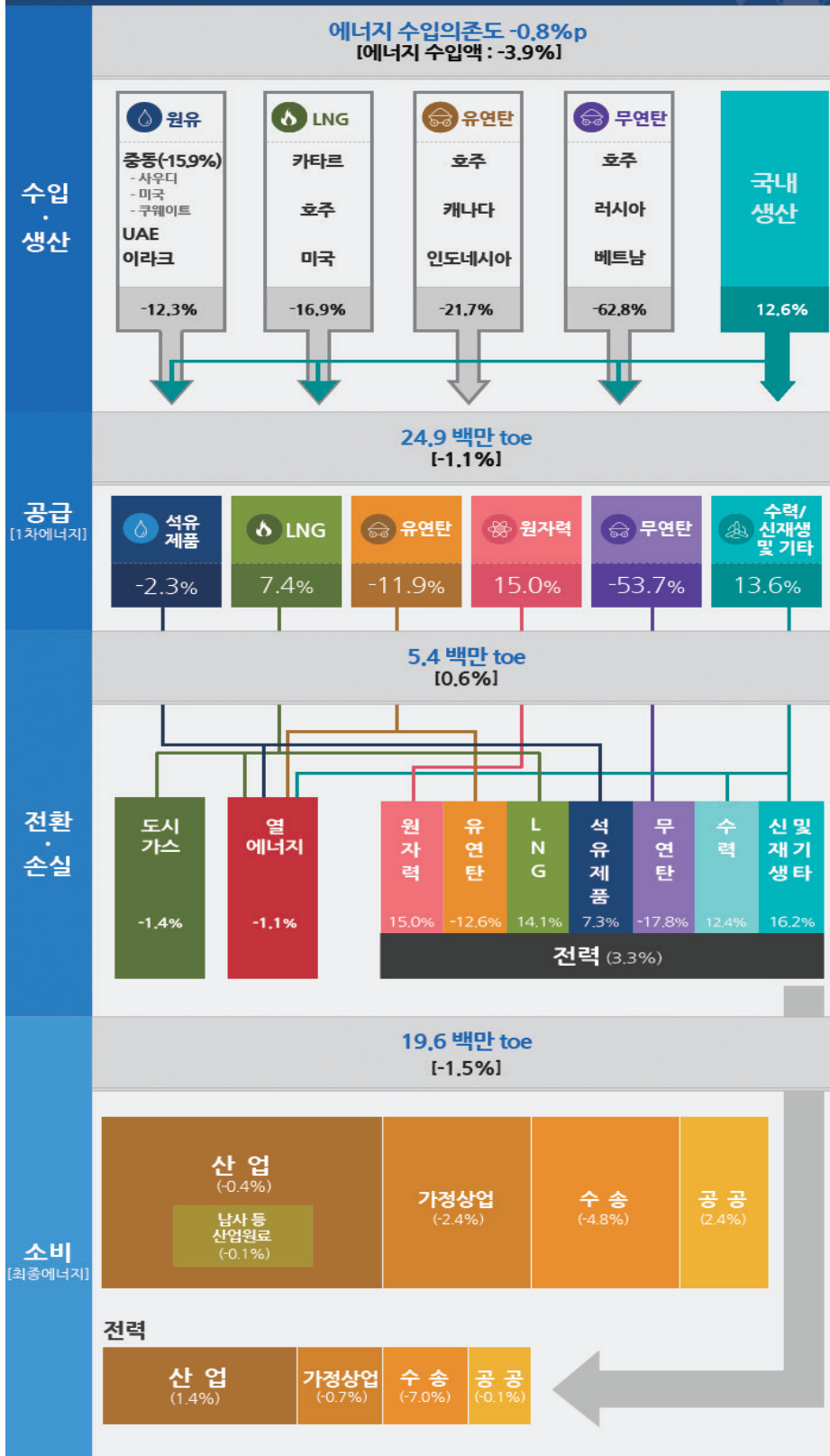
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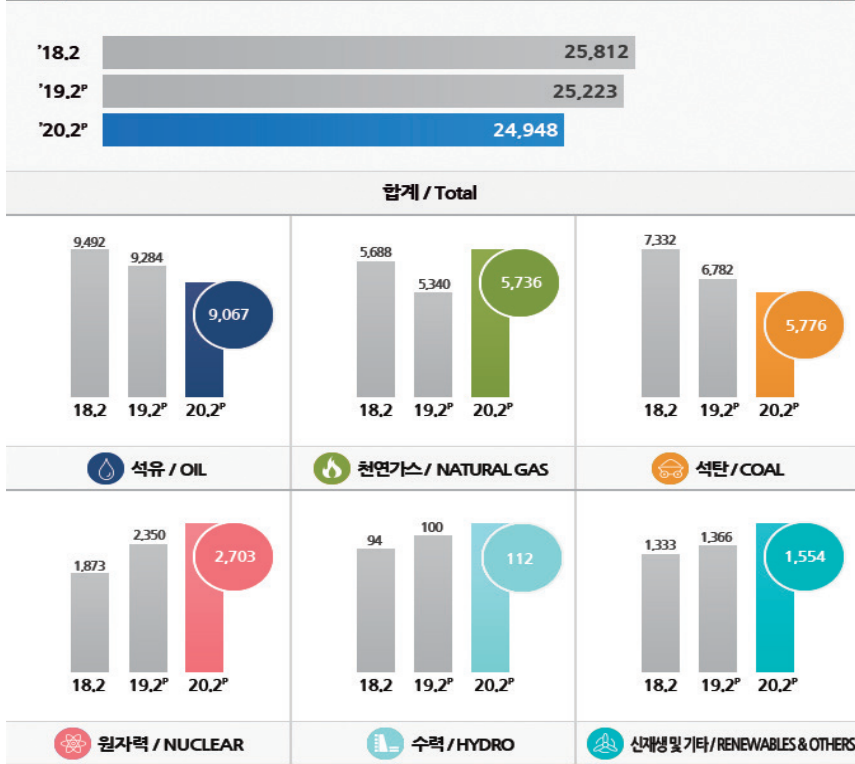
2020년 2월 Energy Balance Flow



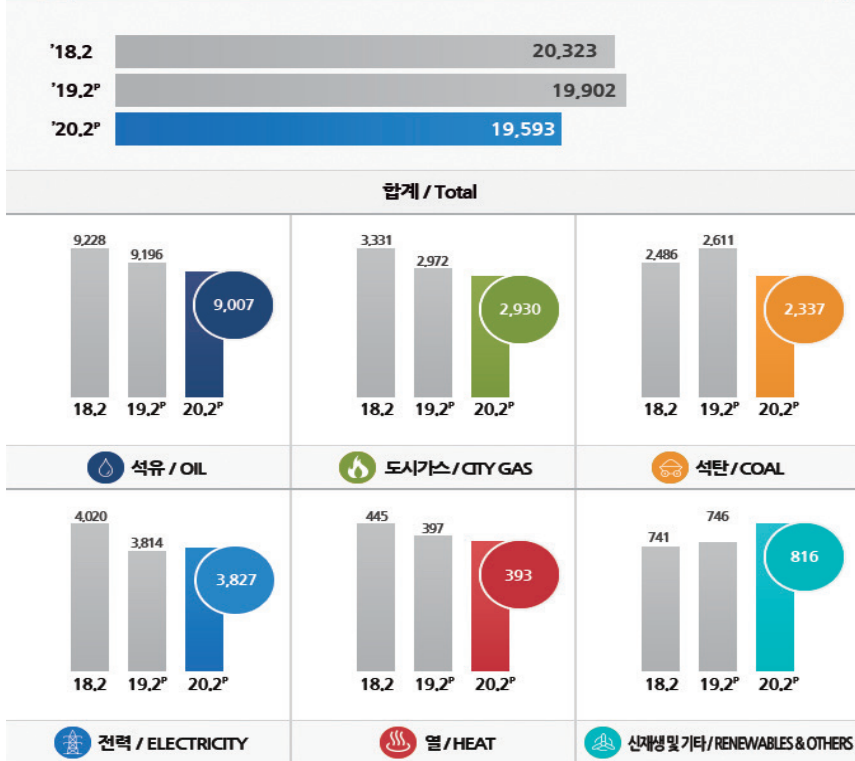
2020년 2월 Energy Balance Flow(전년동월대비)



1차 에너지 공급 / Primary energy supply (단위: 천 toe)



최종에너지 소비 / Final energy consumption (단위: 천 toe)



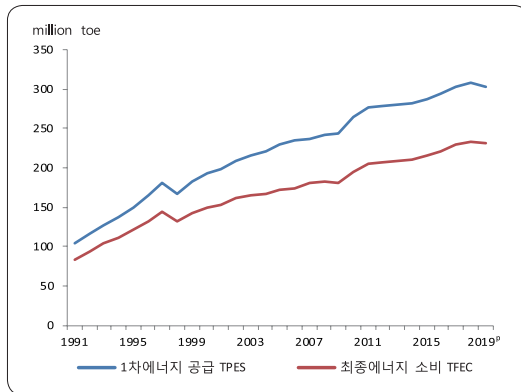
1. 에너지 개요 및 1차에너지 공급

Energy overview and
primary energy supply

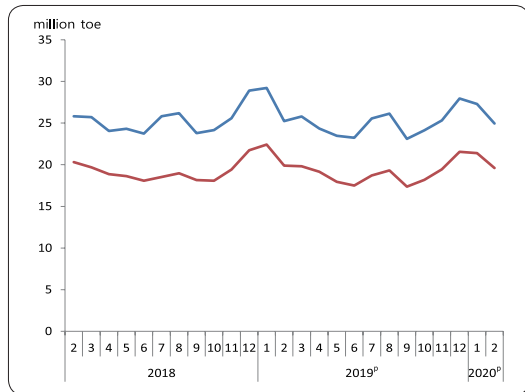


□ 1차에너지 공급, 최종에너지 소비 Primary energy supply, Final energy consumption

<1991~2019^p>

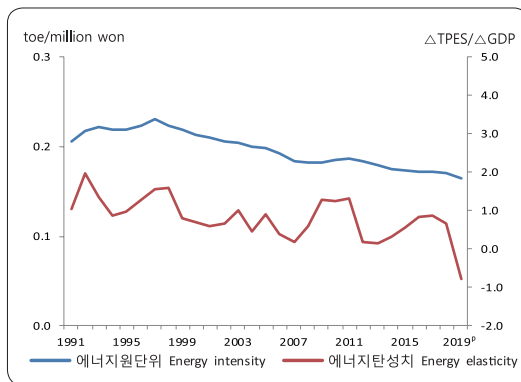


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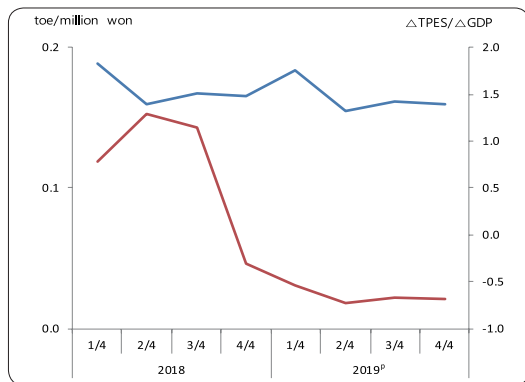


□ 에너지원단위, 에너지탄성치 Energy intensity, Energy elasticity

<1991~2019^p>

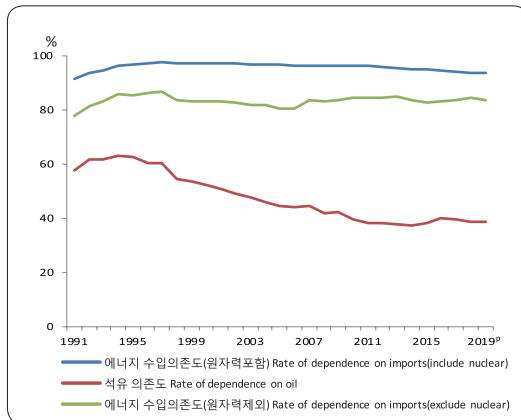


<분기 Quarterly>

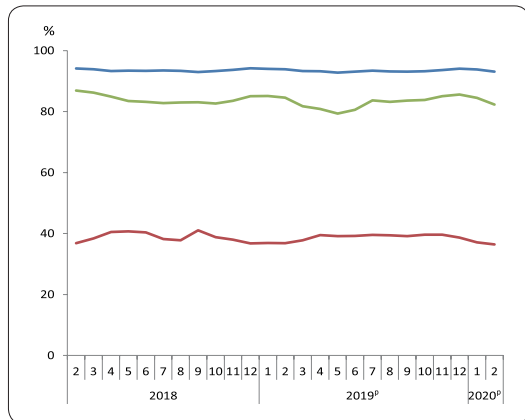


□ 에너지 수입의존도, 석유 의존도 Rate of dependence on imports, Rate of dependence on oil

<1991~2019^p>



<월별 Monthly>



1.1 주요 에너지지표

Major energy indicators

| 구 분 | 1차에너지 공급 | 최종에너지 소비 | 에너지원단위 ¹ | 에너지탄성치 ¹ | 에너지수입액 | 에너지 수입의존도 ² | 석유 의존도 | |
|-------------------|-------------------|----------|-------------------------------|--------------------------------|---------------------|--|---------------------------|------|
| | TPES | TFEC | Energy intensity ¹ | Energy elasticity ¹ | Energy import value | Rate of dependence on imports ² | Rate of dependence on oil | |
| | 1,000 toe | | toe/million won | △TPES/△GDP | million US\$ | % | | |
| 1990 | 92,931 | 74,701 | 0.205 | 1.394 | 10,908 | 87.8 | 54.0 | |
| 1995 | 149,841 | 121,333 | 0.219 | 0.967 | 19,053 | 96.8 | 62.7 | |
| 1996 | 165,136 | 131,573 | 0.224 | 1.292 | 24,243 | 97.3 | 60.5 | |
| 1997 | 181,058 | 144,541 | 0.231 | 1.555 | 27,308 | 97.6 | 60.4 | |
| 1998 | 166,265 | 132,177 | 0.224 | 1.602 | 18,276 | 97.1 | 54.7 | |
| 1999 | 181,651 | 143,027 | 0.219 | 0.805 | 22,745 | 97.2 | 53.7 | |
| 2000 | 193,240 | 149,958 | 0.214 | 0.701 | 37,888 | 97.2 | 52.1 | |
| 2001 | 198,865 | 153,103 | 0.210 | 0.594 | 33,894 | 97.3 | 50.7 | |
| 2002 | 209,290 | 160,876 | 0.205 | 0.681 | 32,290 | 97.1 | 49.2 | |
| 2003 | 215,772 | 164,550 | 0.205 | 0.999 | 38,306 | 96.9 | 47.8 | |
| 2004 | 220,756 | 166,452 | 0.199 | 0.444 | 49,600 | 96.6 | 45.8 | |
| 2005 | 229,301 | 171,176 | 0.199 | 0.900 | 66,697 | 96.6 | 44.6 | |
| 2006 | 234,062 | 174,135 | 0.192 | 0.392 | 85,566 | 96.5 | 43.8 | |
| 2007 | 236,678 | 181,498 | 0.184 | 0.193 | 94,978 | 96.6 | 44.7 | |
| 2008 | 240,994 | 182,490 | 0.182 | 0.608 | 141,475 | 96.5 | 41.6 | |
| 2009 | 243,500 | 181,491 | 0.182 | 1.300 | 91,160 | 96.5 | 42.1 | |
| 2018 | 264,053 | 194,971 | 0.185 | 1.241 | 121,654 | 96.5 | 39.6 | |
| 2011 | 276,997 | 204,788 | 0.187 | 1.325 | 172,490 | 96.5 | 38.1 | |
| 2012 | 278,325 | 206,530 | 0.184 | 0.200 | 184,800 | 96.0 | 38.1 | |
| 2013 | 279,623 | 208,016 | 0.179 | 0.146 | 178,698 | 95.7 | 37.7 | |
| 2014 | 282,423 | 210,139 | 0.175 | 0.313 | 174,137 | 95.2 | 37.1 | |
| 2015 | 286,932 | 214,974 | 0.173 | 0.570 | 102,715 | 94.8 | 38.0 | |
| 2016 | 293,778 | 221,396 | 0.172 | 0.823 | 80,942 | 94.6 | 40.0 | |
| 2017 | 302,066 | 230,019 | 0.172 | 0.882 | 109,466 | 94.0 | 39.5 | |
| 2018 | 307,501 | 232,740 | 0.170 | 0.666 | 145,970 | 93.7 | 38.5 | |
| 2019 ^p | 303,446 | 231,235 | - | - | 126,701 | 93.4 | 38.7 | |
| 2018 | 2 | 25,812 | 20,323 | - | - | 12,059 | 94.2 | 36.8 |
| | 3 | 25,714 | 19,684 | 0.189 | 0.784 | 10,796 | 93.9 | 38.4 |
| | 4 | 24,037 | 18,865 | - | - | 10,774 | 93.3 | 40.5 |
| | 5 | 24,300 | 18,619 | - | - | 11,512 | 93.4 | 40.8 |
| | 6 | 23,728 | 18,061 | 0.160 | 1.294 | 12,745 | 93.4 | 40.4 |
| | 7 | 25,822 | 18,530 | - | - | 12,271 | 93.5 | 38.2 |
| | 8 | 26,173 | 18,976 | - | - | 12,535 | 93.4 | 37.8 |
| | 9 | 23,785 | 18,140 | 0.167 | 1.150 | 11,870 | 93.0 | 41.1 |
| | 10 | 24,159 | 18,059 | - | - | 13,621 | 93.3 | 38.8 |
| | 11 | 25,581 | 19,417 | - | - | 13,674 | 93.7 | 38.0 |
| | 12 | 28,918 | 21,738 | 0.166 | -0.304 | 12,395 | 94.2 | 36.7 |
| | 2019 ^p | 1 | 29,237 | 22,444 | - | - | 11,224 | 94.1 |
| 2 | | 25,223 | 19,902 | - | - | 11,165 | 93.9 | 36.8 |
| 3 | | 25,795 | 19,806 | 0.184 | -0.539 | 9,834 | 93.3 | 37.8 |
| 4 | | 24,344 | 19,144 | - | - | 11,085 | 93.2 | 39.5 |
| 5 | | 23,457 | 17,926 | - | - | 10,690 | 92.7 | 39.1 |
| 6 | | 23,221 | 17,499 | 0.154 | -0.724 | 10,300 | 93.0 | 39.2 |
| 7 | | 25,543 | 18,696 | - | - | 10,280 | 93.4 | 39.6 |
| 8 | | 26,132 | 19,298 | - | - | 11,575 | 93.1 | 39.4 |
| 9 | | 23,085 | 17,344 | 0.162 | -0.673 | 9,045 | 93.1 | 39.2 |
| 10 | | 24,132 | 18,174 | - | - | 9,787 | 93.2 | 39.6 |
| 11 | | 25,322 | 19,434 | - | - | 10,407 | 93.7 | 39.6 |
| 12 | | 27,956 | 21,567 | 0.159 | -0.690 | 11,308 | 94.1 | 38.6 |
| 2020 ^p | 1 | 27,284 | 21,402 | - | - | 12,195 | 93.8 | 37.1 |
| | 2 | 24,948 | 19,593 | - | - | 10,725 | 93.1 | 36.3 |
| 2019 ^p | 1-2 | 54,460 | 42,346 | - | - | 22,390 | 94.0 | 36.8 |
| 2020 ^p | 1-2 | 52,233 | 40,995 | - | - | 22,920 | 93.5 | 36.7 |

1. 월별 수치는 분기자료임.

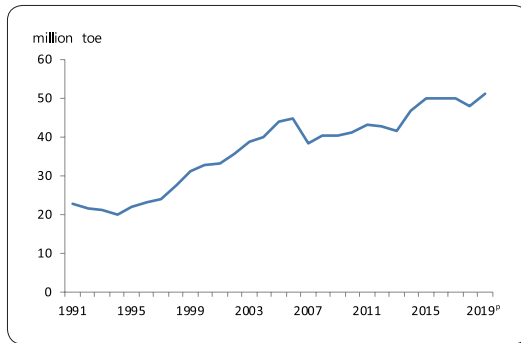
2. 원자력 발전을 국내생산에서 제외

1. Monthly figures are on quarterly basis.

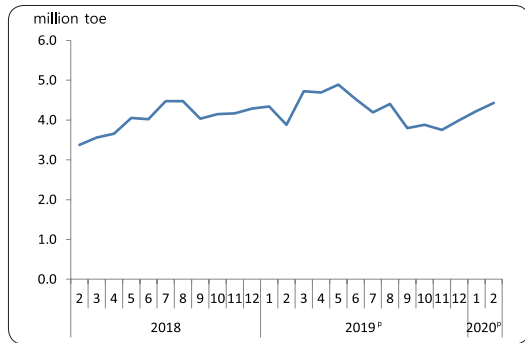
2. Exclude nuclear power from domestic production

□ 에너지 생산 Total energy production

<1991~2019^P>

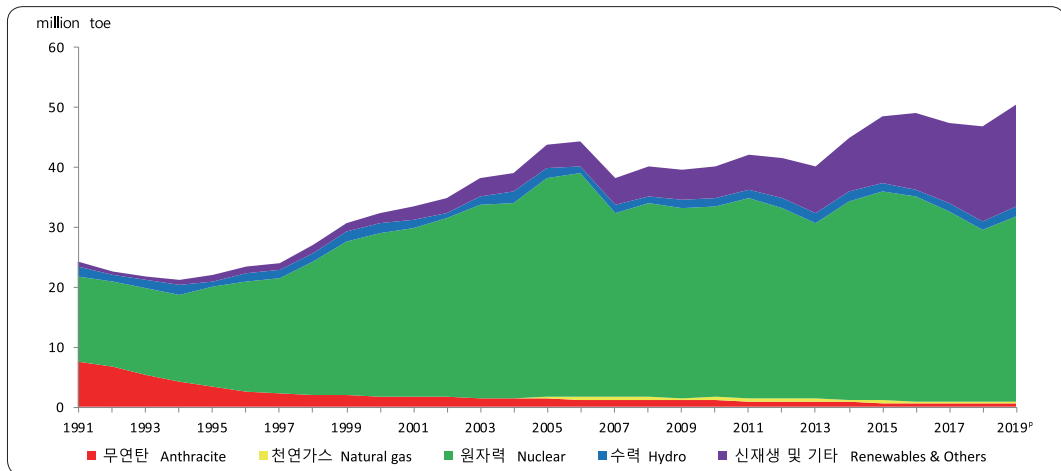


<월별 Monthly>

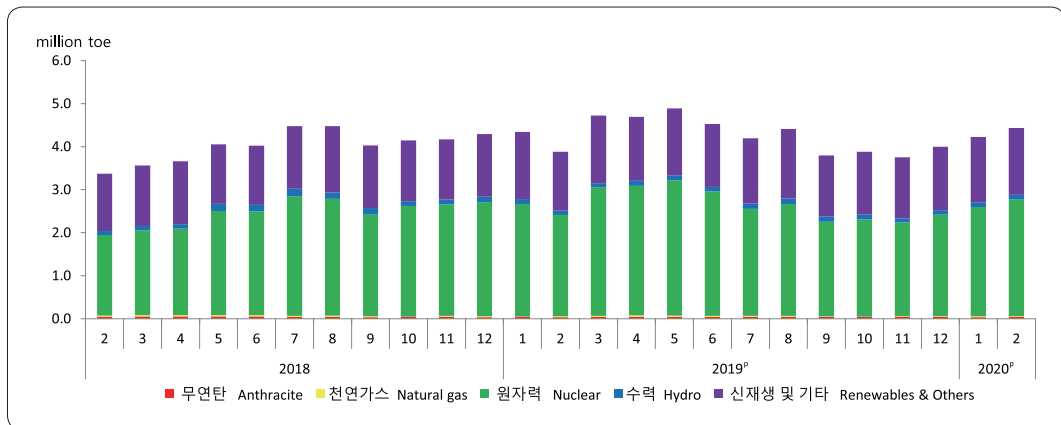


□ 에너지원별 생산 Energy production by source

<1991~2019^P>



<월별 Monthly>



1.2 에너지 생산

Energy production by source

| 구 분 | | 합계 | 무연탄 | 천연가스 ¹ | 수력 | 원자력 | 신재생 및 기타 ² |
|-------------------|-------------------|-----------|------------|--------------------------|-------|---------|----------------------------------|
| | | Total | Anthracite | Natural gas ¹ | Hydro | Nuclear | Renewables & Others ² |
| | | 1,000 toe | | | | | |
| 1990 | | 23,357 | 7,748 | - | 1,590 | 13,222 | 797 |
| 1995 | | 21,751 | 2,574 | - | 1,369 | 16,757 | 1,050 |
| 1996 | | 23,170 | 2,228 | - | 1,300 | 18,481 | 1,161 |
| 1997 | | 23,997 | 2,030 | - | 1,351 | 19,271 | 1,344 |
| 1998 | | 27,435 | 1,962 | - | 1,525 | 22,422 | 1,526 |
| 1999 | | 30,977 | 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 | | 38,864 | 1,484 | - | 1,722 | 32,418 | 3,241 |
| 2004 | | 39,769 | 1,436 | 212 | 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 |
| 2018 | | 40,912 | 969 | 539 | 1,391 | 31,948 | 6,064 |
| 2011 | | 42,987 | 969 | 451 | 1,684 | 33,265 | 6,617 |
| 2012 | | 42,748 | 942 | 436 | 1,615 | 31,719 | 8,036 |
| 2013 | | 41,321 | 817 | 463 | 1,771 | 29,283 | 8,987 |
| 2014 | | 46,716 | 787 | 322 | 1,650 | 33,002 | 10,956 |
| 2015 | | 49,809 | 794 | 188 | 1,223 | 34,765 | 12,839 |
| 2016 | | 50,087 | 777 | 154 | 1,400 | 34,181 | 13,575 |
| 2017 | | 49,996 | 702 | 341 | 1,490 | 31,615 | 15,848 |
| 2018 | | 47,977 | 568 | 305 | 1,549 | 28,437 | 17,119 |
| 2019 ^p | | 51,076 | 514 | 240 | 1,328 | 31,079 | 17,916 |
| 2018 | 2 | 3,373 | 46 | 27 | 94 | 1,873 | 1,333 |
| | 3 | 3,560 | 56 | 29 | 99 | 1,969 | 1,407 |
| | 4 | 3,658 | 56 | 29 | 106 | 2,007 | 1,460 |
| | 5 | 4,054 | 53 | 30 | 169 | 2,421 | 1,381 |
| | 6 | 4,022 | 54 | 29 | 156 | 2,408 | 1,376 |
| | 7 | 4,477 | 42 | 25 | 172 | 2,780 | 1,457 |
| | 8 | 4,473 | 42 | 28 | 149 | 2,716 | 1,538 |
| | 9 | 4,030 | 36 | 24 | 152 | 2,359 | 1,459 |
| | 10 | 4,147 | 41 | 9 | 108 | 2,574 | 1,416 |
| | 11 | 4,167 | 45 | 21 | 113 | 2,590 | 1,398 |
| | 12 | 4,290 | 37 | 23 | 128 | 2,648 | 1,454 |
| | 2019 ^p | 1 | 4,341 | 47 | 7 | 116 | 2,611 |
| 2 | | 3,878 | 38 | 23 | 100 | 2,350 | 1,366 |
| 3 | | 4,722 | 43 | 25 | 96 | 2,989 | 1,570 |
| 4 | | 4,693 | 49 | 27 | 113 | 3,014 | 1,490 |
| 5 | | 4,888 | 44 | 27 | 115 | 3,146 | 1,557 |
| 6 | | 4,525 | 40 | 26 | 102 | 2,893 | 1,463 |
| 7 | | 4,193 | 41 | 25 | 121 | 2,487 | 1,519 |
| 8 | | 4,406 | 40 | 25 | 128 | 2,598 | 1,616 |
| 9 | | 3,797 | 42 | 14 | 120 | 2,198 | 1,423 |
| 10 | | 3,882 | 41 | 7 | 115 | 2,258 | 1,460 |
| 11 | | 3,754 | 46 | 14 | 96 | 2,179 | 1,419 |
| 12 | | 3,997 | 43 | 20 | 106 | 2,356 | 1,473 |
| 2020 ^p | 1 | 4,222 | 38 | 23 | 115 | 2,534 | 1,512 |
| | 2 | 4,432 | 43 | 20 | 112 | 2,703 | 1,554 |
| 2019 ^p | 1-2 | 8,218 | 86 | 30 | 216 | 4,961 | 2,926 |
| 2020 ^p | 1-2 | 8,655 | 80 | 44 | 227 | 5,237 | 3,066 |

1. 동해-1 가스전 생산량

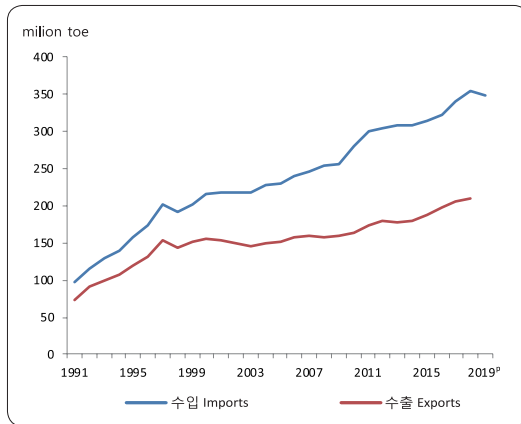
2. 기타: 폐기물을 이용하여 제조한 것

1. Production at Donghae-1 gas field

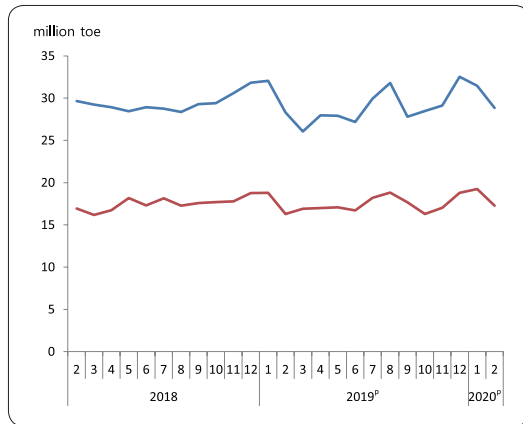
2. Others: The energy source is manufactured from the waste.

□ 에너지 수출입 Energy imports and exports

<1991~2019^P>

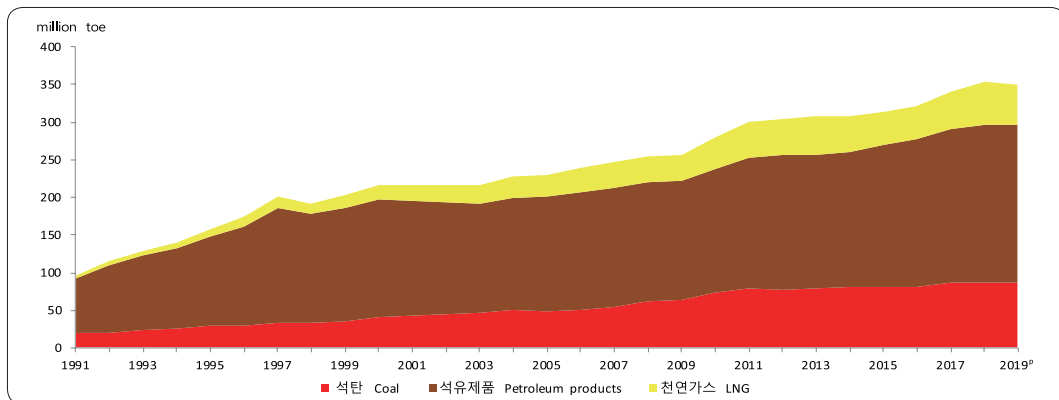


<월별 Monthly>

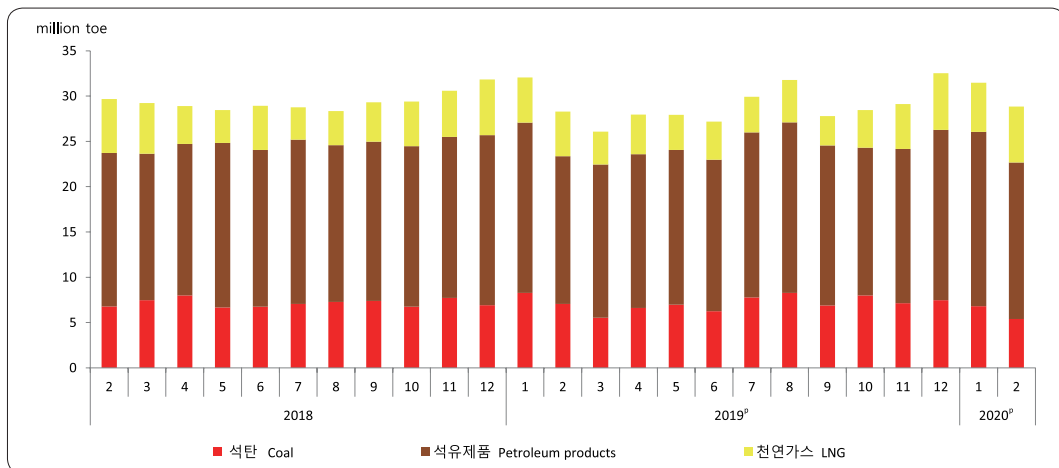


□ 에너지원별 수입 Energy imports by source

<1991~2019^P>



<월별 Monthly>



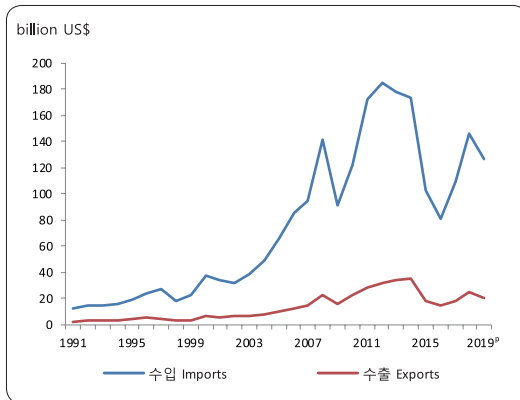
1.3.1 에너지 수출입

Energy imports and exports

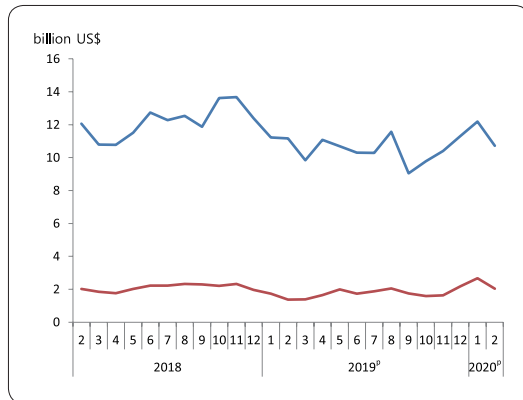
| 구 분 | 수입 Imports | | | | 수출 Exports | 순수입 |
|-------------------|-------------|------------|-------------------------------|-------------|-------------------------------|-------------|
| | 합계 Total | 석탄 Coal | 석유제품 Petroleum products | 천연가스 LNG | 석유제품 Petroleum products | Net imports |
| | 1,000 toe | | | | | |
| 1990 | 76,040 | 15,721 | 57,345 | 2,974 | 3,997 | 72,043 |
| 1995 | 156,664 | 28,550 | 118,936 | 9,178 | 17,748 | 138,916 |
| 1996 | 174,277 | 30,314 | 131,489 | 12,473 | 22,690 | 151,587 |
| 1997 | 200,894 | 32,979 | 152,797 | 15,118 | 33,143 | 167,750 |
| 1998 | 191,456 | 33,847 | 143,829 | 13,780 | 42,232 | 149,224 |
| 1999 | 202,665 | 34,410 | 151,391 | 16,865 | 42,544 | 160,121 |
| 2000 | 215,687 | 40,559 | 156,177 | 18,951 | 43,758 | 171,928 |
| 2001 | 217,250 | 42,691 | 153,545 | 21,013 | 42,143 | 175,107 |
| 2002 | 216,801 | 44,990 | 149,101 | 22,711 | 33,914 | 182,887 |
| 2003 | 217,031 | 45,894 | 145,872 | 25,264 | 30,025 | 187,005 |
| 2004 | 227,497 | 50,139 | 148,558 | 28,799 | 33,841 | 193,655 |
| 2005 | 229,255 | 48,498 | 151,713 | 29,044 | 38,071 | 191,184 |
| 2006 | 239,683 | 49,854 | 157,041 | 32,788 | 41,810 | 197,873 |
| 2007 | 246,306 | 54,237 | 158,831 | 33,239 | 41,801 | 204,505 |
| 2008 | 254,887 | 61,665 | 157,786 | 35,436 | 47,586 | 207,301 |
| 2009 | 256,573 | 63,431 | 159,574 | 33,568 | 46,897 | 209,677 |
| 2010 | 279,145 | 72,576 | 164,184 | 42,384 | 48,365 | 230,779 |
| 2011 | 300,906 | 79,860 | 173,355 | 47,690 | 57,722 | 243,183 |
| 2012 | 303,396 | 77,546 | 178,667 | 47,184 | 61,687 | 241,709 |
| 2013 | 307,932 | 79,230 | 176,703 | 51,998 | 59,910 | 248,021 |
| 2014 | 308,559 | 80,460 | 179,712 | 48,388 | 62,593 | 245,967 |
| 2015 | 313,516 | 81,688 | 188,320 | 43,509 | 66,279 | 247,237 |
| 2016 | 321,918 | 81,311 | 196,984 | 43,623 | 67,840 | 254,078 |
| 2017 | 339,687 | 85,869 | 204,794 | 49,023 | 70,629 | 269,058 |
| 2018 | 354,479 | 86,348 | 210,647 | 57,484 | 74,066 | 280,413 |
| 2019 ^p | 349,130 | 86,336 | 209,542 | 53,252 | 72,476 | 276,653 |
| 2018 | 2 | 29,663 | 6,776 | 16,946 | 5,941 | 23,864 |
| | 3 | 29,245 | 7,467 | 16,180 | 5,598 | 23,941 |
| | 4 | 28,913 | 7,997 | 16,727 | 4,189 | 23,102 |
| | 5 | 28,445 | 6,658 | 18,164 | 3,622 | 21,936 |
| | 6 | 28,938 | 6,747 | 17,305 | 4,886 | 22,908 |
| | 7 | 28,770 | 7,056 | 18,136 | 3,578 | 22,590 |
| | 8 | 28,350 | 7,282 | 17,287 | 3,781 | 21,663 |
| | 9 | 29,301 | 7,397 | 17,570 | 4,335 | 23,072 |
| | 10 | 29,394 | 6,757 | 17,708 | 4,930 | 22,534 |
| | 11 | 30,587 | 7,727 | 17,768 | 5,092 | 24,478 |
| | 12 | 31,821 | 6,921 | 18,757 | 6,143 | 25,590 |
| 2019 ^p | 1 | 32,047 | 8,264 | 18,800 | 4,984 | 25,076 |
| | 2 | 28,302 | 7,065 | 16,299 | 4,938 | 22,810 |
| | 3 | 26,064 | 5,548 | 16,899 | 3,617 | 20,598 |
| | 4 | 27,960 | 6,612 | 16,979 | 4,369 | 21,673 |
| | 5 | 27,924 | 6,981 | 17,073 | 3,870 | 22,121 |
| | 6 | 27,180 | 6,251 | 16,722 | 4,207 | 21,465 |
| | 7 | 29,933 | 7,790 | 18,200 | 3,942 | 23,543 |
| | 8 | 31,789 | 8,277 | 18,824 | 4,688 | 25,528 |
| | 9 | 27,800 | 6,903 | 17,654 | 3,243 | 21,640 |
| | 10 | 28,469 | 8,004 | 16,294 | 4,171 | 22,337 |
| | 11 | 29,123 | 7,154 | 17,015 | 4,953 | 23,421 |
| | 12 | 32,538 | 7,485 | 18,783 | 6,270 | 26,441 |
| 2020 ^p | 1 | 31,472 | 6,817 | 19,238 | 5,418 | 25,485 |
| | 2 | 28,835 | 5,394 | 17,275 | 6,166 | 22,878 |
| 2019 ^p | 1-2 | 60,350 | 15,329 | 35,099 | 9,922 | 47,886 |
| 2020 ^p | 1-2 | 60,307 | 12,211 | 36,512 | 11,584 | 48,363 |

□ 에너지 수출입액 Energy export and import value

<1991~2019^p>

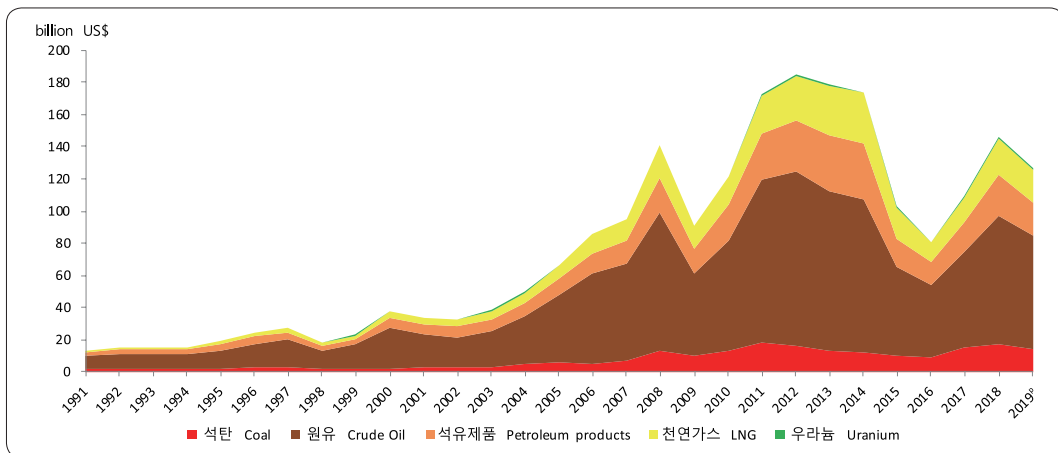


<월별 Monthly>

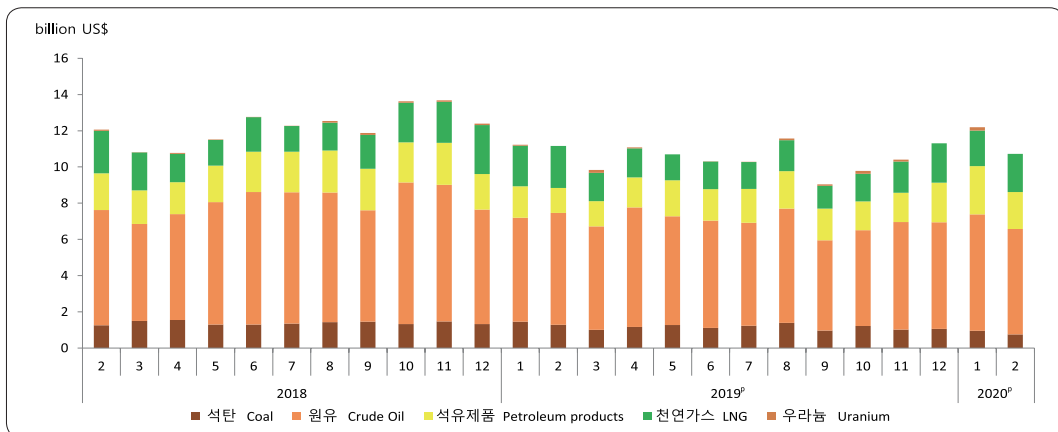


□ 에너지원별 수입액 Import value by energy source

<1991~2019^p>



<월별 Monthly>



1.3.2 에너지 수출입액

Energy export and import value

| 구 분 | | 수입 Imports | | | | | | 수출 Exports | 수입액 비중 Energy/Total import |
|-------------------|-----|--------------|--------|-----------|-----------------------|--------|---------|-----------------------|----------------------------------|
| | | 합계 | 석탄 | 원유 | 석유제품 | 천연가스 | 우라늄 | 석유제품 | |
| | | Total | Coal | Crude Oil | Petroleum products | LNG | Uranium | Petroleum products | |
| | | million US\$ | | | | | | | % |
| 1990 | | 10,908 | 1,288 | 6,386 | 2,774 | 460 | 1 | 650 | 15.6 |
| 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 |
| 2013 | | 178,698 | 13,074 | 99,333 | 34,628 | 30,645 | 1,018 | 53,011 | 34.7 |
| 2014 | | 174,137 | 12,114 | 94,907 | 34,983 | 31,403 | 731 | 51,025 | 33.1 |
| 2015 | | 102,715 | 9,961 | 55,120 | 17,986 | 18,779 | 869 | 32,192 | 23.5 |
| 2016 | | 80,942 | 9,310 | 44,295 | 14,579 | 12,170 | 589 | 26,668 | 19.9 |
| 2017 | | 109,466 | 15,179 | 59,603 | 18,077 | 15,616 | 991 | 35,286 | 22.9 |
| 2018 | | 145,970 | 16,703 | 80,393 | 25,109 | 23,189 | 576 | 46,751 | 27.3 |
| 2019 ^p | | 126,701 | 14,209 | 70,252 | 20,938 | 20,567 | 736 | 41,080 | 25.2 |
| 2018 | 2 | 12,059 | 1,266 | 6,360 | 2,018 | 2,353 | 62 | 3,348 | 28.9 |
| | 3 | 10,796 | 1,496 | 5,359 | 1,847 | 2,094 | 0 | 3,078 | 24.0 |
| | 4 | 10,774 | 1,551 | 5,847 | 1,764 | 1,554 | 58 | 3,979 | 24.7 |
| | 5 | 11,512 | 1,294 | 6,766 | 2,020 | 1,415 | 18 | 3,966 | 25.9 |
| | 6 | 12,745 | 1,305 | 7,309 | 2,224 | 1,907 | 0 | 4,114 | 28.3 |
| | 7 | 12,271 | 1,348 | 7,260 | 2,230 | 1,423 | 10 | 3,952 | 27.3 |
| | 8 | 12,535 | 1,428 | 7,158 | 2,318 | 1,541 | 90 | 4,283 | 28.3 |
| | 9 | 11,870 | 1,458 | 6,154 | 2,292 | 1,865 | 101 | 4,286 | 28.9 |
| | 10 | 13,621 | 1,323 | 7,818 | 2,210 | 2,189 | 80 | 4,583 | 28.1 |
| | 11 | 13,674 | 1,475 | 7,533 | 2,317 | 2,278 | 71 | 3,957 | 29.2 |
| | 12 | 12,395 | 1,328 | 6,318 | 1,962 | 2,701 | 87 | 3,525 | 28.2 |
| 2019 ^p | 1 | 11,224 | 1,459 | 5,737 | 1,739 | 2,240 | 50 | 3,630 | 24.9 |
| | 2 | 11,165 | 1,288 | 6,178 | 1,376 | 2,323 | 0 | 3,013 | 30.5 |
| | 3 | 9,834 | 1,009 | 5,716 | 1,385 | 1,560 | 164 | 3,049 | 23.4 |
| | 4 | 11,085 | 1,163 | 6,610 | 1,644 | 1,612 | 56 | 3,912 | 24.6 |
| | 5 | 10,690 | 1,268 | 6,003 | 1,992 | 1,427 | 0 | 3,545 | 24.5 |
| | 6 | 10,300 | 1,119 | 5,925 | 1,734 | 1,515 | 7 | 3,046 | 25.7 |
| | 7 | 10,280 | 1,240 | 5,681 | 1,871 | 1,474 | 15 | 3,571 | 23.5 |
| | 8 | 11,575 | 1,395 | 6,312 | 2,056 | 1,720 | 92 | 3,596 | 27.3 |
| | 9 | 9,045 | 971 | 4,977 | 1,745 | 1,266 | 85 | 3,553 | 23.3 |
| | 10 | 9,787 | 1,217 | 5,292 | 1,584 | 1,530 | 164 | 3,362 | 23.6 |
| | 11 | 10,407 | 1,025 | 5,928 | 1,626 | 1,723 | 104 | 3,467 | 25.6 |
| | 12 | 11,308 | 1,056 | 5,892 | 2,185 | 2,175 | 0 | 3,334 | 25.9 |
| 2020 ^p | 1 | 12,195 | 959 | 6,428 | 2,663 | 1,950 | 194 | 3,410 | 28.5 |
| | 2 | 10,725 | 755 | 5,821 | 2,039 | 2,110 | - | 2,828 | 28.8 |
| 2019 ^p | 1-2 | 22,390 | 2,747 | 11,915 | 3,115 | 4,563 | 50 | 6,643 | 27.4 |
| 2020 ^p | 1-2 | 22,920 | 1,714 | 12,249 | 4,702 | 4,060 | 194 | 6,238 | 28.7 |

주: 수입액은 CIF, 수출액은 FOB 기준.

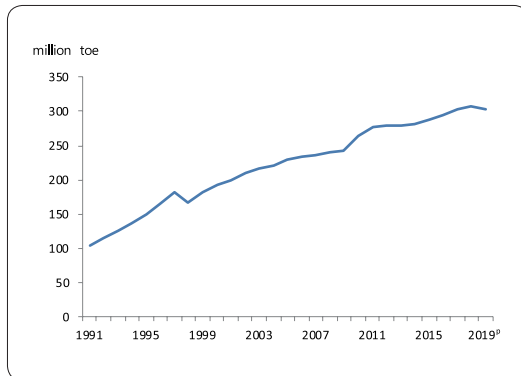
Note: Import values are based on CIF, and export values are based on FOB.

자료: 한국무역협회

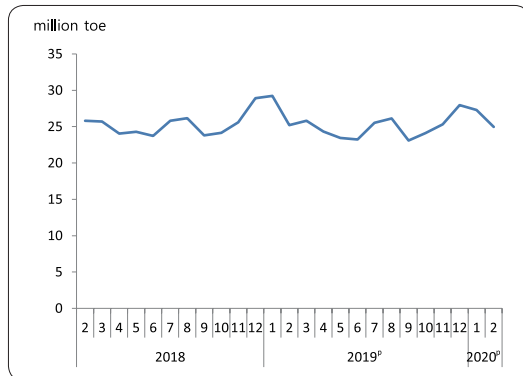
Source: Korea International Trade Association

□ 1차에너지 공급 Total primary energy supply

<1991~2019^p>

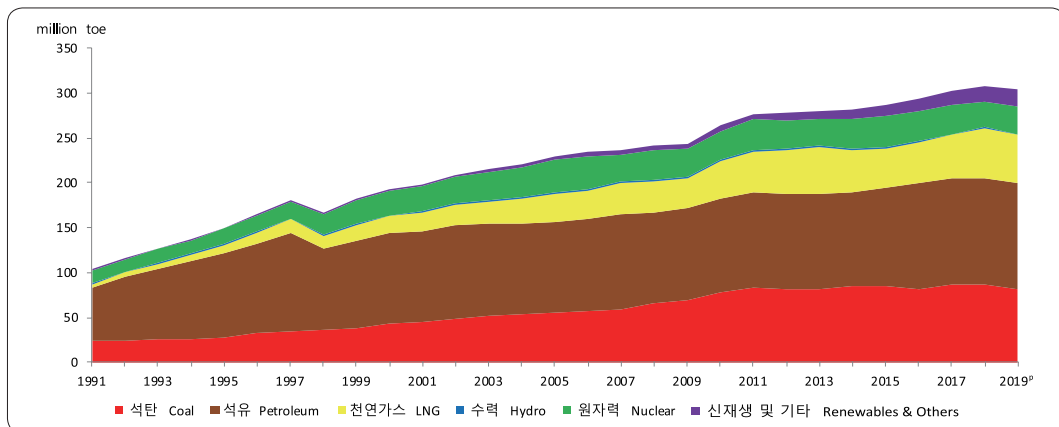


<월별 Monthly>

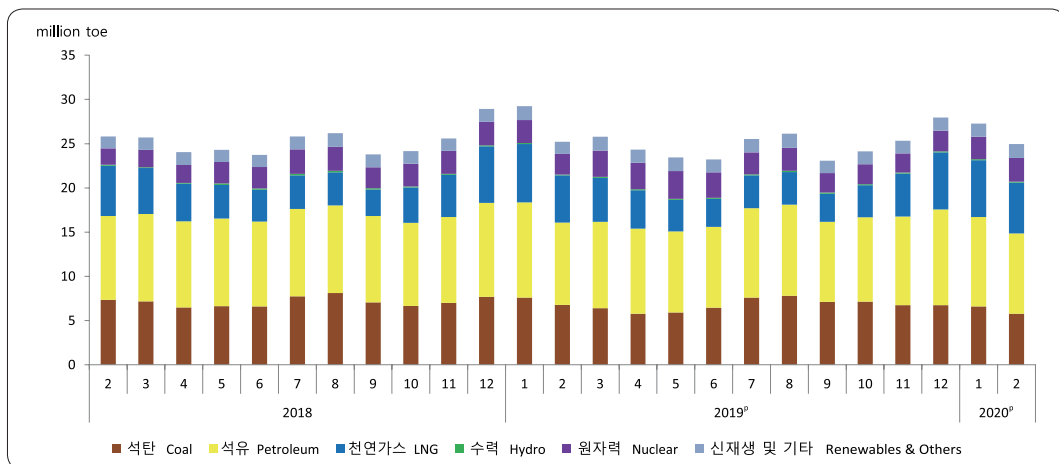


□ 에너지원별 1차에너지 공급 Primary energy supply by source

<1991~2019^p>



<월별 Monthly>



1.4.1 1차에너지 공급

Primary energy supply by source

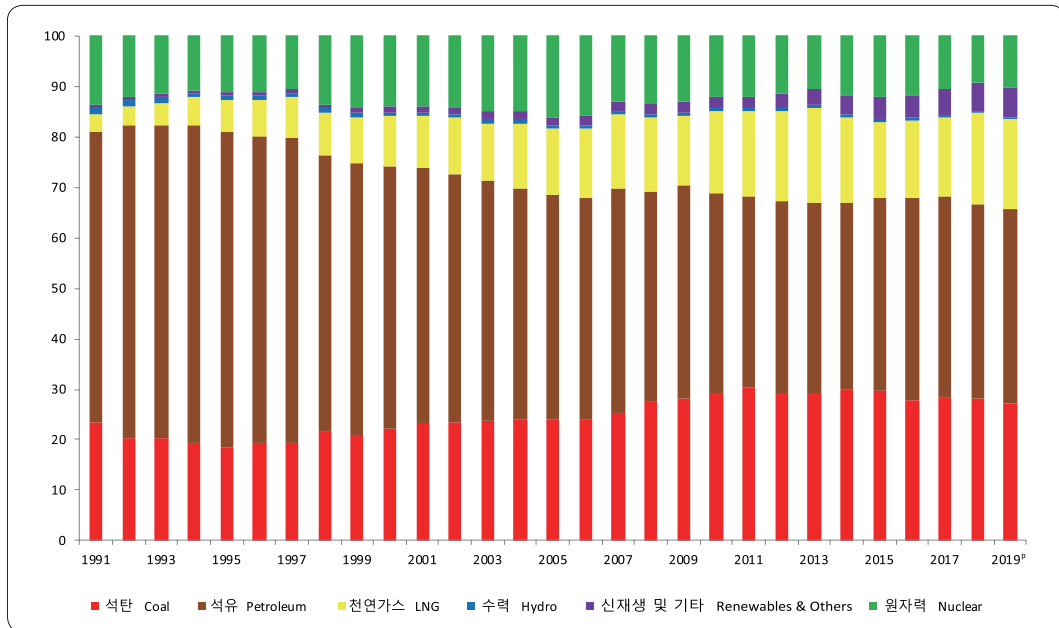
| 구 분 | | 합계 Total | 석탄 Coal | 석유 Petroleum | 천연가스 LNG | 수력 Hydro | 원자력 Nuclear | 신재생 및 기타 ¹ Renewables & Others ¹ |
|-------------------|-----|-------------|------------|-----------------|-------------|-------------|----------------|---|
| | | 1,000 toe | | | | | | |
| 1990 | | 92,931 | 24,124 | 50,175 | 3,023 | 1,590 | 13,222 | 797 |
| 1995 | | 149,841 | 27,495 | 93,956 | 9,213 | 1,369 | 16,757 | 1,050 |
| 1996 | | 165,136 | 32,100 | 99,923 | 12,172 | 1,300 | 18,481 | 1,161 |
| 1997 | | 181,058 | 34,927 | 109,372 | 14,792 | 1,351 | 19,271 | 1,344 |
| 1998 | | 166,265 | 36,051 | 90,904 | 13,838 | 1,525 | 22,422 | 1,526 |
| 1999 | | 181,651 | 38,157 | 97,556 | 16,849 | 1,517 | 25,766 | 1,806 |
| 2000 | | 193,240 | 42,925 | 100,618 | 18,924 | 1,402 | 27,241 | 2,130 |
| 2001 | | 198,865 | 45,724 | 100,827 | 20,787 | 1,038 | 28,033 | 2,456 |
| 2002 | | 209,290 | 49,131 | 103,034 | 23,096 | 1,327 | 29,776 | 2,925 |
| 2003 | | 215,772 | 51,124 | 103,073 | 24,194 | 1,722 | 32,418 | 3,241 |
| 2004 | | 220,756 | 53,198 | 101,085 | 28,351 | 1,465 | 32,679 | 3,977 |
| 2005 | | 229,301 | 54,795 | 102,197 | 30,355 | 1,297 | 36,695 | 3,961 |
| 2006 | | 234,062 | 56,652 | 102,555 | 32,004 | 1,305 | 37,187 | 4,358 |
| 2007 | | 236,678 | 59,653 | 105,718 | 34,663 | 1,084 | 30,731 | 4,828 |
| 2008 | | 240,994 | 66,100 | 100,373 | 35,671 | 1,196 | 32,456 | 5,198 |
| 2009 | | 243,500 | 68,595 | 102,534 | 33,908 | 1,213 | 31,771 | 5,480 |
| 2010 | | 264,053 | 77,142 | 104,499 | 43,008 | 1,391 | 31,948 | 6,064 |
| 2011 | | 276,997 | 83,687 | 105,459 | 46,284 | 1,684 | 33,265 | 6,617 |
| 2012 | | 278,325 | 80,636 | 106,134 | 50,185 | 1,615 | 31,719 | 8,036 |
| 2013 | | 279,623 | 81,544 | 105,515 | 52,523 | 1,771 | 29,283 | 8,987 |
| 2014 | | 282,423 | 84,399 | 104,643 | 47,773 | 1,650 | 33,002 | 10,956 |
| 2015 | | 286,932 | 85,401 | 109,090 | 43,613 | 1,223 | 34,765 | 12,839 |
| 2016 | | 293,778 | 81,499 | 117,605 | 45,518 | 1,400 | 34,181 | 13,575 |
| 2017 | | 302,066 | 86,177 | 119,400 | 47,536 | 1,490 | 31,615 | 15,848 |
| 2018 | | 307,501 | 86,651 | 118,521 | 55,224 | 1,549 | 28,437 | 17,119 |
| 2019 ^p | | 303,446 | 82,075 | 117,579 | 53,470 | 1,328 | 31,079 | 17,916 |
| 2018 | 2 | 25,812 | 7,332 | 9,492 | 5,688 | 94 | 1,873 | 1,333 |
| | 3 | 25,714 | 7,181 | 9,869 | 5,189 | 99 | 1,969 | 1,407 |
| | 4 | 24,037 | 6,487 | 9,739 | 4,238 | 106 | 2,007 | 1,460 |
| | 5 | 24,300 | 6,642 | 9,905 | 3,782 | 169 | 2,421 | 1,381 |
| | 6 | 23,728 | 6,588 | 9,594 | 3,606 | 156 | 2,408 | 1,376 |
| | 7 | 25,822 | 7,757 | 9,859 | 3,797 | 172 | 2,780 | 1,457 |
| | 8 | 26,173 | 8,127 | 9,889 | 3,754 | 149 | 2,716 | 1,538 |
| | 9 | 23,785 | 7,064 | 9,768 | 2,984 | 152 | 2,359 | 1,459 |
| | 10 | 24,159 | 6,670 | 9,369 | 4,022 | 108 | 2,574 | 1,416 |
| | 11 | 25,581 | 6,994 | 9,714 | 4,772 | 113 | 2,590 | 1,398 |
| | 12 | 28,918 | 7,687 | 10,620 | 6,381 | 128 | 2,648 | 1,454 |
| 2019 ^p | 1 | 29,237 | 7,587 | 10,783 | 6,581 | 116 | 2,611 | 1,560 |
| | 2 | 25,223 | 6,782 | 9,284 | 5,340 | 100 | 2,350 | 1,366 |
| | 3 | 25,795 | 6,409 | 9,747 | 4,985 | 96 | 2,989 | 1,570 |
| | 4 | 24,344 | 5,782 | 9,612 | 4,333 | 113 | 3,014 | 1,490 |
| | 5 | 23,457 | 5,904 | 9,180 | 3,556 | 115 | 3,146 | 1,557 |
| | 6 | 23,221 | 6,472 | 9,112 | 3,179 | 102 | 2,893 | 1,463 |
| | 7 | 25,543 | 7,599 | 10,114 | 3,703 | 121 | 2,487 | 1,519 |
| | 8 | 26,132 | 7,797 | 10,306 | 3,688 | 128 | 2,598 | 1,616 |
| | 9 | 23,085 | 7,123 | 9,045 | 3,176 | 120 | 2,198 | 1,423 |
| | 10 | 24,132 | 7,136 | 9,558 | 3,605 | 115 | 2,258 | 1,460 |
| | 11 | 25,322 | 6,735 | 10,037 | 4,856 | 96 | 2,179 | 1,419 |
| | 12 | 27,956 | 6,750 | 10,802 | 6,469 | 106 | 2,356 | 1,473 |
| 2020 ^p | 1 | 27,284 | 6,591 | 10,111 | 6,421 | 115 | 2,534 | 1,512 |
| | 2 | 24,948 | 5,776 | 9,067 | 5,736 | 112 | 2,703 | 1,554 |
| 2019 ^p | 1-2 | 54,460 | 14,369 | 20,067 | 11,921 | 216 | 4,961 | 2,926 |
| 2020 ^p | 1-2 | 52,233 | 12,367 | 19,178 | 12,157 | 227 | 5,237 | 3,066 |

1. 기타: 폐기물을 이용하여 제조한 것

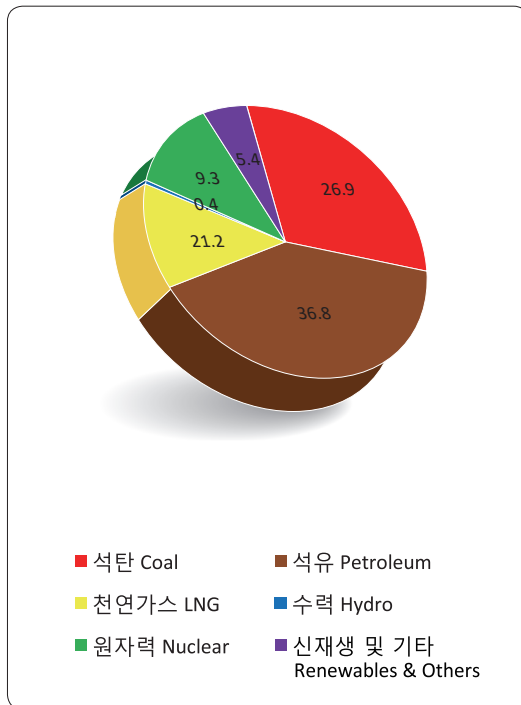
1. Others: The energy source is manufactured from the waste

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

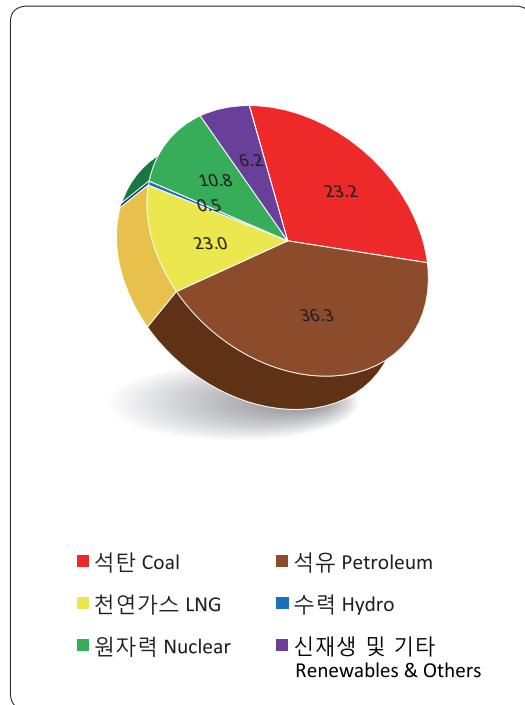
<1991~2019^p>



□ 2019년 2월 February 2019^p(%)



□ 2020년 2월 February 2020^p(%)



1.4.2 1차에너지 원별 구성비

Composition rate of primary energy supply

| 구 분 | | 석탄 | 석유 | 천연가스 | 수력 | 원자력 | 신재생 및 기타 ¹ |
|-------------------|-----|------|-----------|------|-------|---------|----------------------------------|
| | | Coal | Petroleum | LNG | Hydro | Nuclear | Renewables & Others ¹ |
| | | % | | | | | |
| 1990 | | 26.0 | 54.0 | 3.3 | 1.7 | 14.2 | 0.9 |
| 1995 | | 18.3 | 62.7 | 6.1 | 0.9 | 11.2 | 0.7 |
| 1996 | | 19.4 | 60.5 | 7.4 | 0.8 | 11.2 | 0.7 |
| 1997 | | 19.3 | 60.4 | 8.2 | 0.7 | 10.6 | 0.7 |
| 1998 | | 21.7 | 54.7 | 8.3 | 0.9 | 13.5 | 0.9 |
| 1999 | | 21.0 | 53.7 | 9.3 | 0.8 | 14.2 | 1.0 |
| 2000 | | 22.2 | 52.1 | 9.8 | 0.7 | 14.1 | 1.1 |
| 2001 | | 23.0 | 50.7 | 10.5 | 0.5 | 14.1 | 1.2 |
| 2002 | | 23.5 | 49.2 | 11.0 | 0.6 | 14.2 | 1.4 |
| 2003 | | 23.7 | 47.8 | 11.2 | 0.8 | 15.0 | 1.5 |
| 2004 | | 24.1 | 45.8 | 12.8 | 0.7 | 14.8 | 1.8 |
| 2005 | | 23.9 | 44.6 | 13.2 | 0.6 | 16.0 | 1.7 |
| 2006 | | 24.2 | 43.8 | 13.7 | 0.6 | 15.9 | 1.9 |
| 2007 | | 25.2 | 44.7 | 14.6 | 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 | 13.0 | 2.3 |
| 2010 | | 29.2 | 39.6 | 16.3 | 0.5 | 12.1 | 2.3 |
| 2011 | | 30.2 | 38.1 | 16.7 | 0.6 | 12.0 | 2.4 |
| 2012 | | 29.0 | 38.1 | 18.0 | 0.6 | 11.4 | 2.9 |
| 2013 | | 29.2 | 37.7 | 18.8 | 0.6 | 10.5 | 3.2 |
| 2014 | | 29.9 | 37.1 | 16.9 | 0.6 | 11.7 | 3.9 |
| 2015 | | 29.8 | 38.0 | 15.2 | 0.4 | 12.1 | 4.5 |
| 2016 | | 27.7 | 40.0 | 15.5 | 0.5 | 11.6 | 4.6 |
| 2017 | | 28.5 | 39.5 | 15.7 | 0.5 | 10.5 | 5.2 |
| 2018 | | 28.2 | 38.5 | 18.0 | 0.5 | 9.2 | 5.6 |
| 2019 ^p | | 27.0 | 38.7 | 17.6 | 0.4 | 10.2 | 5.9 |
| 2018 | 2 | 28.4 | 36.8 | 22.0 | 0.4 | 7.3 | 5.2 |
| | 3 | 27.9 | 38.4 | 20.2 | 0.4 | 7.7 | 5.5 |
| | 4 | 27.0 | 40.5 | 17.6 | 0.4 | 8.3 | 6.1 |
| | 5 | 27.3 | 40.8 | 15.6 | 0.7 | 10.0 | 5.7 |
| | 6 | 27.8 | 40.4 | 15.2 | 0.7 | 10.1 | 5.8 |
| | 7 | 30.0 | 38.2 | 14.7 | 0.7 | 10.8 | 5.6 |
| | 8 | 31.1 | 37.8 | 14.3 | 0.6 | 10.4 | 5.9 |
| | 9 | 29.7 | 41.1 | 12.5 | 0.6 | 9.9 | 6.1 |
| | 10 | 27.6 | 38.8 | 16.6 | 0.4 | 10.7 | 5.9 |
| | 11 | 27.3 | 38.0 | 18.7 | 0.4 | 10.1 | 5.5 |
| | 12 | 26.6 | 36.7 | 22.1 | 0.4 | 9.2 | 5.0 |
| 2019 ^p | 1 | 26.0 | 36.9 | 22.5 | 0.4 | 8.9 | 5.3 |
| | 2 | 26.9 | 36.8 | 21.2 | 0.4 | 9.3 | 5.4 |
| | 3 | 24.8 | 37.8 | 19.3 | 0.4 | 11.6 | 6.1 |
| | 4 | 23.8 | 39.5 | 17.8 | 0.5 | 12.4 | 6.1 |
| | 5 | 25.2 | 39.1 | 15.2 | 0.5 | 13.4 | 6.6 |
| | 6 | 27.9 | 39.2 | 13.7 | 0.4 | 12.5 | 6.3 |
| | 7 | 29.8 | 39.6 | 14.5 | 0.5 | 9.7 | 5.9 |
| | 8 | 29.8 | 39.4 | 14.1 | 0.5 | 9.9 | 6.2 |
| | 9 | 30.9 | 39.2 | 13.8 | 0.5 | 9.5 | 6.2 |
| | 10 | 29.6 | 39.6 | 14.9 | 0.5 | 9.4 | 6.1 |
| | 11 | 26.6 | 39.6 | 19.2 | 0.4 | 8.6 | 5.6 |
| | 12 | 24.1 | 38.6 | 23.1 | 0.4 | 8.4 | 5.3 |
| 2020 ^p | 1 | 24.2 | 37.1 | 23.5 | 0.4 | 9.3 | 5.5 |
| | 2 | 23.2 | 36.3 | 23.0 | 0.5 | 10.8 | 6.2 |
| 2019 ^p | 1-2 | 26.4 | 36.8 | 21.9 | 0.4 | 9.1 | 5.4 |
| 2020 ^p | 1-2 | 23.7 | 36.7 | 23.3 | 0.4 | 10.0 | 5.9 |

1. 기타: 폐기물을 이용하여 제조한 것

1. Others: The energy source is manufactured from the waste.

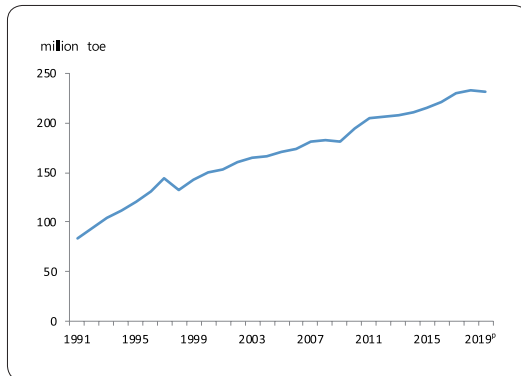
2. 최종에너지 소비

Final energy consumption

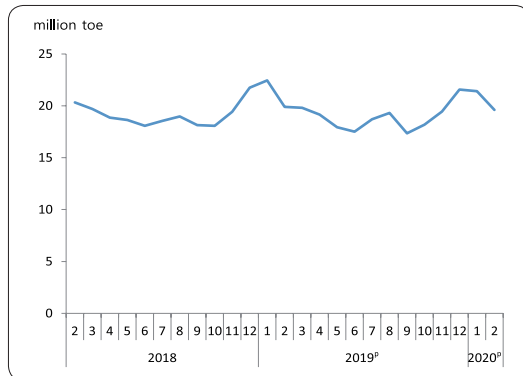


□ 최종에너지 소비 Total final energy consumption

<1991~2019^p>

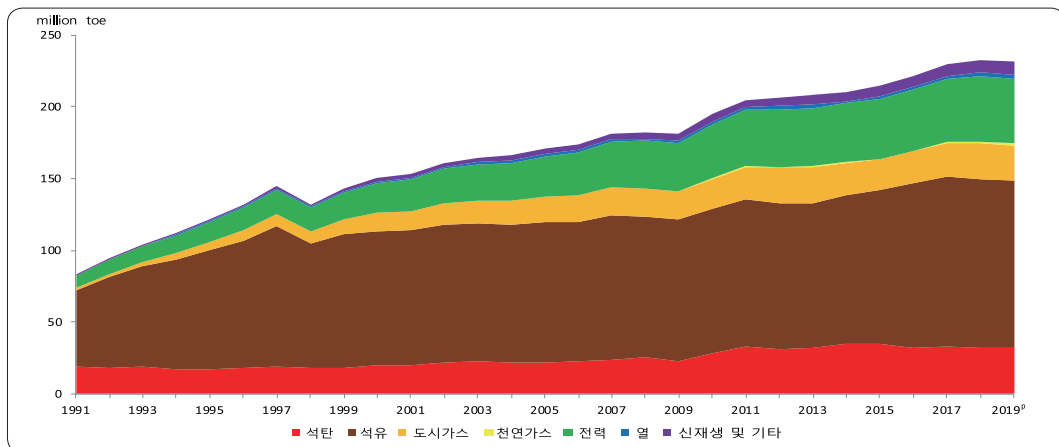


<월별 Monthly>

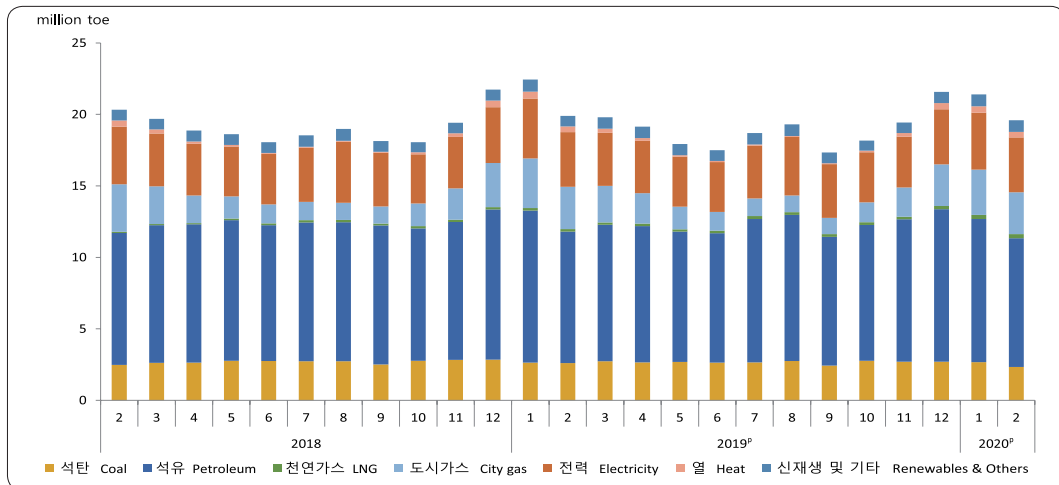


□ 에너지원별 최종에너지 소비 Final energy consumption by source

<1991~2019^p>



<월별 Monthly>



2.1.1 최종에너지 원별 소비

Final energy consumption by source

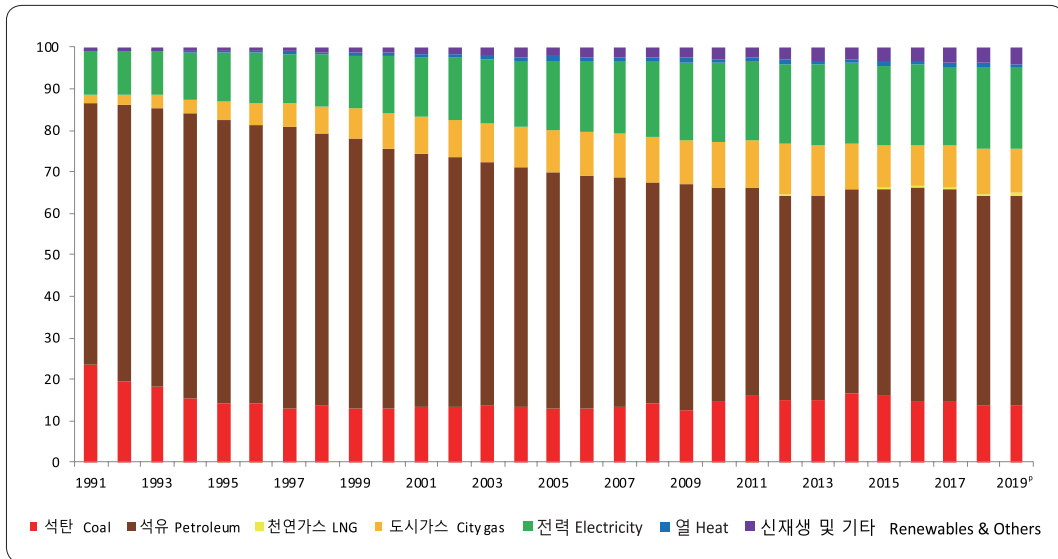
| 구 분 | | 합계 | 석탄 | 석유 | 천연가스 | 도시가스 | 전력 | 열 | 신재생 및 기타 ¹⁾ |
|-------------------|-----|-----------|--------|-----------|-------|----------|-------------|-------|-----------------------------------|
| | | Total | Coal | Petroleum | LNG | City gas | Electricity | Heat | Renewables & Others ²⁾ |
| | | 1,000 toe | | | | | | | |
| 1990 | | 74,701 | 19,454 | 45,252 | - | 1,011 | 8,111 | 75 | 797 |
| 1995 | | 121,333 | 17,327 | 82,679 | - | 5,594 | 14,041 | 641 | 1,050 |
| 1996 | | 131,573 | 18,406 | 88,566 | - | 6,937 | 15,692 | 811 | 1,161 |
| 1997 | | 144,541 | 18,891 | 98,036 | - | 8,093 | 17,267 | 909 | 1,344 |
| 1998 | | 132,177 | 17,993 | 86,712 | - | 8,425 | 16,638 | 882 | 1,526 |
| 1999 | | 143,027 | 18,325 | 92,928 | - | 10,513 | 18,422 | 1,033 | 1,806 |
| 2000 | | 149,958 | 19,661 | 93,839 | 0 | 12,561 | 20,600 | 1,167 | 2,130 |
| 2001 | | 153,103 | 20,357 | 93,617 | - | 13,290 | 22,165 | 1,218 | 2,456 |
| 2002 | | 160,876 | 21,485 | 96,635 | - | 14,567 | 23,947 | 1,316 | 2,925 |
| 2003 | | 164,550 | 22,428 | 96,669 | - | 15,470 | 25,250 | 1,523 | 3,210 |
| 2004 | | 166,452 | 22,100 | 95,942 | - | 16,193 | 26,840 | 1,449 | 3,928 |
| 2005 | | 171,176 | 22,154 | 97,076 | - | 17,811 | 28,588 | 1,652 | 3,896 |
| 2006 | | 174,135 | 22,461 | 97,665 | - | 18,379 | 29,990 | 1,549 | 4,092 |
| 2007 | | 181,498 | 24,056 | 100,720 | - | 18,955 | 31,700 | 1,576 | 4,491 |
| 2008 | | 182,490 | 25,879 | 97,316 | - | 19,765 | 33,116 | 1,668 | 4,747 |
| 2009 | | 181,491 | 23,015 | 98,516 | - | 19,459 | 33,925 | 1,709 | 4,867 |
| 2018 | | 194,971 | 28,189 | 100,519 | 559 | 21,081 | 37,338 | 1,939 | 5,346 |
| 2011 | | 204,788 | 32,860 | 102,294 | 801 | 22,871 | 39,136 | 1,976 | 4,850 |
| 2012 | | 206,530 | 31,017 | 101,683 | 717 | 24,728 | 40,127 | 2,102 | 6,156 |
| 2013 | | 208,016 | 31,603 | 101,522 | 467 | 24,878 | 40,837 | 2,070 | 6,639 |
| 2014 | | 210,139 | 35,198 | 102,664 | 460 | 23,041 | 41,073 | 1,528 | 6,175 |
| 2015 | | 214,974 | 34,849 | 106,854 | 437 | 21,678 | 41,594 | 1,967 | 7,595 |
| 2016 | | 221,396 | 32,342 | 114,264 | 504 | 22,186 | 42,745 | 2,183 | 7,173 |
| 2017 | | 230,019 | 33,360 | 117,861 | 795 | 23,258 | 43,666 | 2,441 | 8,638 |
| 2018 | | 232,740 | 32,424 | 116,831 | 1,466 | 24,979 | 45,249 | 2,682 | 9,110 |
| 2019 ^p | | 231,235 | 31,985 | 116,447 | 2,198 | 23,947 | 44,763 | 2,552 | 9,344 |
| 2018 | 2 | 20,323 | 2,486 | 9,228 | 72 | 3,331 | 4,020 | 445 | 741 |
| | 3 | 19,684 | 2,616 | 9,638 | 79 | 2,630 | 3,693 | 294 | 734 |
| | 4 | 18,865 | 2,640 | 9,679 | 77 | 1,931 | 3,615 | 167 | 756 |
| | 5 | 18,619 | 2,768 | 9,837 | 109 | 1,556 | 3,486 | 109 | 753 |
| | 6 | 18,061 | 2,744 | 9,509 | 126 | 1,330 | 3,530 | 72 | 750 |
| | 7 | 18,530 | 2,733 | 9,713 | 149 | 1,288 | 3,787 | 70 | 790 |
| | 8 | 18,976 | 2,734 | 9,733 | 152 | 1,205 | 4,260 | 64 | 828 |
| | 9 | 18,140 | 2,515 | 9,716 | 139 | 1,187 | 3,761 | 61 | 762 |
| | 10 | 18,059 | 2,773 | 9,252 | 155 | 1,588 | 3,438 | 143 | 709 |
| | 11 | 19,417 | 2,832 | 9,640 | 164 | 2,190 | 3,604 | 257 | 731 |
| | 12 | 21,738 | 2,844 | 10,503 | 166 | 3,093 | 3,897 | 465 | 770 |
| 2019 ^p | 1 | 22,444 | 2,640 | 10,638 | 170 | 3,479 | 4,183 | 488 | 846 |
| | 2 | 19,902 | 2,611 | 9,196 | 166 | 2,972 | 3,814 | 397 | 746 |
| | 3 | 19,806 | 2,733 | 9,551 | 155 | 2,561 | 3,706 | 294 | 805 |
| | 4 | 19,144 | 2,661 | 9,520 | 179 | 2,135 | 3,650 | 195 | 804 |
| | 5 | 17,926 | 2,694 | 9,115 | 156 | 1,580 | 3,501 | 99 | 782 |
| | 6 | 17,499 | 2,641 | 9,045 | 178 | 1,311 | 3,493 | 72 | 758 |
| | 7 | 18,696 | 2,654 | 10,028 | 204 | 1,244 | 3,695 | 72 | 800 |
| | 8 | 19,298 | 2,746 | 10,223 | 202 | 1,157 | 4,090 | 68 | 813 |
| | 9 | 17,344 | 2,433 | 9,002 | 191 | 1,144 | 3,754 | 65 | 755 |
| | 10 | 18,174 | 2,762 | 9,505 | 196 | 1,394 | 3,494 | 108 | 715 |
| | 11 | 19,434 | 2,699 | 9,966 | 183 | 2,049 | 3,536 | 262 | 739 |
| | 12 | 21,567 | 2,709 | 10,658 | 219 | 2,922 | 3,847 | 431 | 780 |
| 2020 ^p | 1 | 21,402 | 2,678 | 10,004 | 282 | 3,168 | 3,984 | 446 | 841 |
| | 2 | 19,593 | 2,337 | 9,007 | 284 | 2,930 | 3,827 | 393 | 816 |
| 2019 ^p | 1-2 | 42,346 | 5,251 | 19,834 | 336 | 6,450 | 7,998 | 885 | 1,592 |
| 2020 ^p | 1-2 | 40,995 | 5,014 | 19,012 | 565 | 6,098 | 7,811 | 838 | 1,657 |

1. 기타: 폐기물을 이용하여 제조한 것

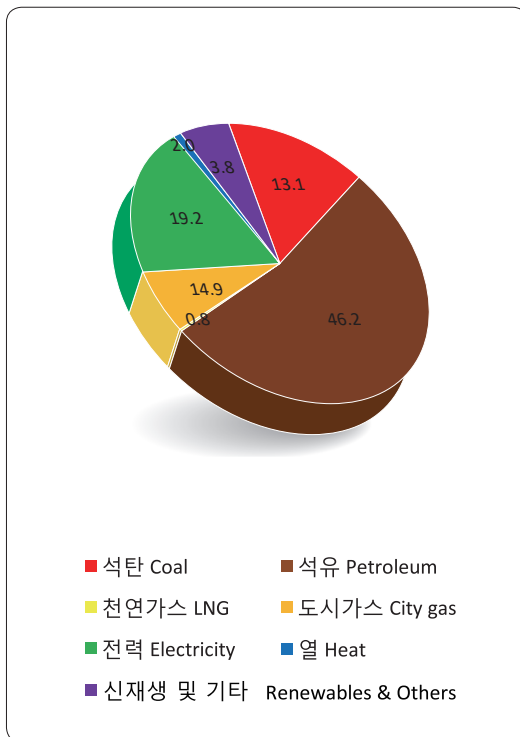
1. Others: The energy source is manufactured from the waste.

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

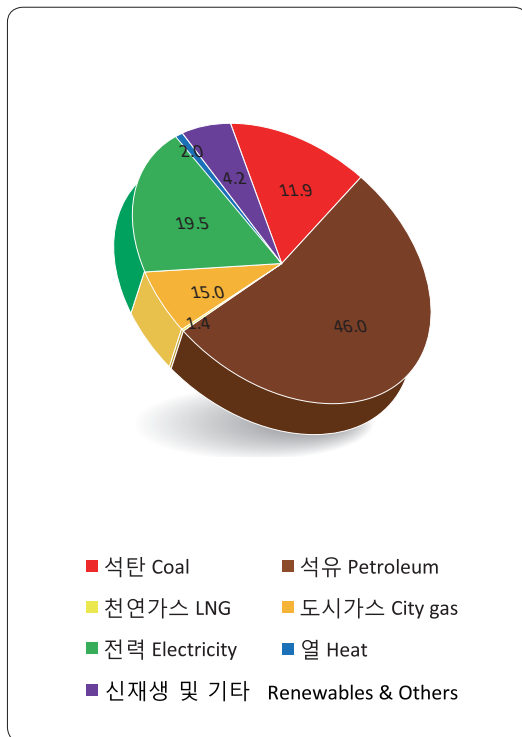
<1991~2019^p>



□ 2019년 2월 February 2019^p(%)



□ 2020년 2월 February 2020^p(%)



2.1.2 최종에너지 원별 구성비

Composition rate of final energy consumption

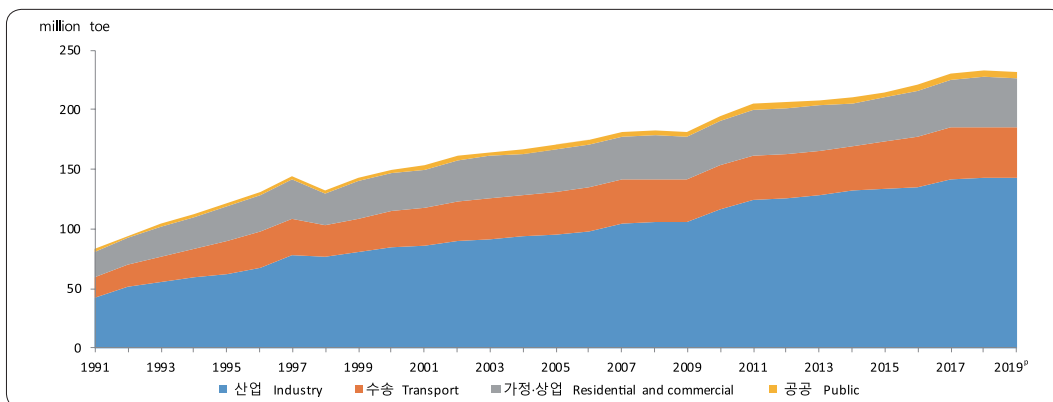
| 구 분 | | 석탄 Coal | 석유 Petroleum | 천연가스 LNG | 도시가스 City gas | 전력 Electricity | 열 Heat | 신재생 및 기타 ¹⁾ Renewables & Others ²⁾ |
|-------------------|-----|------------|-----------------|-------------|------------------|-------------------|-----------|---|
| | | % | | | | | | |
| 1990 | | 26.0 | 60.6 | 0.0 | 1.4 | 10.9 | 0.1 | 1.1 |
| 1995 | | 14.3 | 68.1 | 0.0 | 4.6 | 11.6 | 0.5 | 0.9 |
| 1996 | | 14.0 | 67.3 | 0.0 | 5.3 | 11.9 | 0.6 | 0.9 |
| 1997 | | 13.1 | 67.8 | 0.0 | 5.6 | 11.9 | 0.6 | 0.9 |
| 1998 | | 13.6 | 65.6 | 0.0 | 6.4 | 12.6 | 0.7 | 1.2 |
| 1999 | | 12.8 | 65.0 | 0.0 | 7.4 | 12.9 | 0.7 | 1.3 |
| 2000 | | 13.1 | 62.6 | 0.0 | 8.4 | 13.7 | 0.8 | 1.4 |
| 2001 | | 13.3 | 61.1 | 0.0 | 8.7 | 14.5 | 0.8 | 1.6 |
| 2002 | | 13.4 | 60.1 | 0.0 | 9.1 | 14.9 | 0.8 | 1.8 |
| 2003 | | 13.6 | 58.7 | 0.0 | 9.4 | 15.3 | 0.9 | 2.0 |
| 2004 | | 13.3 | 57.6 | 0.0 | 9.7 | 16.1 | 0.9 | 2.4 |
| 2005 | | 12.9 | 56.7 | 0.0 | 10.4 | 16.7 | 1.0 | 2.3 |
| 2006 | | 12.9 | 56.1 | 0.0 | 10.6 | 17.2 | 0.9 | 2.3 |
| 2007 | | 13.3 | 55.5 | 0.0 | 10.4 | 17.5 | 0.9 | 2.5 |
| 2008 | | 14.2 | 53.3 | 0.0 | 10.8 | 18.1 | 0.9 | 2.6 |
| 2009 | | 12.7 | 54.3 | 0.0 | 10.7 | 18.7 | 0.9 | 2.7 |
| 2010 | | 14.5 | 51.6 | 0.3 | 10.8 | 19.2 | 1.0 | 2.7 |
| 2011 | | 16.0 | 50.0 | 0.4 | 11.2 | 19.1 | 1.0 | 2.4 |
| 2012 | | 15.0 | 49.2 | 0.3 | 12.0 | 19.4 | 1.0 | 3.0 |
| 2013 | | 15.2 | 48.8 | 0.2 | 12.0 | 19.6 | 1.0 | 3.2 |
| 2014 | | 16.7 | 48.9 | 0.2 | 11.0 | 19.5 | 0.7 | 2.9 |
| 2015 | | 16.2 | 49.7 | 0.2 | 10.1 | 19.3 | 0.9 | 3.5 |
| 2016 | | 14.6 | 51.6 | 0.2 | 10.0 | 19.3 | 1.0 | 3.2 |
| 2017 | | 14.5 | 51.2 | 0.3 | 10.1 | 19.0 | 1.1 | 3.8 |
| 2018 | | 13.9 | 50.2 | 0.6 | 10.7 | 19.4 | 1.2 | 3.9 |
| 2019 ^p | | 13.8 | 50.4 | 1.0 | 10.4 | 19.4 | 1.1 | 4.0 |
| 2018 | 2 | 12.2 | 45.4 | 0.4 | 16.4 | 19.8 | 2.2 | 3.6 |
| | 3 | 13.3 | 49.0 | 0.4 | 13.4 | 18.8 | 1.5 | 3.7 |
| | 4 | 14.0 | 51.3 | 0.4 | 10.2 | 19.2 | 0.9 | 4.0 |
| | 5 | 14.9 | 52.8 | 0.6 | 8.4 | 18.7 | 0.6 | 4.0 |
| | 6 | 15.2 | 52.6 | 0.7 | 7.4 | 19.5 | 0.4 | 4.2 |
| | 7 | 14.7 | 52.4 | 0.8 | 7.0 | 20.4 | 0.4 | 4.3 |
| | 8 | 14.4 | 51.3 | 0.8 | 6.4 | 22.4 | 0.3 | 4.4 |
| | 9 | 13.9 | 53.6 | 0.8 | 6.5 | 20.7 | 0.3 | 4.2 |
| | 10 | 15.4 | 51.2 | 0.9 | 8.8 | 19.0 | 0.8 | 3.9 |
| | 11 | 14.6 | 49.6 | 0.8 | 11.3 | 18.6 | 1.3 | 3.8 |
| | 12 | 13.1 | 48.3 | 0.8 | 14.2 | 17.9 | 2.1 | 3.5 |
| 2019 ^p | 1 | 11.8 | 47.4 | 0.8 | 15.5 | 18.6 | 2.2 | 3.8 |
| | 2 | 13.1 | 46.2 | 0.8 | 14.9 | 19.2 | 2.0 | 3.7 |
| | 3 | 13.8 | 48.2 | 0.8 | 12.9 | 18.7 | 1.5 | 4.1 |
| | 4 | 13.9 | 49.7 | 0.9 | 11.2 | 19.1 | 1.0 | 4.2 |
| | 5 | 15.0 | 50.8 | 0.9 | 8.8 | 19.5 | 0.5 | 4.4 |
| | 6 | 15.1 | 51.7 | 1.0 | 7.5 | 20.0 | 0.4 | 4.3 |
| | 7 | 14.2 | 53.6 | 1.1 | 6.7 | 19.8 | 0.4 | 4.3 |
| | 8 | 14.2 | 53.0 | 1.0 | 6.0 | 21.2 | 0.4 | 4.2 |
| | 9 | 14.0 | 51.9 | 1.1 | 6.6 | 21.6 | 0.4 | 4.4 |
| | 10 | 15.2 | 52.3 | 1.1 | 7.7 | 19.2 | 0.6 | 3.9 |
| | 11 | 13.9 | 51.3 | 0.9 | 10.5 | 18.2 | 1.3 | 3.8 |
| | 12 | 12.6 | 49.4 | 1.0 | 13.5 | 17.8 | 2.0 | 3.6 |
| 2020 ^p | 1 | 12.5 | 46.7 | 1.3 | 14.8 | 18.6 | 2.1 | 3.9 |
| | 2 | 11.9 | 46.0 | 1.4 | 15.0 | 19.5 | 2.0 | 4.2 |
| 2019 ^p | 1-2 | 12.4 | 46.8 | 0.8 | 15.2 | 18.9 | 2.1 | 3.8 |
| 2020 ^p | 1-2 | 12.2 | 46.4 | 1.4 | 14.9 | 19.1 | 2.0 | 4.0 |

1. 기타: 폐기물을 이용하여 제조한 것

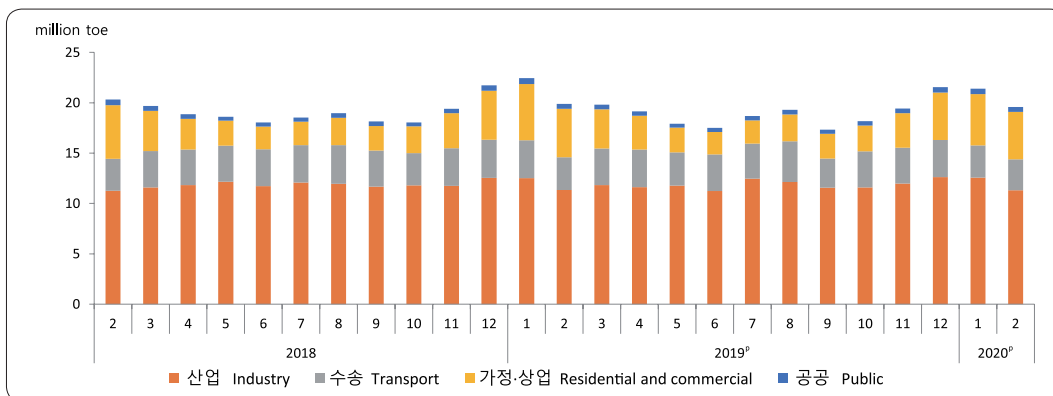
1. Others: The energy source is manufactured from the waste.

□ 최종에너지 부문별 소비 Final energy consumption by sector

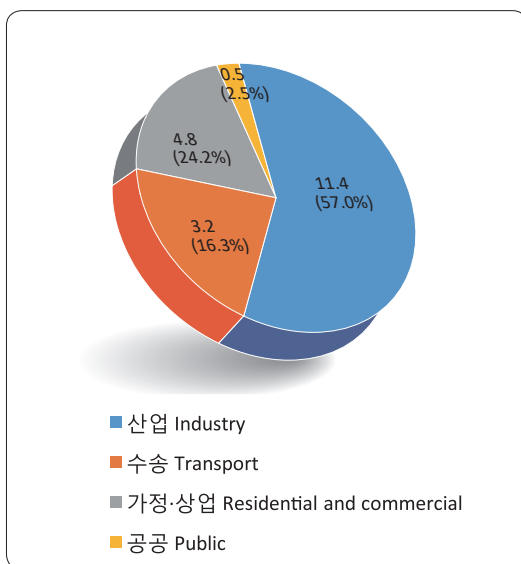
<1991~2019^p>



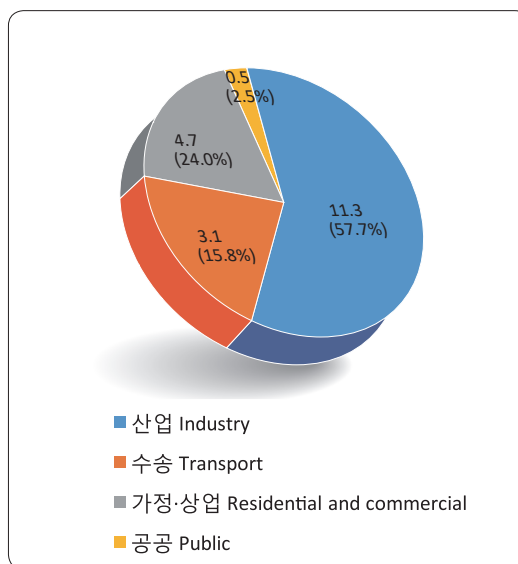
<월별 Monthly>



□ 2019년 2월 February 2019^p(%)



□ 2020년 2월 February 2020^p(%)



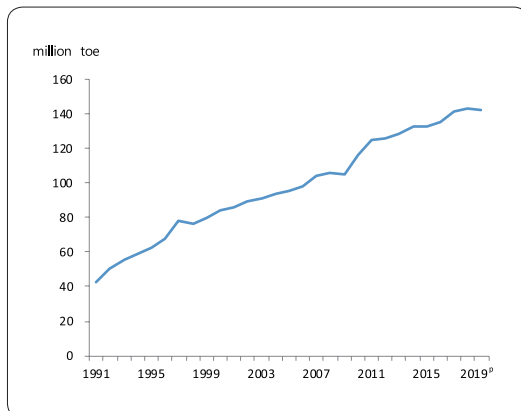
2.2.1 최종에너지 부문별 소비

Final energy consumption by sector

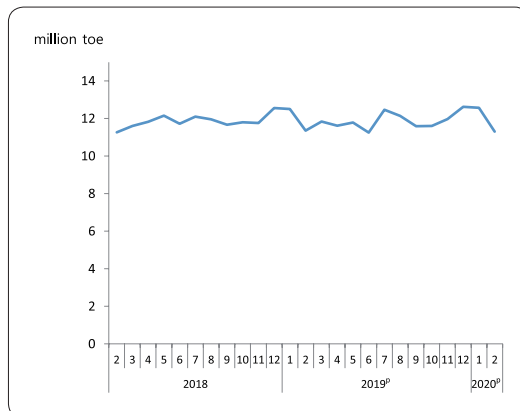
| 구 분 | | 합계 Total | 산업 Industry | 수송 Transport | 가정·상업 Residential and commercial | 공공 Public |
|-------------------|-----|-------------|----------------|-----------------|-------------------------------------|--------------|
| 1,000 toe | | | | | | |
| 1990 | | 74,701 | 36,144 | 14,173 | 21,572 | 2,812 |
| 1995 | | 121,333 | 62,695 | 27,130 | 29,093 | 2,415 |
| 1996 | | 131,573 | 67,751 | 29,789 | 31,374 | 2,659 |
| 1997 | | 144,541 | 78,322 | 30,736 | 32,768 | 2,715 |
| 1998 | | 132,177 | 76,353 | 26,178 | 27,156 | 2,489 |
| 1999 | | 143,027 | 80,114 | 28,625 | 31,640 | 2,649 |
| 2000 | | 149,958 | 84,237 | 30,945 | 32,153 | 2,623 |
| 2001 | | 153,103 | 85,562 | 31,910 | 32,639 | 2,991 |
| 2002 | | 160,876 | 89,755 | 33,765 | 34,160 | 3,196 |
| 2003 | | 164,550 | 91,400 | 34,634 | 34,786 | 3,730 |
| 2004 | | 166,452 | 93,650 | 34,635 | 34,566 | 3,600 |
| 2005 | | 171,176 | 95,211 | 35,534 | 36,336 | 4,095 |
| 2006 | | 174,135 | 97,839 | 36,522 | 35,921 | 3,853 |
| 2007 | | 181,498 | 104,348 | 37,059 | 35,943 | 4,148 |
| 2008 | | 182,490 | 106,338 | 35,756 | 36,292 | 4,104 |
| 2009 | | 181,491 | 105,464 | 35,892 | 35,835 | 4,299 |
| 2010 | | 194,971 | 116,160 | 36,903 | 37,427 | 4,481 |
| 2011 | | 204,788 | 124,880 | 36,842 | 38,265 | 4,800 |
| 2012 | | 206,530 | 125,930 | 36,783 | 38,603 | 5,214 |
| 2013 | | 208,016 | 128,574 | 36,961 | 37,765 | 4,716 |
| 2014 | | 210,139 | 132,589 | 37,241 | 35,627 | 4,683 |
| 2015 | | 214,974 | 133,001 | 39,851 | 37,021 | 5,101 |
| 2016 | | 221,396 | 135,158 | 42,271 | 38,721 | 5,246 |
| 2017 | | 230,019 | 141,906 | 42,796 | 39,857 | 5,460 |
| 2018 | | 232,740 | 142,870 | 42,959 | 41,343 | 5,567 |
| 2019 ^p | | 231,235 | 142,730 | 42,553 | 40,452 | 5,500 |
| 2018 | 2 | 20,323 | 11,269 | 3,160 | 5,342 | 553 |
| | 3 | 19,684 | 11,606 | 3,603 | 3,985 | 489 |
| | 4 | 18,865 | 11,820 | 3,545 | 3,056 | 445 |
| | 5 | 18,619 | 12,157 | 3,580 | 2,492 | 390 |
| | 6 | 18,061 | 11,723 | 3,665 | 2,261 | 412 |
| | 7 | 18,530 | 12,093 | 3,694 | 2,328 | 415 |
| | 8 | 18,976 | 11,952 | 3,841 | 2,727 | 456 |
| | 9 | 18,140 | 11,664 | 3,596 | 2,424 | 455 |
| | 10 | 18,059 | 11,798 | 3,215 | 2,655 | 390 |
| | 11 | 19,417 | 11,763 | 3,729 | 3,479 | 446 |
| | 12 | 21,738 | 12,556 | 3,790 | 4,861 | 531 |
| 2019 ^p | 1 | 22,444 | 12,508 | 3,782 | 5,576 | 579 |
| | 2 | 19,902 | 11,353 | 3,245 | 4,816 | 488 |
| | 3 | 19,806 | 11,837 | 3,630 | 3,878 | 461 |
| | 4 | 19,144 | 11,620 | 3,748 | 3,337 | 438 |
| | 5 | 17,926 | 11,785 | 3,282 | 2,466 | 392 |
| | 6 | 17,499 | 11,243 | 3,624 | 2,227 | 405 |
| | 7 | 18,696 | 12,459 | 3,487 | 2,317 | 433 |
| | 8 | 19,298 | 12,141 | 4,045 | 2,650 | 462 |
| | 9 | 17,344 | 11,584 | 2,874 | 2,463 | 423 |
| | 10 | 18,174 | 11,609 | 3,564 | 2,579 | 422 |
| | 11 | 19,434 | 11,972 | 3,570 | 3,437 | 456 |
| | 12 | 21,567 | 12,618 | 3,702 | 4,707 | 540 |
| 2020 ^p | 1 | 21,402 | 12,569 | 3,191 | 5,098 | 545 |
| | 2 | 19,593 | 11,306 | 3,090 | 4,698 | 499 |
| 2019 ^p | 1-2 | 42,346 | 23,861 | 7,027 | 10,392 | 1,067 |
| 2020 ^p | 1-2 | 40,995 | 23,875 | 6,281 | 9,796 | 1,044 |

□ 산업 Industry

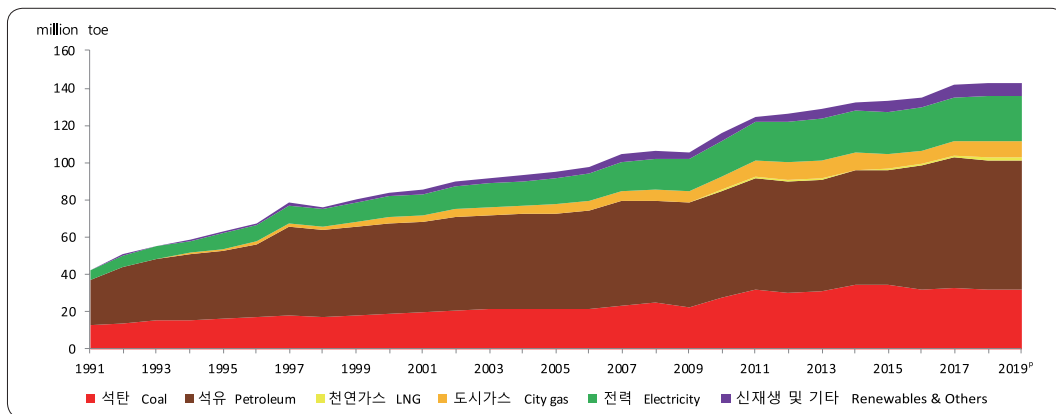
<1991~2019^p>



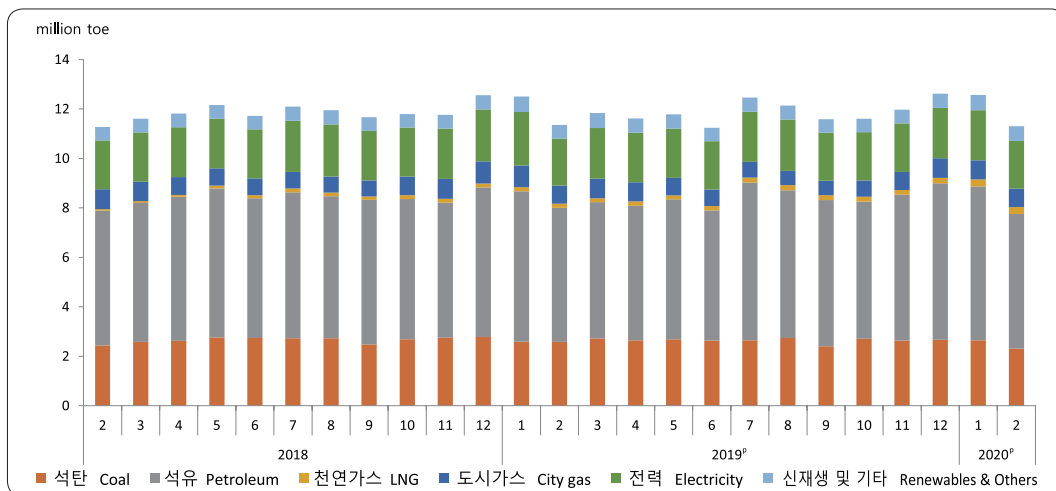
<월별 Monthly>



<1991~2019^p>



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2.2.2 산업

Industry

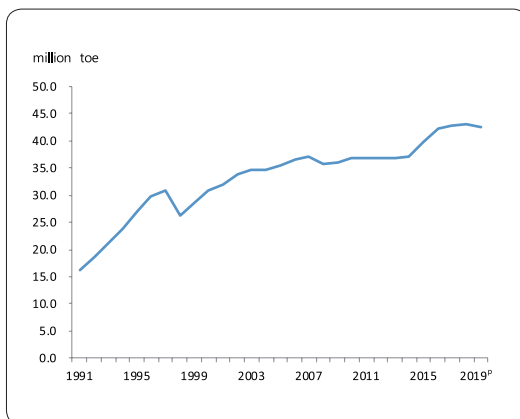
| 구 분 | | 합계 Total | 석탄 Coal | 석유 Petroleum | 천연가스 LNG | 도시가스 City gas | 전력 Electricity | 신재생 및 기타¹ Renewables & Others¹ |
|-------------------|-----|-------------|------------|-----------------|-------------|------------------|-------------------|-----------------------------------|
| | | 1,000 toe | | | | | | |
| 1990 | | 36,144 | 10,806 | 20,014 | - | 235 | 5,089 | 0 |
| 1995 | | 62,695 | 15,972 | 36,830 | - | 863 | 8,293 | 736 |
| 1996 | | 67,751 | 17,523 | 38,940 | - | 1,196 | 9,179 | 912 |
| 1997 | | 78,322 | 18,266 | 47,429 | - | 1,496 | 10,009 | 1,123 |
| 1998 | | 76,353 | 17,440 | 46,456 | - | 1,812 | 9,359 | 1,287 |
| 1999 | | 80,114 | 17,822 | 47,800 | - | 2,530 | 10,394 | 1,568 |
| 2000 | | 84,237 | 19,125 | 48,522 | 0 | 3,308 | 11,374 | 1,908 |
| 2001 | | 85,562 | 19,804 | 48,254 | - | 3,612 | 11,678 | 2,215 |
| 2002 | | 89,755 | 20,956 | 50,032 | - | 3,984 | 12,423 | 2,359 |
| 2003 | | 91,400 | 21,890 | 49,898 | - | 4,177 | 12,933 | 2,503 |
| 2004 | | 93,650 | 21,475 | 50,839 | - | 4,382 | 13,617 | 3,337 |
| 2005 | | 95,211 | 21,242 | 51,746 | - | 4,656 | 14,346 | 3,222 |
| 2006 | | 97,839 | 21,398 | 53,114 | - | 4,847 | 15,021 | 3,459 |
| 2007 | | 104,348 | 23,043 | 56,364 | - | 5,225 | 16,018 | 3,699 |
| 2008 | | 106,338 | 24,791 | 54,964 | - | 5,933 | 16,738 | 3,912 |
| 2009 | | 105,464 | 22,075 | 56,616 | - | 5,891 | 17,006 | 3,876 |
| 2010 | | 116,160 | 27,288 | 57,576 | 559 | 7,329 | 19,193 | 4,215 |
| 2011 | | 124,880 | 31,989 | 59,977 | 801 | 8,383 | 20,830 | 2,900 |
| 2012 | | 125,930 | 30,185 | 60,073 | 717 | 9,501 | 21,426 | 4,028 |
| 2013 | | 128,574 | 30,730 | 60,369 | 467 | 9,903 | 22,088 | 5,017 |
| 2014 | | 132,589 | 34,452 | 61,343 | 460 | 9,050 | 22,757 | 4,526 |
| 2015 | | 133,001 | 34,177 | 62,156 | 437 | 7,644 | 22,844 | 5,743 |
| 2016 | | 135,158 | 31,770 | 66,820 | 504 | 7,537 | 23,218 | 5,309 |
| 2017 | | 141,906 | 32,847 | 69,833 | 795 | 8,010 | 23,794 | 6,627 |
| 2018 | | 142,870 | 31,992 | 69,294 | 1,466 | 9,028 | 24,399 | 6,691 |
| 2019 ^p | | 142,730 | 31,681 | 69,411 | 2,198 | 8,543 | 24,060 | 6,838 |
| 2018 | 2 | 11,269 | 2,440 | 5,444 | 72 | 800 | 1,972 | 541 |
| | 3 | 11,606 | 2,588 | 5,613 | 79 | 776 | 2,002 | 549 |
| | 4 | 11,820 | 2,624 | 5,829 | 77 | 717 | 2,019 | 554 |
| | 5 | 12,157 | 2,759 | 6,032 | 109 | 701 | 2,005 | 550 |
| | 6 | 11,723 | 2,737 | 5,656 | 126 | 678 | 1,982 | 544 |
| | 7 | 12,093 | 2,728 | 5,906 | 149 | 673 | 2,069 | 567 |
| | 8 | 11,952 | 2,726 | 5,742 | 152 | 650 | 2,105 | 577 |
| | 9 | 11,664 | 2,484 | 5,840 | 139 | 647 | 2,005 | 550 |
| | 10 | 11,798 | 2,689 | 5,673 | 155 | 751 | 1,985 | 544 |
| | 11 | 11,763 | 2,750 | 5,458 | 164 | 803 | 2,031 | 557 |
| | 12 | 12,556 | 2,785 | 6,039 | 166 | 892 | 2,098 | 575 |
| 2019 ^p | 1 | 12,508 | 2,596 | 6,071 | 170 | 880 | 2,159 | 632 |
| | 2 | 11,353 | 2,584 | 5,422 | 166 | 725 | 1,903 | 552 |
| | 3 | 11,837 | 2,715 | 5,520 | 155 | 795 | 2,046 | 606 |
| | 4 | 11,620 | 2,648 | 5,435 | 179 | 773 | 2,005 | 580 |
| | 5 | 11,785 | 2,688 | 5,660 | 156 | 711 | 1,995 | 576 |
| | 6 | 11,243 | 2,638 | 5,263 | 178 | 664 | 1,951 | 550 |
| | 7 | 12,459 | 2,651 | 6,376 | 204 | 632 | 2,022 | 575 |
| | 8 | 12,141 | 2,740 | 5,976 | 202 | 576 | 2,086 | 562 |
| | 9 | 11,584 | 2,410 | 5,912 | 191 | 583 | 1,952 | 536 |
| | 10 | 11,609 | 2,712 | 5,541 | 196 | 667 | 1,951 | 543 |
| | 11 | 11,972 | 2,635 | 5,904 | 183 | 738 | 1,958 | 554 |
| | 12 | 12,618 | 2,666 | 6,332 | 219 | 796 | 2,032 | 572 |
| 2020 ^p | 1 | 12,569 | 2,650 | 6,219 | 282 | 779 | 2,024 | 615 |
| | 2 | 11,306 | 2,314 | 5,435 | 284 | 742 | 1,930 | 601 |
| 2019 ^p | 1-2 | 23,861 | 5,180 | 11,494 | 336 | 1,606 | 4,062 | 1,184 |
| 2020 ^p | 1-2 | 23,875 | 4,964 | 11,654 | 565 | 1,521 | 3,954 | 1,217 |

1. 기타: 폐기물을 이용하여 제조한 것

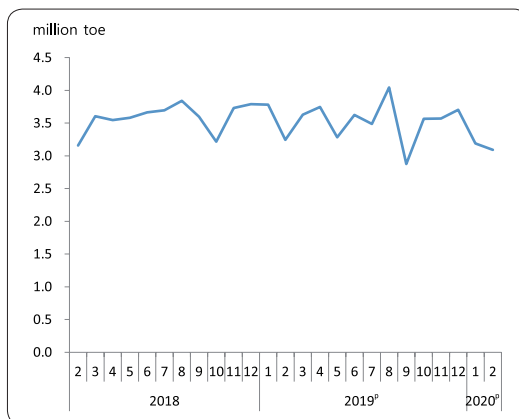
1. Others: The energy source is manufactured from the waste.

□ 수송 Transportation

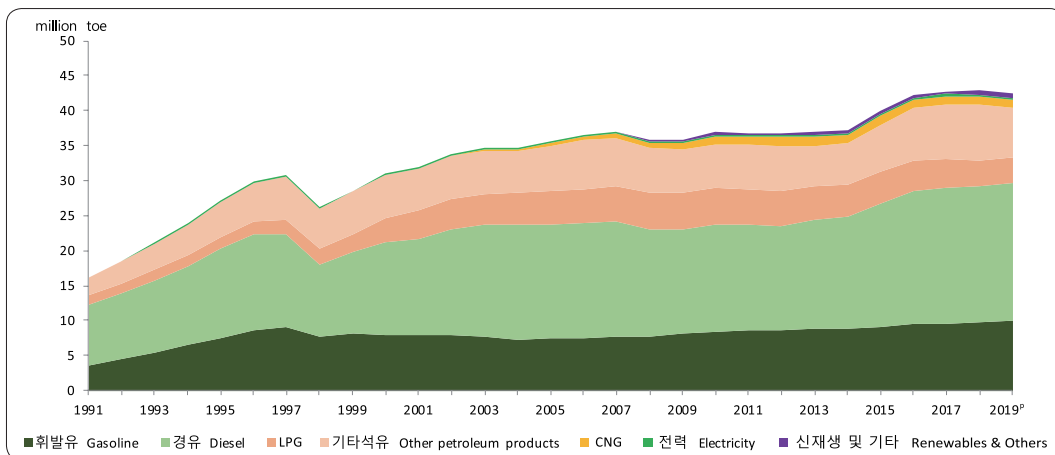
<1991~2019^p>



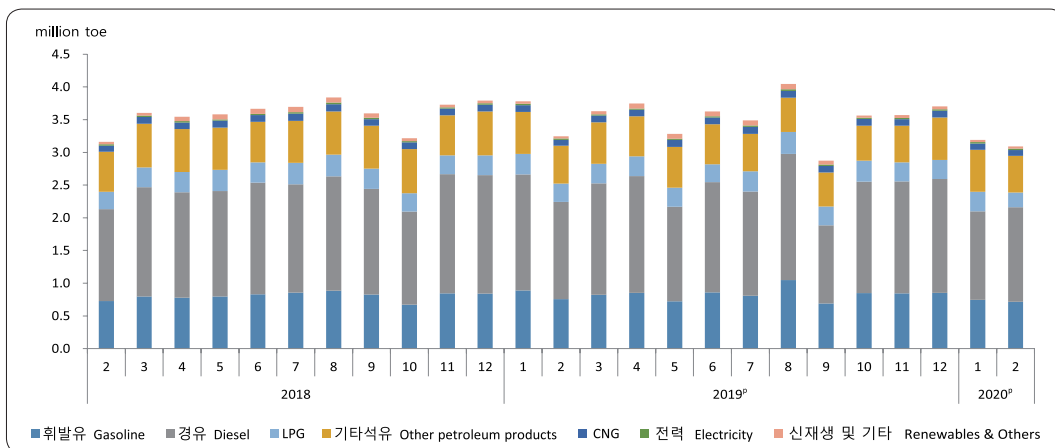
<월별 Monthly>



<1991~2019^p>



<월별 Monthly>



2.2.3 수송

Transportation

| 구 분 | | 합계 Total | 휘발유 Gasoline | 경유 Diesel | LPG | CNG | 전력 Electricity | 신재생 및 기타 ¹ Renewables & Others ¹ |
|-------------------|-----|-------------|-----------------|--------------|-------|-------|-------------------|---|
| | | 1,000 toe | | | | | | |
| 1990 | | 14,173 | 2,936 | 7,748 | 1,222 | - | 87 | - |
| 1995 | | 27,130 | 7,527 | 12,639 | 1,749 | - | 138 | - |
| 1996 | | 29,789 | 8,664 | 13,572 | 1,861 | - | 145 | - |
| 1997 | | 30,736 | 9,074 | 13,235 | 1,990 | - | 151 | - |
| 1998 | | 26,178 | 7,618 | 10,469 | 2,090 | - | 136 | - |
| 1999 | | 28,625 | 8,070 | 11,725 | 2,599 | - | 149 | - |
| 2000 | | 30,945 | 7,884 | 13,283 | 3,453 | - | 175 | - |
| 2001 | | 31,910 | 7,848 | 13,892 | 3,946 | 7 | 194 | - |
| 2002 | | 33,765 | 7,961 | 15,089 | 4,229 | 80 | 195 | - |
| 2003 | | 34,634 | 7,634 | 16,106 | 4,415 | 146 | 200 | - |
| 2004 | | 34,635 | 7,335 | 16,388 | 4,586 | 239 | 213 | 6 |
| 2005 | | 35,534 | 7,512 | 16,300 | 4,680 | 339 | 224 | 13 |
| 2006 | | 36,522 | 7,574 | 16,388 | 4,844 | 475 | 218 | 53 |
| 2007 | | 37,059 | 7,686 | 16,414 | 5,174 | 615 | 209 | 96 |
| 2008 | | 35,756 | 7,745 | 15,353 | 5,191 | 777 | 196 | 178 |
| 2009 | | 35,892 | 8,106 | 14,949 | 5,332 | 960 | 187 | 254 |
| 2010 | | 36,903 | 8,498 | 15,099 | 5,294 | 1,112 | 188 | 357 |
| 2011 | | 36,842 | 8,579 | 15,046 | 5,036 | 1,174 | 193 | 336 |
| 2012 | | 36,783 | 8,612 | 14,954 | 4,863 | 1,248 | 194 | 360 |
| 2013 | | 36,961 | 8,802 | 15,552 | 4,755 | 1,299 | 186 | 548 |
| 2014 | | 37,241 | 8,805 | 16,058 | 4,455 | 1,307 | 172 | 454 |
| 2015 | | 39,851 | 9,186 | 17,566 | 4,405 | 1,288 | 191 | 445 |
| 2016 | | 42,271 | 9,511 | 19,028 | 4,209 | 1,270 | 231 | 443 |
| 2017 | | 42,796 | 9,625 | 19,447 | 3,930 | 1,253 | 246 | 428 |
| 2018 | | 42,959 | 9,649 | 19,645 | 3,664 | 1,238 | 255 | 683 |
| 2019 ^p | | 42,553 | 10,003 | 19,749 | 3,592 | 1,213 | 250 | 688 |
| 2018 | 2 | 3,160 | 728 | 1,405 | 266 | 92 | 22 | 34 |
| | 3 | 3,603 | 796 | 1,670 | 305 | 103 | 20 | 42 |
| | 4 | 3,545 | 779 | 1,612 | 309 | 101 | 19 | 68 |
| | 5 | 3,580 | 797 | 1,610 | 326 | 104 | 19 | 77 |
| | 6 | 3,665 | 830 | 1,706 | 310 | 104 | 20 | 76 |
| | 7 | 3,694 | 857 | 1,654 | 329 | 111 | 23 | 78 |
| | 8 | 3,841 | 884 | 1,751 | 330 | 110 | 25 | 81 |
| | 9 | 3,596 | 827 | 1,616 | 310 | 101 | 22 | 67 |
| | 10 | 3,215 | 672 | 1,423 | 282 | 104 | 20 | 43 |
| | 11 | 3,729 | 846 | 1,820 | 287 | 102 | 20 | 41 |
| | 12 | 3,790 | 841 | 1,809 | 304 | 105 | 22 | 40 |
| 2019 ^p | 1 | 3,782 | 889 | 1,775 | 311 | 101 | 23 | 39 |
| | 2 | 3,245 | 758 | 1,486 | 278 | 89 | 21 | 34 |
| | 3 | 3,630 | 823 | 1,705 | 299 | 101 | 20 | 50 |
| | 4 | 3,748 | 852 | 1,787 | 301 | 100 | 20 | 77 |
| | 5 | 3,282 | 722 | 1,445 | 293 | 104 | 20 | 74 |
| | 6 | 3,624 | 862 | 1,682 | 274 | 102 | 20 | 72 |
| | 7 | 3,487 | 808 | 1,593 | 311 | 108 | 22 | 76 |
| | 8 | 4,045 | 1,047 | 1,928 | 338 | 104 | 24 | 82 |
| | 9 | 2,874 | 692 | 1,193 | 287 | 100 | 22 | 61 |
| | 10 | 3,564 | 851 | 1,704 | 319 | 102 | 19 | 35 |
| | 11 | 3,570 | 847 | 1,710 | 290 | 100 | 19 | 45 |
| | 12 | 3,702 | 853 | 1,741 | 292 | 102 | 20 | 44 |
| 2020 ^p | 1 | 3,191 | 748 | 1,350 | 300 | 96 | 21 | 34 |
| | 2 | 3,090 | 716 | 1,445 | 225 | 91 | 20 | 33 |
| 2019 ^p | 1-2 | 7,027 | 1,647 | 3,261 | 589 | 190 | 44 | 73 |
| 2020 ^p | 1-2 | 6,281 | 1,463 | 2,795 | 525 | 187 | 41 | 67 |

주: 합계에는 항공유, 중유 및 기타 석유제품 포함.

1. 기타: 폐기물을 이용하여 제조한 것

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

1. Others: The energy source is manufactured from the waste.

2.2.4 가정·상업

| 구 분 | 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 | 16,366 | 5,206 | 8,627 | - | 4,960 | 3,916 | 455 | 322 |
| 1995 | 19,191 | 9,902 | 1,355 | - | 10,813 | 6,621 | 3,767 | 839 |
| 1996 | 21,000 | 10,375 | 883 | - | 12,022 | 6,429 | 4,515 | 1,073 |
| 1997 | 20,956 | 11,812 | 625 | - | 11,241 | 7,329 | 5,297 | 1,139 |
| 1998 | 17,128 | 10,028 | 553 | - | 7,424 | 5,575 | 5,341 | 1,112 |
| 1999 | 19,961 | 11,679 | 503 | - | 8,958 | 6,424 | 6,409 | 1,374 |
| 2000 | 21,160 | 10,993 | 536 | - | 8,881 | 4,527 | 7,353 | 1,671 |
| 2001 | 21,379 | 11,260 | 553 | - | 8,706 | 3,621 | 7,526 | 1,885 |
| 2002 | 22,318 | 11,843 | 529 | - | 8,516 | 3,378 | 8,109 | 2,132 |
| 2003 | 22,346 | 12,440 | 539 | - | 7,907 | 3,166 | 8,530 | 2,359 |
| 2004 | 22,467 | 12,100 | 626 | - | 7,469 | 2,109 | 8,636 | 2,657 |
| 2005 | 22,147 | 14,189 | 912 | - | 5,781 | 3,174 | 9,524 | 2,979 |
| 2006 | 21,237 | 14,684 | 1,063 | - | 4,526 | 2,970 | 9,685 | 3,173 |
| 2007 | 21,034 | 14,909 | 1,014 | - | 4,161 | 2,781 | 9,723 | 3,108 |
| 2008 | 21,145 | 15,147 | 1,088 | - | 4,041 | 2,528 | 9,624 | 3,139 |
| 2009 | 20,622 | 15,213 | 940 | - | 3,802 | 2,343 | 9,267 | 3,065 |
| 2010 | 21,337 | 16,090 | 901 | - | 3,988 | 2,409 | 9,366 | 3,122 |
| 2011 | 21,871 | 16,394 | 871 | - | 3,736 | 2,201 | 10,125 | 3,076 |
| 2012 | 21,649 | 16,954 | 832 | - | 3,272 | 2,098 | 10,109 | 3,688 |
| 2013 | 21,293 | 16,471 | 872 | - | 3,075 | 1,923 | 9,849 | 3,730 |
| 2014 | 19,813 | 15,814 | 745 | - | 2,965 | 1,741 | 9,124 | 3,476 |
| 2015 | 20,538 | 16,483 | 672 | - | 3,186 | 2,134 | 9,192 | 3,469 |
| 2016 | 21,667 | 17,055 | 571 | - | 3,632 | 2,052 | 9,647 | 3,645 |
| 2017 | 22,479 | 17,378 | 513 | - | 3,648 | 2,042 | 10,238 | 3,680 |
| 2018 | 23,460 | 17,883 | 432 | - | 3,366 | 1,959 | 10,901 | 3,713 |
| 2019 ^p | 22,619 | 17,833 | 303 | - | 3,163 | 2,129 | 10,483 | 3,631 |
| | | | | | | | | |
| 2018 | 2 | 5,342 | 47 | - | 425 | 202 | 1,966 | 459 |
| | 3 | 3,985 | 29 | - | 280 | 184 | 1,399 | 327 |
| | 4 | 3,056 | 16 | - | 206 | 160 | 854 | 253 |
| | 5 | 2,492 | 9 | - | 180 | 153 | 532 | 216 |
| | 6 | 2,261 | 7 | - | 155 | 126 | 320 | 226 |
| | 7 | 2,328 | 5 | - | 132 | 116 | 239 | 261 |
| | 8 | 2,727 | 8 | - | 158 | 119 | 172 | 270 |
| | 9 | 2,424 | 31 | - | 213 | 131 | 220 | 215 |
| | 10 | 2,655 | 84 | - | 278 | 146 | 511 | 219 |
| | 11 | 3,479 | 82 | - | 321 | 165 | 984 | 294 |
| | 12 | 4,861 | 59 | - | 484 | 213 | 1,641 | 444 |
| | | | | | | | | |
| 2019 ^p | 1 | 5,576 | 45 | - | 516 | 272 | 1,997 | 487 |
| | 2 | 4,816 | 27 | - | 349 | 208 | 1,738 | 407 |
| | 3 | 3,878 | 19 | - | 271 | 193 | 1,321 | 336 |
| | 4 | 3,337 | 13 | - | 238 | 192 | 976 | 281 |
| | 5 | 2,466 | 6 | - | 147 | 127 | 535 | 226 |
| | 6 | 2,227 | 4 | - | 138 | 116 | 316 | 225 |
| | 7 | 2,317 | 3 | - | 130 | 149 | 244 | 256 |
| | 8 | 2,650 | 6 | - | 176 | 138 | 210 | 262 |
| | 9 | 2,463 | 23 | - | 190 | 131 | 234 | 224 |
| | 10 | 2,579 | 51 | - | 268 | 173 | 407 | 215 |
| | 11 | 3,437 | 64 | - | 327 | 196 | 912 | 295 |
| | 12 | 4,707 | 43 | - | 412 | 233 | 1,593 | 418 |
| | | | | | | | | |
| 2020 ^p | 1 | 5,098 | 28 | - | 381 | 228 | 1,851 | 430 |
| | 2 | 4,698 | 23 | - | 316 | 187 | 1,700 | 387 |
| | | | | | | | | |
| 2019 ^p | 1-2 | 10,392 | 72 | - | 865 | 480 | 3,735 | 894 |
| 2020 ^p | 1-2 | 9,796 | 50 | - | 697 | 415 | 3,551 | 817 |

1. 기타: 폐기물을 이용하여 제조한 것

주 1. 신재생 월수치는 가정, 상업 합계임.

2. 연탄소비는 모두 가정부문에 포함.

Residential and commercial

| 전력 Electricity | | 열 Heat | | 신재생 및 기타 ¹ Renewables & Others ¹ | | 구 분 |
|-------------------|------------------|-------------------|------------------|---|------------------|-------------------|
| 가정 Residential | 상업 Commercial | 가정 Residential | 상업 Commercial | 가정 Residential | 상업 Commercial | |
| 1,000 toe | | | | | | |
| 1,525 | 896 | 68 | 6 | 731 | 66 | 1990 |
| 2,434 | 2,367 | 610 | 22 | 212 | 53 | 1995 |
| 2,635 | 2,829 | 762 | 33 | 182 | 10 | 1996 |
| 2,796 | 3,294 | 850 | 42 | 146 | 8 | 1997 |
| 2,830 | 3,291 | 825 | 41 | 154 | 8 | 1998 |
| 2,974 | 3,819 | 959 | 56 | 159 | 5 | 1999 |
| 3,191 | 4,700 | 1,084 | 63 | 115 | 33 | 2000 |
| 3,372 | 5,633 | 1,111 | 80 | 109 | 42 | 2001 |
| 3,636 | 6,223 | 1,203 | 84 | 325 | 26 | 2002 |
| 3,833 | 6,752 | 1,252 | 105 | 286 | 58 | 2003 |
| 4,181 | 7,171 | 1,299 | 116 | 256 | 47 | 2004 |
| 4,375 | 7,858 | 1,466 | 143 | 89 | 34 | 2005 |
| 4,517 | 8,366 | 1,367 | 140 | 79 | 37 | 2006 |
| 4,659 | 8,854 | 1,409 | 127 | 69 | 39 | 2007 |
| 4,836 | 9,308 | 1,490 | 138 | 65 | 35 | 2008 |
| 4,953 | 9,640 | 1,530 | 133 | 129 | 33 | 2009 |
| 5,263 | 10,373 | 1,747 | 152 | 72 | 33 | 2010 |
| 5,295 | 10,463 | 1,774 | 158 | 70 | 495 | 2011 |
| 5,464 | 10,585 | 1,878 | 177 | 94 | 405 | 2012 |
| 5,501 | 10,576 | 1,841 | 182 | 155 | 60 | 2013 |
| 5,390 | 10,316 | 1,376 | 126 | 213 | 155 | 2014 |
| 5,486 | 10,533 | 1,758 | 173 | 243 | 174 | 2015 |
| 5,691 | 10,959 | 1,895 | 238 | 231 | 160 | 2016 |
| 5,720 | 11,212 | 2,105 | 280 | 254 | 163 | 2017 |
| 6,079 | 11,732 | 2,289 | 332 | 393 | 147 | 2018 |
| 6,059 | 11,628 | 2,195 | 295 | 415 | 150 | 2019 ^p |
| 535 | 1,222 | 392 | 44 | 50 | 2 | 2018 |
| 458 | 978 | 263 | 25 | 42 | 3 | |
| 469 | 891 | 151 | 14 | 41 | 4 | |
| 439 | 818 | 87 | 19 | 39 | 5 | |
| 453 | 865 | 50 | 20 | 40 | 6 | |
| 505 | 959 | 38 | 28 | 45 | 7 | |
| 740 | 1,139 | 25 | 34 | 62 | 8 | |
| 550 | 956 | 43 | 16 | 48 | 9 | |
| 441 | 798 | 129 | 12 | 39 | 10 | |
| 468 | 872 | 231 | 21 | 41 | 11 | |
| 493 | 1,028 | 410 | 45 | 45 | 12 | |
| 537 | 1,193 | 430 | 47 | 52 | 1 | 2019 ^p |
| 528 | 1,119 | 352 | 37 | 51 | 2 | |
| 460 | 947 | 265 | 24 | 44 | 3 | |
| 482 | 918 | 176 | 15 | 45 | 4 | |
| 448 | 838 | 84 | 13 | 42 | 5 | |
| 455 | 860 | 53 | 16 | 42 | 6 | |
| 482 | 938 | 43 | 25 | 45 | 7 | |
| 653 | 1,083 | 34 | 30 | 59 | 8 | |
| 572 | 975 | 46 | 17 | 52 | 9 | |
| 466 | 850 | 96 | 10 | 43 | 10 | |
| 475 | 869 | 235 | 22 | 44 | 11 | |
| 501 | 1,037 | 381 | 40 | 48 | 12 | |
| 538 | 1,138 | 395 | 41 | 67 | 1 | 2020 ^p |
| 539 | 1,096 | 348 | 36 | 66 | 2 | |
| 1,065 | 2,312 | 783 | 84 | 103 | 1-2 | 2019 ^p |
| 1,078 | 2,234 | 743 | 78 | 133 | 1-2 | 2020 ^p |

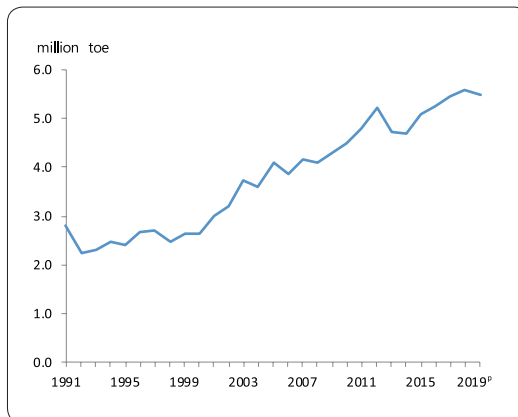
1. Others: The energy source is manufactured from the waste.

Note 1. Coal and monthly data of renewables include commercial.

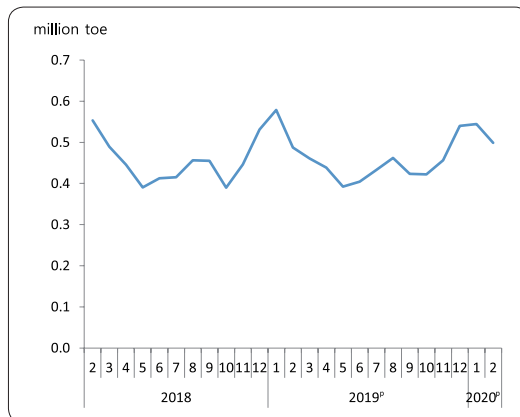
2. All briquette consumption is included in the residential.

□ 공공 Public

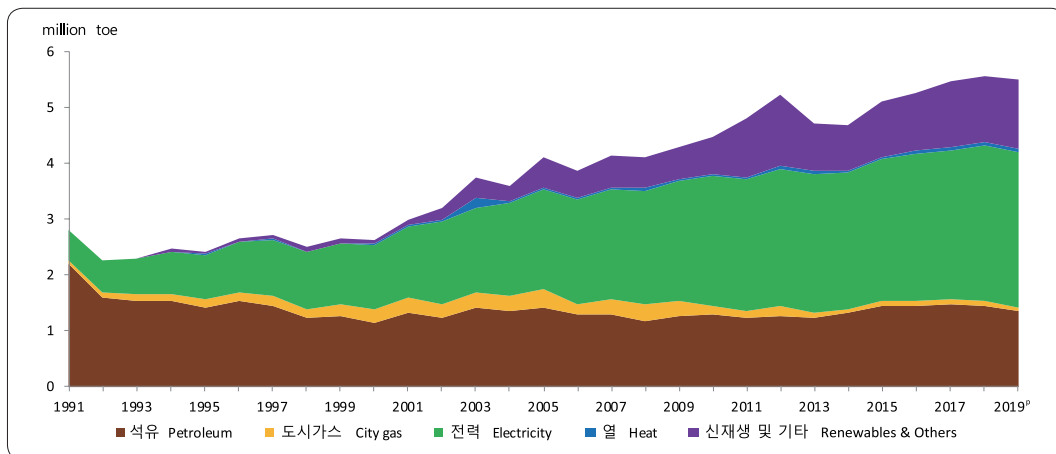
<1991~2019^P>



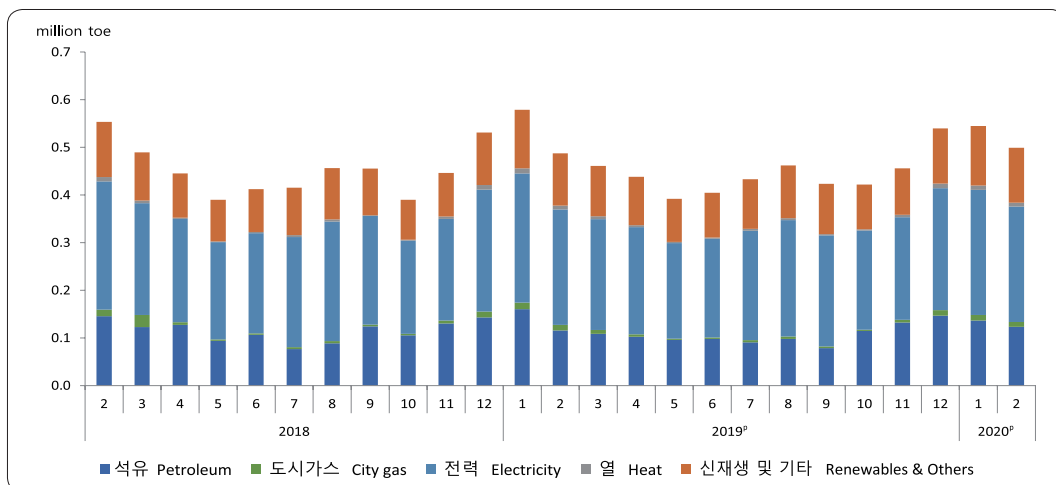
<월별 Monthly>



<1991~2019^P>



<월별 Monthly>



2.2.5 공공

Public

| 구 분 | | 합계 Total | 석유 Petroleum | 도시가스 City gas | 전력 Electricity | 열 Heat | 신재생 및 기타¹ Renewables & Others¹ |
|-------------------|-----|-------------|-----------------|------------------|-------------------|-----------|-----------------------------------|
| | | 1,000 toe | | | | | |
| 1990 | | 2,812 | 2,276 | - | 514 | 1 | - |
| 1995 | | 2,415 | 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 | | 2,489 | 1,215 | 160 | 1,022 | 16 | 77 |
| 1999 | | 2,649 | 1,270 | 199 | 1,086 | 18 | 75 |
| 2000 | | 2,623 | 1,140 | 229 | 1,160 | 20 | 74 |
| 2001 | | 2,991 | 1,328 | 259 | 1,288 | 27 | 90 |
| 2002 | | 3,196 | 1,220 | 262 | 1,470 | 30 | 215 |
| 2003 | | 3,730 | 1,411 | 259 | 1,531 | 166 | 364 |
| 2004 | | 3,600 | 1,347 | 279 | 1,658 | 34 | 283 |
| 2005 | | 4,095 | 1,417 | 313 | 1,785 | 42 | 538 |
| 2006 | | 3,853 | 1,279 | 199 | 1,868 | 42 | 464 |
| 2007 | | 4,148 | 1,274 | 285 | 1,960 | 41 | 588 |
| 2008 | | 4,104 | 1,176 | 292 | 2,039 | 39 | 557 |
| 2009 | | 4,299 | 1,264 | 277 | 2,138 | 46 | 575 |
| 2010 | | 4,481 | 1,299 | 152 | 2,321 | 39 | 669 |
| 2011 | | 4,800 | 1,241 | 112 | 2,355 | 44 | 1,048 |
| 2012 | | 5,214 | 1,258 | 181 | 2,459 | 47 | 1,270 |
| 2013 | | 4,716 | 1,227 | 98 | 2,485 | 46 | 859 |
| 2014 | | 4,683 | 1,306 | 85 | 2,438 | 27 | 827 |
| 2015 | | 5,101 | 1,450 | 85 | 2,540 | 36 | 990 |
| 2016 | | 5,246 | 1,432 | 88 | 2,646 | 50 | 1,030 |
| 2017 | | 5,460 | 1,470 | 77 | 2,693 | 55 | 1,166 |
| 2018 | | 5,567 | 1,429 | 99 | 2,784 | 61 | 1,195 |
| 2019 ^p | | 5,500 | 1,342 | 78 | 2,766 | 61 | 1,253 |
| 2018 | 2 | 553 | 146 | 14 | 269 | 9 | 115 |
| | 3 | 489 | 123 | 25 | 235 | 6 | 101 |
| | 4 | 445 | 127 | 5 | 217 | 3 | 93 |
| | 5 | 390 | 94 | 3 | 204 | 2 | 87 |
| | 6 | 412 | 107 | 3 | 210 | 2 | 90 |
| | 7 | 415 | 76 | 4 | 231 | 4 | 99 |
| | 8 | 456 | 89 | 5 | 251 | 4 | 108 |
| | 9 | 455 | 124 | 4 | 228 | 2 | 98 |
| | 10 | 390 | 105 | 3 | 195 | 2 | 84 |
| | 11 | 446 | 130 | 6 | 213 | 5 | 91 |
| | 12 | 531 | 143 | 12 | 256 | 10 | 110 |
| 2019 ^p | 1 | 579 | 160 | 14 | 271 | 10 | 123 |
| | 2 | 488 | 116 | 12 | 243 | 8 | 110 |
| | 3 | 461 | 108 | 8 | 233 | 6 | 106 |
| | 4 | 438 | 102 | 5 | 225 | 4 | 102 |
| | 5 | 392 | 96 | 3 | 200 | 2 | 91 |
| | 6 | 405 | 98 | 3 | 207 | 3 | 94 |
| | 7 | 433 | 91 | 4 | 230 | 4 | 104 |
| | 8 | 462 | 98 | 5 | 244 | 4 | 111 |
| | 9 | 423 | 78 | 4 | 233 | 3 | 106 |
| | 10 | 422 | 115 | 3 | 208 | 2 | 94 |
| | 11 | 456 | 133 | 6 | 215 | 5 | 97 |
| | 12 | 540 | 147 | 11 | 256 | 10 | 116 |
| 2020 ^p | 1 | 545 | 137 | 12 | 262 | 9 | 125 |
| | 2 | 499 | 123 | 10 | 242 | 8 | 115 |
| 2019 ^p | 1-2 | 1,067 | 276 | 26 | 514 | 18 | 233 |
| 2020 ^p | 1-2 | 1,044 | 260 | 22 | 505 | 17 | 240 |

1. 기타: 폐기물을 이용하여 제조한 것

1. Others: The energy source is manufactured from the waste.

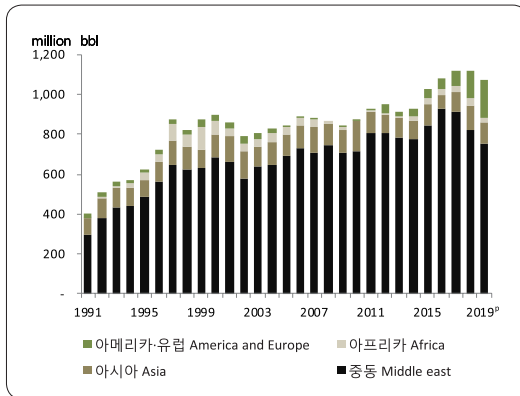
3. 석유

Petroleum

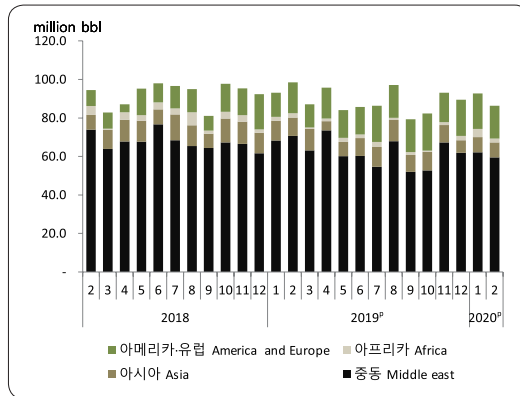


□ 원유 수입 Crude oil imports

<1991~2019^p>

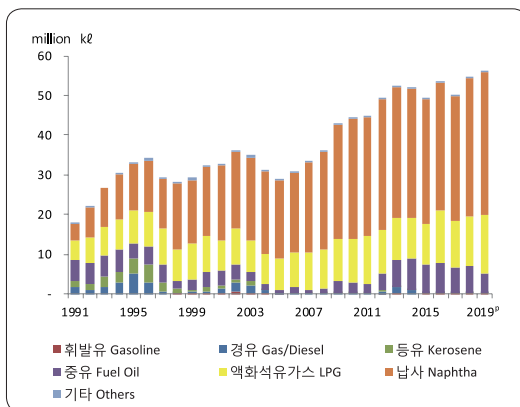


<월별 Monthly>

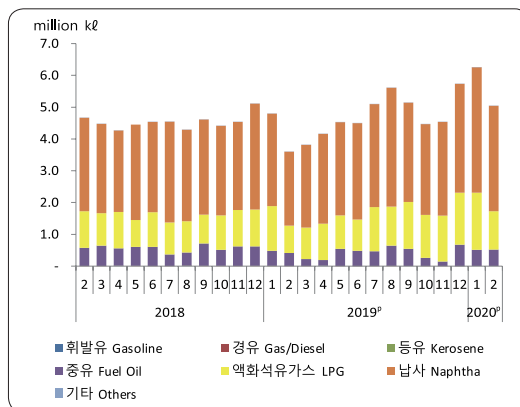


□ 석유제품 수입 Petroleum products imports

<1991~2019^p>

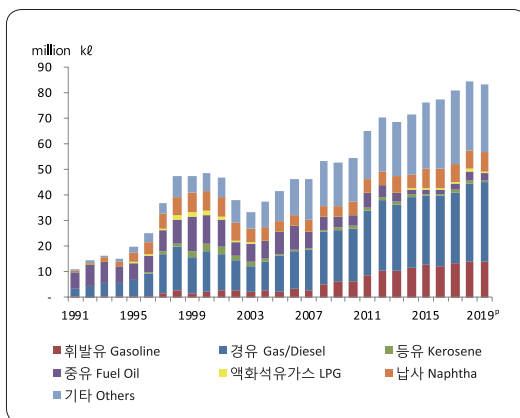


<월별 Monthly>

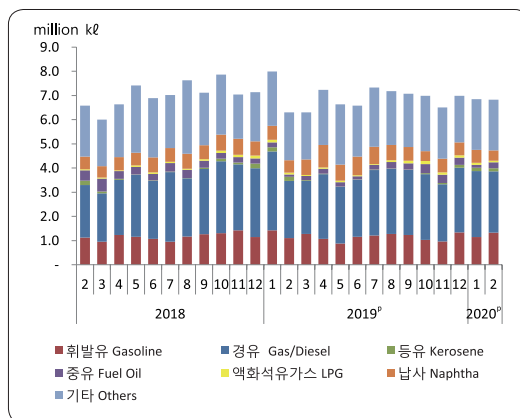


□ 석유제품 수출 Petroleum products exports

<1991~2019^p>

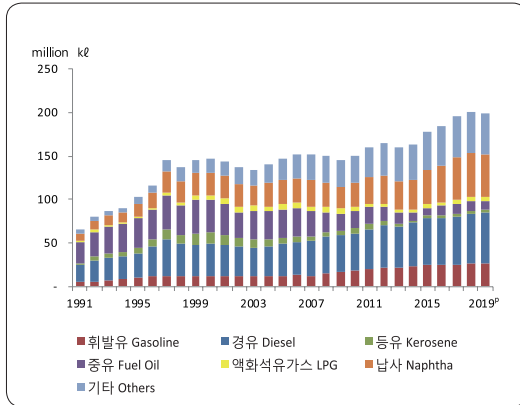


<월별 Monthly>

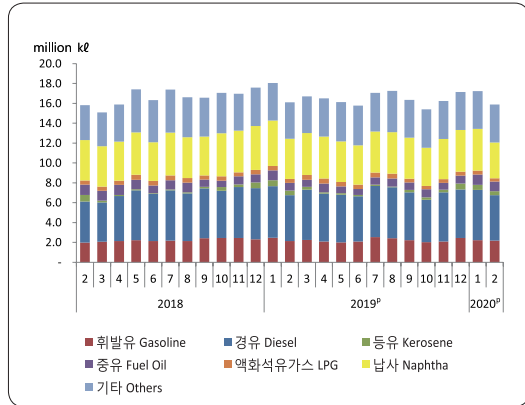


□ 석유제품 생산 Petroleum products production

<1991~2019^P>

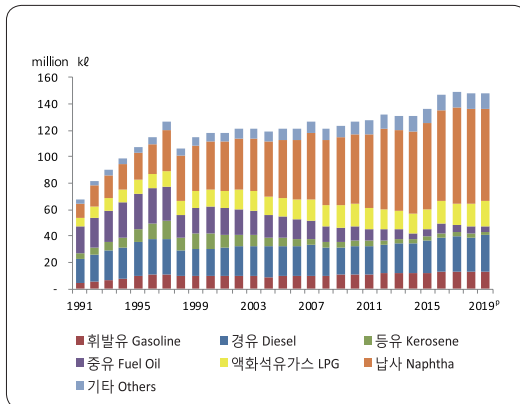


<월별 Monthly>

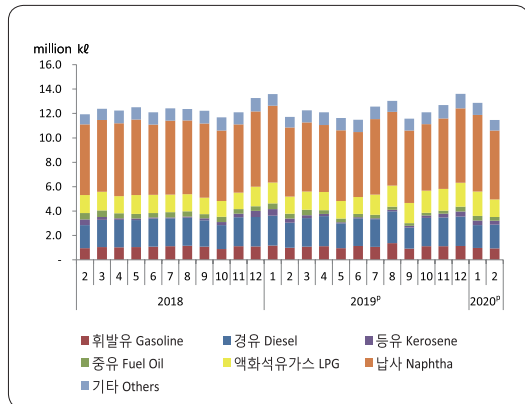


□ 석유제품 1차에너지 공급 Primary energy supply of petroleum products

<1991~2019^P>

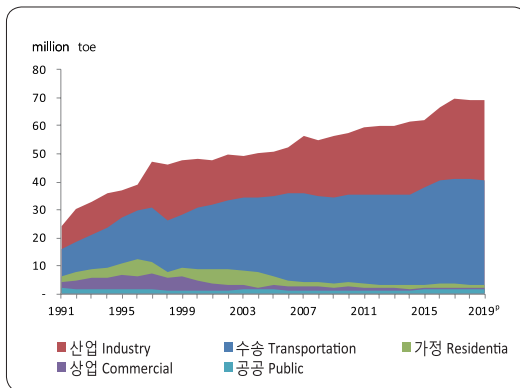


<월별 Monthly>

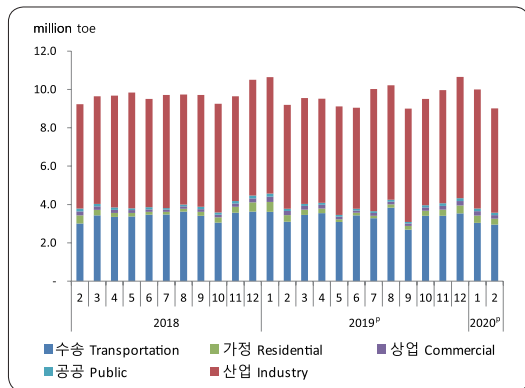


□ 석유제품 최종에너지 부문별 소비 Final energy consumption of petroleum products by sector

<1991~2019^P>



<월별 Monthly>



3.1 원유 수급

Crude oil supply and demand

| 구 분 | | 국내생산 ¹ Domestic production ¹ | 수입 Imports | 재고 Stock | 정제투입 Refinery intake | | | 정제능력 ³ Refining capacity ³ | 정제가동률 ⁴ Operable utilization rate ⁴ |
|-------------------|-----|--|---------------|-------------|----------------------|-------------------------------------|--|--|---|
| | | | | | 원유 Crude oil | 정제원료(반제품) Refinery feedstocks | 기타 ² Others ² | | |
| | | | | | 1,000 bbl | | | | |
| 1990 | | - | 308,368 | 3,370 | 306,493 | 6,766 | - | 840 | 99.97 |
| 1995 | | - | 624,945 | 10,377 | 631,078 | 30,297 | - | 1,818 | 95.10 |
| 1996 | | - | 721,927 | 11,297 | 720,846 | 26,986 | - | 2,438 | 81.01 |
| 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 | 100.05 |
| 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 | 82.80 |
| 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 | 2,735 | 87.99 |
| 2007 | | 236 | 872,541 | 11,637 | 882,117 | 38,721 | 4,865 | 2,765 | 87.41 |
| 2008 | | 155 | 864,872 | 10,723 | 865,663 | 40,409 | 4,959 | 2,785 | 85.16 |
| 2009 | | 321 | 835,085 | 7,244 | 838,475 | 33,399 | 5,731 | 2,835 | 81.03 |
| 2010 | | 380 | 872,415 | 7,611 | 872,247 | 26,633 | 5,986 | 2,845 | 84.00 |
| 2011 | | 285 | 927,044 | 10,980 | 924,441 | 38,696 | 5,920 | 2,934 | 86.32 |
| 2012 | | 263 | 947,292 | 13,231 | 945,162 | 41,488 | 5,926 | 2,949 | 87.81 |
| 2013 | | 290 | 915,075 | 19,245 | 906,674 | 43,878 | 4,866 | 2,949 | 84.23 |
| 2014 | | 198 | 927,524 | 27,518 | 918,345 | 51,067 | 4,714 | 3,009 | 83.62 |
| 2015 | | 115 | 1,026,107 | 37,407 | 1,016,157 | 50,438 | 5,287 | 3,059 | 91.01 |
| 2016 | | 104 | 1,078,119 | 41,847 | 1,071,731 | 52,340 | 5,444 | 3,064 | 95.83 |
| 2017 | | 217 | 1,118,167 | 42,080 | 1,117,376 | 76,404 | 5,506 | 3,105 | 98.59 |
| 2018 | | 189 | 1,116,281 | 50,511 | 1,106,266 | 110,775 | 5,450 | 3,204 | 94.60 |
| 2019 ^p | | 155 | 1,071,923 | 54,101 | 1,066,434 | 132,382 | 4,940 | 3,204 | 91.19 |
| 2018 | 2 | 17 | 94,449 | 47,627 | 88,636 | 7,103 | 441 | 3,204 | 98.80 |
| | 3 | 18 | 82,843 | 45,409 | 84,947 | 8,183 | 493 | 3,204 | 85.52 |
| | 4 | 18 | 87,152 | 45,031 | 87,410 | 8,982 | 469 | 3,204 | 90.94 |
| | 5 | 19 | 95,182 | 43,687 | 96,399 | 7,862 | 543 | 3,204 | 97.06 |
| | 6 | 18 | 97,994 | 51,173 | 90,353 | 8,220 | 527 | 3,204 | 94.00 |
| | 7 | 15 | 96,666 | 50,657 | 96,993 | 8,557 | 484 | 3,204 | 97.65 |
| | 8 | 18 | 94,985 | 54,667 | 90,850 | 11,140 | 503 | 3,204 | 91.47 |
| | 9 | 14 | 81,107 | 46,451 | 89,208 | 10,356 | 410 | 3,204 | 92.81 |
| | 10 | 6 | 97,773 | 48,169 | 95,974 | 9,959 | 349 | 3,204 | 96.63 |
| | 11 | 12 | 95,328 | 51,587 | 91,762 | 9,886 | 427 | 3,204 | 95.47 |
| | 12 | 15 | 92,986 | 50,511 | 93,911 | 13,407 | 377 | 3,204 | 97.70 |
| 2019 ^p | 1 | 18 | 93,122 | 48,992 | 94,513 | 12,810 | 392 | 3,204 | 95.16 |
| | 2 | 13 | 98,461 | 57,760 | 89,535 | 7,904 | 351 | 3,204 | 99.80 |
| | 3 | 16 | 87,112 | 53,163 | 91,556 | 8,762 | 383 | 3,204 | 92.18 |
| | 4 | 16 | 95,723 | 54,927 | 93,859 | 8,078 | 482 | 3,204 | 97.65 |
| | 5 | 16 | 84,128 | 52,195 | 86,708 | 9,384 | 515 | 3,204 | 87.30 |
| | 6 | 15 | 85,736 | 53,777 | 84,023 | 9,716 | 381 | 3,204 | 84.60 |
| | 7 | 14 | 86,338 | 49,684 | 90,351 | 13,382 | 385 | 3,204 | 90.97 |
| | 8 | 14 | 97,069 | 56,495 | 90,122 | 14,978 | 528 | 3,204 | 90.74 |
| | 9 | 8 | 79,335 | 48,904 | 86,790 | 11,833 | 384 | 3,204 | 90.29 |
| | 10 | 4 | 82,332 | 49,357 | 81,394 | 10,930 | 357 | 3,204 | 81.95 |
| | 11 | 8 | 93,102 | 56,422 | 85,906 | 11,309 | 377 | 3,204 | 89.37 |
| | 12 | 12 | 89,466 | 54,101 | 91,675 | 13,298 | 405 | 3,204 | 92.30 |
| 2020 ^p | 1 | 14 | 92,712 | 43,449 | 91,412 | 13,696 | 387 | 3,204 | 92.03 |
| | 2 | 12 | 86,304 | 49,126 | 82,180 | 11,955 | 366 | 3,204 | 88.45 |
| 2019 ^p | 1-2 | 31 | 191,582 | 57,760 | 184,049 | 20,714 | 743 | 3,204 | 97.36 |
| 2020 ^p | 1-2 | 26 | 179,016 | 49,126 | 173,592 | 25,651 | 753 | 3,204 | 90.30 |

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, 대한석유협회

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, Korea Petroleum Association

3.2 석유제품 수급

Petroleum products supply and demand

| 구 분 | | 생산 Production | 수입 Imports | 수출 Exports | 국제병커링 ¹ International bunkers ¹ | 재고 Stocks | 국내공급 ² Domestic supply ² |
|-------------------|-----|------------------|---------------|---------------|--|--------------|---|
| | | 1,000 kℓ | | | | | |
| 1990 | | 48,410 | 16,097 | 4,322 | 2,403 | 3,112 | 56,654 |
| 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 | | 159,299 | 52,338 | 68,250 | 8,187 | 7,838 | 131,194 |
| 2014 | | 163,768 | 51,928 | 71,356 | 8,521 | 7,857 | 130,599 |
| 2015 | | 177,583 | 48,947 | 75,903 | 9,100 | 8,184 | 136,130 |
| 2016 | | 184,042 | 53,197 | 77,539 | 9,936 | 7,981 | 146,933 |
| 2017 | | 195,495 | 49,998 | 80,941 | 9,402 | 8,255 | 149,458 |
| 2018 | | 200,141 | 54,313 | 84,510 | 9,221 | 9,987 | 148,619 |
| 2019 ^p | | 198,738 | 55,986 | 83,123 | 8,676 | 8,746 | 148,318 |
| 2018 | 2 | 15,822 | 4,670 | 6,586 | 721 | 8,929 | 11,942 |
| | 3 | 15,082 | 4,481 | 6,006 | 775 | 8,649 | 12,389 |
| | 4 | 15,895 | 4,272 | 6,636 | 788 | 8,347 | 12,240 |
| | 5 | 17,407 | 4,448 | 7,413 | 817 | 8,642 | 12,518 |
| | 6 | 16,337 | 4,543 | 6,887 | 739 | 8,918 | 12,091 |
| | 7 | 17,395 | 4,541 | 7,016 | 759 | 9,822 | 12,420 |
| | 8 | 16,609 | 4,290 | 7,627 | 840 | 8,910 | 12,372 |
| | 9 | 16,566 | 4,621 | 7,120 | 724 | 9,239 | 12,223 |
| | 10 | 17,066 | 4,414 | 7,864 | 750 | 9,307 | 11,689 |
| | 11 | 16,973 | 4,535 | 7,041 | 748 | 9,967 | 12,099 |
| | 12 | 17,588 | 5,109 | 7,139 | 788 | 9,987 | 13,260 |
| 2019 ^p | 1 | 18,051 | 4,795 | 7,999 | 809 | 8,975 | 13,587 |
| | 2 | 16,101 | 3,597 | 6,305 | 639 | 9,038 | 11,713 |
| | 3 | 16,712 | 3,817 | 6,308 | 707 | 9,326 | 12,251 |
| | 4 | 16,503 | 4,158 | 7,229 | 778 | 9,199 | 12,094 |
| | 5 | 16,139 | 4,525 | 6,632 | 742 | 9,666 | 11,631 |
| | 6 | 15,786 | 4,500 | 6,584 | 748 | 9,979 | 11,482 |
| | 7 | 17,069 | 5,098 | 7,333 | 699 | 9,915 | 12,559 |
| | 8 | 17,255 | 5,608 | 7,182 | 742 | 10,033 | 13,032 |
| | 9 | 16,344 | 5,149 | 7,070 | 605 | 10,870 | 11,569 |
| | 10 | 15,394 | 4,467 | 6,987 | 732 | 9,339 | 12,099 |
| | 11 | 16,237 | 4,539 | 6,506 | 670 | 8,915 | 12,690 |
| | 12 | 17,147 | 5,731 | 6,987 | 806 | 8,746 | 13,612 |
| 2020 ^p | 1 | 17,225 | 6,255 | 6,846 | 782 | 9,896 | 12,875 |
| | 2 | 15,879 | 5,043 | 6,829 | 810 | 10,133 | 11,468 |
| 2019 ^p | 1-2 | 34,152 | 8,393 | 14,304 | 1,449 | 9,038 | 25,300 |
| 2020 ^p | 1-2 | 33,105 | 11,298 | 13,675 | 1,592 | 10,133 | 24,343 |

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

| 구 분 | | 합계 | 중동 Middle East | | | 아시아 Asia | | |
|-------------------|-----|-----------|------------------------|-----------|---------|------------------------|-----------|---------|
| | | | 소계 ¹ | 장기계약 | 현물 | 소계 ¹ | 장기계약 | 현물 |
| | | Total | Sub-total ¹ | Long-term | Spot | Sub-total ¹ | Long-term | Spot |
| 1,000 bbl | | | | | | | | |
| 1990 | | 308,368 | 229,017 | 123,571 | 93,820 | 62,530 | 32,127 | 25,834 |
| 1995 | | 624,945 | 486,528 | 351,042 | 133,065 | 82,050 | 40,042 | 41,308 |
| 1996 | | 721,927 | 561,098 | 425,921 | 135,176 | 98,631 | 42,198 | 56,434 |
| 1997 | | 873,415 | 645,678 | 537,313 | 107,123 | 122,379 | 58,519 | 63,860 |
| 1998 | | 819,094 | 622,005 | 525,441 | 96,564 | 113,494 | 60,838 | 52,656 |
| 1999 | | 874,090 | 632,067 | 468,318 | 163,750 | 93,517 | 45,189 | 48,328 |
| 2000 | | 893,943 | 686,916 | 501,767 | 185,149 | 112,669 | 54,307 | 58,361 |
| 2001 | | 859,367 | 661,649 | 491,422 | 169,887 | 130,033 | 35,959 | 94,074 |
| 2002 | | 790,992 | 579,865 | 419,976 | 159,889 | 136,756 | 42,142 | 94,615 |
| 2003 | | 804,809 | 639,453 | 497,625 | 139,484 | 100,721 | 35,603 | 65,118 |
| 2004 | | 825,790 | 645,183 | 502,039 | 142,479 | 116,287 | 38,718 | 77,569 |
| 2005 | | 843,203 | 689,356 | 533,800 | 154,368 | 111,937 | 29,458 | 82,479 |
| 2006 | | 888,794 | 730,843 | 560,285 | 170,558 | 110,306 | 24,113 | 86,193 |
| 2007 | | 872,541 | 704,020 | 521,070 | 182,950 | 131,273 | 21,071 | 110,202 |
| 2008 | | 864,872 | 746,458 | 569,121 | 177,337 | 108,482 | 17,689 | 90,794 |
| 2009 | | 835,085 | 705,363 | 560,061 | 145,302 | 116,379 | 19,214 | 97,166 |
| 2010 | | 872,415 | 713,647 | 589,285 | 124,361 | 152,354 | 23,177 | 129,176 |
| 2011 | | 927,044 | 807,908 | 685,205 | 122,704 | 108,402 | 22,820 | 85,583 |
| 2012 | | 947,292 | 805,971 | 645,317 | 160,654 | 88,190 | 18,969 | 69,220 |
| 2013 | | 915,075 | 786,813 | 604,972 | 181,841 | 97,047 | 22,364 | 74,683 |
| 2014 | | 927,524 | 778,923 | 628,106 | 150,817 | 88,623 | 23,658 | 64,964 |
| 2015 | | 1,026,107 | 844,637 | 597,539 | 241,282 | 106,263 | 21,406 | 84,857 |
| 2016 | | 1,078,119 | 926,201 | 612,451 | 301,437 | 72,756 | 19,644 | 53,112 |
| 2017 | | 1,118,167 | 913,446 | 618,093 | 278,913 | 97,233 | 28,400 | 68,833 |
| 2018 | | 1,116,281 | 820,994 | 529,317 | 276,972 | 122,832 | 36,446 | 86,385 |
| 2019 ^p | | 1,071,923 | 752,564 | 599,231 | 141,993 | 107,943 | 12,728 | 94,985 |
| | | | | | | | | |
| 2018 | 2 | 94,449 | 73,941 | 50,406 | 21,601 | 7,617 | 1,047 | 6,569 |
| | 3 | 82,843 | 63,873 | 37,255 | 25,563 | 9,973 | 2,103 | 7,870 |
| | 4 | 87,152 | 67,833 | 50,375 | 15,186 | 11,198 | 3,823 | 7,375 |
| | 5 | 95,182 | 67,700 | 41,009 | 25,792 | 10,902 | 3,584 | 7,318 |
| | 6 | 97,994 | 76,669 | 55,473 | 20,091 | 7,852 | 3,534 | 4,318 |
| | 7 | 96,666 | 68,467 | 43,224 | 24,647 | 13,392 | 3,816 | 9,576 |
| | 8 | 94,985 | 65,372 | 40,604 | 24,185 | 10,831 | 3,164 | 7,667 |
| | 9 | 81,107 | 64,452 | 35,357 | 27,497 | 7,349 | 2,789 | 4,560 |
| | 10 | 97,773 | 67,308 | 42,766 | 22,987 | 12,408 | 4,394 | 8,013 |
| | 11 | 95,328 | 66,494 | 40,125 | 25,697 | 11,581 | 3,436 | 8,144 |
| | 12 | 92,986 | 61,649 | 41,815 | 17,929 | 10,648 | 2,454 | 8,194 |
| | | | | | | | | |
| 2019 ^p | 1 | 93,122 | 68,282 | 54,368 | 12,765 | 10,344 | 950 | 9,394 |
| | 2 | 98,461 | 70,662 | 55,038 | 13,395 | 9,529 | 1,294 | 8,235 |
| | 3 | 87,112 | 63,173 | 48,975 | 13,307 | 11,191 | 1,295 | 9,896 |
| | 4 | 95,723 | 73,545 | 58,883 | 13,382 | 4,810 | 1,391 | 3,419 |
| | 5 | 84,128 | 60,103 | 47,805 | 10,898 | 7,419 | 2,089 | 5,329 |
| | 6 | 85,736 | 60,223 | 47,013 | 12,491 | 9,377 | 1,691 | 7,686 |
| | 7 | 86,338 | 54,580 | 46,521 | 7,523 | 10,390 | 950 | 9,440 |
| | 8 | 97,069 | 67,928 | 59,581 | 8,158 | 11,038 | 300 | 10,508 |
| | 9 | 79,335 | 52,009 | 43,385 | 8,524 | 8,743 | 450 | 8,293 |
| | 10 | 82,332 | 52,787 | 37,567 | 14,245 | 9,642 | 602 | 9,039 |
| | 11 | 93,102 | 67,326 | 49,209 | 17,013 | 8,978 | 730 | 8,248 |
| | 12 | 89,466 | 61,946 | 50,884 | 10,291 | 6,484 | 985 | 5,499 |
| | | | | | | | | |
| 2020 ^p | 1 | 92,712 | 62,123 | 48,608 | 11,553 | 7,866 | 470 | 7,396 |
| | 2 | 86,304 | 59,461 | 50,539 | 8,228 | 7,780 | - | 7,780 |
| | | | | | | | | |
| 2019 ^p | 1-2 | 191,582 | 138,943 | 109,406 | 26,161 | 19,873 | 2,244 | 17,629 |
| 2020 ^p | 1-2 | 179,016 | 121,584 | 99,147 | 19,782 | 15,646 | 470 | 15,177 |

1. 임가공과 개발도입 물량 포함.

자료: 한국석유공사-PEDSIS

Crude oil imports by contract type

| 아프리카 Africa | | | 아메리카·유럽 America and Europe | | | 계약형태 비중 Share of contract type | | 구 분 |
|---|-------------------|------------|---|-------------------|------------|-----------------------------------|------------|-----------------------|
| 소계 ¹ Sub-total ¹ | 장기계약 Long-term | 현물 Spot | 소계 ¹ Sub-total ¹ | 장기계약 Long-term | 현물 Spot | 장기계약 Long-term | 현물 Spot | |
| 1,000 bbl | | | | | | % | | |
| 9,689 | 687 | 8,202 | 7,132 | 3,657 | 3,475 | 51.90 | 32.44 | 1990 |
| 37,911 | 3,781 | 34,130 | 18,456 | 18,456 | - | 66.14 | 33.36 | 1995 |
| 37,024 | 6,025 | 30,999 | 25,174 | 18,365 | 6,809 | 68.22 | 31.78 | 1996 |
| 81,119 | 1,453 | 79,666 | 24,240 | 23,059 | 1,181 | 71.03 | 28.83 | 1997 |
| 61,907 | 11,200 | 50,707 | 21,689 | 16,794 | 4,895 | 74.99 | 25.01 | 1998 |
| 109,560 | 34,956 | 74,603 | 38,946 | 22,612 | 16,334 | 65.33 | 34.67 | 1999 |
| 67,749 | 13,356 | 54,393 | 26,610 | 13,501 | 13,109 | 65.21 | 34.79 | 2000 |
| 39,155 | 937 | 38,219 | 28,530 | 10,067 | 18,462 | 62.65 | 37.31 | 2001 |
| 35,877 | 2,981 | 32,896 | 38,494 | 13,548 | 24,946 | 60.51 | 39.49 | 2002 |
| 34,156 | 9,496 | 24,660 | 30,479 | 8,168 | 22,311 | 68.45 | 31.26 | 2003 |
| 42,874 | 19,012 | 23,862 | 21,447 | 11,768 | 9,679 | 69.21 | 30.71 | 2004 |
| 34,424 | - | 34,424 | 7,487 | 643 | 6,844 | 66.88 | 32.98 | 2005 |
| 42,814 | 1,310 | 41,504 | 4,831 | - | 4,831 | 65.90 | 34.10 | 2006 |
| 35,557 | 1,212 | 34,345 | 1,690 | - | 1,690 | 62.27 | 37.73 | 2007 |
| 9,932 | 51 | 9,881 | - | - | - | 67.86 | 32.14 | 2008 |
| 11,608 | 416 | 11,192 | 1,734 | - | 1,734 | 69.42 | 30.58 | 2009 |
| 4,592 | - | 4,592 | 1,823 | - | 1,823 | 70.20 | 29.80 | 2010 |
| 2,772 | - | 2,772 | 7,962 | - | 7,962 | 76.37 | 23.63 | 2011 |
| 9,233 | - | 9,233 | 43,899 | - | 43,899 | 70.12 | 29.88 | 2012 |
| 8,096 | 674 | 7,422 | 23,119 | 2,075 | 21,044 | 68.86 | 31.14 | 2013 |
| 25,301 | 1,549 | 23,752 | 34,678 | 18,761 | 15,916 | 72.46 | 27.54 | 2014 |
| 26,691 | 3,031 | 23,659 | 48,516 | 12,987 | 35,529 | 61.88 | 37.55 | 2015 |
| 30,496 | 4,277 | 26,218 | 48,667 | 27,222 | 21,444 | 61.55 | 37.31 | 2016 |
| 28,189 | 10,580 | 17,608 | 79,300 | 39,601 | 39,698 | 62.31 | 36.22 | 2017 |
| 40,901 | 17,395 | 23,506 | 130,951 | 52,912 | 78,039 | 56.98 | 41.65 | 2018 |
| 19,928 | 6,979 | 12,949 | 191,489 | 45,590 | 145,898 | 61.99 | 36.93 | 2019 ^p |
| 4,667 | 2,080 | 2,586 | 8,224 | 4,239 | 3,985 | 61.17 | 36.78 | 2 2018 |
| 650 | - | 650 | 8,348 | 1,965 | 6,383 | 49.88 | 48.85 | 3 |
| 3,943 | 1,969 | 1,974 | 4,178 | - | 4,178 | 64.45 | 32.95 | 4 |
| 2,789 | 350 | 2,439 | 13,791 | 6,147 | 7,643 | 53.68 | 45.38 | 5 |
| 3,609 | 599 | 3,011 | 9,864 | 3,947 | 5,916 | 64.85 | 34.02 | 6 |
| 3,047 | 601 | 2,447 | 11,760 | 5,001 | 6,759 | 54.46 | 44.93 | 7 |
| 6,701 | 4,697 | 2,004 | 12,081 | 5,450 | 6,631 | 56.76 | 42.62 | 8 |
| 1,629 | 590 | 1,038 | 7,678 | 1,999 | 5,678 | 50.22 | 47.81 | 9 |
| 3,525 | 600 | 2,924 | 14,533 | 5,536 | 8,997 | 54.51 | 43.90 | 10 |
| 3,437 | 909 | 2,528 | 13,817 | 7,606 | 6,211 | 54.63 | 44.67 | 11 |
| 1,824 | 963 | 862 | 18,261 | 8,205 | 10,056 | 57.47 | 39.83 | 12 |
| 2,010 | 571 | 1,439 | 12,486 | 3,941 | 8,545 | 64.25 | 34.52 | 1 2019 ^p |
| 2,287 | 601 | 1,686 | 15,983 | 3,546 | 12,437 | 61.42 | 36.31 | 2 |
| 724 | - | 724 | 12,024 | 1,968 | 10,056 | 59.97 | 39.01 | 3 |
| 1,332 | 602 | 730 | 16,037 | 3,903 | 12,133 | 67.67 | 30.99 | 4 |
| 2,154 | 1,199 | 956 | 14,452 | 2,633 | 11,820 | 63.86 | 34.47 | 5 |
| 1,839 | - | 1,839 | 14,297 | 3,925 | 10,371 | 61.39 | 37.78 | 6 |
| 2,621 | 580 | 2,041 | 18,747 | 4,615 | 14,131 | 61.00 | 38.38 | 7 |
| 1,091 | 575 | 516 | 17,013 | 3,929 | 13,084 | 66.33 | 33.24 | 8 |
| 1,488 | 1,049 | 439 | 17,095 | 3,943 | 13,152 | 61.55 | 38.33 | 9 |
| 600 | 600 | - | 19,303 | 4,896 | 14,407 | 53.04 | 45.78 | 10 |
| 1,551 | 601 | 950 | 15,246 | 2,922 | 12,324 | 57.42 | 41.39 | 11 |
| 2,231 | 600 | 1,631 | 18,806 | 5,368 | 13,437 | 64.65 | 34.49 | 12 |
| 4,260 | 601 | 3,658 | 18,463 | 5,048 | 13,415 | 59.03 | 38.86 | 1 2020 ^p |
| 2,088 | 599 | 1,489 | 16,975 | 3,950 | 13,025 | 63.83 | 35.37 | 2 |
| 4,297 | 1,172 | 3,125 | 28,469 | 7,487 | 20,982 | 62.80 | 35.44 | 1-2 2019 ^p |
| 6,348 | 1,200 | 5,148 | 35,438 | 8,997 | 26,440 | 61.34 | 37.17 | 1-2 2020 ^p |

1. Includes imports by tall processing and development & import.

Source: Korea National Oil Corporation-PEDSIS

3.4 국별 원유 수입

| 구 분 | | 합계 | 중동 Middle East | | | | | | |
|-------------------|-----|-----------|------------------------|--------------|---------|---------|---------|--------|---------|
| | | | 소계 ¹ | 사우디아라비아 | 아랍에미레이트 | 이란 | 쿠웨이트 | 오만 | 카타르 |
| | | Total | Sub-total ¹ | 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 |
| 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 | | 915,075 | 786,813 | 286,588 | 110,809 | 48,214 | 139,853 | 3,543 | 86,090 |
| 2014 | | 927,524 | 778,923 | 292,592 | 108,472 | 44,923 | 136,546 | 6,516 | 100,127 |
| 2015 | | 1,026,107 | 844,637 | 305,779 | 99,835 | 42,400 | 141,856 | 2,897 | 123,228 |
| 2016 | | 1,078,119 | 926,201 | 324,448 | 87,743 | 111,942 | 159,273 | 16,317 | 88,150 |
| 2017 | | 1,118,167 | 913,446 | 319,221 | 90,971 | 147,873 | 160,368 | 3,876 | 64,934 |
| 2018 | | 1,116,281 | 820,994 | 323,174 | 72,030 | 58,202 | 162,005 | 1,471 | 65,980 |
| 2019 ^p | | 1,071,923 | 752,564 | 296,871 | 88,811 | 33,230 | 150,587 | 360 | 64,293 |
| | | | | | | | | | |
| 2018 | 2 | 94,449 | 73,941 | 30,469 | 5,496 | 9,088 | 15,807 | - | 6,166 |
| | 3 | 82,843 | 63,873 | 21,817 | 7,277 | 11,597 | 8,626 | - | 5,618 |
| | 4 | 87,152 | 67,833 | 24,567 | 5,500 | 10,011 | 14,754 | 800 | 3,387 |
| | 5 | 95,182 | 67,700 | 23,935 | 6,155 | 6,007 | 12,854 | 170 | 5,096 |
| | 6 | 97,994 | 76,669 | 32,330 | 6,670 | 5,492 | 12,084 | - | 6,183 |
| | 7 | 96,666 | 68,467 | 24,375 | 6,340 | 6,195 | 13,453 | - | 5,911 |
| | 8 | 94,985 | 65,372 | 28,740 | 5,166 | 2,000 | 13,303 | - | 3,423 |
| | 9 | 81,107 | 64,452 | 25,263 | 6,860 | - | 15,252 | - | 7,810 |
| | 10 | 97,773 | 67,308 | 30,764 | 5,035 | - | 13,533 | - | 5,136 |
| | 11 | 95,328 | 66,494 | 28,990 | 6,779 | - | 12,423 | - | 5,398 |
| | 12 | 92,986 | 61,649 | 24,482 | 6,189 | - | 14,953 | - | 4,963 |
| | | | | | | | | | |
| 2019 ^p | 1 | 93,122 | 68,282 | 25,922 | 6,379 | 1,958 | 14,697 | - | 5,916 |
| | 2 | 98,461 | 70,662 | 29,374 | 6,967 | 8,440 | 12,653 | - | 1,765 |
| | 3 | 87,112 | 63,173 | 19,705 | 4,912 | 10,366 | 12,002 | - | 3,889 |
| | 4 | 95,723 | 73,545 | 26,493 | 8,341 | 12,466 | 11,491 | - | 2,599 |
| | 5 | 84,128 | 60,103 | 25,154 | 5,593 | - | 14,249 | - | 5,545 |
| | 6 | 85,736 | 60,223 | 27,101 | 5,173 | - | 10,681 | - | 7,532 |
| | 7 | 86,338 | 54,580 | 24,704 | 8,526 | - | 11,037 | - | 4,529 |
| | 8 | 97,069 | 67,928 | 30,863 | 6,908 | - | 15,148 | - | 7,250 |
| | 9 | 79,335 | 52,009 | 20,875 | 3,718 | - | 15,021 | - | 6,432 |
| | 10 | 82,332 | 52,787 | 22,564 | 12,019 | - | 7,550 | 360 | 4,476 |
| | 11 | 93,102 | 67,326 | 23,909 | 8,320 | - | 13,890 | - | 7,666 |
| | 12 | 89,466 | 61,946 | 20,207 | 11,955 | - | 12,168 | - | 6,693 |
| | | | | | | | | | |
| 2020 ^p | 1 | 92,712 | 62,123 | 26,536 | 8,223 | - | 10,171 | 997 | 6,540 |
| | 2 | 86,304 | 59,461 | 23,460 | 10,250 | - | 14,067 | - | 3,929 |
| | | | | | | | | | |
| 2019 ^p | 1-2 | 191,582 | 138,943 | 55,296 | 13,347 | 10,398 | 27,350 | - | 7,682 |
| 2020 ^p | 1-2 | 179,016 | 121,584 | 49,996 | 18,474 | - | 24,239 | 997 | 10,469 |

1. 기타 국가 물량 포함.
 2. 아프리카 국가는 알제리, 앙골라, 리비아, 나이지리아 등임.
 3. 아메리카 국가는 미국, 캐나다, 멕시코 등임.
 4. 유럽 국가는 노르웨이, 영국 등임.
- 자료: 한국석유공사-PEDSIS

Crude oil imports by country

| 아시아 Asia | | | | | 아프리카 ² | 아메리카 ³ | 유럽 ⁴ | 구 분 |
|------------------------|-----------|----------|-----------|--------|---------------------|----------------------|---------------------|-----------------------|
| 소계 ¹ | 인도네시아 | 말레이시아 | 호주 | 브루나이 | | | | |
| Sub-total ¹ | Indonesia | Malaysia | Australia | Brunei | Africa ² | America ³ | Europe ⁴ | |
| 1,000 bbl | | | | | | | | |
| 62,530 | 19,096 | 23,135 | 689 | 11,514 | 9,689 | 7,132 | - | 1990 |
| 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 |
| 88,623 | 9,080 | 4,353 | 20,861 | 5,702 | 25,301 | 10,053 | 24,625 | 2014 |
| 106,263 | 8,475 | 2,833 | 17,694 | 4,808 | 26,691 | 23,255 | 25,261 | 2015 |
| 72,756 | 6,412 | 1,554 | 12,049 | 3,001 | 30,496 | 30,080 | 18,587 | 2016 |
| 97,233 | 8,624 | 3,606 | 11,679 | 2,606 | 28,189 | 44,453 | 34,847 | 2017 |
| 122,832 | 7,008 | 2,803 | 11,092 | 3,213 | 40,901 | 95,094 | 36,461 | 2018 |
| 107,943 | 2,742 | 1,556 | 7,886 | 1,873 | 19,928 | 187,735 | 3,753 | 2019 ^p |
| 7,617 | 878 | - | 650 | 290 | 4,667 | 4,239 | 3,985 | 2 2018 |
| 9,973 | 289 | - | 618 | 880 | 650 | 5,589 | 2,759 | 3 |
| 11,198 | 514 | 334 | 1,363 | - | 3,943 | 4,178 | - | 4 |
| 10,902 | 297 | - | 650 | - | 2,789 | 7,606 | 6,184 | 5 |
| 7,852 | 523 | 628 | - | 290 | 3,609 | 7,003 | 2,861 | 6 |
| 13,392 | 949 | 209 | 682 | 290 | 3,047 | 9,346 | 2,414 | 7 |
| 10,831 | 350 | 315 | 2,632 | - | 6,701 | 7,307 | 4,774 | 8 |
| 7,349 | 1,164 | - | 1,291 | 290 | 1,629 | 7,028 | 650 | 9 |
| 12,408 | 799 | 325 | 2,308 | 581 | 3,525 | 10,675 | 3,859 | 10 |
| 11,581 | 558 | - | 898 | 291 | 3,437 | 10,675 | 3,142 | 11 |
| 10,648 | 300 | 210 | - | - | 1,824 | 15,119 | 3,746 | 12 |
| 10,344 | 499 | - | 726 | - | 2,010 | 12,486 | - | 1 2019 ^p |
| 9,529 | 314 | - | - | 290 | 2,287 | 15,983 | - | 2 |
| 11,191 | 281 | - | 618 | 315 | 724 | 12,024 | - | 3 |
| 4,810 | 310 | - | - | 350 | 1,332 | 16,037 | - | 4 |
| 7,419 | 300 | - | 682 | 316 | 2,154 | 13,451 | 1,001 | 5 |
| 9,377 | 310 | - | 1,302 | - | 1,839 | 14,297 | - | 6 |
| 10,390 | 250 | - | 652 | - | 2,621 | 18,747 | - | 7 |
| 11,038 | - | 336 | 1,950 | - | 1,091 | 14,988 | 2,024 | 8 |
| 8,743 | - | 314 | - | - | 1,488 | 17,095 | - | 9 |
| 9,642 | 478 | - | 650 | 602 | 600 | 19,303 | - | 10 |
| 8,978 | - | 907 | 656 | - | 1,551 | 15,246 | - | 11 |
| 6,484 | - | - | 650 | - | 2,231 | 18,078 | 728 | 12 |
| 7,866 | - | 447 | - | 300 | 4,260 | 18,463 | - | 1 2020 ^p |
| 7,780 | - | - | - | - | 2,088 | 16,228 | 747 | 2 |
| 19,873 | 813 | - | 726 | 290 | 4,297 | 28,469 | - | 1-2 2019 ^p |
| 15,646 | - | 447 | - | 300 | 6,348 | 34,691 | 747 | 1-2 2020 ^p |

1. Includes the imports from other countries in the region.

2. Algeria, Angola, Libya, Nigeria, etc.

3. US, Canada, Mexico, etc.

4. Norway, UK, etc.

Source: Korea National Oil Corporation-PEDSIS

3.5 석유제품 수입

Petroleum products imports

| 구 분 | | 합계 Total | 휘발유 Gasoline | 경유 Gas/Diesel oil | 등유 Kerosene | 중유 ¹ Fuel oil ¹ | 액화석유가스 LPG | 납사 Naphtha | 기타 ² Others ² |
|-------------------|-----|-------------|-----------------|----------------------|----------------|--|---------------|---------------|--|
| 1,000 kℓ | | | | | | | | | |
| 1990 | | 16,097 | - | 2,160 | 2,777 | 4,397 | 4,312 | 2,450 | 1 |
| 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 | | 52,338 | 273 | 1,367 | 16 | 7,040 | 10,488 | 33,116 | 39 |
| 2014 | | 51,928 | - | 819 | 21 | 8,268 | 10,101 | 32,707 | 11 |
| 2015 | | 48,947 | 61 | 42 | 2 | 7,430 | 9,970 | 31,418 | 23 |
| 2016 | | 53,197 | 221 | 32 | 3 | 7,508 | 13,239 | 32,150 | 44 |
| 2017 | | 49,998 | 179 | 37 | 6 | 6,374 | 11,650 | 31,738 | 14 |
| 2018 | | 54,313 | 28 | 38 | 0 | 6,823 | 12,611 | 34,788 | 26 |
| 2019 ^p | | 55,986 | 21 | 22 | 6 | 5,022 | 14,959 | 35,944 | 12 |
| | | | | | | | | | |
| 2018 | 2 | 4,670 | - | 3 | - | 569 | 1,156 | 2,942 | 0 |
| | 3 | 4,481 | - | 3 | - | 639 | 1,025 | 2,808 | 8 |
| | 4 | 4,272 | 12 | 3 | - | 544 | 1,143 | 2,567 | 3 |
| | 5 | 4,448 | - | 4 | - | 599 | 849 | 2,997 | - |
| | 6 | 4,543 | - | 1 | - | 604 | 1,094 | 2,838 | 7 |
| | 7 | 4,541 | - | 2 | - | 369 | 1,005 | 3,165 | 0 |
| | 8 | 4,290 | 16 | 3 | 0 | 408 | 988 | 2,873 | 2 |
| | 9 | 4,621 | - | 4 | - | 711 | 903 | 2,998 | 5 |
| | 10 | 4,414 | - | 5 | - | 511 | 1,077 | 2,820 | 0 |
| | 11 | 4,535 | - | 2 | - | 623 | 1,137 | 2,773 | 0 |
| | 12 | 5,109 | - | 5 | - | 614 | 1,162 | 3,328 | 1 |
| | | | | | | | | | |
| 2019 ^p | 1 | 4,795 | - | 2 | 3 | 477 | 1,403 | 2,911 | 0 |
| | 2 | 3,597 | - | 0 | - | 416 | 855 | 2,326 | 0 |
| | 3 | 3,817 | - | 2 | - | 216 | 992 | 2,601 | 6 |
| | 4 | 4,158 | 21 | 3 | - | 171 | 1,144 | 2,820 | 0 |
| | 5 | 4,525 | - | 2 | - | 543 | 1,050 | 2,930 | 1 |
| | 6 | 4,500 | 0 | 1 | - | 483 | 985 | 3,030 | 1 |
| | 7 | 5,098 | - | 3 | - | 465 | 1,387 | 3,243 | 0 |
| | 8 | 5,608 | - | 5 | 2 | 634 | 1,231 | 3,735 | 1 |
| | 9 | 5,149 | - | - | - | 543 | 1,473 | 3,130 | 3 |
| | 10 | 4,467 | - | 2 | - | 260 | 1,353 | 2,852 | 0 |
| | 11 | 4,539 | - | 2 | - | 142 | 1,446 | 2,949 | 1 |
| | 12 | 5,731 | 0 | 1 | - | 672 | 1,641 | 3,417 | 0 |
| | | | | | | | | | |
| 2020 ^p | 1 | 6,255 | - | - | - | 517 | 1,791 | 3,947 | 0 |
| | 2 | 5,043 | - | - | - | 521 | 1,204 | 3,317 | 1 |
| | | | | | | | | | |
| 2019 ^p | 1-2 | 8,393 | - | 2 | 3 | 893 | 2,257 | 5,237 | 0 |
| 2020 ^p | 1-2 | 11,298 | - | - | - | 1,038 | 2,995 | 7,264 | 1 |

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

| 구 분 | | 합계 Total | 휘발유 Gasoline | 경유 Gas/Diesel oil | 등유 Kerosene | 중유 ¹ Fuel oil ¹ | 액화석유가스 LPG | 납사 Naphtha | 기타 ² Others ² |
|-------------------|-----|-------------|-----------------|----------------------|----------------|--|---------------|---------------|--|
| 1,000 kℓ | | | | | | | | | |
| 1990 | | 4,322 | 5 | 1,662 | 15 | 1,922 | 175 | 529 | 14 |
| 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 | | 68,250 | 10,177 | 26,035 | 1,063 | 3,505 | 136 | 6,288 | 21,046 |
| 2014 | | 71,356 | 11,658 | 27,686 | 706 | 2,126 | 214 | 5,622 | 23,344 |
| 2015 | | 75,903 | 12,606 | 27,345 | 599 | 1,693 | 198 | 7,606 | 25,856 |
| 2016 | | 77,539 | 12,124 | 27,827 | 328 | 2,066 | 297 | 7,912 | 26,985 |
| 2017 | | 80,941 | 13,071 | 28,006 | 831 | 2,573 | 384 | 7,026 | 29,050 |
| 2018 | | 84,510 | 13,974 | 30,320 | 1,038 | 4,028 | 786 | 6,926 | 27,438 |
| 2019 ^p | | 83,123 | 13,970 | 31,064 | 663 | 2,727 | 923 | 7,533 | 26,242 |
| 2018 | 2 | 6,586 | 1,122 | 2,174 | 181 | 427 | 49 | 525 | 2,108 |
| | 3 | 6,006 | 958 | 1,993 | 81 | 531 | 43 | 479 | 1,922 |
| | 4 | 6,636 | 1,231 | 2,286 | 39 | 316 | 37 | 540 | 2,185 |
| | 5 | 7,413 | 1,154 | 2,575 | 5 | 316 | 58 | 522 | 2,782 |
| | 6 | 6,887 | 1,073 | 2,397 | 17 | 276 | 63 | 619 | 2,443 |
| | 7 | 7,016 | 953 | 2,880 | 18 | 352 | 59 | 563 | 2,191 |
| | 8 | 7,627 | 1,165 | 2,413 | 14 | 342 | 38 | 626 | 3,030 |
| | 9 | 7,120 | 1,269 | 2,690 | 57 | 283 | 68 | 575 | 2,177 |
| | 10 | 7,864 | 1,304 | 2,976 | 115 | 225 | 104 | 659 | 2,480 |
| | 11 | 7,041 | 1,423 | 2,735 | 67 | 231 | 92 | 660 | 1,833 |
| | 12 | 7,139 | 1,147 | 2,848 | 188 | 221 | 109 | 594 | 2,031 |
| 2019 ^p | 1 | 7,999 | 1,424 | 3,262 | 179 | 196 | 114 | 573 | 2,251 |
| | 2 | 6,305 | 1,103 | 2,368 | 165 | 98 | 80 | 515 | 1,975 |
| | 3 | 6,308 | 1,278 | 2,189 | 30 | 171 | 48 | 642 | 1,951 |
| | 4 | 7,229 | 1,076 | 2,674 | 15 | 210 | 56 | 926 | 2,273 |
| | 5 | 6,632 | 880 | 2,340 | 16 | 179 | 71 | 663 | 2,484 |
| | 6 | 6,584 | 1,156 | 2,364 | 10 | 130 | 42 | 773 | 2,109 |
| | 7 | 7,333 | 1,213 | 2,709 | 18 | 190 | 36 | 715 | 2,453 |
| | 8 | 7,182 | 1,276 | 2,700 | 5 | 275 | 69 | 628 | 2,229 |
| | 9 | 7,070 | 1,233 | 2,698 | 15 | 252 | 102 | 572 | 2,199 |
| | 10 | 6,987 | 1,030 | 2,720 | 36 | 376 | 131 | 411 | 2,283 |
| | 11 | 6,506 | 963 | 2,365 | 61 | 342 | 88 | 570 | 2,117 |
| | 12 | 6,987 | 1,338 | 2,677 | 114 | 308 | 88 | 544 | 1,919 |
| 2020 ^p | 1 | 6,846 | 1,149 | 2,732 | 139 | 112 | 91 | 525 | 2,098 |
| | 2 | 6,829 | 1,335 | 2,529 | 129 | 248 | 59 | 435 | 2,095 |
| 2019 ^p | 1-2 | 14,304 | 2,528 | 5,630 | 344 | 294 | 194 | 1,088 | 4,226 |
| 2020 ^p | 1-2 | 13,675 | 2,485 | 5,260 | 268 | 360 | 149 | 960 | 4,193 |

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

| 구 분 | | 합계 Total | 휘발유 Gasoline | 경유 Gas/Diesel oil | 등유 Kerosene | 중유 ¹ Fuel oil ¹ | 액화석유가스 LPG | 납사 Naphtha | 기타 ² Others ² |
|-------------------|-----|-------------|-----------------|----------------------|----------------|--|---------------|---------------|--|
| 1,000 kℓ | | | | | | | | | |
| 1990 | | 48,410 | 3,806 | 15,033 | 2,152 | 16,366 | 1,907 | 5,642 | 3,504 |
| 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 | | 159,299 | 21,465 | 47,342 | 3,418 | 12,633 | 3,186 | 33,012 | 38,242 |
| 2014 | | 163,768 | 23,062 | 50,001 | 2,662 | 8,772 | 3,870 | 34,674 | 40,728 |
| 2015 | | 177,583 | 25,012 | 53,009 | 2,940 | 9,217 | 4,033 | 39,736 | 43,636 |
| 2016 | | 184,042 | 24,413 | 53,819 | 3,103 | 11,282 | 4,138 | 41,306 | 45,980 |
| 2017 | | 195,495 | 25,105 | 54,831 | 3,163 | 10,805 | 5,026 | 49,264 | 47,302 |
| 2018 | | 200,141 | 26,581 | 57,040 | 3,359 | 10,910 | 5,390 | 49,909 | 46,952 |
| 2019 ^p | | 198,738 | 26,745 | 58,326 | 3,292 | 9,187 | 5,229 | 49,674 | 46,285 |
| 2018 | 2 | 15,822 | 1,974 | 4,130 | 680 | 1,028 | 434 | 4,053 | 3,523 |
| | 3 | 15,082 | 2,057 | 3,968 | 184 | 978 | 429 | 4,061 | 3,405 |
| | 4 | 15,895 | 2,127 | 4,549 | 101 | 1,011 | 432 | 3,923 | 3,751 |
| | 5 | 17,407 | 2,217 | 5,026 | 103 | 958 | 506 | 4,260 | 4,337 |
| | 6 | 16,337 | 2,129 | 4,751 | 82 | 775 | 465 | 3,871 | 4,264 |
| | 7 | 17,395 | 2,174 | 5,062 | 91 | 939 | 471 | 4,315 | 4,343 |
| | 8 | 16,609 | 2,129 | 4,805 | 114 | 978 | 449 | 4,110 | 4,024 |
| | 9 | 16,566 | 2,426 | 5,006 | 165 | 734 | 411 | 3,920 | 3,905 |
| | 10 | 17,066 | 2,442 | 4,766 | 358 | 654 | 439 | 4,326 | 4,081 |
| | 11 | 16,973 | 2,437 | 5,128 | 271 | 815 | 402 | 4,201 | 3,718 |
| | 12 | 17,588 | 2,312 | 5,157 | 568 | 813 | 446 | 4,415 | 3,877 |
| 2019 ^p | 1 | 18,051 | 2,461 | 5,210 | 597 | 976 | 455 | 4,586 | 3,767 |
| | 2 | 16,101 | 2,139 | 4,617 | 469 | 760 | 409 | 4,038 | 3,669 |
| | 3 | 16,712 | 2,251 | 5,064 | 286 | 712 | 479 | 4,229 | 3,690 |
| | 4 | 16,503 | 2,090 | 4,827 | 135 | 876 | 504 | 4,230 | 3,840 |
| | 5 | 16,139 | 2,005 | 4,794 | 154 | 682 | 450 | 4,078 | 3,975 |
| | 6 | 15,786 | 2,089 | 4,562 | 121 | 595 | 458 | 3,954 | 4,008 |
| | 7 | 17,069 | 2,522 | 5,159 | 128 | 732 | 495 | 4,131 | 3,901 |
| | 8 | 17,255 | 2,417 | 5,135 | 73 | 814 | 477 | 4,192 | 4,145 |
| | 9 | 16,344 | 2,221 | 4,825 | 243 | 740 | 384 | 4,144 | 3,787 |
| | 10 | 15,394 | 2,026 | 4,274 | 238 | 805 | 342 | 3,851 | 3,858 |
| | 11 | 16,237 | 2,081 | 4,962 | 261 | 685 | 388 | 4,032 | 3,828 |
| | 12 | 17,147 | 2,444 | 4,897 | 584 | 809 | 388 | 4,211 | 3,815 |
| 2020 ^p | 1 | 17,225 | 2,222 | 5,074 | 507 | 1,034 | 392 | 4,206 | 3,790 |
| | 2 | 15,879 | 2,180 | 4,579 | 396 | 980 | 323 | 3,613 | 3,809 |
| 2019 ^p | 1-2 | 34,152 | 4,599 | 9,827 | 1,066 | 1,736 | 864 | 8,624 | 7,436 |
| 2020 ^p | 1-2 | 33,105 | 4,402 | 9,653 | 903 | 2,014 | 714 | 7,819 | 7,599 |

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

| 구 분 | | 합계 Total | 휘발유 Gasoline | 경유 Gas/Diesel oil | 등유 Kerosene | 중유 ¹ Fuel oil ¹ | 액화석유가스 LPG | 납사 Naphtha | 기타 ² Others ² |
|-------------------|-----|-------------|-----------------|----------------------|----------------|--|---------------|---------------|--|
| 1,000 kℓ | | | | | | | | | |
| 1990 | | 56,654 | 3,767 | 15,493 | 3,965 | 17,278 | 5,678 | 7,560 | 2,913 |
| 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 | | 131,194 | 11,672 | 22,738 | 2,992 | 7,372 | 14,795 | 61,089 | 10,537 |
| 2014 | | 130,599 | 11,681 | 23,027 | 2,453 | 5,289 | 14,241 | 63,012 | 10,894 |
| 2015 | | 136,130 | 12,173 | 24,860 | 2,580 | 6,097 | 14,287 | 65,312 | 10,820 |
| 2016 | | 146,933 | 12,548 | 26,480 | 3,030 | 7,549 | 17,323 | 68,378 | 11,625 |
| 2017 | | 149,458 | 12,658 | 26,846 | 3,022 | 5,694 | 16,716 | 72,870 | 11,651 |
| 2018 | | 148,619 | 12,668 | 26,557 | 3,001 | 5,292 | 17,453 | 71,727 | 11,921 |
| 2019 ^o | | 148,318 | 13,170 | 27,322 | 2,723 | 3,826 | 19,551 | 69,733 | 11,995 |
| 2018 | 2 | 11,942 | 955 | 1,889 | 468 | 523 | 1,469 | 5,811 | 826 |
| | 3 | 12,389 | 1,048 | 2,236 | 229 | 535 | 1,542 | 5,880 | 920 |
| | 4 | 12,240 | 1,025 | 2,246 | 140 | 400 | 1,414 | 5,972 | 1,043 |
| | 5 | 12,518 | 1,050 | 2,216 | 112 | 382 | 1,552 | 6,182 | 1,023 |
| | 6 | 12,091 | 1,087 | 2,308 | 85 | 362 | 1,496 | 5,753 | 1,000 |
| | 7 | 12,420 | 1,121 | 2,290 | 70 | 427 | 1,434 | 6,073 | 1,005 |
| | 8 | 12,372 | 1,158 | 2,296 | 100 | 429 | 1,410 | 6,032 | 948 |
| | 9 | 12,223 | 1,088 | 2,158 | 161 | 341 | 1,344 | 6,089 | 1,042 |
| | 10 | 11,689 | 889 | 1,956 | 244 | 437 | 1,302 | 5,776 | 1,084 |
| | 11 | 12,099 | 1,110 | 2,380 | 296 | 372 | 1,358 | 5,585 | 998 |
| | 12 | 13,260 | 1,103 | 2,407 | 511 | 377 | 1,607 | 6,164 | 1,091 |
| 2019 ^o | 1 | 13,587 | 1,165 | 2,448 | 542 | 474 | 1,715 | 6,293 | 951 |
| | 2 | 11,713 | 999 | 2,041 | 349 | 389 | 1,416 | 5,657 | 862 |
| | 3 | 12,251 | 1,085 | 2,344 | 220 | 459 | 1,494 | 5,668 | 981 |
| | 4 | 12,094 | 1,123 | 2,458 | 180 | 306 | 1,489 | 5,501 | 1,036 |
| | 5 | 11,631 | 957 | 2,036 | 88 | 301 | 1,443 | 5,793 | 1,013 |
| | 6 | 11,482 | 1,129 | 2,277 | 81 | 280 | 1,389 | 5,322 | 1,004 |
| | 7 | 12,559 | 1,070 | 2,255 | 73 | 296 | 1,660 | 6,187 | 1,018 |
| | 8 | 13,032 | 1,368 | 2,621 | 114 | 256 | 1,729 | 6,051 | 892 |
| | 9 | 11,569 | 915 | 1,726 | 159 | 205 | 1,667 | 5,928 | 968 |
| | 10 | 12,099 | 1,118 | 2,329 | 198 | 209 | 1,818 | 5,445 | 982 |
| | 11 | 12,690 | 1,113 | 2,364 | 307 | 245 | 1,780 | 5,778 | 1,102 |
| | 12 | 13,612 | 1,128 | 2,422 | 410 | 406 | 1,951 | 6,109 | 1,186 |
| 2020 ^o | 1 | 12,875 | 978 | 1,872 | 378 | 366 | 2,000 | 6,281 | 1,000 |
| | 2 | 11,468 | 940 | 1,945 | 319 | 301 | 1,454 | 5,651 | 858 |
| 2019 ^o | 1-2 | 25,300 | 2,164 | 4,489 | 891 | 863 | 3,131 | 11,949 | 1,813 |
| 2020 ^o | 1-2 | 24,343 | 1,918 | 3,817 | 697 | 666 | 3,454 | 11,932 | 1,858 |

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

| 구 분 | | 생산 | 수입 | 수출 | 재고 | 공급 ¹ | 소비 Consumption | | | | |
|-------------------|-------------------|------------|----------|-----------|-------------|-----------------------|----------------|-------|--------|-------|-------|
| | | Production | Import | Export | Stock | Supply ¹ | 합계 | 산업 | 수송 | 가정 | 상업·공공 |
| | | Total | Industry | Transport | Residential | Commercial/ Public | | | | | |
| 1,000 kℓ | | | | | | | | | | | |
| 1990 | | 3,806 | - | 5 | 180 | 3,767 | - | - | - | - | - |
| 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 | 10,156 | 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 | 9,369 | 337 | 8,942 | 5 | 85 |
| 2005 | | 11,737 | 12 | 2,308 | 500 | 9,469 | 9,469 | 327 | 9,051 | 4 | 87 |
| 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 | | 21,465 | 273 | 10,177 | 805 | 11,672 | 11,672 | 247 | 11,314 | 16 | 95 |
| 2014 | | 23,062 | - | 11,658 | 707 | 11,681 | 11,681 | 232 | 11,317 | 22 | 109 |
| 2015 | | 25,012 | 61 | 12,606 | 812 | 12,173 | 12,173 | 227 | 11,807 | 28 | 111 |
| 2016 | | 24,413 | 221 | 12,124 | 906 | 12,548 | 12,548 | 214 | 12,225 | 15 | 93 |
| 2017 | | 25,105 | 179 | 13,071 | 902 | 12,658 | 12,658 | 239 | 12,324 | 13 | 82 |
| 2018 | | 26,581 | 28 | 13,974 | 1,141 | 12,668 | 12,668 | 221 | 12,355 | 14 | 79 |
| 2019 ^p | | 26,745 | 21 | 13,970 | 975 | 13,170 | 13,170 | 245 | 12,808 | 10 | 106 |
| 2018 | 2 | 1,974 | - | 1,122 | 783 | 955 | 955 | 17 | 932 | 1 | 6 |
| | 3 | 2,057 | - | 958 | 865 | 1,048 | 1,048 | 21 | 1,019 | 1 | 6 |
| | 4 | 2,127 | 12 | 1,231 | 782 | 1,025 | 1,025 | 20 | 997 | 1 | 7 |
| | 5 | 2,217 | - | 1,154 | 812 | 1,050 | 1,050 | 20 | 1,021 | 1 | 7 |
| | 6 | 2,129 | - | 1,073 | 790 | 1,087 | 1,087 | 16 | 1,063 | 1 | 7 |
| | 7 | 2,174 | - | 953 | 888 | 1,121 | 1,121 | 16 | 1,097 | 1 | 6 |
| | 8 | 2,129 | 16 | 1,165 | 739 | 1,158 | 1,158 | 17 | 1,133 | 1 | 7 |
| | 9 | 2,426 | - | 1,269 | 844 | 1,088 | 1,088 | 20 | 1,059 | 1 | 7 |
| | 10 | 2,442 | - | 1,304 | 1,118 | 889 | 889 | 22 | 860 | 1 | 6 |
| | 11 | 2,437 | - | 1,423 | 1,052 | 1,110 | 1,110 | 19 | 1,084 | 1 | 7 |
| | 12 | 2,312 | - | 1,147 | 1,141 | 1,103 | 1,103 | 18 | 1,077 | 1 | 7 |
| | 2019 ^p | 1 | 2,461 | - | 1,424 | 1,032 | 1,165 | 1,165 | 16 | 1,138 | 1 |
| 2 | | 2,139 | - | 1,103 | 1,095 | 999 | 999 | 21 | 970 | 1 | 7 |
| 3 | | 2,251 | - | 1,278 | 1,017 | 1,085 | 1,085 | 21 | 1,053 | 1 | 9 |
| 4 | | 2,090 | 21 | 1,076 | 908 | 1,123 | 1,123 | 23 | 1,091 | 1 | 9 |
| 5 | | 2,005 | - | 880 | 1,059 | 957 | 957 | 23 | 925 | 1 | 8 |
| 6 | | 2,089 | 0 | 1,156 | 866 | 1,129 | 1,129 | 17 | 1,104 | 1 | 8 |
| 7 | | 2,522 | - | 1,213 | 1,131 | 1,070 | 1,070 | 25 | 1,035 | 0 | 10 |
| 8 | | 2,417 | - | 1,276 | 924 | 1,368 | 1,368 | 16 | 1,341 | 1 | 10 |
| 9 | | 2,221 | - | 1,233 | 1,027 | 915 | 915 | 20 | 886 | 1 | 9 |
| 10 | | 2,026 | - | 1,030 | 912 | 1,118 | 1,118 | 19 | 1,089 | 0 | 9 |
| 11 | | 2,081 | - | 963 | 949 | 1,113 | 1,113 | 19 | 1,084 | 0 | 10 |
| 12 | | 2,444 | 0 | 1,338 | 975 | 1,128 | 1,128 | 26 | 1,092 | 0 | 10 |
| 2020 ^p | 1 | 2,222 | - | 1,149 | 1,092 | 978 | 978 | 12 | 957 | 0 | 8 |
| | 2 | 2,180 | - | 1,335 | 1,023 | 940 | 940 | 16 | 917 | 0 | 7 |
| 2019 ^p | 1-2 | 4,599 | - | 2,528 | 1,095 | 2,164 | 2,164 | 37 | 2,109 | 3 | 16 |
| 2020 ^p | 1-2 | 4,402 | - | 2,485 | 1,023 | 1,918 | 1,918 | 28 | 1,874 | 1 | 16 |

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

| 구 분 | | 생산 | 수입 | 수출 | 재고 | 공급 ¹ | 소비 Consumption | | | | |
|-------------------|-------------------|------------|----------|-----------|-------------|-----------------------|----------------|-------|--------|-------|-------|
| | | Production | Import | Export | Stock | Supply ¹ | 합계 | 산업 | 수송 | 가정 | 상업·공공 |
| | | Total | Industry | Transport | Residential | Commercial/ Public | | | | | |
| 1,000 kℓ | | | | | | | | | | | |
| 1990 | | 15,033 | 2,160 | 1,662 | 527 | 15,493 | - | - | - | - | - |
| 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 | 14,899 | 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 | 21,172 | 3,029 | 16,335 | 1,098 | 711 |
| 2005 | | 36,720 | 304 | 13,655 | 1,180 | 22,660 | 22,638 | 3,051 | 17,719 | 1,166 | 703 |
| 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 | | 47,342 | 1,367 | 26,035 | 1,517 | 22,738 | 22,619 | 3,276 | 17,869 | 612 | 862 |
| 2014 | | 50,001 | 819 | 27,686 | 1,380 | 23,027 | 23,006 | 3,015 | 18,326 | 656 | 1,009 |
| 2015 | | 53,009 | 42 | 27,345 | 1,761 | 24,860 | 24,846 | 2,794 | 19,991 | 911 | 1,150 |
| 2016 | | 53,819 | 32 | 27,827 | 1,369 | 26,480 | 26,451 | 2,697 | 21,610 | 1,002 | 1,141 |
| 2017 | | 54,831 | 37 | 28,006 | 1,504 | 26,846 | 26,831 | 2,554 | 22,011 | 1,090 | 1,176 |
| 2018 | | 57,040 | 38 | 30,320 | 1,773 | 26,557 | 26,504 | 2,408 | 22,213 | 773 | 1,110 |
| 2019 ^p | | 58,326 | 22 | 31,064 | 1,665 | 27,322 | 27,171 | 2,572 | 22,634 | 789 | 1,176 |
| 2018 | 2 | 4,130 | 3 | 2,174 | 1,704 | 1,889 | 1,887 | 129 | 1,594 | 54 | 110 |
| | 3 | 3,968 | 3 | 1,993 | 1,422 | 2,236 | 2,234 | 165 | 1,896 | 70 | 103 |
| | 4 | 4,549 | 3 | 2,286 | 1,472 | 2,246 | 2,243 | 225 | 1,860 | 61 | 96 |
| | 5 | 5,026 | 4 | 2,575 | 1,718 | 2,216 | 2,212 | 205 | 1,869 | 62 | 77 |
| | 6 | 4,751 | 1 | 2,397 | 1,808 | 2,308 | 2,302 | 172 | 1,974 | 69 | 87 |
| | 7 | 5,062 | 2 | 2,880 | 1,731 | 2,290 | 2,283 | 232 | 1,919 | 59 | 74 |
| | 8 | 4,805 | 3 | 2,413 | 1,871 | 2,296 | 2,286 | 203 | 1,939 | 64 | 79 |
| | 9 | 5,006 | 4 | 2,690 | 2,078 | 2,158 | 2,154 | 220 | 1,790 | 62 | 82 |
| | 10 | 4,766 | 5 | 2,976 | 1,849 | 1,956 | 1,951 | 229 | 1,576 | 67 | 79 |
| | 11 | 5,128 | 2 | 2,735 | 1,860 | 2,380 | 2,377 | 191 | 2,016 | 70 | 100 |
| | 12 | 5,157 | 5 | 2,848 | 1,773 | 2,407 | 2,404 | 218 | 2,003 | 73 | 109 |
| | 2019 ^p | 1 | 5,210 | 2 | 3,262 | 1,345 | 2,448 | 2,445 | 236 | 2,009 | 74 |
| 2 | | 4,617 | 0 | 2,368 | 1,450 | 2,041 | 2,038 | 202 | 1,683 | 59 | 94 |
| 3 | | 5,064 | 2 | 2,189 | 1,976 | 2,344 | 2,330 | 213 | 1,944 | 72 | 102 |
| 4 | | 4,827 | 3 | 2,674 | 1,833 | 2,458 | 2,440 | 204 | 2,064 | 67 | 105 |
| 5 | | 4,794 | 2 | 2,340 | 2,098 | 2,036 | 2,020 | 192 | 1,683 | 55 | 90 |
| 6 | | 4,562 | 1 | 2,364 | 2,014 | 2,277 | 2,257 | 162 | 1,942 | 67 | 86 |
| 7 | | 5,159 | 3 | 2,709 | 2,214 | 2,255 | 2,233 | 241 | 1,848 | 56 | 88 |
| 8 | | 5,135 | 5 | 2,700 | 2,049 | 2,621 | 2,598 | 207 | 2,226 | 74 | 91 |
| 9 | | 4,825 | - | 2,698 | 2,534 | 1,726 | 1,715 | 208 | 1,389 | 48 | 70 |
| 10 | | 4,274 | 2 | 2,720 | 1,670 | 2,329 | 2,320 | 208 | 1,925 | 82 | 104 |
| 11 | | 4,962 | 2 | 2,365 | 1,886 | 2,364 | 2,354 | 235 | 1,944 | 66 | 110 |
| 12 | | 4,897 | 1 | 2,677 | 1,665 | 2,422 | 2,422 | 263 | 1,977 | 70 | 112 |
| 2020 ^p | 1 | 5,074 | - | 2,732 | 2,135 | 1,872 | 1,870 | 181 | 1,533 | 52 | 104 |
| | 2 | 4,579 | - | 2,529 | 2,216 | 1,945 | 1,944 | 146 | 1,637 | 54 | 107 |
| 2019 ^p | 1-2 | 9,827 | 2 | 5,630 | 1,450 | 4,489 | 4,483 | 438 | 3,692 | 133 | 220 |
| 2020 ^p | 1-2 | 9,653 | - | 5,260 | 2,216 | 3,817 | 3,814 | 328 | 3,170 | 106 | 211 |

1. 1차에너지 공급량
자료: 한국석유공사-PEDSIS

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

3.11 등유 수급

Kerosene supply and demand

| 구 분 | | 생산 | 수입 | 수출 | 재고 | 공급 ¹ | 소비 Consumption | | | | |
|-------------------|-----|------------|--------|--------|-------|---------------------|----------------|-------|----|-------|--------------------------------|
| | | Production | Import | Export | Stock | Supply ¹ | 합계 | 산업 | 수송 | 가정 | 상업·공공 Commercial/ Public |
| | | 1,000 kℓ | | | | | | | | | |
| 1990 | | 2,152 | 2,777 | 15 | 991 | 3,965 | - | - | - | - | - |
| 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 | 12,230 | 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 | 7,148 | 916 | 19 | 4,296 | 1,916 |
| 2005 | | 6,883 | 57 | 708 | 449 | 6,263 | 6,135 | 871 | 14 | 3,651 | 1,599 |
| 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 | | 3,418 | 16 | 1,063 | 369 | 2,992 | 2,951 | 520 | 8 | 1,744 | 679 |
| 2014 | | 2,662 | 21 | 706 | 273 | 2,453 | 2,444 | 253 | 5 | 1,634 | 552 |
| 2015 | | 2,940 | 2 | 599 | 354 | 2,580 | 2,577 | 162 | 10 | 1,838 | 567 |
| 2016 | | 3,103 | 3 | 328 | 353 | 3,030 | 2,953 | 172 | 3 | 2,181 | 597 |
| 2017 | | 3,163 | 6 | 831 | 289 | 3,022 | 2,883 | 152 | 0 | 2,170 | 561 |
| 2018 | | 3,359 | 0 | 1,038 | 363 | 3,001 | 2,848 | 167 | 1 | 2,166 | 514 |
| 2019 ^p | | 3,292 | 6 | 663 | 401 | 2,723 | 2,553 | 153 | 24 | 1,915 | 462 |
| 2018 | 2 | 680 | - | 181 | 417 | 468 | 456 | 28 | 0 | 343 | 85 |
| | 3 | 184 | - | 81 | 350 | 229 | 218 | 13 | 0 | 165 | 41 |
| | 4 | 101 | - | 39 | 308 | 140 | 130 | 8 | 0 | 96 | 25 |
| | 5 | 103 | - | 5 | 328 | 112 | 99 | 15 | 0 | 69 | 15 |
| | 6 | 82 | - | 17 | 286 | 85 | 72 | 5 | 0 | 50 | 17 |
| | 7 | 91 | - | 18 | 316 | 70 | 56 | 4 | 0 | 40 | 11 |
| | 8 | 114 | 0 | 14 | 320 | 100 | 86 | 6 | 0 | 64 | 15 |
| | 9 | 165 | - | 57 | 306 | 161 | 151 | 8 | 0 | 122 | 21 |
| | 10 | 358 | - | 115 | 411 | 244 | 228 | 13 | 0 | 180 | 34 |
| | 11 | 271 | - | 67 | 366 | 296 | 285 | 15 | 0 | 221 | 49 |
| | 12 | 568 | - | 188 | 363 | 511 | 500 | 27 | 0 | 380 | 93 |
| 2019 ^p | 1 | 597 | 3 | 179 | 282 | 542 | 530 | 24 | 5 | 400 | 101 |
| | 2 | 469 | - | 165 | 284 | 349 | 336 | 21 | 2 | 248 | 64 |
| | 3 | 286 | - | 30 | 311 | 220 | 204 | 13 | 2 | 153 | 36 |
| | 4 | 135 | - | 15 | 241 | 180 | 166 | 11 | 2 | 122 | 32 |
| | 5 | 154 | - | 16 | 288 | 88 | 71 | 11 | 1 | 49 | 11 |
| | 6 | 121 | - | 10 | 312 | 81 | 62 | 5 | 1 | 42 | 15 |
| | 7 | 128 | - | 18 | 344 | 73 | 53 | 4 | 0 | 37 | 11 |
| | 8 | 73 | 2 | 5 | 288 | 114 | 95 | 7 | 1 | 71 | 15 |
| | 9 | 243 | - | 15 | 354 | 159 | 146 | 8 | 1 | 114 | 23 |
| | 10 | 238 | - | 36 | 377 | 198 | 190 | 11 | 2 | 149 | 28 |
| | 11 | 261 | - | 61 | 296 | 307 | 299 | 15 | 2 | 229 | 52 |
| | 12 | 584 | - | 114 | 401 | 410 | 401 | 22 | 4 | 302 | 73 |
| 2020 ^p | 1 | 507 | - | 139 | 443 | 378 | 367 | 16 | 4 | 279 | 69 |
| | 2 | 396 | - | 129 | 410 | 319 | 309 | 19 | 2 | 230 | 58 |
| 2019 ^p | 1-2 | 1,066 | 3 | 344 | 284 | 891 | 866 | 45 | 7 | 648 | 165 |
| 2020 ^p | 1-2 | 903 | - | 268 | 410 | 697 | 676 | 34 | 6 | 509 | 127 |

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

| 구 분 | | 생산 | 수입 | 수출 | 재고 | 공급 ¹ | 소비 Consumption | | | | |
|-------------------|-------------------|------------|----------|-----------|-------------|-----------------------|----------------|--------|-------|-------|-------|
| | | Production | Import | Export | Stock | Supply ¹ | 합계 | 산업 | 수송 | 가정 | 상업·공공 |
| | | Total | Industry | Transport | Residential | Commercial/ Public | | | | | |
| 1,000 kℓ | | | | | | | | | | | |
| 1990 | | 16,366 | 4,397 | 1,922 | 576 | 17,278 | - | - | - | - | - |
| 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 | 11,647 | 7,440 | 3,561 | 356 | 289 |
| 2005 | | 33,569 | 639 | 8,914 | 1,487 | 15,980 | 11,077 | 6,723 | 3,686 | 333 | 335 |
| 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 | | 12,633 | 7,040 | 3,505 | 1,673 | 7,372 | 3,749 | 1,432 | 2,097 | 97 | 124 |
| 2014 | | 8,772 | 8,268 | 2,126 | 1,797 | 5,289 | 3,512 | 1,312 | 2,039 | 61 | 101 |
| 2015 | | 9,217 | 7,430 | 1,693 | 1,879 | 6,097 | 4,090 | 1,360 | 2,524 | 58 | 148 |
| 2016 | | 11,282 | 7,508 | 2,066 | 1,677 | 7,549 | 4,537 | 1,428 | 2,952 | 51 | 106 |
| 2017 | | 10,805 | 6,374 | 2,573 | 1,848 | 5,694 | 4,506 | 1,238 | 3,084 | 50 | 134 |
| 2018 | | 10,965 | 6,823 | 4,141 | 1,893 | 5,361 | 4,114 | 1,137 | 2,829 | 50 | 98 |
| 2019 ^p | | 9,187 | 5,022 | 2,727 | 1,572 | 3,826 | 3,171 | 891 | 2,124 | 41 | 115 |
| 2018 | 2 | 1,028 | 569 | 427 | 1,848 | 523 | 337 | 87 | 233 | 8 | 10 |
| | 3 | 978 | 639 | 531 | 1,693 | 535 | 360 | 91 | 252 | 6 | 10 |
| | 4 | 1,011 | 544 | 316 | 1,759 | 400 | 364 | 107 | 245 | 4 | 9 |
| | 5 | 958 | 599 | 316 | 1,845 | 382 | 340 | 108 | 220 | 3 | 9 |
| | 6 | 775 | 604 | 276 | 1,943 | 362 | 318 | 94 | 216 | 2 | 6 |
| | 7 | 939 | 369 | 352 | 1,841 | 427 | 319 | 90 | 220 | 2 | 7 |
| | 8 | 978 | 408 | 342 | 1,719 | 429 | 310 | 81 | 223 | 1 | 5 |
| | 9 | 734 | 711 | 283 | 1,806 | 341 | 313 | 83 | 222 | 2 | 5 |
| | 10 | 654 | 511 | 225 | 1,658 | 437 | 353 | 99 | 243 | 3 | 7 |
| | 11 | 815 | 623 | 231 | 1,866 | 372 | 326 | 86 | 231 | 3 | 7 |
| | 12 | 868 | 614 | 334 | 1,893 | 446 | 358 | 97 | 247 | 6 | 8 |
| | 2019 ^p | 1 | 976 | 477 | 196 | 2,018 | 474 | 346 | 100 | 223 | 7 |
| 2 | | 760 | 416 | 98 | 2,187 | 389 | 315 | 88 | 205 | 7 | 15 |
| 3 | | 712 | 216 | 171 | 1,949 | 459 | 303 | 79 | 209 | 4 | 11 |
| 4 | | 876 | 171 | 210 | 1,865 | 306 | 269 | 72 | 185 | 3 | 8 |
| 5 | | 682 | 543 | 179 | 2,023 | 301 | 280 | 74 | 198 | 2 | 7 |
| 6 | | 595 | 483 | 130 | 1,946 | 280 | 265 | 72 | 186 | 1 | 6 |
| 7 | | 732 | 465 | 190 | 1,863 | 296 | 270 | 83 | 178 | 2 | 9 |
| 8 | | 814 | 634 | 275 | 1,967 | 256 | 230 | 54 | 169 | 1 | 6 |
| 9 | | 740 | 543 | 252 | 2,177 | 205 | 199 | 63 | 124 | 3 | 8 |
| 10 | | 805 | 260 | 376 | 2,056 | 209 | 189 | 57 | 122 | 2 | 7 |
| 11 | | 685 | 142 | 342 | 1,787 | 245 | 212 | 61 | 138 | 3 | 10 |
| 12 | | 809 | 672 | 308 | 1,572 | 406 | 292 | 87 | 186 | 6 | 13 |
| 2020 ^p | 1 | 1,034 | 517 | 112 | 1,868 | 366 | 289 | 64 | 210 | 5 | 9 |
| | 2 | 980 | 521 | 248 | 1,935 | 301 | 267 | 54 | 200 | 3 | 9 |
| 2019 ^p | 1-2 | 1,736 | 893 | 294 | 2,187 | 863 | 661 | 189 | 429 | 14 | 30 |
| 2020 ^p | 1-2 | 2,014 | 1,038 | 360 | 1,935 | 666 | 556 | 118 | 410 | 9 | 19 |

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

| 구 분 | 생산 Production | 수입 Import | 수출 Export | 재고 Stock | 공급 ¹ Supply ¹ | 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 | - | - | - | - | - | |
| 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 | 7,577 | 1,655 | 3,801 | 2,004 | 116 | |
| 2005 | 3,312 | 4,205 | 62 | 432 | 7,983 | 7,870 | 1,822 | 3,966 | 992 | 1,089 | |
| 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 | 1,739 | 5,705 | 70 | 165 | 8,136 | 7,998 | 2,459 | 4,013 | 722 | 804 | |
| 2014 | 2,128 | 5,480 | 112 | 365 | 7,836 | 7,776 | 2,586 | 3,759 | 703 | 727 | |
| 2015 | 2,214 | 5,358 | 105 | 312 | 7,793 | 7,720 | 2,494 | 3,717 | 546 | 962 | |
| 2016 | 2,268 | 7,025 | 155 | 274 | 9,340 | 9,251 | 4,132 | 3,552 | 610 | 957 | |
| 2017 | 2,768 | 6,121 | 200 | 338 | 8,986 | 8,861 | 3,992 | 3,325 | 572 | 973 | |
| 2018 | 2,969 | 6,628 | 405 | 412 | 9,380 | 9,202 | 4,547 | 3,100 | 579 | 975 | |
| 2019 ^p | 2,882 | 7,817 | 477 | 316 | 10,436 | 10,263 | 5,672 | 3,039 | 589 | 963 | |
| 2018 | 2 | 239 | 604 | 26 | 418 | 786 | 734 | 362 | 225 | 55 | 92 |
| | 3 | 236 | 535 | 23 | 351 | 829 | 794 | 385 | 258 | 54 | 97 |
| | 4 | 238 | 605 | 20 | 411 | 764 | 755 | 356 | 261 | 51 | 87 |
| | 5 | 280 | 446 | 26 | 294 | 836 | 828 | 418 | 276 | 49 | 85 |
| | 6 | 257 | 581 | 34 | 311 | 804 | 791 | 425 | 262 | 38 | 66 |
| | 7 | 261 | 533 | 31 | 320 | 775 | 766 | 397 | 278 | 33 | 58 |
| | 8 | 249 | 522 | 19 | 331 | 760 | 748 | 372 | 279 | 34 | 63 |
| | 9 | 226 | 474 | 36 | 292 | 723 | 716 | 350 | 262 | 39 | 66 |
| | 10 | 241 | 568 | 54 | 378 | 699 | 692 | 335 | 239 | 45 | 73 |
| | 11 | 220 | 595 | 47 | 451 | 728 | 719 | 347 | 243 | 49 | 81 |
| | 12 | 244 | 603 | 56 | 412 | 858 | 848 | 429 | 257 | 64 | 98 |
| | 2019 ^p | 1 | 249 | 728 | 58 | 433 | 915 | 884 | 433 | 263 | 74 |
| 2 | | 224 | 444 | 41 | 306 | 758 | 730 | 349 | 235 | 57 | 89 |
| 3 | | 264 | 513 | 25 | 260 | 799 | 774 | 378 | 253 | 55 | 88 |
| 4 | | 280 | 598 | 29 | 310 | 792 | 783 | 383 | 255 | 55 | 90 |
| 5 | | 250 | 545 | 37 | 319 | 769 | 758 | 398 | 248 | 42 | 69 |
| 6 | | 254 | 514 | 22 | 340 | 742 | 735 | 415 | 232 | 32 | 56 |
| 7 | | 274 | 733 | 18 | 442 | 888 | 881 | 516 | 263 | 36 | 66 |
| 8 | | 264 | 647 | 36 | 394 | 928 | 921 | 535 | 286 | 37 | 64 |
| 9 | | 211 | 775 | 52 | 446 | 890 | 888 | 550 | 243 | 35 | 60 |
| 10 | | 188 | 710 | 68 | 328 | 969 | 957 | 555 | 270 | 50 | 82 |
| 11 | | 213 | 751 | 45 | 318 | 946 | 927 | 546 | 245 | 52 | 84 |
| 12 | | 212 | 859 | 46 | 316 | 1,039 | 1,025 | 614 | 247 | 64 | 100 |
| 2020 ^p | 1 | 215 | 934 | 46 | 359 | 1,065 | 1,050 | 621 | 253 | 69 | 107 |
| | 2 | 177 | 625 | 30 | 359 | 771 | 760 | 438 | 191 | 51 | 81 |
| 2019 ^p | 1-2 | 473 | 1,172 | 99 | 306 | 1,673 | 1,614 | 781 | 498 | 131 | 203 |
| 2020 ^p | 1-2 | 392 | 1,559 | 76 | 359 | 1,836 | 1,810 | 1,059 | 444 | 119 | 188 |

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

| 구 분 | | 생산 | 수입 | 수출 | 재고 | 공급 ¹ | 소비 Consumption | | | | |
|-------------------|-------------------|------------|--------|--------|-------|---------------------|----------------|--------|-------|----|-------|
| | | Production | Import | Export | Stock | Supply ¹ | 합계 | 산업 | 수송 | 가정 | 상업·공공 |
| | | 1,000 ton | | | | | | | | | |
| 1990 | | 3,861 | 1,676 | 362 | 185 | 5,173 | - | - | - | - | - |
| 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 | 28,536 | 28,536 | - | - | - |
| 2005 | | 19,187 | 13,413 | 2,806 | 1,257 | 29,726 | 29,726 | 29,726 | - | - | - |
| 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 | | 22,589 | 22,660 | 4,303 | 1,384 | 41,802 | 41,802 | 41,802 | - | - | - |
| 2014 | | 23,726 | 22,381 | 3,847 | 1,394 | 43,117 | 43,117 | 43,117 | - | - | - |
| 2015 | | 27,190 | 21,498 | 5,204 | 1,319 | 44,691 | 44,691 | 44,691 | - | - | - |
| 2016 | | 28,265 | 21,999 | 5,414 | 1,339 | 46,789 | 46,789 | 46,789 | - | - | - |
| 2017 | | 33,710 | 21,718 | 4,808 | 1,110 | 49,863 | 49,863 | 49,863 | - | - | - |
| 2018 | | 34,151 | 23,804 | 4,739 | 1,642 | 49,081 | 49,081 | 49,081 | - | - | - |
| 2019 ^p | | 33,990 | 24,596 | 5,155 | 1,255 | 47,716 | 47,716 | 47,716 | - | - | - |
| 2018 | 2 | 2,773 | 2,013 | 359 | 1,415 | 3,976 | 3,976 | 3,976 | - | - | - |
| | 3 | 2,779 | 1,921 | 328 | 1,543 | 4,023 | 4,023 | 4,023 | - | - | - |
| | 4 | 2,684 | 1,756 | 370 | 1,253 | 4,086 | 4,086 | 4,086 | - | - | - |
| | 5 | 2,915 | 2,050 | 357 | 1,370 | 4,230 | 4,230 | 4,230 | - | - | - |
| | 6 | 2,649 | 1,942 | 423 | 1,287 | 3,937 | 3,937 | 3,937 | - | - | - |
| | 7 | 2,953 | 2,166 | 385 | 1,576 | 4,155 | 4,155 | 4,155 | - | - | - |
| | 8 | 2,813 | 1,966 | 428 | 1,399 | 4,128 | 4,128 | 4,128 | - | - | - |
| | 9 | 2,682 | 2,051 | 394 | 1,340 | 4,166 | 4,166 | 4,166 | - | - | - |
| | 10 | 2,960 | 1,930 | 451 | 1,417 | 3,952 | 3,952 | 3,952 | - | - | - |
| | 11 | 2,875 | 1,897 | 452 | 1,546 | 3,821 | 3,821 | 3,821 | - | - | - |
| | 12 | 3,021 | 2,277 | 407 | 1,642 | 4,218 | 4,218 | 4,218 | - | - | - |
| | 2019 ^p | 1 | 3,138 | 1,992 | 392 | 1,379 | 4,306 | 4,306 | 4,306 | - | - |
| 2 | | 2,763 | 1,592 | 353 | 1,253 | 3,871 | 3,871 | 3,871 | - | - | - |
| 3 | | 2,894 | 1,780 | 439 | 1,260 | 3,878 | 3,878 | 3,878 | - | - | - |
| 4 | | 2,894 | 1,929 | 634 | 1,473 | 3,764 | 3,764 | 3,764 | - | - | - |
| 5 | | 2,790 | 2,005 | 454 | 1,434 | 3,964 | 3,964 | 3,964 | - | - | - |
| 6 | | 2,705 | 2,073 | 529 | 1,655 | 3,642 | 3,642 | 3,642 | - | - | - |
| 7 | | 2,827 | 2,219 | 489 | 1,373 | 4,234 | 4,236 | 4,236 | - | - | - |
| 8 | | 2,868 | 2,556 | 430 | 1,495 | 4,140 | 4,161 | 4,161 | - | - | - |
| 9 | | 2,836 | 2,142 | 391 | 1,430 | 4,057 | 4,033 | 4,033 | - | - | - |
| 10 | | 2,635 | 1,952 | 281 | 1,331 | 3,726 | 3,726 | 3,726 | - | - | - |
| 11 | | 2,759 | 2,018 | 390 | 1,153 | 3,954 | 3,954 | 3,954 | - | - | - |
| 12 | | 2,881 | 2,338 | 372 | 1,255 | 4,180 | 4,180 | 4,180 | - | - | - |
| 2020 ^p | 1 | 2,878 | 2,701 | 359 | 1,542 | 4,298 | 4,298 | 4,298 | - | - | - |
| | 2 | 2,472 | 2,270 | 297 | 1,480 | 3,867 | 3,867 | 3,867 | - | - | - |
| 2019 ^p | 1-2 | 5,901 | 3,584 | 745 | 1,253 | 8,177 | 8,177 | 8,177 | - | - | - |
| 2020 ^p | 1-2 | 5,350 | 4,971 | 657 | 1,480 | 8,165 | 8,165 | 8,165 | - | - | - |

자료: 한국석유공사-PEDSIS

Source: Korea National Oil Corporation-PEDSIS

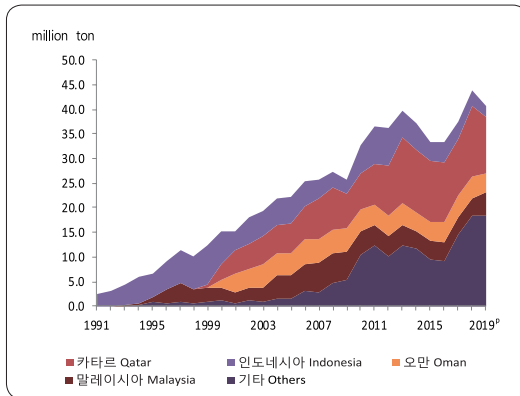
4. 가스

Natural gas & City gas

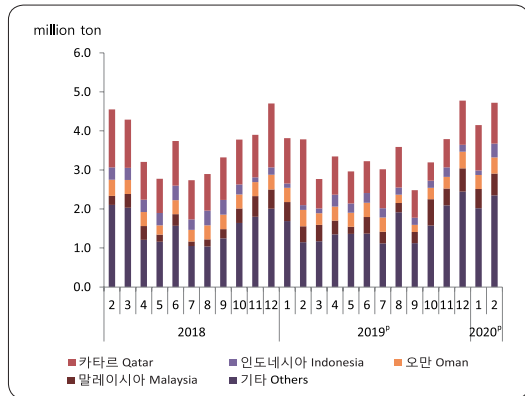


□ 천연가스 수입 Natural gas import

<1991~2019^p>

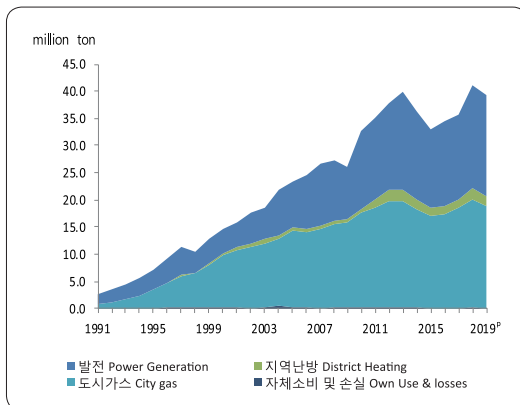


<월별 Monthly>

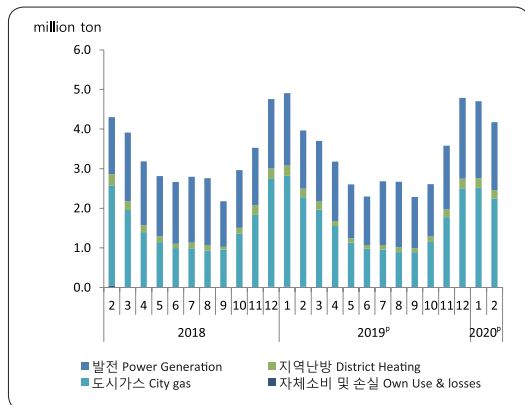


□ 천연가스 소비 Natural gas consumption

<1991~2019^p>

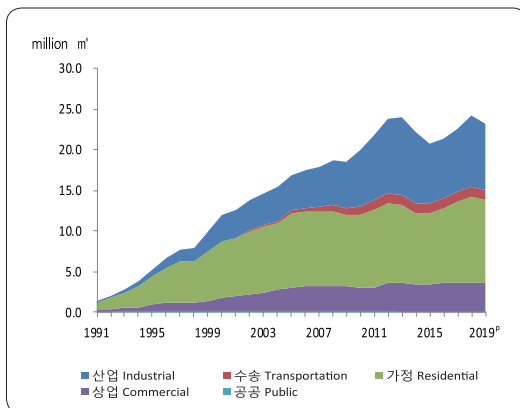


<월별 Monthly>

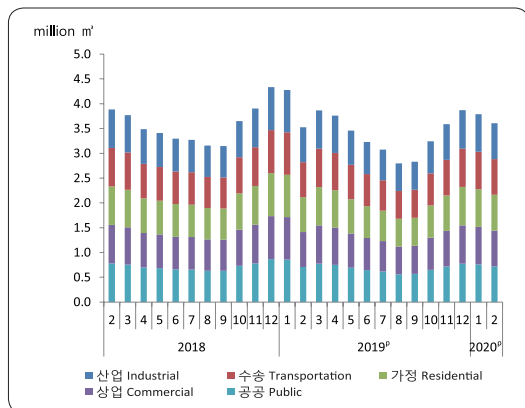


□ 도시가스 소비 City gas consumption

<1991~2019^p>



<월별 Monthly>



4.1. 천연가스 수입

Natural gas import

| 구 분 | 카고수 ¹ | 수입액 | 수입량 Import volume | | | | | |
|-------------------|----------------------------|--------------|-------------------|--------|-----------|-------|----------|---------------------|
| | | | 합계 | 카타르 | 인도네시아 | 오만 | 말레이시아 | 기타 ² |
| | No. of cargos ¹ | Import value | Total | Qatar | Indonesia | Oman | Malaysia | Others ² |
| | unit | million US\$ | 1,000 ton | | | | | |
| 1990 | 41 | 460 | 2,237 | 0 | 2,237 | 0 | 0 | - |
| 1995 | 125 | 1,275 | 6,756 | 0 | 4,892 | 0 | 1,040 | 824 |
| 1996 | 168 | 1,878 | 9,258 | 0 | 5,975 | 0 | 2,573 | 710 |
| 1997 | 205 | 2,296 | 11,471 | 0 | 6,730 | 0 | 3,928 | 813 |
| 1998 | 188 | 1,549 | 10,189 | 0 | 6,736 | 0 | 2,851 | 602 |
| 1999 | 227 | 1,973 | 12,284 | 480 | 7,943 | 0 | 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 | 380 | 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 | 435 | 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 | 590 | 30,645 | 39,876 | 13,354 | 5,627 | 4,331 | 4,314 | 12,250 |
| 2014 | 538 | 31,403 | 37,107 | 12,853 | 5,176 | 3,726 | 3,673 | 11,678 |
| 2015 | 454 | 18,779 | 33,366 | 12,442 | 3,776 | 3,990 | 3,698 | 9,459 |
| 2016 | 461 | 12,170 | 33,453 | 11,880 | 4,362 | 4,081 | 3,813 | 9,317 |
| 2017 | 487 | 15,616 | 37,537 | 11,554 | 3,542 | 4,231 | 3,749 | 14,461 |
| 2018 | 545 | 23,189 | 44,015 | 14,245 | 3,447 | 4,282 | 3,702 | 18,339 |
| 2019 ^p | 636 | 20,567 | 40,748 | 11,311 | 2,336 | 3,946 | 4,802 | 18,354 |
| 2018 | 2 | 57 | 2,353 | 4,549 | 1,482 | 315 | 417 | 2,107 |
| | 3 | 59 | 2,094 | 4,287 | 1,234 | 309 | 358 | 2,031 |
| | 4 | 41 | 1,554 | 3,207 | 972 | 313 | 359 | 1,209 |
| | 5 | 34 | 1,415 | 2,774 | 876 | 316 | 241 | 1,160 |
| | 6 | 42 | 1,907 | 3,741 | 1,146 | 367 | 359 | 1,569 |
| | 7 | 34 | 1,423 | 2,739 | 1,005 | 266 | 303 | 1,051 |
| | 8 | 29 | 1,541 | 2,895 | 935 | 379 | 359 | 1,041 |
| | 9 | 46 | 1,865 | 3,319 | 1,087 | 375 | 371 | 1,245 |
| | 10 | 42 | 2,189 | 3,775 | 1,149 | 254 | 358 | 1,641 |
| | 11 | 46 | 2,278 | 3,899 | 1,092 | 121 | 358 | 1,800 |
| | 12 | 60 | 2,701 | 4,704 | 1,640 | 185 | 378 | 2,007 |
| | 2019 ^p | 1 | 53 | 2,240 | 3,816 | 1,165 | 111 | 362 |
| 2 | | 53 | 2,323 | 3,781 | 1,684 | 119 | 419 | 1,146 |
| 3 | | 53 | 1,560 | 2,769 | 759 | 119 | 302 | 1,174 |
| 4 | | 53 | 1,612 | 3,345 | 981 | 303 | 362 | 1,347 |
| 5 | | 53 | 1,427 | 2,964 | 822 | 238 | 362 | 1,360 |
| 6 | | 53 | 1,515 | 3,221 | 816 | 246 | 368 | 1,365 |
| 7 | | 53 | 1,474 | 3,019 | 1,003 | 236 | 364 | 1,120 |
| 8 | | 53 | 1,720 | 3,589 | 1,044 | 182 | 213 | 1,918 |
| 9 | | 53 | 1,266 | 2,483 | 706 | 184 | 180 | 1,122 |
| 10 | | 53 | 1,530 | 3,194 | 470 | 183 | 291 | 1,573 |
| 11 | | 53 | 1,723 | 3,791 | 729 | 240 | 299 | 2,093 |
| 12 | | 53 | 2,175 | 4,776 | 1,133 | 176 | 425 | 2,447 |
| 2020 ^p | 1 | 56 | 2,240 | 4,148 | 1,165 | 111 | 362 | 2,021 |
| | 2 | 56 | 2,110 | 4,721 | 1,045 | 357 | 411 | 2,344 |
| 2019 ^p | 1-2 | 106 | 4,563 | 7,597 | 2,849 | 231 | 781 | 2,834 |
| 2020 ^p | 1-2 | 112 | 4,350 | 8,870 | 2,210 | 468 | 773 | 4,365 |

1. 1카고는 58,000톤

2. 호주, 미국, 러시아, 나이지리아, 예멘, 브루나이 등

자료: 한국가스공사, 한국무역협회 등

1. 1 cargo is 58,000 tons.

2. Australia, US, Russia, Nigeria, Yemen, Brunei etc.

Source: Korea Gas Corporation, Korea International Trade Association etc.

4.2 천연가스 생산 및 소비

Natural gas production and consumption

| 구 분 | 국내생산 Domestic production | 소비 Consumption | | | | | 재고 Stock | |
|-------------------|-----------------------------|---------------------------------------|------------------------|--------------------------|------------------|-------------------------------|-------------|-------|
| | | 합계 ¹ Total ¹ | 발전 Power generation | 지역난방 District heating | 도시가스 City gas | 자체소비 및 손실 Own use and loss | | |
| | 1,000 ton | | | | | | | |
| 1990 | - | 2,329 | 1,741 | - | 576 | 12 | 46 | |
| 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 | - | 17,766 | 5,900 | 609 | 11,194 | 63 | 426 | |
| 2003 | - | 18,610 | 5,853 | 615 | 11,978 | 165 | 1,063 | |
| 2004 | 163 | 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 | 355 | 40,278 | 18,021 | 2,108 | 19,596 | 195 | 2,237 | |
| 2014 | 247 | 36,636 | 16,305 | 1,654 | 18,180 | 144 | 3,182 | |
| 2015 | 144 | 33,446 | 14,570 | 1,538 | 16,929 | 73 | 3,034 | |
| 2016 | 118 | 34,906 | 15,507 | 1,556 | 17,384 | 74 | 1,695 | |
| 2017 | 261 | 36,398 | 15,594 | 1,684 | 18,390 | 122 | 2,308 | |
| 2018 | 234 | 42,285 | 18,945 | 2,255 | 19,813 | 150 | 4,389 | |
| 2019 ^p | 184 | 40,942 | 18,440 | 1,902 | 18,822 | 94 | 3,949 | |
| 2018 | 2 | 21 | 4,355 | 1,441 | 278 | 2,539 | 42 | 1,062 |
| | 3 | 22 | 3,973 | 1,736 | 222 | 1,941 | 14 | 1,772 |
| | 4 | 22 | 3,245 | 1,616 | 172 | 1,392 | 6 | 1,684 |
| | 5 | 23 | 2,895 | 1,516 | 152 | 1,142 | 3 | 1,775 |
| | 6 | 22 | 2,761 | 1,563 | 107 | 992 | 3 | 2,511 |
| | 7 | 19 | 2,908 | 1,659 | 145 | 987 | 4 | 2,725 |
| | 8 | 22 | 2,874 | 1,681 | 143 | 929 | 4 | 2,420 |
| | 9 | 19 | 2,285 | 1,152 | 74 | 947 | 5 | 3,869 |
| | 10 | 7 | 3,080 | 1,455 | 138 | 1,363 | 6 | 4,298 |
| | 11 | 16 | 3,654 | 1,450 | 241 | 1,832 | 6 | 4,338 |
| | 12 | 18 | 4,886 | 1,753 | 266 | 2,720 | 20 | 4,343 |
| | 2019 ^p | 1 | 6 | 5,039 | 1,829 | 260 | 2,796 | 23 |
| 2 | | 17 | 4,089 | 1,469 | 212 | 2,261 | 20 | 2,578 |
| 3 | | 19 | 3,817 | 1,529 | 204 | 1,959 | 8 | 2,063 |
| 4 | | 21 | 3,318 | 1,503 | 126 | 1,548 | 3 | 2,059 |
| 5 | | 21 | 2,723 | 1,363 | 106 | 1,130 | 4 | 2,301 |
| 6 | | 20 | 2,434 | 1,226 | 86 | 984 | 1 | 3,151 |
| 7 | | 19 | 2,835 | 1,603 | 116 | 957 | 3 | 3,396 |
| 8 | | 19 | 2,824 | 1,657 | 118 | 889 | 5 | 3,987 |
| 9 | | 11 | 2,432 | 1,294 | 96 | 891 | 4 | 4,223 |
| 10 | | 5 | 2,760 | 1,320 | 136 | 1,149 | 6 | 4,420 |
| 11 | | 11 | 3,719 | 1,608 | 196 | 1,770 | 5 | 4,613 |
| 12 | | 15 | 4,953 | 2,039 | 246 | 2,488 | 12 | 3,949 |
| 2020 ^p | 1 | 18 | 4,916 | 1,943 | 237 | 2,506 | 15 | 3,479 |
| | 2 | 16 | 4,392 | 1,717 | 207 | 2,238 | 13 | 3,577 |
| 2019 ^p | 1-2 | 23 | 9,128 | 3,299 | 472 | 5,057 | 43 | 2,578 |
| 2020 ^p | 1-2 | 34 | 9,309 | 3,660 | 444 | 4,744 | 27 | 3,577 |

1. 산업부문 소비 포함.

자료: 한국가스공사 등

1. Include industry consumption.

Source: Korea Gas Corporation etc.

4.3 도시가스 공급

City Gas supply and demand

| 구 분 | 원료 Raw materials | | | 생산 ¹ Production ¹ | 소비 Consumption | | | | | |
|-------------------|------------------|--------|------------------------|--|----------------|----------------------|-------------------|------------------|--------------|----|
| | 프로판 Propane | LNG | 합계 Total | | 산업 Industry | 수송 Transportation | 가정 Residential | 상업 Commercial | 공공 Public | |
| | 1,000 ton | | million m ³ | | | | | | | |
| 1990 | 207 | 707 | 968 | 963 | 223 | - | 433 | 307 | - | |
| 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 | 15,422 | 4,173 | 227 | 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 | 49 | 24,243 | 24,298 | 23,890 | 9,510 | 1,247 | 9,457 | 3,582 | 94 | |
| 2014 | 11 | 22,286 | 22,264 | 22,091 | 8,677 | 1,253 | 8,748 | 3,332 | 81 | |
| 2015 | 13 | 20,466 | 20,481 | 20,785 | 7,329 | 1,235 | 8,813 | 3,326 | 82 | |
| 2016 | 30 | 21,643 | 21,770 | 21,271 | 7,226 | 1,217 | 9,249 | 3,494 | 84 | |
| 2017 | 18 | 22,895 | 23,327 | 22,603 | 7,784 | 1,218 | 9,950 | 3,576 | 74 | |
| 2018 | 19 | 24,667 | 25,177 | 24,275 | 8,773 | 1,203 | 10,593 | 3,608 | 96 | |
| 2019 ^p | 20 | 23,434 | 23,920 | 23,272 | 8,302 | 1,178 | 10,188 | 3,529 | 76 | |
| | | | | | | | | | | |
| 2018 | 2 | 3 | 3,161 | 3,227 | 3,237 | 777 | 89 | 1,911 | 446 | 13 |
| | 3 | 2 | 2,417 | 2,467 | 2,556 | 754 | 100 | 1,360 | 318 | 24 |
| | 4 | 2 | 1,733 | 1,769 | 1,877 | 697 | 98 | 830 | 246 | 5 |
| | 5 | 1 | 1,421 | 1,451 | 1,513 | 682 | 101 | 517 | 210 | 3 |
| | 6 | 1 | 1,235 | 1,261 | 1,293 | 659 | 101 | 311 | 219 | 3 |
| | 7 | 1 | 1,228 | 1,254 | 1,252 | 655 | 107 | 232 | 254 | 4 |
| | 8 | 1 | 1,157 | 1,181 | 1,171 | 631 | 107 | 167 | 262 | 4 |
| | 9 | 1 | 1,179 | 1,203 | 1,153 | 629 | 98 | 214 | 209 | 4 |
| | 10 | 1 | 1,697 | 1,732 | 1,543 | 730 | 101 | 496 | 213 | 3 |
| | 11 | 1 | 2,280 | 2,327 | 2,128 | 781 | 99 | 956 | 286 | 6 |
| | 12 | 3 | 3,387 | 3,457 | 3,006 | 867 | 102 | 1,594 | 432 | 12 |
| | | | | | | | | | | |
| 2019 ^p | 1 | 3 | 3,481 | 3,554 | 3,381 | 856 | 98 | 1,940 | 473 | 14 |
| | 2 | 2 | 2,815 | 2,873 | 2,888 | 705 | 86 | 1,689 | 396 | 11 |
| | 3 | 2 | 2,439 | 2,489 | 2,489 | 773 | 98 | 1,284 | 326 | 8 |
| | 4 | 1 | 1,927 | 1,967 | 2,075 | 751 | 97 | 948 | 273 | 5 |
| | 5 | 1 | 1,407 | 1,436 | 1,535 | 691 | 101 | 520 | 220 | 3 |
| | 6 | 1 | 1,226 | 1,251 | 1,274 | 645 | 100 | 307 | 219 | 3 |
| | 7 | 1 | 1,191 | 1,216 | 1,209 | 615 | 105 | 237 | 249 | 4 |
| | 8 | 1 | 1,107 | 1,130 | 1,125 | 560 | 101 | 204 | 254 | 5 |
| | 9 | 1 | 1,110 | 1,133 | 1,111 | 566 | 97 | 227 | 217 | 4 |
| | 10 | 1 | 1,430 | 1,460 | 1,354 | 649 | 99 | 395 | 209 | 3 |
| | 11 | 2 | 2,204 | 2,249 | 1,992 | 717 | 97 | 886 | 286 | 5 |
| | 12 | 3 | 3,097 | 3,161 | 2,839 | 774 | 100 | 1,549 | 406 | 11 |
| | | | | | | | | | | |
| 2020 ^p | 1 | 3 | 3,120 | 3,185 | 3,078 | 757 | 93 | 1,799 | 418 | 11 |
| | 2 | 2 | 2,786 | 2,844 | 2,848 | 721 | 89 | 1,652 | 376 | 10 |
| | | | | | | | | | | |
| 2019 ^p | 1-2 | 5 | 6,296 | 6,427 | 6,269 | 1,560 | 184 | 3,630 | 869 | 25 |
| 2020 ^p | 1-2 | 5 | 5,907 | 6,030 | 5,926 | 1,478 | 182 | 3,451 | 794 | 21 |

1. 1990, 1991년은 납사 포함.
자료: 한국도시가스협회

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

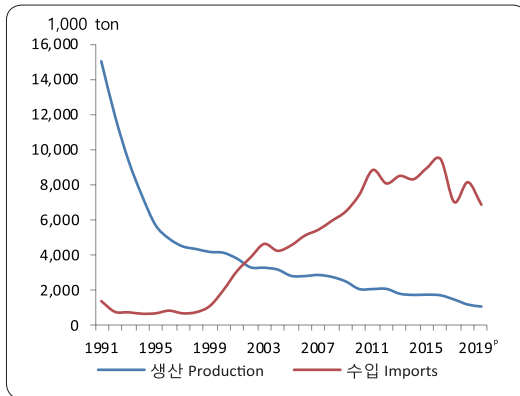
5. 석 탄

Coal

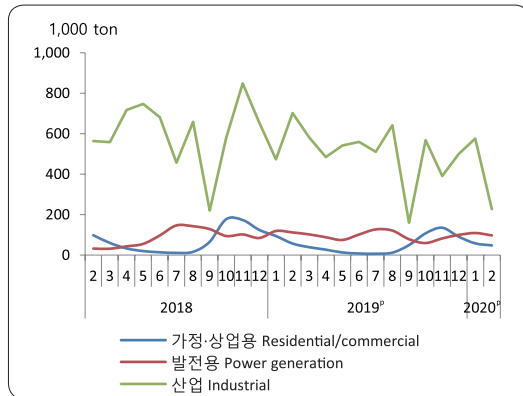


□ 무연탄 수급 Anthracite supply and demand

<1991~2019^p>

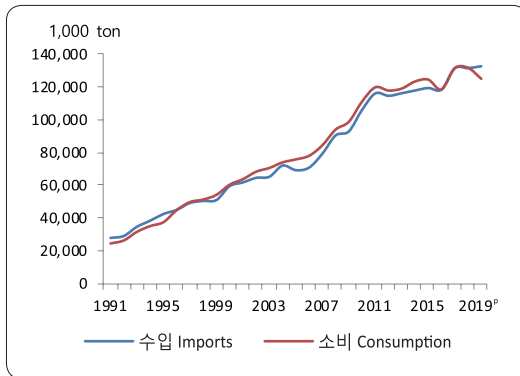


<월별 Monthly>

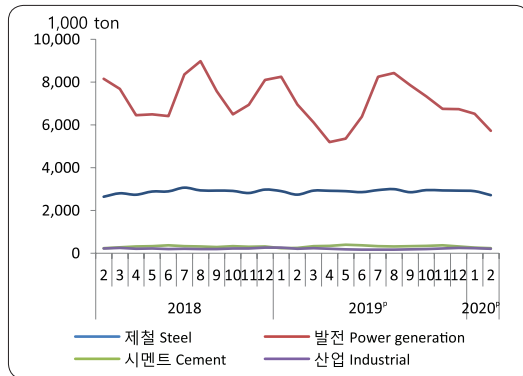


□ 유연탄 수급 Bituminous coal supply and demand

<1991~2019^p>

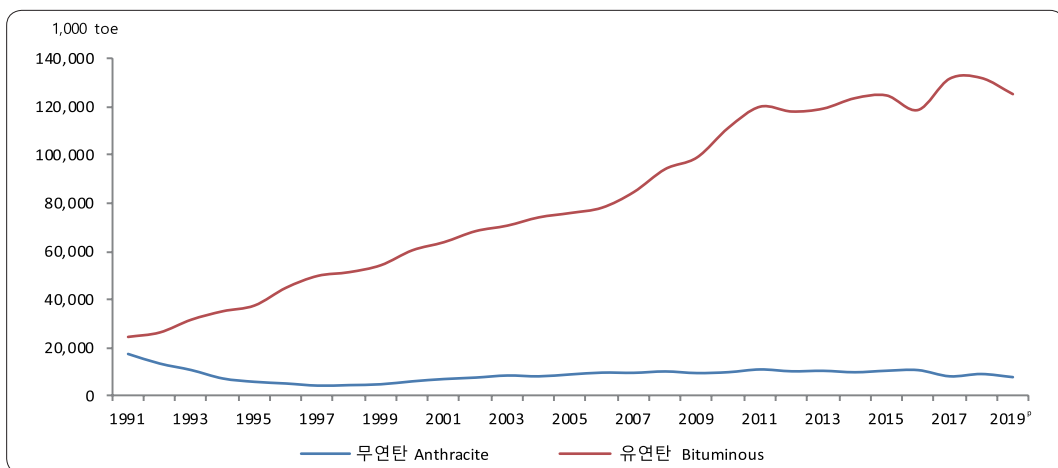


<월별 Monthly>



□ 석탄 소비 Coal consumption

<1991~2019^p>



5.1 무연탄 수급

Anthracite supply and demand

| 구 분 | | 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 | 1,072 | 21,091 | 19,802 | 1,289 | 6,514 | 1,499 |
| 1995 | | 5,720 | 723 | 5,999 | 5,367 | 632 | 7,422 | 1,070 |
| 1996 | | 4,951 | 875 | 5,312 | 4,406 | 906 | 7,898 | 1,039 |
| 1997 | | 4,512 | 722 | 4,444 | 3,659 | 785 | 8,744 | 976 |
| 1998 | | 4,361 | 789 | 4,650 | 3,812 | 838 | 9,342 | 927 |
| 1999 | | 4,197 | 1,139 | 4,995 | 3,803 | 1,192 | 9,863 | 874 |
| 2000 | | 4,150 | 2,038 | 6,200 | 4,159 | 2,041 | 9,903 | 871 |
| 2001 | | 3,817 | 3,110 | 7,141 | 4,027 | 3,114 | 9,709 | 867 |
| 2002 | | 3,318 | 3,879 | 7,735 | 3,808 | 3,927 | 9,282 | 819 |
| 2003 | | 3,298 | 4,640 | 8,584 | 3,924 | 4,660 | 8,728 | 799 |
| 2004 | | 3,191 | 4,251 | 8,249 | 3,871 | 4,378 | 8,222 | 672 |
| 2005 | | 2,832 | 4,567 | 9,037 | 4,347 | 4,690 | 6,839 | 549 |
| 2006 | | 2,824 | 5,113 | 9,769 | 4,596 | 5,173 | 5,062 | 489 |
| 2007 | | 2,886 | 5,444 | 9,690 | 4,035 | 5,655 | 3,953 | 278 |
| 2008 | | 2,773 | 5,955 | 10,247 | 4,134 | 6,113 | 2,677 | 120 |
| 2009 | | 2,519 | 6,468 | 9,585 | 3,114 | 6,472 | 2,122 | 116 |
| 2010 | | 2,084 | 7,406 | 9,956 | 2,508 | 7,448 | 1,779 | 74 |
| 2011 | | 2,084 | 8,816 | 11,072 | 2,239 | 8,833 | 1,663 | 57 |
| 2012 | | 2,094 | 8,055 | 10,315 | 2,288 | 8,027 | 1,702 | 85 |
| 2013 | | 1,815 | 8,482 | 10,506 | 2,054 | 8,452 | 1,342 | 115 |
| 2014 | | 1,748 | 8,294 | 9,925 | 1,642 | 8,283 | 1,484 | 126 |
| 2015 | | 1,764 | 8,938 | 10,539 | 1,541 | 8,997 | 1,731 | 67 |
| 2016 | | 1,726 | 9,424 | 10,801 | 1,373 | 9,428 | 2,088 | 63 |
| 2017 | | 1,485 | 7,003 | 8,260 | 1,244 | 7,016 | 2,391 | 50 |
| 2018 | | 1,200 | 8,126 | 9,197 | 1,099 | 8,098 | 2,511 | 78 |
| 2019 ^p | | 1,086 | 6,858 | 7,918 | 1,003 | 6,915 | 2,628 | 21 |
| 2018 | 2 | 98 | 584 | 693 | 104 | 589 | 2,382 | 45 |
| | 3 | 118 | 586 | 649 | 67 | 582 | 2,439 | 49 |
| | 4 | 118 | 736 | 792 | 54 | 738 | 2,516 | 47 |
| | 5 | 112 | 782 | 822 | 39 | 783 | 2,591 | 46 |
| | 6 | 114 | 755 | 792 | 36 | 756 | 2,671 | 45 |
| | 7 | 89 | 582 | 614 | 41 | 573 | 2,714 | 54 |
| | 8 | 89 | 786 | 817 | 40 | 777 | 2,753 | 63 |
| | 9 | 77 | 325 | 414 | 87 | 327 | 2,752 | 61 |
| | 10 | 86 | 654 | 849 | 186 | 663 | 2,657 | 52 |
| | 11 | 96 | 940 | 1,124 | 184 | 940 | 2,575 | 52 |
| | 12 | 78 | 758 | 862 | 130 | 732 | 2,511 | 78 |
| | 2019 ^p | 1 | 100 | 538 | 687 | 119 | 568 | 2,508 |
| 2 | | 81 | 782 | 871 | 89 | 782 | 2,508 | 48 |
| 3 | | 90 | 643 | 722 | 77 | 645 | 2,500 | 46 |
| 4 | | 104 | 537 | 599 | 56 | 543 | 2,568 | 40 |
| 5 | | 92 | 607 | 630 | 22 | 608 | 2,629 | 39 |
| 6 | | 85 | 612 | 669 | 56 | 613 | 2,679 | 38 |
| 7 | | 86 | 604 | 644 | 39 | 605 | 2,722 | 37 |
| 8 | | 85 | 728 | 775 | 46 | 729 | 2,759 | 36 |
| 9 | | 89 | 206 | 288 | 80 | 208 | 2,773 | 34 |
| 10 | | 87 | 594 | 734 | 136 | 598 | 2,709 | 30 |
| 11 | | 97 | 440 | 608 | 163 | 445 | 2,656 | 25 |
| 12 | | 90 | 568 | 692 | 120 | 572 | 2,628 | 21 |
| 2020 ^p | 1 | 80 | 653 | 744 | 88 | 656 | 2,606 | 18 |
| | 2 | 90 | 291 | 372 | 79 | 293 | 2,613 | 16 |
| 2019 ^p | 1-2 | 181 | 1,320 | 1,558 | 208 | 1,350 | 2,508 | 48 |
| 2020 ^p | 1-2 | 170 | 943 | 1,115 | 167 | 948 | 2,613 | 16 |

자료: 대한석탄협회, 산업통상자원부

Source: Korea Coal Association, Ministry of Trade, Industry & Energy

5.2 부문별 무연탄 소비

Anthracite consumption by sector

| 구 분 | 가정·상업 Residential/Commercial | | | 발전 Power generation | | 산업용 Industrial | 기타 Others | 합계 Total | |
|-------------------|---------------------------------|-------------|----------|------------------------|----------|-------------------|--------------|-------------|-------|
| | 국내탄 | 수입탄 | 소계 | 수입탄 | 소계 | | | | |
| | Domestic coal | Import coal | Subtotal | Import coal | Subtotal | | | | |
| | 1,000 ton | | | | | | | | |
| 1990 | 17,602 | 1,177 | 18,779 | - | 1,983 | 283 | 46 | 21,091 | |
| 1995 | 2,987 | 18 | 3,005 | 79 | 2,400 | 594 | - | 5,999 | |
| 1996 | 1,957 | 4 | 1,961 | 86 | 2,507 | 844 | - | 5,312 | |
| 1997 | 1,389 | - | 1,389 | 61 | 2,302 | 753 | - | 4,444 | |
| 1998 | 1,229 | - | 1,229 | 30 | 2,451 | 970 | - | 4,650 | |
| 1999 | 1,117 | - | 1,117 | 50 | 2,552 | 1,326 | - | 4,995 | |
| 2000 | 1,192 | - | 1,192 | - | 2,850 | 2,158 | - | 6,200 | |
| 2001 | 1,230 | - | 1,230 | - | 2,689 | 3,221 | - | 7,141 | |
| 2002 | 1,175 | - | 1,175 | - | 2,558 | 4,002 | - | 7,735 | |
| 2003 | 1,174 | 17 | 1,191 | - | 2,710 | 4,683 | - | 8,584 | |
| 2004 | 1,370 | 15 | 1,385 | - | 2,356 | 4,508 | - | 8,249 | |
| 2005 | 1,959 | 51 | 2,010 | - | 2,354 | 4,673 | - | 9,037 | |
| 2006 | 2,224 | 103 | 2,327 | - | 2,356 | 5,086 | - | 9,769 | |
| 2007 | 1,872 | 219 | 2,091 | 294 | 2,450 | 5,149 | - | 9,690 | |
| 2008 | 2,163 | 126 | 2,289 | 579 | 2,539 | 5,419 | - | 10,247 | |
| 2009 | 1,746 | 195 | 1,941 | 1,330 | 2,690 | 4,954 | - | 9,585 | |
| 2010 | 1,669 | 190 | 1,859 | 1,565 | 2,404 | 5,693 | - | 9,956 | |
| 2011 | 1,696 | 126 | 1,822 | 1,116 | 1,659 | 7,592 | - | 11,072 | |
| 2012 | 1,697 | 136 | 1,833 | 1,206 | 1,797 | 6,685 | - | 10,315 | |
| 2013 | 1,731 | 186 | 1,917 | 1,406 | 1,729 | 6,861 | - | 10,506 | |
| 2014 | 1,392 | 237 | 1,629 | 1,794 | 2,044 | 6,251 | - | 9,925 | |
| 2015 | 1,296 | 177 | 1,473 | 1,880 | 2,125 | 6,940 | - | 10,539 | |
| 2016 | 1,133 | 122 | 1,255 | 2,288 | 2,528 | 7,017 | - | 10,801 | |
| 2017 | 1,009 | 70 | 1,079 | 844 | 1,079 | 6,103 | - | 8,260 | |
| 2018 | 869 | 41 | 910 | 762 | 992 | 7,295 | - | 9,197 | |
| 2019 ^p | 603 | 36 | 639 | 765 | 1,165 | 6,115 | - | 7,918 | |
| 2018 | 2 | 93 | 5 | 98 | 21 | 32 | 563 | - | 693 |
| | 3 | 56 | 4 | 60 | 20 | 31 | 559 | - | 649 |
| | 4 | 31 | 2 | 33 | 20 | 43 | 717 | - | 792 |
| | 5 | 19 | 1 | 20 | 35 | 55 | 747 | - | 822 |
| | 6 | 13 | 1 | 14 | 74 | 97 | 681 | - | 792 |
| | 7 | 10 | 1 | 11 | 116 | 147 | 456 | - | 614 |
| | 8 | 15 | 1 | 16 | 118 | 143 | 659 | - | 817 |
| | 9 | 63 | 2 | 65 | 105 | 129 | 220 | - | 414 |
| | 10 | 169 | 8 | 177 | 77 | 94 | 578 | - | 849 |
| | 11 | 167 | 6 | 173 | 85 | 102 | 849 | - | 1,124 |
| | 12 | 120 | 4 | 124 | 74 | 84 | 654 | - | 862 |
| | 2019 ^p | 1 | 89 | 5 | 94 | 89 | 119 | 474 | - |
| 2 | | 54 | 3 | 57 | 77 | 112 | 702 | - | 871 |
| 3 | | 36 | 3 | 39 | 61 | 102 | 581 | - | 722 |
| 4 | | 21 | 6 | 27 | 53 | 88 | 484 | - | 599 |
| 5 | | 12 | 1 | 13 | 65 | 75 | 542 | - | 630 |
| 6 | | 7 | 1 | 8 | 53 | 102 | 559 | - | 669 |
| 7 | | 6 | 1 | 7 | 94 | 127 | 510 | - | 644 |
| 8 | | 11 | 1 | 12 | 87 | 122 | 641 | - | 775 |
| 9 | | 47 | 2 | 49 | 46 | 79 | 160 | - | 288 |
| 10 | | 103 | 4 | 107 | 26 | 59 | 568 | - | 734 |
| 11 | | 130 | 5 | 135 | 49 | 82 | 391 | - | 608 |
| 12 | | 87 | 4 | 91 | 67 | 100 | 501 | - | 692 |
| 2020 ^p | 1 | 55 | 3 | 58 | 76 | 109 | 577 | - | 744 |
| | 2 | 46 | 2 | 48 | 64 | 97 | 226 | - | 372 |
| 2019 ^p | 1-2 | 143 | 8 | 151 | 166 | 231 | 1,176 | - | 1,558 |
| 2020 ^p | 1-2 | 101 | 5 | 106 | 140 | 206 | 803 | - | 1,115 |

자료: 대한석탄협회, 산업통상자원부

Source: Korea Coal Association, Ministry of Trade, Industry & Energy

5.3 유연탄 수급

Bituminous coal supply and demand

| 구 분 | 수입 Import | | | 소비 Consumption | | |
|-------------------|--------------|--------------------|---------------------|-------------------|--------------------|---------------------|
| | 합계 Total | 원료탄 Coking coal | 연료탄 Thermal coal | 합계 Total | 원료탄 Coking coal | 연료탄 Thermal coal |
| | 1,000 ton | | | | | |
| 1990 | 22,844 | 11,285 | 11,559 | 21,878 | 11,739 | 10,139 |
| 1995 | 42,601 | 17,784 | 24,817 | 37,426 | 16,372 | 21,054 |
| 1996 | 45,136 | 17,408 | 27,728 | 44,809 | 17,303 | 27,506 |
| 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 | 60,346 | 19,415 | 40,931 |
| 2001 | 61,856 | 17,899 | 43,957 | 63,703 | 19,315 | 44,388 |
| 2002 | 64,640 | 17,660 | 46,980 | 68,274 | 20,097 | 48,177 |
| 2003 | 65,318 | 17,676 | 47,642 | 70,549 | 20,509 | 50,041 |
| 2004 | 72,103 | 18,954 | 53,149 | 73,984 | 20,839 | 53,145 |
| 2005 | 69,330 | 16,975 | 52,355 | 75,796 | 20,810 | 54,986 |
| 2006 | 70,888 | 16,466 | 54,422 | 78,001 | 20,731 | 57,270 |
| 2007 | 79,355 | 18,385 | 60,970 | 84,438 | 21,519 | 62,919 |
| 2008 | 90,470 | 20,912 | 69,558 | 94,013 | 23,568 | 70,445 |
| 2009 | 92,952 | 19,553 | 73,399 | 98,789 | 20,734 | 78,055 |
| 2010 | 106,096 | 24,328 | 81,768 | 111,162 | 27,210 | 83,952 |
| 2011 | 116,118 | 26,157 | 89,961 | 119,870 | 31,762 | 88,108 |
| 2012 | 114,645 | 25,857 | 88,788 | 117,872 | 31,487 | 86,385 |
| 2013 | 116,220 | 31,361 | 84,859 | 119,078 | 32,053 | 87,025 |
| 2014 | 117,873 | 35,198 | 82,675 | 123,399 | 37,611 | 85,788 |
| 2015 | 119,392 | 34,148 | 85,244 | 124,547 | 36,753 | 87,794 |
| 2016 | 118,468 | 33,030 | 85,438 | 118,509 | 33,460 | 85,049 |
| 2017 | 131,464 | 36,442 | 95,022 | 131,490 | 36,290 | 95,200 |
| 2018 | 131,520 | 34,247 | 97,273 | 131,779 | 34,619 | 97,160 |
| 2019 ^p | 132,667 | 34,933 | 97,734 | 125,077 | 34,952 | 90,125 |
| 2018 | 2 | 10,383 | 2,646 | 7,737 | 11,275 | 2,650 |
| | 3 | 11,461 | 3,131 | 8,330 | 11,027 | 2,810 |
| | 4 | 12,258 | 2,827 | 9,431 | 9,742 | 2,744 |
| | 5 | 9,946 | 2,852 | 7,094 | 9,953 | 2,892 |
| | 6 | 10,202 | 2,410 | 7,792 | 9,886 | 2,899 |
| | 7 | 10,800 | 2,975 | 7,825 | 11,981 | 3,073 |
| | 8 | 11,031 | 2,648 | 8,383 | 12,455 | 2,945 |
| | 9 | 11,642 | 2,943 | 8,699 | 11,008 | 2,936 |
| | 10 | 10,147 | 3,389 | 6,758 | 9,978 | 2,921 |
| | 11 | 11,672 | 2,393 | 9,279 | 10,310 | 2,824 |
| | 12 | 10,378 | 3,055 | 7,323 | 11,672 | 2,983 |
| | | | | | | |
| 2019 ^p | 1 | 12,910 | 2,834 | 10,076 | 11,665 | 2,911 |
| | 2 | 10,714 | 2,396 | 8,318 | 10,175 | 2,748 |
| | 3 | 8,125 | 3,344 | 4,781 | 9,638 | 2,934 |
| | 4 | 10,089 | 3,006 | 7,083 | 8,685 | 2,927 |
| | 5 | 10,580 | 3,350 | 7,230 | 8,865 | 2,909 |
| | 6 | 9,445 | 2,778 | 6,667 | 9,801 | 2,865 |
| | 7 | 12,047 | 2,806 | 9,241 | 11,709 | 2,959 |
| | 8 | 12,643 | 3,377 | 9,266 | 11,924 | 3,003 |
| | 9 | 11,035 | 2,351 | 8,684 | 11,229 | 2,861 |
| | 10 | 12,392 | 2,957 | 9,435 | 10,855 | 2,959 |
| | 11 | 11,074 | 3,178 | 7,896 | 10,289 | 2,943 |
| | 12 | 11,613 | 2,556 | 9,057 | 10,243 | 2,933 |
| | | | | | | |
| 2020 ^p | 1 | 10,305 | 3,079 | 7,226 | 9,933 | 2,908 |
| | 2 | 8,384 | 2,438 | 5,946 | 8,906 | 2,723 |
| | | | | | | |
| 2019 ^p | 1-2 | 23,624 | 5,230 | 18,394 | 21,841 | 5,659 |
| 2020 ^p | 1-2 | 18,689 | 5,517 | 13,172 | 18,840 | 5,631 |

자료 : 대한석탄협회, 산업통상자원부

Source: Korea Coal Association, Ministry of Trade, Industry & Energy

5.4 부문별 유연탄 소비

Bituminous coal consumption by sector

| 구 분 | | 합계 Total | 제철 Steel | 발전 Power generation | 시멘트 Cement | 산업 Industrial |
|-------------------|-----|-------------|-------------|------------------------|---------------|------------------|
| 1,000 ton | | | | | | |
| 1990 | | 21,878 | 11,739 | 5,724 | 3,534 | 882 |
| 1995 | | 37,426 | 16,372 | 13,752 | 5,590 | 1,965 |
| 1996 | | 44,809 | 17,303 | 19,019 | 5,758 | 2,729 |
| 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 | | 60,346 | 19,415 | 33,305 | 5,308 | 2,319 |
| 2001 | | 63,703 | 19,315 | 36,601 | 5,475 | 2,312 |
| 2002 | | 68,274 | 20,097 | 40,143 | 5,669 | 2,365 |
| 2003 | | 70,549 | 20,509 | 41,631 | 6,060 | 2,349 |
| 2004 | | 73,984 | 20,839 | 45,512 | 5,309 | 2,324 |
| 2005 | | 75,796 | 20,810 | 47,852 | 4,807 | 2,327 |
| 2006 | | 78,001 | 20,731 | 50,199 | 4,738 | 2,333 |
| 2007 | | 84,438 | 21,519 | 55,487 | 5,051 | 2,381 |
| 2008 | | 94,013 | 23,568 | 62,791 | 5,236 | 2,418 |
| 2009 | | 98,789 | 20,734 | 71,091 | 4,463 | 2,501 |
| 2010 | | 111,162 | 27,210 | 76,674 | 4,564 | 2,714 |
| 2011 | | 119,870 | 31,762 | 80,393 | 5,046 | 2,669 |
| 2012 | | 117,872 | 31,487 | 79,136 | 4,625 | 2,624 |
| 2013 | | 119,078 | 32,053 | 79,692 | 4,647 | 2,686 |
| 2014 | | 123,399 | 37,611 | 78,227 | 4,916 | 2,645 |
| 2015 | | 124,547 | 36,753 | 80,354 | 4,650 | 2,790 |
| 2016 | | 118,509 | 33,460 | 77,761 | 4,591 | 2,696 |
| 2017 | | 131,490 | 36,290 | 88,309 | 4,175 | 2,716 |
| 2018 | | 131,779 | 34,619 | 90,764 | 3,709 | 2,687 |
| 2019 ^p | | 125,077 | 34,952 | 83,638 | 3,988 | 2,499 |
| 2018 | 2 | 11,275 | 2,650 | 8,159 | 237 | 228 |
| | 3 | 11,027 | 2,810 | 7,686 | 283 | 247 |
| | 4 | 9,742 | 2,744 | 6,463 | 320 | 216 |
| | 5 | 9,953 | 2,892 | 6,498 | 337 | 226 |
| | 6 | 9,886 | 2,899 | 6,413 | 374 | 200 |
| | 7 | 11,981 | 3,073 | 8,362 | 338 | 207 |
| | 8 | 12,455 | 2,945 | 8,990 | 317 | 204 |
| | 9 | 11,008 | 2,936 | 7,576 | 300 | 196 |
| | 10 | 9,978 | 2,921 | 6,502 | 330 | 226 |
| | 11 | 10,310 | 2,824 | 6,945 | 313 | 227 |
| | 12 | 11,672 | 2,983 | 8,110 | 316 | 263 |
| 2019 ^p | 1 | 11,665 | 2,911 | 8,256 | 237 | 261 |
| | 2 | 10,175 | 2,748 | 6,952 | 259 | 216 |
| | 3 | 9,638 | 2,934 | 6,123 | 336 | 245 |
| | 4 | 8,685 | 2,927 | 5,199 | 347 | 212 |
| | 5 | 8,865 | 2,909 | 5,358 | 406 | 192 |
| | 6 | 9,801 | 2,865 | 6,386 | 376 | 174 |
| | 7 | 11,709 | 2,959 | 8,247 | 335 | 168 |
| | 8 | 11,924 | 3,003 | 8,430 | 316 | 175 |
| | 9 | 11,229 | 2,861 | 7,856 | 330 | 182 |
| | 10 | 10,855 | 2,959 | 7,339 | 355 | 202 |
| | 11 | 10,289 | 2,943 | 6,749 | 374 | 223 |
| | 12 | 10,243 | 2,933 | 6,743 | 317 | 250 |
| 2020 ^p | 1 | 9,933 | 2,908 | 6,520 | 261 | 244 |
| | 2 | 8,906 | 2,723 | 5,728 | 238 | 217 |
| 2019 ^p | 1-2 | 21,841 | 5,659 | 15,208 | 496 | 478 |
| 2020 ^p | 1-2 | 18,840 | 5,631 | 12,248 | 499 | 462 |

자료 : 대한석탄협회, 산업통상자원부

Source : Korea Coal Association, Ministry of Trade, Industry & Energy

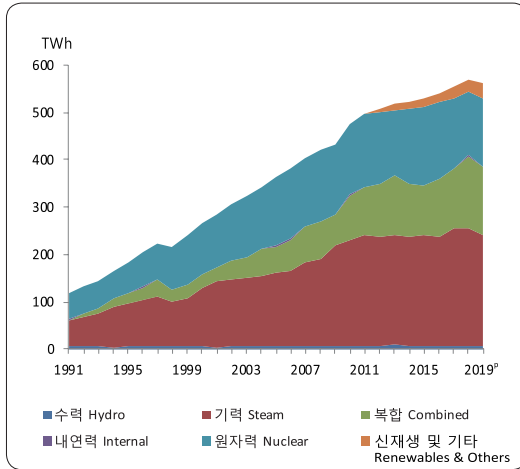
6. 전력 · 열

Electricity & Heat

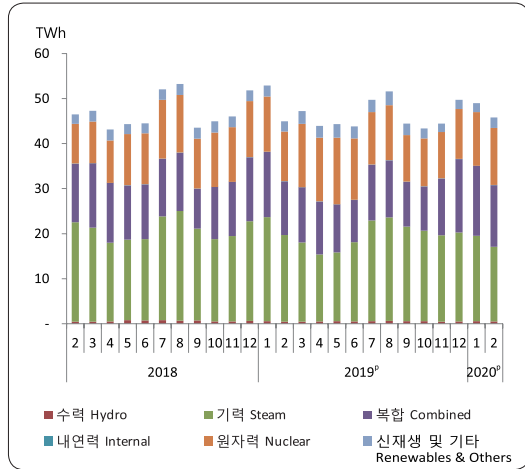


□ 발전 설비별 발전량 Power generation amount by Generating facilities

<1991~2019^p>

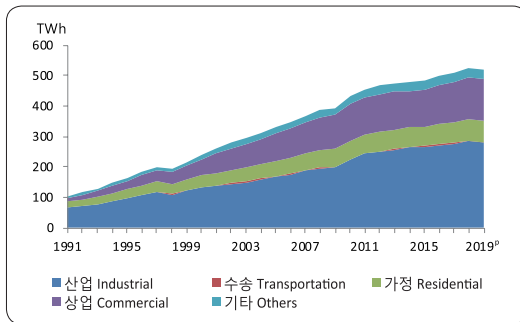


<월별 Monthly>

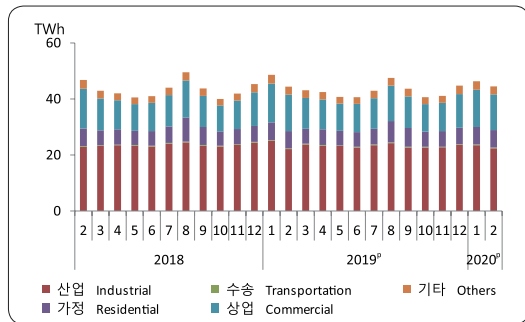


□ 부문별 전력 소비 Electricity consumption by sector

<1991~2019^p>

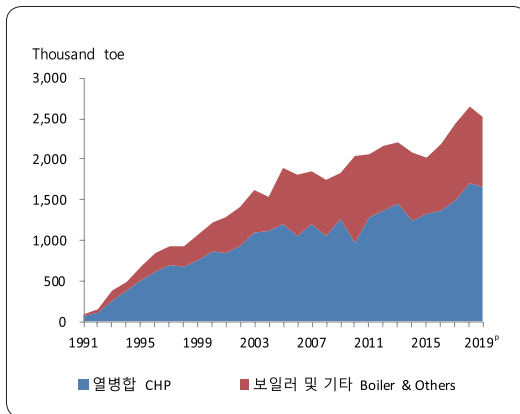


<월별 Monthly>

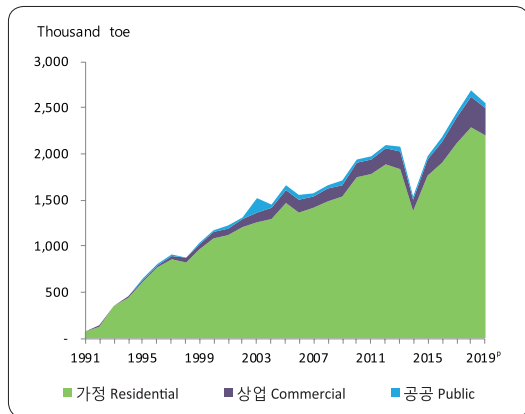


□ 지역난방 생산, 소비 District heating production, consumption

<1991~2019^p>



<1990~2018>



6.1 발전 현황

Power Generation

| 구 분 | | 총발전량 Total power generation amount | 설비용량 Power plant capacity | 공급능력 Supply capability | 최대전력 ¹ Peak load ¹ | 평균전력 Average load | 공급예비율 Supplied reserve ratio | 평균부하율 Average load factor |
|-------------------|-----|---------------------------------------|------------------------------|---------------------------|---|----------------------|---------------------------------|------------------------------|
| | | GWh | MW | | | % | | |
| 1990 | | 107,670 | 21,021 | 18,680 | 17,252 | 12,291 | 8.3 | 71.2 |
| 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 | | 403,125 | 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 | 73,470 | 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 |
| 2013 | | 517,148 | 82,296 | 80,713 | 76,522 | 59,035 | 5.5 | 77.1 |
| 2014 | | 521,971 | 93,216 | 89,357 | 80,154 | 59,586 | 11.5 | 74.3 |
| 2015 | | 528,091 | 94,102 | 87,926 | 78,790 | 60,284 | 11.6 | 76.5 |
| 2016 | | 540,441 | 100,180 | 92,400 | 85,183 | 61,694 | 8.5 | 72.4 |
| 2017 | | 553,530 | 116,657 | 96,095 | 85,133 | 63,188 | 12.9 | 74.2 |
| 2018 | | 570,647 | 117,205 | 99,570 | 92,478 | 69,919 | 7.7 | 75.6 |
| 2019 ^p | | 562,239 | 122,973 | 96,389 | 90,314 | 64,183 | 6.7 | 71.1 |
| 2018 | 2 | 46,472 | 116,428 | 101,148 | 88,238 | 69,155 | 14.6 | 78.4 |
| | 3 | 47,249 | 116,747 | 90,761 | 78,855 | 63,506 | 15.1 | 80.5 |
| | 4 | 43,155 | 116,747 | 84,634 | 70,520 | 59,938 | 20.0 | 85.0 |
| | 5 | 44,298 | 117,589 | 82,000 | 73,173 | 59,540 | 12.1 | 81.4 |
| | 6 | 44,494 | 117,111 | 87,256 | 76,606 | 61,797 | 13.9 | 80.7 |
| | 7 | 52,020 | 117,205 | 99,570 | 92,478 | 69,919 | 7.7 | 75.6 |
| | 8 | 53,235 | 117,840 | 100,250 | 91,548 | 71,552 | 9.5 | 78.2 |
| | 9 | 43,527 | 117,996 | 94,223 | 78,405 | 60,455 | 20.2 | 77.1 |
| | 10 | 44,927 | 117,996 | 84,796 | 70,329 | 60,386 | 20.6 | 85.6 |
| | 11 | 46,037 | 118,266 | 93,480 | 75,914 | 63,940 | 23.1 | 83.8 |
| | 12 | 51,837 | 119,092 | 100,841 | 86,083 | 69,674 | 17.1 | 80.5 |
| 2019 ^p | 1 | 52,904 | 119,092 | 100,827 | 85,392 | 71,107 | 18.1 | 83.3 |
| | 2 | 44,932 | 119,350 | 98,738 | 82,869 | 66,864 | 19.1 | 80.7 |
| | 3 | 47,209 | 119,350 | 90,422 | 74,136 | 63,453 | 22.0 | 85.6 |
| | 4 | 43,946 | 119,826 | 86,455 | 73,010 | 61,036 | 18.4 | 83.6 |
| | 5 | 44,334 | 119,826 | 86,270 | 70,964 | 59,589 | 21.6 | 84.0 |
| | 6 | 43,793 | 120,471 | 90,520 | 75,206 | 60,824 | 20.4 | 80.9 |
| | 7 | 49,711 | 121,147 | 95,593 | 84,164 | 66,815 | 13.6 | 79.4 |
| | 8 | 51,611 | 122,973 | 96,389 | 90,314 | 69,370 | 6.7 | 76.8 |
| | 9 | 44,417 | 122,973 | 96,032 | 79,916 | 61,691 | 20.2 | 77.2 |
| | 10 | 43,965 | 122,490 | 83,471 | 73,550 | 59,093 | 13.5 | 80.3 |
| | 11 | 45,127 | 124,392 | 87,377 | 74,393 | 62,677 | 17.5 | 84.3 |
| | 12 | 50,288 | 124,833 | 92,934 | 81,787 | 67,592 | 13.6 | 82.6 |
| 2020 ^p | 1 | 49,594 | 125,358 | 94,735 | 82,352 | 66,659 | 15.0 | 80.9 |
| | 2 | 46,425 | 125,358 | 97,069 | 81,493 | 66,703 | 19.1 | 81.9 |
| 2019 ^p | 1-2 | 97,836 | 119,092 | 100,827 | 85,392 | 69,093 | 18.1 | 80.9 |
| 2020 ^p | 1-2 | 96,019 | 125,358 | 94,735 | 82,352 | 66,680 | 15.0 | 81.0 |

1. 최대전력 발생시점 기준.

자료: 전력통계속보, 한국전력공사

1. Based on the time of maximum power.

Source: The monthly report on major electric power statistics, KEPCO

6.2 발전 설비 현황

Generating facilities

| 구 분 | | 합계 Total | 수력 Hydro | 기력 Steam | 복합 Combined | 내연력 Internal | 원자력 Nuclear | 신재생 Renewables | 기타 ¹ Others ¹ |
|-----------------------|----|-------------|-------------|-------------|----------------|-----------------|----------------|-------------------|--|
| | | MW | | | | | | | |
| 1990 | | 21,021 | 2,340 | 9,912 | 840 | 313 | 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 | 25,348 | 15,015 | 297 | 17,716 | - | - |
| 2006 | | 65,514 | 5,485 | 26,013 | 16,004 | 297 | 17,716 | - | - |
| 2007 | | 68,268 | 5,492 | 27,734 | 17,023 | 303 | 17,716 | - | - |
| 2008 | | 72,491 | 5,505 | 31,919 | 17,044 | 307 | 17,716 | - | - |
| 2009 | | 73,470 | 5,515 | 32,317 | 17,575 | 347 | 17,716 | - | - |
| 2010 | | 76,078 | 5,525 | 33,386 | 19,100 | 351 | 17,716 | - | - |
| 2011 | | 79,342 | 6,418 | 34,053 | 19,799 | 355 | 18,716 | - | - |
| 2012 | | 81,806 | 6,446 | 32,139 | 19,799 | 367 | 20,716 | 2,338 | - |
| 2013 | | 86,969 | 6,454 | 32,477 | 23,473 | 330 | 20,716 | 3,519 | - |
| 2014 | | 93,216 | 6,468 | 33,402 | 27,826 | 330 | 20,716 | 4,474 | - |
| 2015 | | 97,649 | 6,471 | 34,441 | 29,043 | 330 | 21,716 | 5,649 | - |
| 2016 | | 105,866 | 6,485 | 35,756 | 32,703 | 329 | 23,116 | 7,477 | - |
| 2017 | | 116,908 | 6,489 | 40,134 | 38,229 | 339 | 22,529 | 9,187 | - |
| 2018 | | 119,092 | 6,490 | 40,376 | 38,413 | 339 | 21,850 | 11,623 | - |
| 2019 ^p | | 125,338 | 6,508 | 40,019 | 40,019 | 341 | 23,250 | 14,250 | 912 |
| 2018 | | | | | | | | | |
| | 2 | 116,428 | 6,489 | 40,134 | 37,749 | 339 | 22,529 | 9,187 | - |
| | 3 | 116,747 | 6,490 | 40,131 | 37,749 | 339 | 22,529 | 9,509 | - |
| | 4 | 116,747 | 6,490 | 40,131 | 37,749 | 339 | 22,529 | 9,509 | - |
| | 5 | 117,790 | 6,490 | 40,299 | 38,227 | 339 | 22,529 | 9,906 | - |
| | 6 | 117,205 | 6,490 | 40,299 | 38,321 | 339 | 21,850 | 9,906 | - |
| | 7 | 117,477 | 6,490 | 40,392 | 38,319 | 339 | 21,850 | 10,086 | - |
| | 8 | 117,996 | 6,490 | 40,376 | 38,413 | 339 | 21,850 | 10,528 | - |
| | 9 | 117,996 | 6,490 | 40,376 | 38,413 | 339 | 21,850 | 10,528 | - |
| | 10 | 117,996 | 6,490 | 40,376 | 38,413 | 339 | 21,850 | 10,528 | - |
| | 11 | 118,266 | 6,490 | 40,376 | 38,413 | 339 | 21,850 | 10,797 | - |
| | 12 | 119,092 | 6,490 | 40,376 | 38,413 | 339 | 21,850 | 11,623 | - |
| 2019 ^p | | | | | | | | | |
| | 1 | 119,350 | 6,493 | 40,469 | 38,413 | 339 | 21,850 | 11,785 | - |
| | 2 | 119,350 | 6,493 | 40,469 | 38,413 | 339 | 21,850 | 11,785 | - |
| | 3 | 119,826 | 6,493 | 40,294 | 38,413 | 339 | 21,850 | 12,436 | - |
| | 4 | 119,826 | 6,493 | 40,294 | 38,413 | 339 | 21,850 | 12,436 | - |
| | 5 | 119,826 | 6,493 | 40,294 | 38,413 | 339 | 21,850 | 12,436 | - |
| | 6 | 121,147 | 6,496 | 40,219 | 38,787 | 339 | 21,850 | 13,456 | - |
| | 7 | 121,147 | 6,496 | 40,219 | 38,787 | 339 | 21,850 | 13,456 | - |
| | 8 | 122,973 | 6,496 | 40,119 | 38,787 | 339 | 23,250 | 13,982 | - |
| | 9 | 122,490 | 6,496 | 40,119 | 38,787 | 339 | 23,250 | 13,499 | - |
| | 10 | 124,023 | 6,496 | 40,119 | 39,629 | 339 | 23,250 | 13,338 | 852 |
| | 11 | 124,392 | 6,496 | 39,998 | 39,998 | 339 | 23,250 | 13,338 | 912 |
| | 12 | 125,338 | 6,508 | 40,019 | 40,019 | 341 | 23,250 | 14,250 | 912 |
| 2020 ^p | | | | | | | | | |
| | 1 | 125,358 | 6,503 | 40,109 | 40,039 | 176 | 23,250 | 14,369 | 912 |
| | 2 | 125,887 | 6,503 | 40,109 | 40,039 | 176 | 23,250 | 14,899 | 912 |
| 2019 ^p 1-2 | | 119,350 | 6,493 | 40,469 | 38,413 | 339 | 21,850 | 11,785 | - |
| 2020 ^p 1-2 | | 125,887 | 6,503 | 40,109 | 40,039 | 176 | 23,250 | 14,899 | 912 |

1. 기타: 증류탑폐열, 여열회수, 천연가스압터빈, 부생가스 등

자료: 전력통계속보, 한국전력공사

1. Others: waste heat in distillation tower, waste heat recovery, natural gas pressure turbine, by-product gas

Source : The monthly report on major electric power statistics, KEPSCO

6.3 발전 설비별 발전량

Power generation amount by generating facilities

| 구 분 | | 합계 Total | 수력 Hydro | 기력 Steam | 복합 Combined cycle | 내연력 Internal | 원자력 Nuclear | 신재생 Renewables | 기타 ¹ Others ¹ |
|-------------------|-----|-------------|-------------|-------------|----------------------|-----------------|----------------|-------------------|--|
| GWh | | | | | | | | | |
| 1990 | | 107,670 | 6,361 | 47,419 | - | 1,048 | 52,887 | - | - |
| 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 | - | - |
| 2005 | | 364,639 | 5,189 | 154,639 | 57,457 | 575 | 146,779 | - | - |
| 2006 | | 381,181 | 5,219 | 159,398 | 67,138 | 677 | 148,749 | - | - |
| 2007 | | 403,125 | 5,042 | 178,163 | 76,403 | 578 | 142,937 | - | - |
| 2008 | | 422,355 | 5,563 | 186,239 | 77,720 | 503 | 150,958 | 1,373 | - |
| 2009 | | 433,604 | 5,641 | 215,009 | 64,486 | 697 | 147,771 | - | - |
| 2010 | | 474,660 | 6,472 | 224,356 | 94,506 | 731 | 148,596 | - | - |
| 2011 | | 496,893 | 7,831 | 232,040 | 101,479 | 821 | 154,723 | - | - |
| 2012 | | 509,574 | 7,652 | 231,343 | 110,882 | 752 | 150,327 | 8,618 | - |
| 2013 | | 517,147 | 8,394 | 232,988 | 124,400 | 741 | 138,784 | 11,841 | - |
| 2014 | | 521,971 | 7,820 | 227,872 | 114,146 | 656 | 156,407 | 15,072 | - |
| 2015 | | 528,090 | 5,796 | 236,133 | 103,437 | 643 | 164,762 | 17,318 | - |
| 2016 | | 540,441 | 6,634 | 232,178 | 119,494 | 573 | 161,995 | 19,567 | - |
| 2017 | | 553,530 | 6,995 | 247,843 | 125,473 | 513 | 148,427 | 24,280 | - |
| 2018 | | 570,647 | 7,270 | 248,583 | 152,690 | 528 | 133,505 | 28,070 | - |
| 2019 ^p | | 562,239 | 6,234 | 233,103 | 144,160 | 549 | 145,910 | 30,438 | 1,845 |
| 2018 | 2 | 46,472 | 440 | 22,099 | 13,009 | 47 | 8,791 | 2,086 | - |
| | 3 | 47,249 | 463 | 20,894 | 14,256 | 40 | 9,243 | 2,352 | - |
| | 4 | 43,155 | 499 | 17,504 | 13,240 | 43 | 9,422 | 2,448 | - |
| | 5 | 44,298 | 791 | 17,860 | 12,029 | 54 | 11,368 | 2,196 | - |
| | 6 | 44,494 | 732 | 18,063 | 12,144 | 56 | 11,303 | 2,196 | - |
| | 7 | 52,020 | 809 | 23,032 | 12,747 | 55 | 13,052 | 2,325 | - |
| | 8 | 53,235 | 700 | 24,344 | 12,932 | 46 | 12,753 | 2,460 | - |
| | 9 | 43,527 | 713 | 20,417 | 8,847 | 39 | 11,074 | 2,437 | - |
| | 10 | 44,927 | 509 | 18,283 | 11,549 | 29 | 12,083 | 2,475 | - |
| | 11 | 46,037 | 531 | 18,909 | 12,034 | 35 | 12,158 | 2,370 | - |
| | 12 | 51,837 | 599 | 22,180 | 14,168 | 36 | 12,430 | 2,423 | - |
| 2019 ^p | 1 | 52,904 | 544 | 23,144 | 14,466 | 44 | 12,256 | 2,449 | - |
| | 2 | 44,932 | 471 | 19,200 | 11,946 | 41 | 11,034 | 2,241 | - |
| | 3 | 47,209 | 450 | 17,611 | 12,225 | 42 | 14,034 | 2,847 | - |
| | 4 | 43,946 | 529 | 14,824 | 11,764 | 47 | 14,150 | 2,633 | - |
| | 5 | 44,334 | 539 | 15,296 | 10,644 | 33 | 14,771 | 3,050 | - |
| | 6 | 43,793 | 480 | 17,621 | 9,388 | 44 | 13,583 | 2,678 | - |
| | 7 | 49,711 | 566 | 22,375 | 12,333 | 52 | 11,678 | 2,707 | - |
| | 8 | 51,611 | 599 | 23,026 | 12,649 | 54 | 12,197 | 3,087 | - |
| | 9 | 44,417 | 564 | 20,993 | 9,952 | 39 | 10,321 | 2,549 | - |
| | 10 | 43,965 | 542 | 20,085 | 9,873 | 57 | 10,600 | 2,190 | 620 |
| | 11 | 45,127 | 450 | 19,157 | 12,644 | 62 | 10,228 | 1,917 | 669 |
| | 12 | 50,288 | 500 | 19,773 | 16,276 | 35 | 11,059 | 2,090 | 556 |
| 2020 ^p | 1 | 49,594 | 538 | 18,953 | 15,555 | 26 | 11,898 | 2,009 | 616 |
| | 2 | 46,425 | 528 | 16,552 | 13,698 | 23 | 12,690 | 2,318 | 616 |
| 2019 ^p | 1-2 | 97,836 | 1,015 | 42,344 | 26,412 | 85 | 23,290 | 4,690 | - |
| 2020 ^p | 1-2 | 96,019 | 1,065 | 35,505 | 29,253 | 49 | 24,589 | 4,326 | 1,232 |

1. 기타: 증류탑폐열, 여열회수, 천연가스압터빈, 부생가스 등
 자료: 전력통계속보, 한국전력공사

1. Others: waste heat in distillation tower, waste heat recovery, natural gas pressure turbine, by-product gas
 Source: The monthly report on major electric power statistics, KEPCO

6.4 종별 수용가수 및 판매량

No. of customers and sales volume by type

| 구 분 | 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 | |
| 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 | 265,445 | |
| 2008 | 18,419 | 18,152 | 268 | 385,070 | 105,899 | 279,171 | |
| 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 | |
| 2013 | 21,018 | 20,648 | 370 | 474,849 | 113,027 | 361,822 | |
| 2014 | 21,532 | 21,131 | 402 | 477,592 | 108,403 | 369,188 | |
| 2015 | 22,030 | 21,602 | 428 | 483,655 | 109,712 | 373,943 | |
| 2016 | 22,553 | 22,097 | 456 | 497,039 | 112,114 | 384,925 | |
| 2017 | 23,077 | 22,588 | 489 | 507,746 | 112,411 | 395,335 | |
| 2018 | 23,502 | 22,972 | 529 | 526,149 | 115,976 | 410,174 | |
| 2019 ^p | 23,860 | 23,294 | 566 | 520,499 | 112,889 | 407,610 | |
| 2018 | 2 | 23,075 | 22,580 | 495 | 46,750 | 12,612 | 34,138 |
| | 3 | 23,625 | 23,127 | 498 | 42,936 | 9,898 | 33,039 |
| | 4 | 23,207 | 22,705 | 502 | 42,033 | 9,037 | 32,996 |
| | 5 | 23,172 | 22,666 | 505 | 40,531 | 7,858 | 32,672 |
| | 6 | 23,210 | 22,702 | 508 | 41,046 | 7,968 | 33,078 |
| | 7 | 23,248 | 22,737 | 511 | 44,030 | 8,561 | 35,469 |
| | 8 | 23,298 | 22,783 | 515 | 49,532 | 11,565 | 37,967 |
| | 9 | 23,331 | 22,813 | 519 | 43,729 | 9,641 | 34,088 |
| | 10 | 23,350 | 22,828 | 522 | 39,978 | 7,662 | 32,315 |
| | 11 | 23,921 | 23,395 | 526 | 41,905 | 9,068 | 32,838 |
| | 12 | 23,502 | 22,972 | 529 | 45,318 | 10,060 | 35,258 |
| | 2019 ^p | 1 | 23,461 | 22,928 | 532 | 48,645 | 11,846 |
| 2 | | 23,508 | 22,974 | 534 | 44,354 | 11,544 | 32,810 |
| 3 | | 24,039 | 23,502 | 537 | 43,089 | 9,405 | 33,684 |
| 4 | | 23,631 | 23,091 | 540 | 42,441 | 9,222 | 33,219 |
| 5 | | 23,572 | 23,028 | 543 | 40,708 | 7,920 | 32,788 |
| 6 | | 23,605 | 23,059 | 545 | 40,620 | 7,888 | 32,732 |
| 7 | | 23,646 | 23,098 | 548 | 42,966 | 8,221 | 34,746 |
| 8 | | 23,676 | 23,124 | 552 | 47,559 | 10,438 | 37,121 |
| 9 | | 23,707 | 23,152 | 555 | 43,650 | 9,683 | 33,966 |
| 10 | | 23,737 | 23,179 | 558 | 40,623 | 7,970 | 32,653 |
| 11 | | 24,314 | 23,752 | 562 | 41,112 | 8,793 | 32,319 |
| 12 | | 23,860 | 23,294 | 566 | 44,732 | 9,961 | 34,772 |
| 2020 ^p | 1 | 23,813 | 23,243 | 571 | 46,327 | 11,260 | 35,067 |
| | 2 | 23,832 | 23,258 | 574 | 44,499 | 11,036 | 33,463 |
| 2019 ^p | 1-2 | 23,508 | 22,974 | 534 | 92,999 | 23,390 | 69,609 |
| 2020 ^p | 1-2 | 23,832 | 23,258 | 574 | 90,826 | 22,296 | 68,530 |

자료: 전력통계속보, 한국전력공사

Source: The monthly report on major electric power statistics, KEPCO

6.5 부문별 전력 소비

Electricity consumption by sector

| 구 분 | | 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 |
| 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 |
| 2013 | | 474,848 | 256,841 | 2,168 | 63,970 | 122,973 | 28,896 |
| 2014 | | 477,592 | 264,618 | 1,999 | 62,675 | 119,951 | 28,348 |
| 2015 | | 483,655 | 265,633 | 2,217 | 63,794 | 122,482 | 29,529 |
| 2016 | | 497,039 | 269,975 | 2,689 | 66,173 | 127,435 | 30,767 |
| 2017 | | 507,746 | 276,670 | 2,864 | 66,517 | 130,377 | 31,317 |
| 2018 | | 526,149 | 283,705 | 2,968 | 70,687 | 136,416 | 32,373 |
| 2019 ^p | | 520,499 | 279,769 | 2,909 | 70,455 | 135,205 | 32,160 |
| 2018 | 2 | 46,750 | 22,931 | 258 | 6,221 | 14,210 | 3,129 |
| | 3 | 42,936 | 23,282 | 230 | 5,326 | 11,368 | 2,731 |
| | 4 | 42,033 | 23,472 | 226 | 5,453 | 10,360 | 2,522 |
| | 5 | 40,531 | 23,316 | 225 | 5,109 | 9,512 | 2,369 |
| | 6 | 41,046 | 23,047 | 233 | 5,265 | 10,056 | 2,444 |
| | 7 | 44,030 | 24,056 | 263 | 5,872 | 11,149 | 2,689 |
| | 8 | 49,532 | 24,473 | 294 | 8,604 | 13,244 | 2,918 |
| | 9 | 43,729 | 23,309 | 254 | 6,396 | 11,121 | 2,650 |
| | 10 | 39,978 | 23,078 | 228 | 5,126 | 9,275 | 2,271 |
| | 11 | 41,905 | 23,615 | 233 | 5,443 | 10,136 | 2,478 |
| | 12 | 45,318 | 24,400 | 255 | 5,738 | 11,950 | 2,976 |
| 2019 ^p | 1 | 48,645 | 25,106 | 266 | 6,246 | 13,871 | 3,155 |
| | 2 | 44,354 | 22,130 | 249 | 6,141 | 13,013 | 2,821 |
| | 3 | 43,089 | 23,788 | 229 | 5,351 | 11,013 | 2,708 |
| | 4 | 42,441 | 23,317 | 230 | 5,604 | 10,675 | 2,614 |
| | 5 | 40,708 | 23,193 | 229 | 5,213 | 9,742 | 2,330 |
| | 6 | 40,620 | 22,681 | 234 | 5,294 | 10,001 | 2,408 |
| | 7 | 42,966 | 23,514 | 258 | 5,610 | 10,911 | 2,674 |
| | 8 | 47,559 | 24,255 | 284 | 7,588 | 12,591 | 2,840 |
| | 9 | 43,650 | 22,699 | 256 | 6,649 | 11,334 | 2,712 |
| | 10 | 40,623 | 22,681 | 219 | 5,415 | 9,887 | 2,421 |
| | 11 | 41,112 | 22,771 | 218 | 5,520 | 10,104 | 2,499 |
| | 12 | 44,732 | 23,633 | 235 | 5,824 | 12,062 | 2,978 |
| 2020 ^p | 1 | 46,327 | 23,536 | 242 | 6,261 | 13,236 | 3,052 |
| | 2 | 44,499 | 22,438 | 231 | 6,273 | 12,740 | 2,817 |
| 2019 ^p | 1-2 | 92,999 | 47,237 | 515 | 12,388 | 26,884 | 5,976 |
| 2020 ^p | 1-2 | 90,826 | 45,973 | 474 | 12,534 | 25,977 | 5,869 |

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

| 구 분 | 석탄 Coal | | | 석유 Petroleum | | | LNG | |
|-------------------|-------------------|------------|------------|--------------|-----------|--------|-----------|-------|
| | 합계 | 무연탄 | 유연탄 | 합계 | 중유 | 경유 | | |
| | Total | Anthracite | Bituminous | Total | Heavy oil | Diesel | | |
| | 1,000 ton | | | 1,000 kℓ | | | 1,000 ton | |
| 1990 | 8,530 | 2,013 | 6,517 | 4,481 | 4,226 | 255 | 1,718 | |
| 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 | 5,497 | 107 | 4,780 | |
| 2002 | 43,088 | 2,751 | 40,311 | 4,753 | 4,528 | 277 | 5,969 | |
| 2003 | 44,449 | 2,880 | 41,578 | 5,051 | 4,416 | 638 | 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 | 117 | 8,537 | |
| 2006 | 52,605 | 2,345 | 50,258 | 3,790 | 3,633 | 156 | 9,466 | |
| 2007 | 58,341 | 2,392 | 55,950 | 4,018 | 3,899 | 120 | 10,829 | |
| 2008 | 65,781 | 2,534 | 63,238 | 2,141 | 2,035 | 107 | 10,515 | |
| 2009 | 73,749 | 2,690 | 71,092 | 3,053 | 2,944 | 112 | 8,598 | |
| 2010 | 78,805 | 2,404 | 76,403 | 2,825 | 2,711 | 114 | 13,408 | |
| 2011 | 81,513 | 1,659 | 79,854 | 2,171 | 2,050 | 124 | 13,609 | |
| 2012 | 80,601 | 1,797 | 78,805 | 3,413 | 3,272 | 141 | 15,321 | |
| 2013 | 80,488 | 1,729 | 78,760 | 3,551 | 3,402 | 149 | 17,005 | |
| 2014 | 79,732 | 2,044 | 77,688 | 1,692 | 1,581 | 111 | 12,497 | |
| 2015 | 81,558 | 2,125 | 79,433 | 1,962 | 1,851 | 111 | 8,764 | |
| 2016 | 80,573 | 2,528 | 78,045 | 2,939 | 2,784 | 155 | 8,284 | |
| 2017 | 90,296 | 1,079 | 89,217 | 1,101 | 928 | 174 | 5,286 | |
| 2018 | 90,541 | 992 | 89,549 | 1,228 | 1,013 | 215 | 6,522 | |
| 2019 ^p | 84,486 | 1,165 | 83,321 | 786 | 463 | 323 | 5,451 | |
| 2018 | 2 | 8,095 | 32 | 8,063 | 146 | 130 | 16 | 601 |
| | 3 | 7,601 | 31 | 7,570 | 159 | 146 | 13 | 615 |
| | 4 | 6,340 | 43 | 6,297 | 42 | 27 | 16 | 566 |
| | 5 | 6,454 | 55 | 6,399 | 54 | 36 | 18 | 490 |
| | 6 | 6,504 | 97 | 6,407 | 57 | 39 | 18 | 473 |
| | 7 | 8,455 | 147 | 8,308 | 128 | 104 | 24 | 535 |
| | 8 | 9,021 | 143 | 8,879 | 138 | 115 | 24 | 590 |
| | 9 | 7,591 | 129 | 7,462 | 41 | 26 | 15 | 356 |
| | 10 | 6,529 | 94 | 6,435 | 99 | 77 | 22 | 448 |
| | 11 | 6,925 | 102 | 6,823 | 43 | 27 | 16 | 475 |
| | 12 | 8,048 | 84 | 7,964 | 72 | 59 | 13 | 613 |
| | 2019 ^p | 1 | 8,375 | 119 | 8,256 | 97 | 83 | 15 |
| 2 | | 7,064 | 112 | 6,952 | 51 | 35 | 16 | 491 |
| 3 | | 6,225 | 102 | 6,123 | 167 | 137 | 30 | 452 |
| 4 | | 5,287 | 88 | 5,199 | 58 | 25 | 33 | 396 |
| 5 | | 5,414 | 75 | 5,339 | 51 | 15 | 36 | 364 |
| 6 | | 6,470 | 102 | 6,369 | 52 | 12 | 40 | 326 |
| 7 | | 8,374 | 127 | 8,247 | 62 | 23 | 39 | 444 |
| 8 | | 8,479 | 122 | 8,358 | 66 | 24 | 42 | 493 |
| 9 | | 7,865 | 79 | 7,787 | 28 | 5 | 24 | 353 |
| 10 | | 7,337 | 59 | 7,278 | 32 | 15 | 18 | 354 |
| 11 | | 6,802 | 82 | 6,720 | 30 | 12 | 18 | 481 |
| 12 | | 6,793 | 100 | 6,693 | 91 | 78 | 13 | 683 |
| 2020 ^p | 1 | 6,564 | 109 | 6,455 | 52 | 40 | 12 | 693 |
| | 2 | 5,759 | 97 | 5,662 | 18 | 6 | 12 | 584 |
| 2019 ^p | 1-2 | 15,439 | 231 | 15,208 | 148 | 118 | 30 | 1,106 |
| 2020 ^p | 1-2 | 12,323 | 206 | 12,117 | 70 | 46 | 24 | 1,277 |

주: 1. 시운전 연료사용량 포함
 2. 한전 및 자회사 연료사용량임.
 자료: 전력통계속보, 한국전력공사

Note 1. Includes the fuel consumption for the test run.
 2. Includes only KEPCO and its subsidiary companies.
 Source: The monthly report on major electric power statistics, KEPCO

6.7 지역난방

District heating

| 구 분 | | 생산 Production | | | 판매 Sales | | | |
|-------------------|-----|---------------|-------|-----------------|----------|-------------|------------|--------|
| | | 합계 | 열병합 | 보일러 및 기타 | 합계 | 가정 | 상업 | 공공 |
| | | Total | CHP | Boiler & Others | Total | Residential | Commercial | Public |
| | | 1,000 toe | | | | | | |
| 1990 | | 79 | 79 | 0 | 75 | 68 | 6 | 1 |
| 1995 | | 689 | 514 | 175 | 641 | 610 | 22 | 10 |
| 1996 | | 847 | 607 | 240 | 811 | 762 | 33 | 15 |
| 1997 | | 941 | 691 | 250 | 909 | 850 | 42 | 17 |
| 1998 | | 933 | 675 | 258 | 882 | 825 | 41 | 16 |
| 1999 | | 1,082 | 772 | 310 | 1,033 | 959 | 56 | 18 |
| 2000 | | 1,221 | 871 | 350 | 1,167 | 1,084 | 63 | 20 |
| 2001 | | 1,287 | 842 | 446 | 1,218 | 1,111 | 80 | 27 |
| 2002 | | 1,405 | 922 | 483 | 1,316 | 1,203 | 84 | 30 |
| 2003 | | 1,628 | 1,096 | 532 | 1,523 | 1,252 | 105 | 166 |
| 2004 | | 1,532 | 1,110 | 423 | 1,449 | 1,299 | 116 | 34 |
| 2005 | | 1,889 | 1,209 | 681 | 1,652 | 1,466 | 143 | 42 |
| 2006 | | 1,804 | 1,059 | 745 | 1,549 | 1,367 | 140 | 42 |
| 2007 | | 1,848 | 1,208 | 640 | 1,576 | 1,409 | 127 | 41 |
| 2008 | | 1,757 | 1,062 | 695 | 1,668 | 1,490 | 138 | 39 |
| 2009 | | 1,821 | 1,276 | 545 | 1,709 | 1,530 | 133 | 46 |
| 2010 | | 2,038 | 975 | 1,064 | 1,939 | 1,744 | 154 | 41 |
| 2011 | | 2,055 | 1,279 | 776 | 1,976 | 1,774 | 158 | 44 |
| 2012 | | 2,175 | 1,364 | 811 | 2,102 | 1,878 | 177 | 47 |
| 2013 | | 2,212 | 1,458 | 755 | 2,070 | 1,841 | 182 | 46 |
| 2014 | | 2,074 | 1,255 | 819 | 1,528 | 1,376 | 126 | 27 |
| 2015 | | 2,028 | 1,339 | 689 | 1,967 | 1,758 | 173 | 36 |
| 2016 | | 2,197 | 1,367 | 830 | 2,183 | 1,895 | 238 | 50 |
| 2017 | | 2,446 | 1,494 | 953 | 2,441 | 2,105 | 280 | 55 |
| 2018 | | 2,647 | 1,709 | 938 | 2,682 | 2,289 | 332 | 61 |
| 2019 ^o | | 2,528 | 1,662 | 867 | 2,552 | 2,195 | 295 | 61 |
| | | | | | | | | |
| 2018 | 2 | 428 | 290 | 138 | 445 | 392 | 44 | 9 |
| | 3 | 283 | 193 | 90 | 294 | 263 | 25 | 6 |
| | 4 | 170 | 102 | 68 | 167 | 151 | 14 | 3 |
| | 5 | 109 | 65 | 44 | 109 | 87 | 19 | 2 |
| | 6 | 80 | 33 | 46 | 72 | 50 | 20 | 2 |
| | 7 | 82 | 40 | 42 | 70 | 38 | 28 | 4 |
| | 8 | 71 | 31 | 41 | 64 | 25 | 34 | 4 |
| | 9 | 67 | 25 | 42 | 61 | 43 | 16 | 2 |
| | 10 | 144 | 93 | 51 | 143 | 129 | 12 | 2 |
| | 11 | 252 | 188 | 64 | 257 | 231 | 21 | 5 |
| | 12 | 450 | 310 | 139 | 465 | 410 | 45 | 10 |
| | | | | | | | | |
| 2019 ^o | 1 | 469 | 322 | 147 | 488 | 430 | 47 | 10 |
| | 2 | 380 | 263 | 116 | 397 | 352 | 37 | 8 |
| | 3 | 287 | 206 | 80 | 294 | 265 | 24 | 6 |
| | 4 | 195 | 125 | 70 | 195 | 176 | 15 | 4 |
| | 5 | 106 | 59 | 47 | 99 | 84 | 13 | 2 |
| | 6 | 83 | 34 | 48 | 72 | 53 | 16 | 3 |
| | 7 | 84 | 38 | 46 | 72 | 43 | 25 | 4 |
| | 8 | 83 | 41 | 42 | 68 | 34 | 30 | 4 |
| | 9 | 72 | 31 | 41 | 65 | 46 | 17 | 3 |
| | 10 | 112 | 68 | 44 | 108 | 96 | 10 | 2 |
| | 11 | 243 | 174 | 69 | 262 | 235 | 22 | 5 |
| | 12 | 416 | 299 | 116 | 431 | 381 | 40 | 10 |
| | | | | | | | | |
| 2020 ^o | 1 | 421 | 303 | 117 | 446 | 395 | 41 | 9 |
| | 2 | 371 | 265 | 106 | 393 | 348 | 36 | 8 |
| | | | | | | | | |
| 2019 ^o | 1-2 | 848 | 585 | 263 | 885 | 783 | 84 | 18 |
| 2020 ^o | 1-2 | 792 | 568 | 224 | 838 | 743 | 78 | 17 |

주 1. 1998년 이전 자료는 한국지역난방공사, GS Power(주), 서울에너지공사 등 3개 열에너지 회사의 자료임.

2. 1998년 이후 자료는 집단에너지사업자조사의 지역냉·난방 부문 결과에 3개 열에너지 회사의 월별, 부문별 비중을 적용하였음.

자료: 한국에너지공단, 한국지역난방공사, GS Power(주), SH공사

Note 1. The data before 1998 is the sum of Korea District Heating Corporation, GS Power, and Seoul Energy.

2. The data since 1998 is the district heating data of the Survey for Group energy(KEA).

Source: Korea energy agency, Korea District Heating Corp., GS Power, Seoul energy

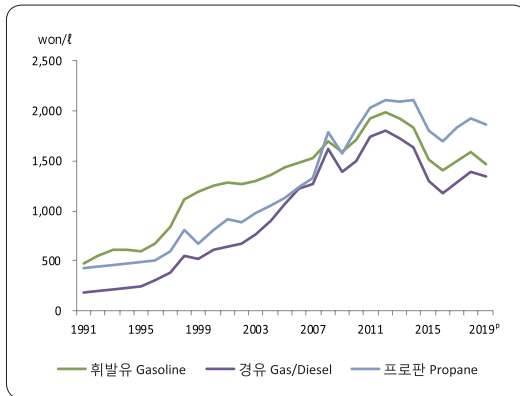
7. 에너지 가격

Energy prices

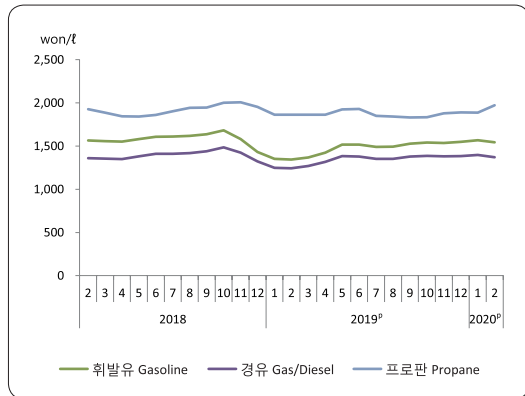


□ 석유 소비자 가격 Consumer prices by petroleum products

<1991~2019^p>

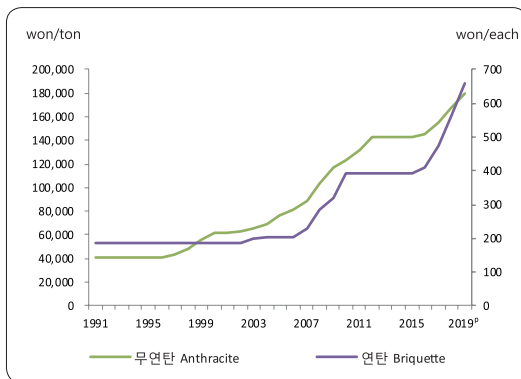


<월별 Monthly>



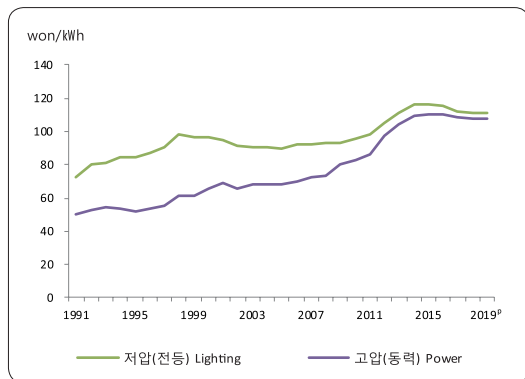
□ 석탄 가격 Coal prices

<1991~2019^p>



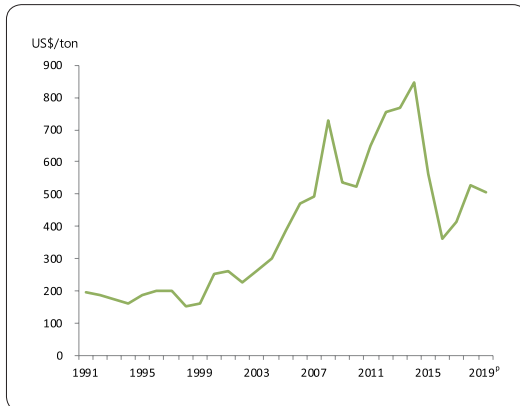
□ 전력 가격 Electricity prices

<1990~2018>



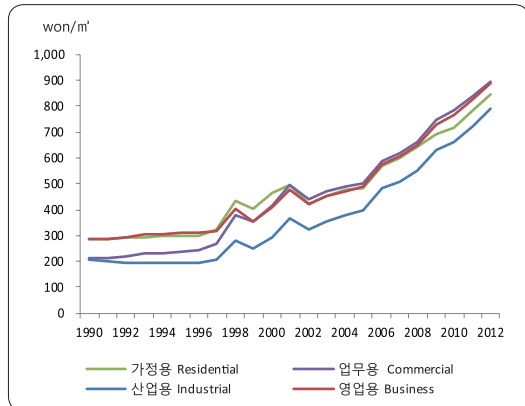
□ 천연가스 도입 단가 Natural gas import prices

<1991~2019^p>



□ 도시가스 가격 City gas prices

<1990~2012>



7.1.1 원유 수입 가격

Crude oil import prices

| 구 분 | | 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 | - |
| 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 |
| 2013 | | 108.3 | 107.9 | 108.2 | 108.2 | 110.8 | 112.4 |
| 2014 | | 101.2 | 101.0 | 102.0 | 101.8 | 94.3 | 107.4 |
| 2015 | | 53.3 | 53.1 | 54.5 | 53.7 | 52.4 | 56.4 |
| 2016 | | 41.1 | 40.8 | 44.5 | 44.5 | 37.3 | 41.4 |
| 2017 | | 53.4 | 53.1 | 55.7 | 57.1 | 48.5 | 56.7 |
| 2018 | | 71.5 | 71.0 | 73.8 | 74.1 | 70.3 | 75.0 |
| 2019 ^p | | 65.5 | 65.7 | 65.8 | 66.9 | 63.9 | 68.8 |
| 2018 | 2 | 66.9 | 66.2 | 70.6 | 72.0 | 62.2 | 71.0 |
| | 3 | 64.9 | 64.4 | 67.5 | 73.4 | 61.8 | 69.3 |
| | 4 | 66.2 | 66.1 | 67.8 | 68.4 | 62.2 | - |
| | 5 | 71.2 | 70.7 | 76.1 | 76.1 | 64.5 | 74.7 |
| | 6 | 74.3 | 74.4 | 75.9 | 78.0 | 68.3 | 77.3 |
| | 7 | 75.0 | 74.8 | 77.6 | 74.9 | 72.2 | 80.2 |
| | 8 | 75.2 | 75.0 | 75.3 | 75.8 | 74.8 | 76.9 |
| | 9 | 76.5 | 76.4 | 77.8 | 76.4 | 75.3 | 82.1 |
| | 10 | 79.2 | 79.5 | 81.2 | 78.4 | 75.6 | 77.4 |
| | 11 | 76.2 | 75.0 | 78.2 | 80.3 | 77.4 | 83.8 |
| | 12 | 66.6 | 65.2 | 67.0 | 69.8 | 71.3 | 69.8 |
| 2019 ^p | 1 | 61.8 | 60.9 | 63.3 | 60.7 | 65.7 | - |
| | 2 | 63.0 | 62.9 | 65.1 | 64.3 | 62.1 | - |
| | 3 | 65.3 | 66.2 | 65.6 | 71.3 | 60.0 | - |
| | 4 | 68.9 | 70.2 | 72.2 | 72.3 | 61.5 | - |
| | 5 | 71.0 | 71.6 | 70.8 | 70.5 | 68.5 | 72.8 |
| | 6 | 68.4 | 68.0 | 69.4 | 70.4 | 69.3 | - |
| | 7 | 65.8 | 65.6 | 65.3 | 68.9 | 66.4 | - |
| | 8 | 64.6 | 64.6 | 64.3 | 66.2 | 64.2 | 68.4 |
| | 9 | 63.1 | 63.0 | 62.2 | 63.3 | 63.9 | - |
| | 10 | 64.1 | 64.9 | 63.6 | 61.1 | 62.3 | - |
| | 11 | 64.1 | 64.6 | 64.8 | 64.4 | 61.8 | - |
| | 12 | 65.7 | 66.4 | 68.9 | 67.7 | 62.0 | 64.2 |
| 2020 ^p | 1 | 69.1 | 68.7 | 72.3 | 71.4 | 68.7 | - |
| | 2 | 64.2 | 62.7 | 66.3 | 74.2 | 67.5 | 68.5 |
| 2019 ^p | 1-2 | 62.4 | 61.9 | 64.2 | 62.6 | 63.7 | - |
| 2020 ^p | 1-2 | 66.8 | 65.7 | 69.3 | 72.3 | 68.1 | 68.5 |

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

| 구 분 | 휘발유 | 경유 | 등유 | 중질중유 | 액화석유가스 | 납사 |
|-------------------|----------|----------------|----------|----------|--------|---------|
| | Gasoline | Gas/Diesel oil | Kerosene | Bunker-C | LPG | Naphtha |
| US\$/bbl | | | | | | |
| 1990 | - | - | - | - | - | - |
| 1995 | - | 23.2 | 25.0 | 16.6 | 16.9 | 18.9 |
| 1996 | - | 28.6 | 31.8 | 19.0 | 18.4 | 21.8 |
| 1997 | - | 26.1 | 29.7 | 19.6 | 21.9 | 23.8 |
| 1998 | 19.5 | 16.6 | 21.7 | 14.3 | 14.6 | 17.0 |
| 1999 | 23.6 | 23.8 | 25.2 | 16.1 | 18.0 | 19.6 |
| 2000 | 35.5 | 36.4 | 37.2 | 27.2 | 26.3 | 30.6 |
| 2001 | 29.9 | 30.7 | 31.4 | 24.8 | 25.4 | 27.2 |
| 2002 | 30.4 | 29.3 | 29.8 | 24.2 | 22.1 | 25.3 |
| 2003 | 34.0 | 34.0 | 37.5 | 30.1 | 26.3 | 31.3 |
| 2004 | 46.5 | 44.4 | 45.7 | 33.2 | 31.3 | 42.3 |
| 2005 | 51.4 | 64.5 | 64.6 | 44.3 | 39.0 | 52.9 |
| 2006 | - | 84.2 | 76.0 | 53.9 | 47.1 | 64.0 |
| 2007 | - | 78.5 | 81.9 | 54.6 | 53.0 | 74.0 |
| 2008 | - | 125.8 | 106.3 | 89.6 | 75.0 | 100.1 |
| 2009 | - | 61.8 | 71.3 | 53.0 | 46.0 | 58.8 |
| 2010 | - | 93.5 | 102.5 | 74.1 | 61.9 | 80.4 |
| 2011 | - | 130.4 | 129.6 | 102.7 | 76.6 | 104.2 |
| 2012 | 119.7 | 128.2 | 128.0 | 109.2 | 79.6 | 105.7 |
| 2013 | 124.7 | 127.3 | 126.7 | 101.3 | 77.3 | 103.0 |
| 2014 | - | 122.6 | 125.7 | 95.5 | 76.4 | 101.8 |
| 2015 | 85.9 | 75.4 | 124.9 | 48.0 | 41.9 | 55.8 |
| 2016 | 64.2 | 55.4 | 47.7 | 45.0 | 30.9 | 44.1 |
| 2017 | 66.4 | 68.8 | 62.8 | 57.9 | 41.1 | 54.2 |
| 2018 | 92.4 | 86.6 | 62.5 | 62.1 | 48.0 | 70.6 |
| 2019 ^p | 100.0 | 80.0 | 82.9 | - | 37.4 | 58.5 |
| 2018 | 2 | - | 81.7 | - | 63.1 | 47.0 |
| | 3 | - | 85.1 | - | 63.6 | 43.0 |
| | 4 | 91.3 | 81.0 | - | 63.4 | 42.7 |
| | 5 | - | 77.7 | - | 70.3 | 44.2 |
| | 6 | - | 77.8 | - | 73.3 | 48.7 |
| | 7 | - | 92.0 | - | 73.9 | 50.9 |
| | 8 | 93.3 | 92.2 | 62.5 | 77.6 | 50.6 |
| | 9 | - | 94.2 | - | 74.6 | 51.0 |
| | 10 | - | 92.7 | - | 80.8 | 54.2 |
| | 11 | - | 96.9 | - | 78.7 | 50.5 |
| | 12 | - | 85.8 | - | 70.6 | 43.1 |
| 2019 ^p | 1 | - | 74.7 | 83.5 | 60.9 | 38.7 |
| | 2 | - | 74.7 | - | 67.2 | 37.5 |
| | 3 | - | 82.3 | - | 72.7 | 39.9 |
| | 4 | 98.8 | 82.4 | - | 71.0 | 42.1 |
| | 5 | - | 87.1 | - | 69.8 | 43.3 |
| | 6 | 537.2 | 86.5 | - | 64.5 | 38.4 |
| | 7 | - | 77.8 | - | 69.4 | 35.0 |
| | 8 | - | 77.6 | 82.1 | 66.9 | 34.8 |
| | 9 | - | - | - | 64.8 | 33.2 |
| | 10 | - | 78.9 | - | 74.1 | 33.9 |
| | 11 | - | 78.7 | - | 52.7 | 35.8 |
| | 12 | 774.3 | 78.6 | - | 62.5 | 39.5 |
| 2020 ^p | 1 | - | - | - | 75.2 | 43.2 |
| | 2 | - | - | - | 68.2 | 39.3 |
| 2019 ^p | 1-2 | - | 74.7 | 83.5 | 63.8 | 38.2 |
| 2020 ^p | 1-2 | - | - | - | 71.7 | 41.6 |

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

| 구 분 | | 휘발유 Gasoline | 경유 Gas/Diesel oil | 등유 Kerosene | 중질중유 Bunker-C | 액화석유가스 LPG | 납사 Naphtha |
|-------------------|-----|-----------------|----------------------|----------------|------------------|---------------|---------------|
| US\$/bbl | | | | | | | |
| 1990 | | - | - | - | - | - | - |
| 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 |
| 2013 | | 117.5 | 122.9 | 132.7 | 102.6 | 77.7 | 102.7 |
| 2014 | | 108.8 | 112.8 | 107.6 | 96.9 | 78.1 | 95.8 |
| 2015 | | 66.8 | 63.4 | 67.3 | 50.0 | 44.7 | 54.2 |
| 2016 | | 53.9 | 50.8 | 53.9 | 42.8 | 34.1 | 43.8 |
| 2017 | | 67.3 | 65.4 | 70.9 | 56.2 | 43.7 | 54.2 |
| 2018 | | 79.4 | 84.6 | 84.1 | 72.3 | 50.5 | 68.5 |
| 2019 ^p | | 70.8 | 77.6 | 75.7 | 64.6 | 40.6 | 57.7 |
| 2018 | 2 | 76.9 | 77.4 | 82.3 | 62.0 | 47.7 | 64.4 |
| | 3 | 75.8 | 77.5 | 81.7 | 63.1 | 44.3 | 62.3 |
| | 4 | 79.5 | 82.7 | 86.5 | 68.4 | 43.7 | 67.9 |
| | 5 | 85.5 | 89.1 | 90.5 | 80.8 | 47.5 | 72.7 |
| | 6 | 83.3 | 87.0 | 87.1 | 86.4 | 52.0 | 71.7 |
| | 7 | 82.4 | 86.3 | 88.4 | 77.9 | 51.2 | 72.8 |
| | 8 | 83.5 | 87.4 | 87.5 | 77.4 | 51.7 | 71.8 |
| | 9 | 87.6 | 92.7 | 92.4 | 82.0 | 55.4 | 74.1 |
| | 10 | 87.1 | 96.3 | 96.7 | 86.8 | 57.3 | 75.7 |
| | 11 | 70.7 | 83.2 | 84.5 | 72.9 | 49.9 | 64.2 |
| | 12 | 62.1 | 71.7 | 76.8 | 62.5 | 46.3 | 55.4 |
| 2019 ^p | 1 | 60.7 | 71.0 | 72.8 | 56.7 | 41.6 | 53.6 |
| | 2 | 65.2 | 76.5 | 78.1 | 62.5 | 41.2 | 56.8 |
| | 3 | 72.0 | 79.5 | 77.9 | 70.9 | 43.5 | 60.9 |
| | 4 | 78.9 | 82.0 | 83.1 | 70.3 | 46.4 | 62.5 |
| | 5 | 75.4 | 82.5 | 82.9 | 68.6 | 46.4 | 58.2 |
| | 6 | 67.5 | 76.2 | 76.1 | 73.4 | 40.0 | 52.8 |
| | 7 | 72.7 | 77.8 | 79.1 | 78.1 | 38.1 | 55.2 |
| | 8 | 69.6 | 76.4 | 75.9 | 63.7 | 35.3 | 53.0 |
| | 9 | 71.5 | 78.2 | 77.8 | 71.0 | 33.6 | 54.7 |
| | 10 | 71.7 | 77.9 | 76.6 | 61.0 | 38.5 | 58.8 |
| | 11 | 73.8 | 77.0 | 76.4 | 54.2 | 40.0 | 61.8 |
| | 12 | 73.9 | 78.0 | 73.6 | 59.6 | 46.2 | 64.5 |
| 2020 ^p | 1 | 71.2 | 76.5 | 78.0 | 72.0 | 48.0 | 62.9 |
| | 2 | 65.3 | 67.9 | 67.0 | 65.5 | 38.7 | 55.4 |
| 2019 ^p | 1-2 | 62.7 | 73.3 | 75.3 | 58.7 | 41.5 | 55.1 |
| 2020 ^p | 1-2 | 68.0 | 72.4 | 72.7 | 67.5 | 44.4 | 59.5 |

주: 통관기준이며, 수출액은 FOB 가격임.

자료: 한국석유공사-PEDSIS

Note: Based on customs clearance. The export value is the FOB price.

Source: Korea National Oil Corporation-PEDSIS

7.1.4 정유사 판매 가격

Refiner prices

| 구 분 | | 휘발유 Gasoline | 경유 Gas/Diesel oil | | 등유 ¹ Kerosene ¹ | 중질중유 Bunker-C | LPG | |
|-------------------|-------------------|-----------------|-------------------|--------------------|--|------------------|--------------|----------------|
| | | | 선박용 MGO | 자동차용 Automobile | | | 부탄 Butane | 프로판 Propane |
| | | | won/ℓ | | | | won/kg | |
| 1990 | | 330.8 | 154.5 | 157.7 | 164.7 | 86.2 | 231.2 | 231.7 |
| 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 | 188.4 | - | - |
| 1998 | | 1,042.9 | 484.5 | 484.5 | 456.1 | 253.7 | - | - |
| 1999 | | 1,112.4 | 457.6 | 470.1 | 414.6 | 225.7 | - | - |
| 2000 | | 1,175.9 | 553.7 | 567.4 | 485.9 | 288.7 | - | - |
| 2001 | | 1,214.5 | 592.0 | 607.6 | 505.3 | 304.0 | 673.2 | 612.6 |
| 2002 | | 1,203.9 | 640.8 | 651.1 | 492.2 | 320.5 | 692.3 | 511.1 |
| 2003 | | 1,231.6 | 748.3 | 748.9 | 571.8 | 339.5 | 870.3 | 568.0 |
| 2004 | | 1,293.0 | 876.3 | 878.7 | 692.9 | 365.4 | 1,042.8 | 617.6 |
| 2005 | | 1,359.4 | 1,045.7 | 1,045.6 | 806.8 | 420.2 | 1,121.4 | 671.8 |
| 2006 | | 1,406.9 | 1,175.7 | 1,185.9 | 857.6 | 489.4 | 1,156.0 | 745.0 |
| 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 | 1,690.5 | 1,261.7 |
| 2013 | | 1,796.6 | 1,570.7 | 1,609.2 | 1,126.9 | 918.7 | 1,636.3 | 1,216.7 |
| 2014 | | 1,684.6 | 1,473.4 | 1,485.0 | 963.6 | 853.4 | 1,597.7 | 1,154.8 |
| 2015 | | 1,389.4 | 1,139.8 | 1,164.5 | 630.9 | 541.9 | 1,169.4 | 727.1 |
| 2016 | | 1,296.2 | 1,027.8 | 1,068.7 | 542.4 | 442.8 | 1,030.6 | 584.4 |
| 2017 | | 1,380.0 | 1,136.4 | 1,161.4 | 650.0 | 564.7 | 1,179.5 | 733.7 |
| 2018 | | 1,455.6 | 1,260.7 | 1,277.1 | 765.4 | 658.9 | 1,237.3 | 812.5 |
| 2019 ^p | | 1,379.4 | 1,199.9 | 1,227.9 | 752.2 | 678.2 | 1,122.4 | 720.7 |
| 2018 | 2 | 1,429.0 | 1,218.8 | 1,237.9 | 735.8 | 603.6 | 1,247.5 | 830.1 |
| | 3 | 1,425.2 | 1,211.5 | 1,227.6 | 721.4 | 561.6 | 1,214.0 | 779.9 |
| | 4 | 1,451.9 | 1,200.6 | 1,260.0 | 752.3 | 620.7 | 1,171.4 | 723.5 |
| | 5 | 1,504.6 | 1,240.6 | 1,309.3 | 796.3 | 660.9 | 1,140.9 | 726.3 |
| | 6 | 1,494.0 | 1,287.9 | 1,298.1 | 775.8 | 697.1 | 1,191.3 | 746.3 |
| | 7 | 1,514.2 | 1,283.3 | 1,318.8 | 801.1 | 709.3 | 1,219.2 | 779.9 |
| | 8 | 1,527.8 | 1,295.1 | 1,327.2 | 803.7 | 719.2 | 1,283.4 | 822.9 |
| | 9 | 1,560.8 | 1,311.5 | 1,368.9 | 844.3 | 719.7 | 1,291.9 | 838.2 |
| | 10 | 1,566.8 | 1,347.2 | 1,397.8 | 878.2 | 762.5 | 1,332.5 | 911.0 |
| | 11 | 1,338.2 | 1,308.3 | 1,231.5 | 796.0 | 727.2 | 1,310.0 | 916.9 |
| | 12 | 1,217.1 | 1,206.5 | 1,116.8 | 710.6 | 710.1 | 1,207.9 | 832.1 |
| | 2019 ^p | 1 | 1,213.6 | 1,093.5 | 1,113.2 | 701.9 | 638.3 | 1,084.4 |
| 2 | | 1,235.5 | 1,093.8 | 1,148.2 | 730.3 | 638.3 | 1,117.2 | 734.1 |
| 3 | | 1,301.7 | 1,141.8 | 1,187.0 | 755.4 | 671.5 | 1,107.2 | 736.1 |
| 4 | | 1,376.9 | 1,173.1 | 1,217.1 | 786.9 | 708.6 | 1,116.1 | 736.3 |
| 5 | | 1,433.9 | 1,233.5 | 1,265.4 | 794.0 | 713.8 | 1,196.3 | 790.3 |
| 6 | | 1,375.8 | 1,259.6 | 1,219.1 | 742.2 | 727.6 | 1,170.8 | 785.8 |
| 7 | | 1,406.9 | 1,203.7 | 1,241.8 | 763.7 | 732.4 | 1,104.5 | 690.0 |
| 8 | | 1,390.3 | 1,222.5 | 1,234.4 | 758.5 | 738.7 | 1,090.1 | 677.9 |
| 9 | | 1,456.4 | 1,256.7 | 1,289.4 | 783.9 | 642.7 | 1,090.1 | 657.7 |
| 10 | | 1,441.2 | 1,267.5 | 1,271.1 | 764.7 | 710.2 | 1,087.3 | 657.8 |
| 11 | | 1,459.4 | 1,257.3 | 1,268.6 | 755.4 | 650.5 | 1,138.4 | 704.1 |
| 12 | | 1,470.0 | 1,238.2 | 1,284.9 | 767.5 | 641.9 | 1,153.9 | 720.8 |
| 2020 ^p | 1 | 1,452.0 | 1,273.9 | 1,274.2 | 754.5 | 710.9 | 1,155.1 | 719.8 |
| | 2 | 1,401.0 | 1,257.6 | 1,201.4 | 672.3 | 739.3 | 1,256.6 | 805.5 |
| 2019 ^p | 1-2 | 1,224.6 | 1,093.7 | 1,130.7 | 716.1 | 638.3 | 1,100.8 | 732.5 |
| 2020 ^p | 1-2 | 1,426.5 | 1,265.8 | 1,237.8 | 713.4 | 725.1 | 1,205.9 | 762.6 |

1. 실내등유 기준

주: 세후 가격

자료: 한국석유평가-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

| 구 분 | | 휘발유 ¹ Gasoline ¹ | 경유 ¹ Gas/Diesel oil ¹ | 등유 Kerosene | | 중질중유 ² Bunker-C ² | 프로판 ³ Propane ³ | 부탄 Butane | |
|-------------------|-----|---|--|---|--|--|--|---|--|
| | | | | 실내등유 ¹ Kerosen ¹ | 보일러등유 ¹ Heating oil ¹ | | | 일반용 ³ Residential and Commercial ³ | 수송용 ¹ Transport ¹ |
| | | | | won/ℓ | | | | won/kg | won/ℓ |
| 1990 | | 383.5 | 182.0 | 191.3 | - | 95.3 | 415.0 | - | 506.8 |
| 1995 | | 598.0 | 239.4 | 261.6 | - | 129.5 | 489.7 | - | - |
| 1996 | | 675.8 | 300.8 | 314.7 | - | 156.7 | 510.0 | - | - |
| 1997 | | 838.7 | 376.2 | 373.5 | - | 195.9 | 599.0 | - | - |
| 1998 | | 1,122.6 | 553.5 | 524.2 | 415.6 | 292.1 | 815.0 | - | - |
| 1999 | | 1,191.9 | 521.8 | 491.2 | 445.2 | 242.3 | 678.3 | - | - |
| 2000 | | 1,248.4 | 612.8 | 559.6 | 544.9 | 304.1 | 809.3 | - | - |
| 2001 | | 1,280.0 | 644.6 | 580.2 | 574.0 | 320.5 | 919.0 | 1,138.9 | 440.0 |
| 2002 | | 1,269.1 | 677.6 | 554.4 | 553.5 | 322.8 | 887.3 | 1,109.2 | 457.7 |
| 2003 | | 1,294.8 | 772.0 | 638.8 | 640.0 | 339.2 | 980.0 | 1,185.5 | 567.4 |
| 2004 | | 1,364.2 | 906.8 | 751.5 | 757.9 | 367.1 | 1,050.0 | 1,236.0 | 673.8 |
| 2005 | | 1,430.6 | 1,076.9 | 869.7 | 873.9 | 420.1 | 1,129.2 | 1,295.3 | 722.3 |
| 2006 | | 1,488.9 | 1,220.3 | 930.4 | 933.4 | 483.0 | 1,245.4 | 1,390.4 | 749.1 |
| 2007 | | 1,524.8 | 1,270.3 | 931.3 | 938.1 | 526.5 | 1,333.0 | 1,466.5 | 774.5 |
| 2008 | | 1,694.9 | 1,614.7 | 1,235.8 | 1,236.0 | 757.1 | 1,785.8 | 1,891.5 | 1,007.2 |
| 2009 | | 1,582.5 | 1,383.6 | 966.8 | 965.1 | 637.3 | 1,578.3 | 1,880.8 | 822.6 |
| 2010 | | 1,709.4 | 1,501.5 | 1,071.2 | 1,066.3 | 760.8 | 1,812.4 | 2,069.3 | 952.4 |
| 2011 | | 1,928.8 | 1,745.2 | 1,326.6 | 1,296.4 | 975.5 | 2,033.1 | 2,277.2 | 1,076.6 |
| 2012 | | 1,985.8 | 1,806.4 | 1,393.7 | - | 1,083.5 | 2,106.0 | 2,352.1 | 1,102.1 |
| 2013 | | 1,924.5 | 1,729.7 | 1,365.1 | - | 954.5 | 2,085.9 | 2,338.4 | 1,071.0 |
| 2014 | | 1,827.6 | 1,637.0 | 1,300.2 | - | 900.0 | 2,114.6 | 2,370.3 | 1,052.1 |
| 2015 | | 1,509.9 | 1,299.3 | 948.5 | - | 612.1 | 1,801.3 | 2,034.1 | 806.4 |
| 2016 | | 1,402.5 | 1,182.4 | 784.4 | - | 520.6 | 1,690.0 | 1,914.7 | 734.1 |
| 2017 | | 1,491.5 | 1,282.7 | 851.8 | - | 619.5 | 1,833.7 | 2,069.8 | 826.4 |
| 2018 | | 1,581.4 | 1,391.9 | 943.0 | - | 734.8 | 1,920.5 | 2,174.0 | 874.6 |
| 2019 ^p | | 1,471.9 | 1,340.1 | 962.4 | - | 743.9 | 1,869.7 | 2,137.1 | 806.2 |
| 2018 | 2 | 1,564.6 | 1,360.4 | 909.5 | - | 638.7 | 1,926.3 | 2,195.9 | 886.0 |
| | 3 | 1,557.9 | 1,354.6 | 908.9 | - | 656.5 | 1,886.8 | 2,143.2 | 857.2 |
| | 4 | 1,551.3 | 1,349.1 | 907.0 | - | 674.6 | 1,845.1 | 2,089.2 | 828.7 |
| | 5 | 1,580.3 | 1,380.2 | 918.9 | - | 695.9 | 1,842.2 | 2,085.3 | 826.9 |
| | 6 | 1,609.1 | 1,410.0 | 938.8 | - | 759.5 | 1,860.0 | 2,094.9 | 843.7 |
| | 7 | 1,610.9 | 1,411.9 | 942.2 | - | 771.5 | 1,902.9 | 2,139.8 | 869.1 |
| | 8 | 1,618.3 | 1,419.1 | 946.6 | - | 788.6 | 1,942.9 | 2,182.9 | 894.8 |
| | 9 | 1,637.6 | 1,438.9 | 959.9 | - | 784.4 | 1,945.2 | 2,181.3 | 895.4 |
| | 10 | 1,681.1 | 1,485.0 | 997.3 | - | 790.3 | 2,002.4 | 2,259.0 | 934.2 |
| | 11 | 1,580.9 | 1,424.7 | 1,010.3 | - | 846.5 | 2,008.6 | 2,280.0 | 910.5 |
| | 12 | 1,433.1 | 1,324.1 | 980.2 | - | 789.3 | 1,954.7 | 2,237.2 | 863.4 |
| 2019 ^p | 1 | 1,351.2 | 1,249.4 | 942.7 | - | 685.9 | 1,864.4 | 2,148.9 | 801.3 |
| | 2 | 1,343.8 | 1,242.9 | 936.4 | - | 665.8 | 1,863.3 | 2,143.1 | 798.7 |
| | 3 | 1,369.5 | 1,269.2 | 943.9 | - | 724.0 | 1,864.7 | 2,138.4 | 797.5 |
| | 4 | 1,424.4 | 1,316.4 | 957.8 | - | 771.1 | 1,863.6 | 2,138.1 | 796.5 |
| | 5 | 1,517.2 | 1,385.3 | 972.5 | - | 777.0 | 1,924.1 | 2,187.9 | 847.6 |
| | 6 | 1,517.5 | 1,379.8 | 973.4 | - | 799.2 | 1,929.0 | 2,186.5 | 851.6 |
| | 7 | 1,491.5 | 1,352.8 | 969.2 | - | 776.5 | 1,851.4 | 2,098.5 | 796.8 |
| | 8 | 1,493.7 | 1,351.9 | 968.0 | - | 827.4 | 1,841.1 | 2,088.5 | 785.4 |
| | 9 | 1,529.3 | 1,379.8 | 968.8 | - | 747.4 | 1,831.9 | 2,085.0 | 784.7 |
| | 10 | 1,540.5 | 1,387.7 | 973.1 | - | 791.4 | 1,833.6 | 2,093.6 | 783.7 |
| | 11 | 1,535.7 | 1,380.5 | 971.8 | - | 703.5 | 1,879.3 | 2,159.1 | 810.5 |
| | 12 | 1,548.5 | 1,385.4 | 970.8 | - | 658.0 | 1,889.7 | 2,177.0 | 820.6 |
| 2020 ^p | 1 | 1,568.4 | 1,398.4 | 975.3 | - | 706.5 | 1,887.6 | 2,181.7 | 820.8 |
| | 2 | 1,545.3 | 1,369.9 | 967.8 | - | 797.7 | 1,971.5 | 2,274.4 | 874.5 |
| 2019 ^p | 1-2 | 1,347.5 | 1,246.2 | 939.6 | - | 675.9 | 1,863.9 | 2,146.0 | 800.0 |
| 2020 ^p | 1-2 | 1,556.9 | 1,384.1 | 971.6 | - | 752.1 | 1,929.5 | 2,228.0 | 847.7 |

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

| 구 분 | 석탄 Coal | | 전력 ³ Electricity ³ | | |
|-------------------|---|---|--|-----------------|---------------|
| | 무연탄 ¹ Anthracite ¹ | 연탄 ² Briquette ² | 저압(전등) Lighting | 고압(동력) Power | 평균 Average |
| | won/ton | won/each | won/kWh | | |
| 1990 | 40,740 | 185 | 68.1 | 49.5 | 52.9 |
| 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 | 142,230 | 391 | 111.1 | 104.6 | 106.0 |
| 2014 | 142,230 | 391 | 116.1 | 109.7 | 111.1 |
| 2015 | 142,230 | 391 | 116.1 | 110.2 | 111.6 |
| 2016 | 145,106 | 410 | 115.7 | 109.9 | 111.2 |
| 2017 | 154,720 | 472 | 111.8 | 108.9 | 109.5 |
| 2018 | 167,164 | 561 | 111.5 | 108.0 | 108.8 |
| 2019 ^p | 179,380 | 657 | 111.5 | 108.0 | 108.8 |
| 2018 | 2 | 166,030 | 552 | 110.7 | 113.9 |
| | 3 | 166,030 | 552 | 105.9 | 100.4 |
| | 4 | 166,030 | 552 | 101.5 | 96.7 |
| | 5 | 166,030 | 552 | 105.2 | 96.7 |
| | 6 | 166,030 | 552 | 113.4 | 113.3 |
| | 7 | 166,030 | 552 | 126.4 | 120.9 |
| | 8 | 166,030 | 552 | 126.1 | 120.7 |
| | 9 | 166,030 | 552 | 109.3 | 100.2 |
| | 10 | 166,030 | 552 | 105.8 | 96.9 |
| | 11 | 166,030 | 552 | 104.8 | 112.2 |
| | 12 | 179,380 | 657 | 113.3 | 113.8 |
| 2019 ^p | 1 | 179,380 | 657 | 111.8 | 113.9 |
| | 2 | 179,380 | 657 | 112.1 | 114.0 |
| | 3 | 179,380 | 657 | 107.4 | 99.2 |
| | 4 | 179,380 | 657 | 101.4 | 97.0 |
| | 5 | 179,380 | 657 | 105.2 | 97.3 |
| | 6 | 179,380 | 657 | 114.0 | 113.8 |
| | 7 | 179,380 | 657 | 124.1 | 120.1 |
| | 8 | 179,380 | 657 | 122.2 | 118.8 |
| | 9 | 179,380 | 657 | 114.7 | 102.6 |
| | 10 | 179,380 | 657 | 105.3 | 97.0 |
| | 11 | 179,380 | 657 | 106.1 | 112.7 |
| | 12 | 179,380 | 657 | 114.0 | 114.6 |
| 2020 ^p | 1 | 179,380 | 657 | 113.1 | 113.6 |
| | 2 | 179,380 | 657 | 113.8 | 115.6 |

1. 국내탄 5급(4,400~4,599kcal/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: 한국전력공사, 대한석탄협회, 산업통상자원부

1. Based on the top price of Grade 5(4,400~4,599kcal/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: KEPCO, Korea Coal Association, Ministry of Trade, Industry and Energy

7.3 LNG 수입가격 및 도시가스 가격

LNG import prices and city gas prices

| 구 분 | 천연가스 ¹ LNG ¹ | | 도시가스 ² City Gas ² | | | | |
|-------------------|------------------------------------|------------|---|-------------------------|------------|-----------------------|------|
| | 도입금액 | 단가 | 가정용 ³ | 업무용 ⁴ | 산업용 | 영업용 ⁵ | |
| | Import value | Unit price | Residential ³ | Commercial ⁴ | Industrial | Business ⁵ | |
| | million US\$ | US\$/ton | won/m ³ , won/MJ | | | | |
| 1990 | 459.5 | 205.4 | 284.9 | 214.5 | 206.8 | 284.9 | |
| 1995 | 1,275.3 | 188.8 | 300.6 | 237.3 | 196.7 | 309.1 | |
| 1996 | 1,878.4 | 202.9 | 301.9 | 242.4 | 196.7 | 309.1 | |
| 1997 | 2,295.9 | 200.1 | 325.7 | 266.2 | 206.6 | 319.0 | |
| 1998 | 1,549.3 | 152.1 | 432.4 | 377.9 | 283.5 | 404.3 | |
| 1999 | 1,972.6 | 160.6 | 404.1 | 356.7 | 248.2 | 352.5 | |
| 2000 | 3,882.3 | 254.8 | 464.0 | 416.6 | 294.5 | 408.3 | |
| 2001 | 3,989.8 | 260.5 | 498.0 | 495.5 | 369.4 | 479.0 | |
| 2002 | 4,120.2 | 229.0 | 422.5 | 439.5 | 323.0 | 421.6 | |
| 2003 | 5,081.9 | 263.2 | 451.9 | 468.9 | 357.1 | 449.8 | |
| 2004 | 6,551.6 | 300.8 | 474.0 | 491.0 | 379.9 | 472.2 | |
| 2005 | 8,646.5 | 387.4 | 485.6 | 502.7 | 396.2 | 488.7 | |
| 2006 | 11,924.9 | 472.2 | 568.8 | 585.8 | 485.6 | 576.8 | |
| 2007 | 12,653.3 | 494.9 | 599.0 | 616.0 | 509.4 | 608.5 | |
| 2008 | 19,806.1 | 726.6 | 643.3 | 662.1 | 549.7 | 650.1 | |
| 2009 | 13,875.0 | 537.3 | 690.3 | 744.5 | 629.1 | 731.1 | |
| 2010 | 17,006.0 | 521.6 | 716.5 | 785.1 | 661.8 | 768.2 | |
| 2011 | 23,859.3 | 650.4 | 783.7 | 837.6 | 724.2 | 827.8 | |
| 2012 | 27,364.5 | 756.3 | 847.8 | 891.4 | 792.6 | 889.5 | |
| 2013 | 30,645.1 | 768.5 | 20.8 | 21.7 | 19.5 | 21.7 | |
| 2014 | 31,402.5 | 846.3 | 22.2 | 22.9 | 20.7 | 23.0 | |
| 2015 | 18,779.1 | 562.8 | 18.6 | 19.0 | 16.4 | 18.6 | |
| 2016 | 12,170.0 | 363.8 | 15.1 | 15.6 | 12.6 | 14.8 | |
| 2017 | 15,615.7 | 416.0 | 15.7 | 16.1 | 13.3 | 15.4 | |
| 2018 | 23,188.9 | 526.8 | 14.8 | 15.1 | 12.9 | 14.7 | |
| 2019 ^p | 20,566.6 | 504.7 | 14.8 | 15.1 | 12.9 | 14.7 | |
| 2018 | 2 | 2,352.7 | 517.2 | 14.8 | 15.1 | 12.9 | 14.7 |
| | 3 | 2,094.0 | 488.5 | 14.8 | 15.1 | 12.9 | 14.7 |
| | 4 | 1,553.6 | 484.4 | 14.8 | 15.1 | 12.3 | 14.5 |
| | 5 | 1,414.6 | 510.0 | 14.8 | 15.1 | 12.7 | 14.5 |
| | 6 | 1,906.8 | 509.7 | 14.8 | 15.1 | 12.6 | 14.4 |
| | 7 | 1,423.4 | 519.6 | 15.3 | 15.7 | 13.2 | 15.0 |
| | 8 | 1,541.3 | 532.4 | 15.3 | 15.7 | 13.2 | 15.0 |
| | 9 | 1,864.7 | 561.8 | 15.3 | 15.7 | 13.2 | 15.0 |
| | 10 | 2,188.9 | 579.9 | 15.3 | 15.7 | 13.3 | 15.1 |
| | 11 | 2,278.2 | 584.3 | 15.3 | 15.7 | 13.3 | 15.1 |
| | 12 | 2,701.1 | 574.2 | 15.3 | 15.7 | 13.8 | 15.3 |
| | 2019 ^p | 1 | 2,239.8 | 587.0 | 15.3 | 15.7 | 13.8 |
| 2 | | 2,323.5 | 614.5 | 15.3 | 15.7 | 13.8 | 15.3 |
| 3 | | 1,559.9 | 563.3 | 15.3 | 15.7 | 13.8 | 15.3 |
| 4 | | 1,612.1 | 481.9 | 15.3 | 15.7 | 13.3 | 15.1 |
| 5 | | 1,427.0 | 481.5 | 15.3 | 15.7 | 13.2 | 15.0 |
| 6 | | 1,515.3 | 470.4 | 15.3 | 15.7 | 13.2 | 15.0 |
| 7 | | 1,474.1 | 488.3 | 15.9 | 16.2 | 13.9 | 15.7 |
| 8 | | 1,720.5 | 479.3 | 15.9 | 16.2 | 13.9 | 15.7 |
| 9 | | 1,266.2 | 510.0 | 15.9 | 16.2 | 13.9 | 15.7 |
| 10 | | 1,530.0 | 479.0 | 15.9 | 16.2 | 14.0 | 15.8 |
| 11 | | 1,722.6 | 454.4 | 15.9 | 16.2 | 14.0 | 15.8 |
| 12 | | 2,175.5 | 455.5 | 15.9 | 16.2 | 14.5 | 16.0 |
| 2020 ^p | 1 | 1,950.1 | 470.1 | 15.9 | 16.2 | 14.5 | 16.0 |
| | 2 | 2,110.2 | 446.9 | 15.9 | 16.2 | 14.5 | 16.0 |

1. CIF 기준

2. 서울지역 평균가격(부가세 제외), 2013년부터는 열량단위 단가

3. 취사용 가격

4. 업무난방용 가격

5. 직접적인 열리 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

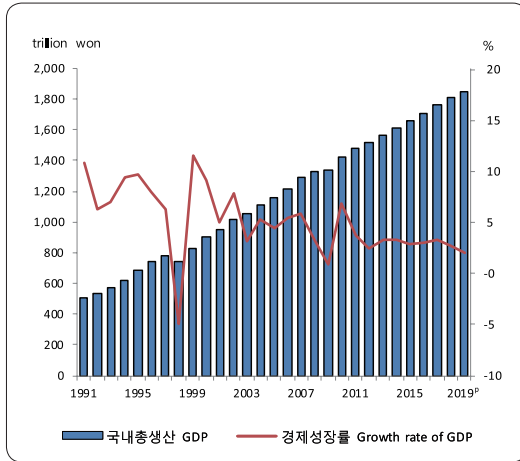
8. 주요 경제 · 사회 지표

Major economic and social indicators

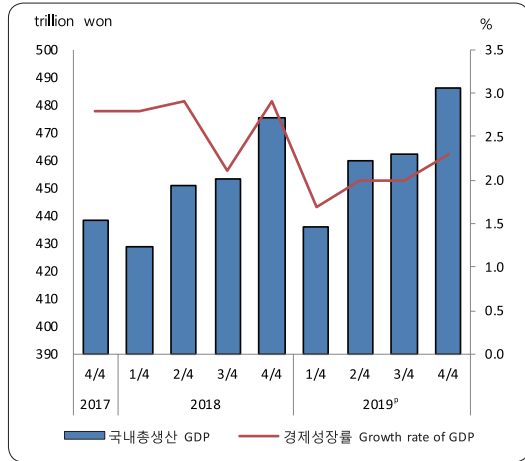


□ 국내총생산, 경제성장률 GDP and growth rate of GDP

<1991~2019^p>

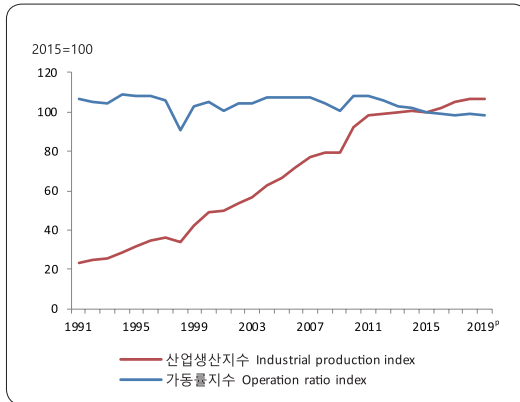


<분기 Quarterly>

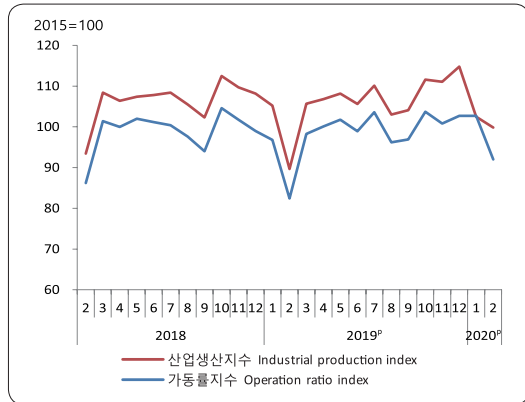


□ 산업생산지수, 가동률지수 Industrial production index

<1991~2019^p>

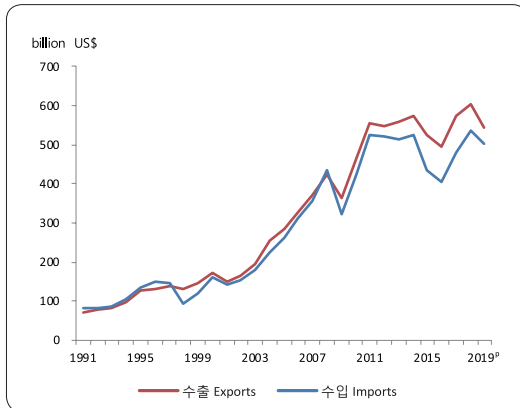


<월별 Monthly>

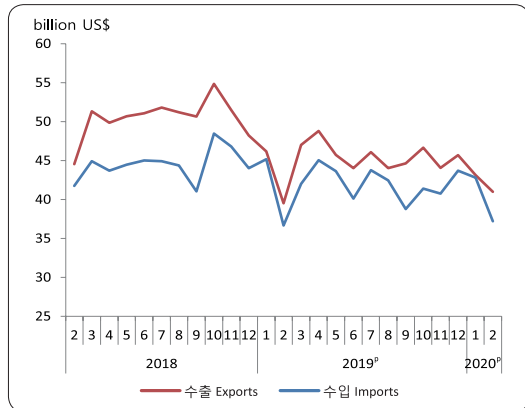


□ 수출입 Imports and export

<1991~2019^p>



<월별 Monthly>



8.1. 주요 경제지표

Major economic indicators

| 구 분 | | 국내총생산¹ (시장가격) GDP at market prices¹ billion won | 경제성장률 Growth rate of GDP % | 민간소비¹ Private consumption¹ | 설비투자¹ Facilities investment¹ | 건설투자¹ Construction investment¹ | 물가지수 Prices | |
|-------|-------|--|----------------------------------|-------------------------------|---------------------------------|-----------------------------------|-----------------|-----------------|
| | | | | | | | 생산자 Producer | 소비자 Consumer |
| | | | | | | | 2015=100 | 2015=100 |
| 1990 | | 454,146 | 9.9 | 279,924 | 42,313 | 130,673 | 55.8 | 40.6 |
| 1995 | | 683,940 | 9.6 | 422,297 | 76,132 | 193,490 | 65.2 | 54.8 |
| 1996 | | 737,908 | 7.9 | 454,998 | 83,950 | 207,627 | 67.3 | 57.5 |
| 1997 | | 783,441 | 6.2 | 474,207 | 77,213 | 212,866 | 69.9 | 60.1 |
| 1998 | | 743,255 | -5.1 | 417,671 | 47,397 | 184,666 | 78.4 | 64.6 |
| 1999 | | 828,483 | 11.5 | 467,989 | 64,229 | 178,652 | 76.8 | 65.1 |
| 2000 | | 903,551 | 9.1 | 511,607 | 86,585 | 178,617 | 78.4 | 66.6 |
| 2001 | | 947,395 | 4.9 | 541,244 | 80,623 | 190,194 | 78.0 | 69.3 |
| 2002 | | 1,020,582 | 7.7 | 589,833 | 87,293 | 202,418 | 77.8 | 71.2 |
| 2003 | | 1,052,703 | 3.1 | 587,600 | 87,656 | 220,225 | 79.5 | 73.7 |
| 2004 | | 1,107,416 | 5.2 | 589,947 | 89,928 | 223,708 | 84.3 | 76.3 |
| 2005 | | 1,155,130 | 4.3 | 617,417 | 93,062 | 223,611 | 86.1 | 78.4 |
| 2006 | | 1,215,940 | 5.3 | 647,804 | 101,442 | 225,219 | 86.9 | 80.2 |
| 2007 | | 1,286,459 | 5.8 | 682,032 | 111,522 | 228,604 | 88.1 | 82.2 |
| 2008 | | 1,325,219 | 3.0 | 693,103 | 111,276 | 222,419 | 95.6 | 86.1 |
| 2009 | | 1,335,724 | 0.8 | 694,615 | 102,216 | 230,329 | 95.4 | 88.5 |
| 2010 | | 1,426,618 | 6.8 | 725,119 | 125,912 | 221,918 | 99.1 | 91.1 |
| 2011 | | 1,479,198 | 3.7 | 746,491 | 132,898 | 215,682 | 105.7 | 94.7 |
| 2012 | | 1,514,737 | 2.4 | 758,839 | 134,263 | 208,120 | 106.4 | 96.8 |
| 2013 | | 1,562,674 | 3.2 | 772,014 | 128,966 | 221,202 | 104.7 | 98.0 |
| 2014 | | 1,612,718 | 3.2 | 787,410 | 135,481 | 224,276 | 104.2 | 99.3 |
| 2015 | | 1,658,020 | 2.8 | 804,812 | 142,434 | 239,801 | 100.0 | 100.0 |
| 2016 | | 1,706,880 | 2.9 | 825,676 | 146,179 | 263,725 | 98.2 | 101.0 |
| 2017 | | 1,760,812 | 3.2 | 848,589 | 170,276 | 282,925 | 101.6 | 102.9 |
| 2018 | | 1,807,736 | 2.7 | 872,304 | 166,242 | 270,859 | 103.5 | 104.5 |
| 2019ᵖ | | 1,844,490 | 2.0 | 888,952 | 153,489 | 262,403 | 103.5 | 104.9 |
| 2018 | 2 | - | - | - | - | - | 103.0 | 104.2 |
| | 3 | 428,662 | 2.8 | 218,772 | 44,119 | 57,132 | 102.9 | 104.1 |
| | 4 | - | - | - | - | - | 103.0 | 104.3 |
| | 5 | - | - | - | - | - | 103.3 | 104.3 |
| | 6 | 450,843 | 2.9 | 212,188 | 43,203 | 74,412 | 103.4 | 104.1 |
| | 7 | - | - | - | - | - | 103.9 | 103.9 |
| | 8 | - | - | - | - | - | 104.3 | 104.9 |
| | 9 | 453,045 | 2.1 | 217,819 | 37,256 | 68,008 | 104.6 | 105.7 |
| | 10 | - | - | - | - | - | 104.3 | 105.5 |
| | 11 | - | - | - | - | - | 103.5 | 104.7 |
| | 12 | 475,186 | 2.9 | 223,526 | 41,664 | 71,308 | 103.0 | 104.4 |
| | 2019ᵖ | 1 | - | - | - | - | - | 102.9 |
| 2 | | - | - | - | - | - | 103.0 | 104.7 |
| 3 | | 435,809 | 1.7 | 222,837 | 36,432 | 53,031 | 103.4 | 104.5 |
| 4 | | - | - | - | - | - | 103.7 | 104.9 |
| 5 | | - | - | - | - | - | 103.8 | 105.1 |
| 6 | | 460,059 | 2.0 | 216,534 | 40,162 | 71,783 | 103.5 | 104.9 |
| 7 | | - | - | - | - | - | 103.5 | 104.6 |
| 8 | | - | - | - | - | - | 103.7 | 104.8 |
| 9 | | 462,320 | 2.0 | 221,725 | 36,270 | 65,465 | 103.8 | 105.2 |
| 10 | | - | - | - | - | - | 103.6 | 105.5 |
| 11 | | - | - | - | - | - | 103.4 | 104.9 |
| 12 | | 486,302 | 2.3 | 227,856 | 40,624 | 72,124 | 103.7 | 105.1 |
| 2020ᵖ | 1 | - | - | - | - | - | 104.1 | 105.8 |
| | 2 | - | - | - | - | - | 103.7 | 105.8 |

자료: 한국은행

Source: Bank of Korea.

8.2. 산업생산 지수

Industrial production index

| 구 분 | 총지수 | 광업 및 제조업 | 1차 철강 | 시멘트 | 기초화학물 | 수송장비 | 전기장비 | 서비스업 | |
|-------------------|-------------------|--------------------------|----------------------|---|-----------------|--|----------------------|----------|-------|
| | All items | Mining and manufacturing | Basic iron and steel | Cement, lime and plaster and its products | Basic chemicals | Motor vehicles, trailers and semitrailer | Electrical equipment | Services | |
| | 2015=100 | | | | | | | | |
| 1990 | 21.1 | 21.2 | 33.6 | 61.6 | 14.5 | 16.9 | 36.6 | 0.0 | |
| 1995 | 31.8 | 31.6 | 52.0 | 93.7 | 32.8 | 36.2 | 57.2 | 0.0 | |
| 1996 | 34.6 | 34.3 | 55.2 | 100.3 | 37.6 | 40.8 | 60.5 | 0.0 | |
| 1997 | 36.2 | 35.9 | 58.5 | 102.1 | 46.7 | 40.6 | 60.2 | 0.0 | |
| 1998 | 33.9 | 33.5 | 52.9 | 74.7 | 49.0 | 26.8 | 45.3 | 0.0 | |
| 1999 | 42.2 | 42.0 | 58.9 | 76.3 | 53.0 | 41.0 | 57.3 | 0.0 | |
| 2000 | 49.4 | 49.2 | 63.9 | 82.9 | 56.0 | 46.8 | 68.3 | 59.6 | |
| 2001 | 49.7 | 49.3 | 64.9 | 86.3 | 55.5 | 46.2 | 68.0 | 63.3 | |
| 2002 | 53.7 | 53.2 | 67.4 | 94.8 | 58.9 | 50.2 | 76.6 | 69.3 | |
| 2003 | 56.6 | 56.2 | 71.7 | 101.2 | 60.9 | 53.4 | 76.6 | 70.0 | |
| 2004 | 62.5 | 62.2 | 74.5 | 94.1 | 65.7 | 59.7 | 81.2 | 70.2 | |
| 2005 | 66.5 | 66.1 | 73.8 | 85.0 | 68.2 | 64.7 | 84.1 | 72.8 | |
| 2006 | 72.1 | 71.8 | 76.8 | 88.6 | 71.0 | 69.9 | 84.3 | 76.5 | |
| 2007 | 77.0 | 76.9 | 80.6 | 94.6 | 75.6 | 74.2 | 88.1 | 81.6 | |
| 2008 | 79.6 | 79.4 | 82.3 | 91.0 | 75.1 | 71.8 | 93.6 | 84.5 | |
| 2009 | 79.5 | 79.2 | 73.8 | 84.6 | 79.7 | 67.2 | 95.1 | 86.1 | |
| 2010 | 92.5 | 92.4 | 90.2 | 79.5 | 86.6 | 82.8 | 104.6 | 89.4 | |
| 2011 | 98.0 | 98.0 | 97.1 | 81.6 | 88.0 | 95.0 | 105.4 | 92.2 | |
| 2012 | 99.4 | 99.3 | 98.1 | 80.7 | 91.6 | 94.8 | 103.3 | 93.7 | |
| 2013 | 100.1 | 100.0 | 97.6 | 86.7 | 97.0 | 96.1 | 101.4 | 95.0 | |
| 2014 | 100.3 | 100.2 | 102.0 | 83.7 | 97.8 | 98.7 | 103.4 | 97.2 | |
| 2015 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| 2016 | 102.2 | 102.3 | 101.5 | 107.9 | 104.5 | 97.6 | 103.5 | 102.6 | |
| 2017 | 104.8 | 104.7 | 103.4 | 109.7 | 110.4 | 95.1 | 106.6 | 104.5 | |
| 2018 | 106.4 | 106.1 | 100.5 | 100.0 | 110.4 | 93.9 | 106.5 | 106.9 | |
| 2019 ^p | 106.3 | 106.1 | 98.3 | 93.7 | 107.5 | 93.1 | 107.7 | 108.4 | |
| 2018 | 2 | 93.4 | 91.6 | 92.1 | 74.3 | 103.9 | 77.1 | 93.4 | 99.8 |
| | 3 | 108.4 | 108.0 | 101.8 | 107.9 | 111.9 | 98.4 | 108.3 | 108.0 |
| | 4 | 106.4 | 106.8 | 101.1 | 111.1 | 111.0 | 98.1 | 104.5 | 106.1 |
| | 5 | 107.4 | 108.1 | 104.9 | 114.3 | 114.8 | 97.9 | 105.8 | 107.1 |
| | 6 | 107.8 | 108.3 | 101.4 | 115.6 | 110.2 | 94.6 | 106.6 | 108.2 |
| | 7 | 108.4 | 108.2 | 103.0 | 102.7 | 113.9 | 88.3 | 104.9 | 106.5 |
| | 8 | 105.5 | 105.1 | 99.8 | 89.9 | 112.9 | 87.5 | 107.2 | 105.8 |
| | 9 | 102.3 | 102.9 | 94.3 | 92.3 | 110.6 | 85.0 | 101.7 | 106.0 |
| | 10 | 112.5 | 113.2 | 102.4 | 111.3 | 107.4 | 105.0 | 114.0 | 108.3 |
| | 11 | 109.7 | 109.7 | 101.0 | 110.5 | 101.7 | 107.0 | 117.1 | 107.7 |
| | 12 | 108.2 | 106.8 | 98.5 | 91.4 | 110.4 | 99.2 | 111.5 | 115.8 |
| | 2019 ^p | 1 | 105.2 | 103.7 | 103.9 | 82.7 | 114.2 | 96.6 | 104.2 |
| 2 | | 89.6 | 88.2 | 89.3 | 66.3 | 102.3 | 77.3 | 88.8 | 99.4 |
| 3 | | 105.7 | 105.2 | 101.4 | 99.1 | 109.3 | 97.7 | 107.1 | 108.7 |
| 4 | | 106.8 | 106.9 | 100.2 | 106.2 | 102.8 | 101.7 | 108.5 | 107.7 |
| 5 | | 108.2 | 108.6 | 101.8 | 106.7 | 103.3 | 101.1 | 109.5 | 109.5 |
| 6 | | 105.6 | 106.0 | 98.6 | 102.5 | 100.5 | 93.2 | 106.2 | 108.2 |
| 7 | | 110.1 | 110.2 | 102.4 | 95.5 | 113.4 | 100.9 | 110.1 | 108.0 |
| 8 | | 103.0 | 102.7 | 95.7 | 91.1 | 112.8 | 77.0 | 102.4 | 108.2 |
| 9 | | 104.1 | 104.4 | 93.2 | 77.0 | 111.2 | 83.0 | 106.0 | 106.8 |
| 10 | | 111.6 | 112.2 | 98.3 | 100.0 | 105.1 | 98.9 | 116.6 | 109.1 |
| 11 | | 111.1 | 111.2 | 97.2 | 102.9 | 101.9 | 94.9 | 112.7 | 110.3 |
| 12 | | 114.8 | 114.2 | 98.1 | 95.4 | 113.4 | 94.3 | 120.6 | 118.8 |
| 2020 ^p | 1 | 102.5 | 101.2 | 94.9 | 66.6 | 113.2 | 77.3 | 98.3 | 106.6 |
| | 2 | 99.8 | 98.8 | 95.2 | 71.7 | 106.5 | 65.4 | 96.1 | 100.6 |

자료: 통계청

Source: Statistics Korea

8.3. 가동률 지수

Operation ratio index

| 구 분 | 총지수 | 1차 철강 | 시멘트 | 기초화학물 | 수송장비 | 전기장비 | |
|-------------------|-------------------|----------------------|---|-----------------|--|----------------------|-------|
| | All items | Basic iron and steel | Cement, lime and plaster and its products | Basic chemicals | Motor vehicles, trailers and semitrailer | Electrical equipment | |
| | 2015=100 | | | | | | |
| 1990 | 104.7 | 119.8 | 153.4 | 92.6 | 83.0 | 93.0 | |
| 1995 | 108.4 | 109.4 | 153.8 | 103.7 | 100.6 | 116.5 | |
| 1996 | 108.1 | 113.1 | 143.2 | 106.0 | 103.5 | 114.2 | |
| 1997 | 106.0 | 115.4 | 140.3 | 110.0 | 92.7 | 112.4 | |
| 1998 | 91.1 | 92.6 | 100.1 | 103.2 | 61.8 | 89.9 | |
| 1999 | 102.5 | 93.9 | 105.2 | 109.0 | 82.5 | 112.0 | |
| 2000 | 104.9 | 99.4 | 116.0 | 110.2 | 79.7 | 103.3 | |
| 2001 | 100.7 | 100.7 | 121.2 | 107.8 | 74.0 | 102.9 | |
| 2002 | 104.7 | 101.1 | 133.1 | 110.9 | 78.0 | 108.6 | |
| 2003 | 104.6 | 104.3 | 132.9 | 110.2 | 78.5 | 100.9 | |
| 2004 | 107.6 | 106.0 | 118.2 | 110.0 | 82.1 | 101.7 | |
| 2005 | 107.2 | 104.0 | 104.5 | 109.7 | 87.1 | 105.9 | |
| 2006 | 107.4 | 103.6 | 106.4 | 110.5 | 90.4 | 106.4 | |
| 2007 | 107.6 | 101.7 | 111.2 | 111.4 | 94.1 | 104.3 | |
| 2008 | 104.2 | 102.3 | 104.9 | 102.9 | 87.8 | 102.1 | |
| 2009 | 100.5 | 88.8 | 99.2 | 105.8 | 80.6 | 100.1 | |
| 2010 | 108.2 | 99.8 | 91.9 | 109.8 | 95.2 | 109.4 | |
| 2011 | 108.5 | 100.3 | 93.6 | 107.0 | 101.5 | 105.8 | |
| 2012 | 105.5 | 100.1 | 93.5 | 106.1 | 98.0 | 102.9 | |
| 2013 | 103.0 | 99.0 | 98.3 | 103.7 | 97.1 | 99.0 | |
| 2014 | 102.0 | 102.4 | 92.3 | 101.8 | 98.5 | 99.0 | |
| 2015 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | |
| 2016 | 99.0 | 101.0 | 106.7 | 102.9 | 93.8 | 102.7 | |
| 2017 | 98.4 | 102.8 | 107.2 | 105.9 | 87.7 | 104.0 | |
| 2018 | 98.8 | 100.1 | 108.4 | 103.5 | 89.6 | 102.2 | |
| 2019 ^p | 98.5 | 98.1 | 101.6 | 99.4 | 92.9 | 103.5 | |
| 2018 | 2 | 86.2 | 91.6 | 74.1 | 97.7 | 71.7 | 90.4 |
| | 3 | 101.4 | 101.1 | 116.6 | 105.0 | 93.9 | 104.9 |
| | 4 | 100.0 | 100.4 | 120.9 | 104.2 | 94.6 | 100.2 |
| | 5 | 102.0 | 104.1 | 124.6 | 108.0 | 93.9 | 102.6 |
| | 6 | 101.2 | 101.1 | 126.8 | 104.5 | 90.6 | 102.4 |
| | 7 | 100.4 | 102.6 | 112.3 | 106.9 | 84.4 | 101.1 |
| | 8 | 97.6 | 99.3 | 99.0 | 105.2 | 84.3 | 101.6 |
| | 9 | 94.0 | 93.8 | 101.1 | 103.3 | 81.3 | 95.7 |
| | 10 | 104.6 | 102.2 | 122.2 | 100.2 | 100.3 | 108.8 |
| | 11 | 101.8 | 100.9 | 122.0 | 94.6 | 102.5 | 112.6 |
| | 12 | 99.0 | 98.3 | 102.5 | 102.7 | 95.0 | 105.8 |
| | 2019 ^p | 1 | 96.8 | 103.7 | 90.4 | 106.1 | 95.5 |
| 2 | | 82.4 | 89.0 | 72.1 | 95.1 | 75.7 | 85.7 |
| 3 | | 98.3 | 101.2 | 107.1 | 101.6 | 96.4 | 103.4 |
| 4 | | 100.1 | 100.0 | 114.5 | 95.7 | 101.6 | 104.1 |
| 5 | | 101.8 | 101.6 | 115.5 | 96.3 | 101.3 | 104.7 |
| 6 | | 98.9 | 98.4 | 111.0 | 92.9 | 93.2 | 102.2 |
| 7 | | 103.6 | 102.1 | 103.6 | 104.5 | 100.9 | 105.8 |
| 8 | | 96.2 | 95.4 | 98.8 | 103.9 | 77.7 | 98.3 |
| 9 | | 96.9 | 92.8 | 83.7 | 102.3 | 83.5 | 101.9 |
| 10 | | 103.7 | 97.9 | 108.4 | 96.6 | 99.2 | 111.5 |
| 11 | | 100.8 | 97.0 | 111.3 | 93.6 | 95.4 | 109.0 |
| 12 | | 102.7 | 97.8 | 102.5 | 103.8 | 94.3 | 115.4 |
| 2020 ^p | 1 | 102.7 | 97.8 | 103.4 | 103.8 | 94.3 | 115.3 |
| | 2 | 92.0 | 94.5 | 72.1 | 104.0 | 77.9 | 93.3 |

자료: 통계청

Source: Statistics Korea

8.4. 투자활동지표

Investment activity indexes

| 구 분 | 설비부문 Facility | | | 건설부문 Construction | | | |
|-------------------|------------------------|--|---|--|--|--|----------|
| | 설비투자 | 설비용기계 내수출하 ¹ | 국내수요기계 수주액 ¹ | 건설기성액 ² | 국내 건설수주액 ² | 건축허가면적 | |
| | Facility investment | Domestic shipment index of machinery and equipment ¹ | Value of domestic machinery orders received ¹ | Value of construction completed ² | Value of domestic constuction order received ² | Permitted floor area for building construction | |
| | 2015=100 | 2015=100 | billion won | | | 1,000 m ² | |
| 1990 | - | 37.6 | - | - | 20,964 | - | |
| 1995 | - | 63.6 | - | - | 49,025 | - | |
| 1996 | 57.3 | 71.4 | - | - | 59,535 | - | |
| 1997 | 54.1 | 71.7 | 18,270 | 29,538 | 62,722 | - | |
| 1998 | 33.8 | 44.9 | 11,508 | 46,887 | 36,027 | - | |
| 1999 | 48.0 | 59.0 | 13,954 | 47,449 | 36,299 | 72,531 | |
| 2000 | 62.3 | 81.2 | 16,583 | 45,990 | 41,778 | 81,055 | |
| 2001 | 57.2 | 76.9 | 15,712 | 50,576 | 50,995 | 97,717 | |
| 2002 | 62.1 | 84.9 | 18,909 | 56,216 | 67,834 | 138,734 | |
| 2003 | 60.7 | 83.3 | 18,125 | 65,553 | 80,897 | 142,108 | |
| 2004 | 62.9 | 81.5 | 19,430 | 72,838 | 77,774 | 117,461 | |
| 2005 | 66.6 | 81.8 | 19,012 | 75,831 | 83,489 | 111,506 | |
| 2006 | 75.1 | 90.7 | 22,042 | 77,839 | 91,001 | 133,270 | |
| 2007 | 80.2 | 93.7 | 26,575 | 82,939 | 112,502 | 150,957 | |
| 2008 | 78.4 | 95.2 | 23,679 | 87,032 | 103,907 | 120,658 | |
| 2009 | 70.9 | 90.2 | 21,863 | 89,819 | 109,088 | 105,137 | |
| 2010 | 89.2 | 108.3 | 23,369 | 92,276 | 89,814 | 125,447 | |
| 2011 | 92.3 | 113.6 | 25,588 | 91,717 | 95,332 | 137,868 | |
| 2012 | 89.7 | 108.3 | 22,593 | 88,713 | 89,395 | 137,142 | |
| 2013 | 88.9 | 100.1 | 24,090 | 98,089 | 77,885 | 127,066 | |
| 2014 | 93.6 | 99.8 | 27,960 | 98,491 | 90,606 | 141,347 | |
| 2015 | 100.0 | 100.0 | 27,224 | 102,614 | 134,493 | 189,840 | |
| 2016 | 101.8 | 101.6 | 28,141 | 119,971 | 145,386 | 178,955 | |
| 2017 | 116.5 | 111.9 | 33,413 | 139,039 | 142,966 | 171,875 | |
| 2018 | 112.3 | 106.6 | 35,057 | 138,417 | 143,292 | 160,964 | |
| 2019 ^p | 105.3 | 95.5 | 34,871 | 132,701 | 152,531 | 144,293 | |
| 2018 | 2 | 110.2 | 95.4 | 2,457.6 | 9,870.2 | 9,460.0 | 12,874.1 |
| | 3 | 128.7 | 118.6 | 3,474.7 | 11,856.8 | 11,827.2 | 14,284.5 |
| | 4 | 119.0 | 110.9 | 3,141.8 | 11,677.8 | 9,244.4 | 14,377.1 |
| | 5 | 118.2 | 114.4 | 2,939.1 | 11,533.4 | 13,675.0 | 13,110.5 |
| | 6 | 115.6 | 116.1 | 3,035.1 | 12,998.9 | 11,336.5 | 14,450.6 |
| | 7 | 110.1 | 106.7 | 2,802.0 | 11,215.8 | 10,618.0 | 16,458.2 |
| | 8 | 103.3 | 98.3 | 2,635.5 | 11,146.2 | 9,100.8 | 11,335.2 |
| | 9 | 98.0 | 95.5 | 2,552.3 | 10,895.4 | 10,694.3 | 10,943.6 |
| | 10 | 107.4 | 100.2 | 2,747.0 | 11,162.4 | 10,718.3 | 12,073.4 |
| | 11 | 105.7 | 103.1 | 2,541.3 | 11,419.9 | 11,925.0 | 14,096.3 |
| | 12 | 113.3 | 111.7 | 3,158.0 | 13,836.2 | 21,742.5 | 14,085.1 |
| | 2019 ^p | 1 | 99.7 | 87.8 | 2,747.6 | 9,959.8 | 9,080.7 |
| 2 | | 82.3 | 78.0 | 2,470.6 | 8,942.7 | 7,562.4 | 11,419.7 |
| 3 | | 108.3 | 98.6 | 3,373.4 | 11,359.7 | 15,697.3 | 13,087.1 |
| 4 | | 113.5 | 99.5 | 3,116.1 | 11,015.4 | 13,105.5 | 12,906.4 |
| 5 | | 108.2 | 97.3 | 3,033.4 | 11,198.5 | 10,390.6 | 10,953.2 |
| 6 | | 107.4 | 101.7 | 2,842.2 | 12,730.7 | 11,450.1 | 10,400.2 |
| 7 | | 106.8 | 92.8 | 2,612.4 | 10,531.1 | 8,348.3 | 12,459.0 |
| 8 | | 101.0 | 86.1 | 2,398.8 | 10,512.6 | 8,597.5 | 10,670.0 |
| 9 | | 97.6 | 89.4 | 2,506.1 | 10,319.9 | 14,266.7 | 10,892.3 |
| 10 | | 105.7 | 97.7 | 2,568.1 | 10,864.1 | 15,106.5 | 13,225.5 |
| 11 | | 106.9 | 95.8 | 2,794.8 | 10,982.1 | 13,334.9 | 12,531.3 |
| 12 | | 125.9 | 1,213.0 | 4,407.6 | 14,296.8 | 25,202.7 | 15,248.0 |
| 2020 ^p | 1 | 95.6 | 82.0 | 3,378.4 | 9,458.0 | 10,159.2 | 8,688.6 |
| | 2 | 94.7 | 83.9 | 3,017.9 | 9,580.5 | 10,464.4 | 12,490.2 |

1. 선박 제외
2. 경상금액
자료: 통계청

1. Excluding vessels
2. Current Account
Source: Statistics Korea

8.5. 국제수지

Balance of payments

| 구 분 | 수출 | | 수입 | | 경상수지 | | | | 자본수지 |
|-------------------|---------|---------|-----------------|---------|----------|----------------|------------------|-------|------|
| | Exports | Imports | Current account | 상품수지 | 서비스수지 | 본원소득수지 | 이전소득수지 | | |
| | | | | Goods | Services | Primary income | Secondary income | | |
| million US\$ | | | | | | | | | |
| 1990 | 65,016 | 69,844 | -2,804 | -3,689 | 501 | -548 | 932 | - | |
| 1995 | 125,058 | 135,119 | -10,230 | -7,004 | -1,395 | -2,122 | 291 | - | |
| 1996 | 129,715 | 150,339 | -24,461 | -17,347 | -4,632 | -2,215 | -268 | - | |
| 1997 | 136,164 | 144,616 | -10,812 | -6,745 | -1,244 | -3,167 | 345 | - | |
| 1998 | 132,313 | 93,282 | 40,113 | 39,614 | 2,881 | -5,201 | 2,819 | 442 | |
| 1999 | 143,685 | 119,752 | 21,785 | 25,446 | 1,042 | -5,537 | 833 | 56 | |
| 2000 | 172,268 | 160,481 | 10,181 | 15,393 | -846 | -4,152 | -214 | 38 | |
| 2001 | 150,439 | 141,098 | 2,165 | 9,407 | -2,266 | -3,714 | -1,261 | -64 | |
| 2002 | 162,471 | 152,126 | 4,066 | 14,414 | -5,826 | -2,407 | -2,114 | -9 | |
| 2003 | 193,817 | 178,827 | 11,308 | 22,138 | -4,845 | -2,820 | -3,165 | -48 | |
| 2004 | 253,845 | 224,463 | 29,290 | 39,173 | -5,050 | -1,794 | -3,038 | 10 | |
| 2005 | 284,419 | 261,238 | 12,209 | 32,493 | -8,984 | -8,041 | -3,258 | -1 | |
| 2006 | 325,465 | 309,383 | 2,095 | 24,515 | -13,040 | -4,998 | -4,382 | -69 | |
| 2007 | 371,489 | 356,846 | 10,473 | 32,436 | -13,040 | -4,537 | -4,387 | 6 | |
| 2008 | 422,007 | 435,275 | 1,753 | 11,746 | -6,311 | -2,416 | -1,267 | 26 | |
| 2009 | 363,534 | 323,085 | 33,088 | 48,056 | -9,338 | -3,436 | -2,195 | -70 | |
| 2010 | 466,384 | 425,212 | 27,951 | 47,932 | -13,973 | -693 | -5,317 | -63 | |
| 2011 | 555,214 | 524,413 | 16,638 | 28,014 | -12,057 | 5,396 | -4,716 | -112 | |
| 2012 | 547,870 | 519,584 | 48,791 | 48,589 | -5,058 | 10,733 | -5,474 | -42 | |
| 2013 | 559,632 | 515,586 | 77,259 | 80,259 | -6,329 | 7,518 | -4,189 | -27 | |
| 2014 | 572,665 | 525,515 | 83,030 | 86,145 | -3,290 | 5,159 | -4,985 | -9 | |
| 2015 | 526,757 | 436,499 | 105,119 | 120,275 | -14,626 | 4,455 | -4,985 | -60 | |
| 2016 | 495,426 | 406,193 | 97,924 | 116,462 | -17,338 | 4,567 | -5,767 | -46 | |
| 2017 | 573,694 | 478,478 | 75,231 | 113,593 | -36,734 | 5,337 | -6,965 | -27 | |
| 2018 | 604,860 | 535,202 | 77,467 | 110,087 | -29,369 | 4,902 | -8,153 | 317 | |
| 2019p | 542,233 | 503,343 | 59,971 | 76,856 | -23,021 | 12,199 | -6,063 | 64 | |
| 2018 | 2 | 44,524 | 41,722 | 3,227 | 4,793 | -2,724 | 1,553 | -396 | -13 |
| | 3 | 51,310 | 44,898 | 5,210 | 9,217 | -2,314 | -1,008 | -684 | 2 |
| | 4 | 49,850 | 43,694 | 1,490 | 9,402 | -1,970 | -5,269 | -673 | 48 |
| | 5 | 50,688 | 44,459 | 8,792 | 10,550 | -1,930 | 901 | -728 | 12 |
| | 6 | 51,079 | 45,000 | 7,980 | 9,414 | -2,231 | 1,361 | -564 | -7 |
| | 7 | 51,810 | 44,917 | 8,874 | 10,685 | -2,837 | 1,693 | -666 | -7 |
| | 8 | 51,180 | 44,361 | 8,581 | 10,928 | -2,128 | 444 | -663 | -4 |
| | 9 | 50,650 | 41,033 | 11,236 | 13,105 | -2,479 | 1,047 | -438 | 73 |
| | 10 | 54,860 | 48,481 | 9,474 | 10,522 | -2,055 | 1,415 | -408 | 82 |
| | 11 | 51,480 | 46,808 | 5,131 | 7,505 | -2,194 | 342 | -523 | -10 |
| | 12 | 48,207 | 44,025 | 4,914 | 6,628 | -1,853 | 880 | -740 | 146 |
| | 2019p | 1 | 46,169 | 45,153 | 3,296 | 5,753 | -3,535 | 1,679 | -601 |
| 2 | | 39,482 | 36,651 | 3,850 | 5,424 | -1,543 | 455 | -486 | -15 |
| 3 | | 47,003 | 41,992 | 5,040 | 8,339 | -2,101 | -615 | -584 | 5 |
| 4 | | 48,781 | 45,047 | -393 | 5,609 | -1,270 | -4,183 | -549 | -20 |
| 5 | | 45,704 | 43,620 | 5,176 | 5,503 | -951 | 1,295 | -672 | 37 |
| 6 | | 44,008 | 40,105 | 5,665 | 6,269 | -2,139 | 2,068 | -532 | -2 |
| 7 | | 46,078 | 43,762 | 6,585 | 6,182 | -1,548 | 2,468 | -518 | -4 |
| 8 | | 44,020 | 42,457 | 4,861 | 4,631 | -1,558 | 2,022 | -235 | -1 |
| 9 | | 44,629 | 38,741 | 7,759 | 8,699 | -2,262 | 1,539 | -217 | -5 |
| 10 | | 46,649 | 41,397 | 7,827 | 8,028 | -1,719 | 1,827 | -309 | -15 |
| 11 | | 44,041 | 40,729 | 5,975 | 7,391 | -1,894 | 967 | -489 | -5 |
| 12 | | 45,668 | 43,687 | 4,331 | 5,028 | -2,504 | 2,678 | -871 | -12 |
| 2020 ^p | 1 | 43,131 | 42,790 | 1,007 | 1,929 | -2,481 | 1,686 | -127 | -16 |
| | 2 | 40,982 | 37,190 | 6,409 | 6,583 | -1,453 | 1,248 | 31 | -4 |

자료: 한국은행

Source: Bank of Korea.

8.6. 자동차 등록대수

| 구 분 | | 총대수 | 유종별 By fuel type | | | | | | | |
|-------------------|-------------------|------------|------------------|--------|-------|-------|---------------------|-------------|---------------------|----------|
| | | | 휘발유 | 경유 | LPG | CNG | 하이브리드 ¹ | 전기 | 기타 ² | 수소 |
| | | Total | Gasoline | Diesel | | | Hybrid ¹ | Electricity | Others ² | hydrogen |
| | | 1,000 unit | 1,000 unit | | | | | | | 1 unit |
| 1999 | | 11,164 | - | - | - | - | - | - | - | - |
| 2000 | | 12,059 | 7,214 | 3,594 | 1,214 | - | - | 0 | 37 | - |
| 2001 | | 12,914 | 7,417 | 4,030 | 1,428 | - | - | 0 | 39 | - |
| 2002 | | 13,949 | 7,672 | 4,607 | 1,625 | - | - | 0 | 44 | - |
| 2003 | | 14,587 | 7,760 | 5,055 | 1,723 | 1 | - | 0 | 46 | - |
| 2004 | | 14,934 | 7,702 | 5,385 | 1,794 | 5 | - | 0 | 48 | - |
| 2005 | | 15,397 | 7,800 | 5,650 | 1,890 | 9 | - | 0 | 48 | - |
| 2006 | | 15,895 | 7,915 | 5,869 | 2,047 | 12 | - | 0 | 51 | - |
| 2007 | | 16,428 | 8,085 | 6,087 | 2,187 | 15 | - | 0 | 53 | - |
| 2008 | | 16,794 | 8,256 | 6,137 | 2,321 | 20 | 4 | - | 55 | - |
| 2009 | | 17,325 | 8,556 | 6,285 | 2,391 | 25 | 5 | - | 63 | - |
| 2010 | | 17,941 | 8,907 | 6,483 | 2,444 | 29 | 7 | 0 | 71 | - |
| 2011 | | 18,437 | 9,170 | 6,705 | 2,429 | 32 | 23 | 0 | 77 | - |
| 2012 | | 18,871 | 9,276 | 7,002 | 2,415 | 37 | 57 | 1 | 82 | - |
| 2013 | | 19,401 | 9,400 | 7,396 | 2,392 | 40 | 85 | 1 | 87 | - |
| 2014 | | 20,118 | 9,587 | 7,939 | 2,337 | 40 | 119 | 3 | 93 | - |
| 2015 | | 20,990 | 9,809 | 8,622 | 2,257 | 40 | 156 | 6 | 100 | 29 |
| 2016 | | 21,803 | 10,092 | 9,170 | 2,167 | 39 | 215 | 11 | 109 | 87 |
| 2017 | | 22,528 | 10,370 | 9,576 | 2,105 | 39 | 296 | 25 | 118 | 170 |
| 2018 | | 23,203 | 10,629 | 9,930 | 2,035 | 39 | 387 | 56 | 126 | 893 |
| 2019 ^p | | 23,677 | 10,961 | 9,958 | 2,005 | 38 | 488 | 90 | 133 | 5,083 |
| 2018 | 2 | 22,639 | 10,421 | 9,631 | 2,093 | 39 | 309 | 27 | 118 | 187 |
| | 3 | 22,694 | 10,446 | 9,656 | 2,087 | 39 | 317 | 29 | 119 | 198 |
| | 4 | 22,759 | 10,473 | 9,691 | 2,082 | 39 | 323 | 31 | 120 | 240 |
| | 5 | 22,817 | 10,491 | 9,726 | 2,076 | 39 | 331 | 33 | 121 | 301 |
| | 6 | 22,882 | 10,510 | 9,765 | 2,071 | 39 | 338 | 37 | 122 | 358 |
| | 7 | 22,944 | 10,529 | 9,802 | 2,066 | 39 | 345 | 40 | 123 | 384 |
| | 8 | 22,990 | 10,545 | 9,829 | 2,060 | 39 | 351 | 43 | 123 | 422 |
| | 9 | 23,043 | 10,567 | 9,854 | 2,055 | 39 | 357 | 46 | 124 | 466 |
| | 10 | 23,091 | 10,589 | 9,874 | 2,049 | 39 | 366 | 50 | 125 | 592 |
| | 11 | 23,156 | 10,613 | 9,904 | 2,043 | 39 | 377 | 54 | 125 | 753 |
| | 12 | 23,203 | 10,629 | 9,930 | 2,035 | 39 | 387 | 56 | 126 | 893 |
| | 2019 ^p | 1 | 23,276 | 10,659 | 9,970 | 2,029 | 39 | 396 | 56 | 126 |
| 2 | | 23,298 | 10,673 | 9,976 | 2,024 | 39 | 402 | 57 | 126 | 978 |
| 3 | | 23,322 | 10,697 | 9,968 | 2,019 | 39 | 411 | 61 | 127 | 1,079 |
| 4 | | 23,349 | 10,724 | 9,956 | 2,017 | 39 | 420 | 65 | 128 | 1,442 |
| 5 | | 23,393 | 10,751 | 9,959 | 2,015 | 39 | 429 | 69 | 128 | 1,901 |
| 6 | | 23,444 | 10,776 | 9,975 | 2,013 | 39 | 438 | 73 | 129 | 2,353 |
| 7 | | 23,501 | 10,803 | 9,992 | 2,012 | 39 | 446 | 76 | 130 | 2,774 |
| 8 | | 23,542 | 10,829 | 10,002 | 2,008 | 38 | 452 | 79 | 131 | 2,955 |
| 9 | | 23,575 | 10,862 | 9,993 | 2,007 | 38 | 459 | 81 | 131 | 3,436 |
| 10 | | 23,594 | 10,892 | 9,970 | 2,007 | 38 | 467 | 83 | 132 | 3,951 |
| 11 | | 23,634 | 10,931 | 9,959 | 2,006 | 38 | 476 | 87 | 132 | 4,650 |
| 12 | | 23,677 | 10,961 | 9,958 | 2,005 | 38 | 488 | 90 | 133 | 5,083 |
| 2020 ^p | 1 | 23,730 | 10,990 | 9,971 | 2,006 | 38 | 496 | 91 | 134 | 5,167 |
| | 2 | 23,743 | 11,004 | 9,964 | 2,004 | 38 | 500 | 94 | 134 | 5,558 |

1. 하이브리드: 휘발유+전기

2. 기타는 등유, 알코올, 태양열, LNG, 하이브리드(경유+전기, LPG+전기, CNG+전기, LNG+전기), 기타연료를 포함

자료: 국토교통부 통계누리

Motor vehicle registration

| 용도별 By vehicle usage | | | 차종별 By type of vehicle | | | | 구분 | |
|----------------------|----------------|-------------------|------------------------|-------------|--------------|---------------|-------------------|-------------------|
| 관용 Government | 자가용 Private | 영업용 Commercial | 승용 Passenger | 승합 Buses | 화물 Trucks | 특수 Special | | |
| 1,000 unit | | | 1,000 unit | | | | | |
| 50 | 10,550 | 564 | 7,837 | 993 | 2,298 | 35 | 1999 | |
| 50 | 11,389 | 620 | 8,084 | 1,427 | 2,511 | 37 | 2000 | |
| 52 | 12,194 | 669 | 8,889 | 1,257 | 2,728 | 39 | 2001 | |
| 53 | 13,173 | 723 | 9,737 | 1,275 | 2,894 | 42 | 2002 | |
| 55 | 13,781 | 751 | 10,279 | 1,247 | 3,016 | 45 | 2003 | |
| 57 | 14,111 | 767 | 10,621 | 1,204 | 3,062 | 47 | 2004 | |
| 58 | 14,555 | 784 | 11,122 | 1,125 | 3,102 | 48 | 2005 | |
| 59 | 15,019 | 817 | 11,607 | 1,106 | 3,133 | 49 | 2006 | |
| 61 | 15,496 | 871 | 12,100 | 1,105 | 3,171 | 52 | 2007 | |
| 62 | 15,821 | 911 | 12,484 | 1,097 | 3,160 | 53 | 2008 | |
| 64 | 16,330 | 930 | 13,024 | 1,081 | 3,167 | 54 | 2009 | |
| 66 | 16,901 | 974 | 13,632 | 1,050 | 3,204 | 56 | 2010 | |
| 69 | 17,357 | 1,011 | 14,136 | 1,015 | 3,226 | 59 | 2011 | |
| 71 | 17,747 | 1,052 | 14,577 | 987 | 3,244 | 63 | 2012 | |
| 73 | 18,202 | 1,126 | 15,078 | 971 | 3,286 | 66 | 2013 | |
| 75 | 18,830 | 1,213 | 15,747 | 947 | 3,354 | 70 | 2014 | |
| 78 | 19,623 | 1,290 | 16,562 | 920 | 3,433 | 75 | 2015 | |
| 80 | 20,345 | 1,378 | 17,338 | 893 | 3,492 | 80 | 2016 | |
| 86 | 20,984 | 1,458 | 18,035 | 868 | 3,540 | 86 | 2017 | |
| 90 | 21,540 | 1,573 | 18,677 | 844 | 3,591 | 91 | 2018 | |
| 92 | 21,908 | 1,677 | 19,178 | 812 | 3,593 | 95 | 2019 ^p | |
| 86 | 21,080 | 1,473 | 18,141 | 863 | 3,548 | 87 | 2 | 2018 |
| 86 | 21,128 | 1,480 | 18,198 | 860 | 3,549 | 87 | 3 | |
| 86 | 21,184 | 1,488 | 18,260 | 858 | 3,553 | 87 | 4 | |
| 87 | 21,233 | 1,497 | 18,315 | 856 | 3,559 | 88 | 5 | |
| 88 | 21,287 | 1,507 | 18,374 | 854 | 3,565 | 88 | 6 | |
| 88 | 21,335 | 1,521 | 18,430 | 853 | 3,572 | 89 | 7 | |
| 88 | 21,364 | 1,538 | 18,476 | 851 | 3,574 | 89 | 8 | |
| 88 | 21,407 | 1,547 | 18,525 | 850 | 3,578 | 90 | 9 | |
| 89 | 21,449 | 1,553 | 18,573 | 847 | 3,581 | 90 | 10 | |
| 90 | 21,504 | 1,562 | 18,633 | 846 | 3,587 | 90 | 11 | |
| 90 | 21,540 | 1,573 | 18,677 | 844 | 3,591 | 91 | 12 | |
| 90 | 21,605 | 1,581 | 18,738 | 843 | 3,604 | 91 | 1 | 2019 ^p |
| 90 | 21,622 | 1,586 | 18,761 | 840 | 3,605 | 92 | 2 | |
| 90 | 21,638 | 1,594 | 18,791 | 837 | 3,602 | 92 | 3 | |
| 90 | 21,656 | 1,603 | 18,825 | 833 | 3,599 | 93 | 4 | |
| 91 | 21,688 | 1,613 | 18,870 | 830 | 3,600 | 93 | 5 | |
| 92 | 21,727 | 1,626 | 18,918 | 829 | 3,604 | 93 | 6 | |
| 92 | 21,772 | 1,637 | 18,971 | 826 | 3,610 | 94 | 7 | |
| 91 | 21,806 | 1,644 | 19,011 | 824 | 3,612 | 94 | 8 | |
| 92 | 21,832 | 1,651 | 19,052 | 821 | 3,608 | 94 | 9 | |
| 92 | 21,843 | 1,659 | 19,083 | 817 | 3,599 | 95 | 10 | |
| 92 | 21,874 | 1,668 | 19,129 | 815 | 3,595 | 95 | 11 | |
| 92 | 21,908 | 1,677 | 19,178 | 812 | 3,593 | 95 | 12 | |
| 92 | 21,952 | 1,686 | 19,224 | 811 | 3,599 | 96 | 1 | 2020 ^p |
| 92 | 21,965 | 1,687 | 19,238 | 808 | 3,601 | 97 | 2 | |

1. Sum of Gasoline and Electricity

2. Includes Kerosene, Alcohol, Solar, LNG, Hybrid (Diesel+Electricity, LPG+Electricity, CNG+Electricity, LNG+Electricity) and Others

Source: Ministry of Land, Infrastructure and Transport

8.7. 냉난방도일

Heating and cooling degree-days

| 구 분 | 평균기온 Average temperature °C | | 난방도일 Heating degree day | 냉방도일 Cooling degree day |
|-------------------|-----------------------------------|------|----------------------------|----------------------------|
| | | | | |
| 1990 | | 12.8 | 2,557.6 | 673.8 |
| 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 |
| 2013 | | 12.5 | 2,908.0 | 908.9 |
| 2014 | | 13.4 | 2,501.6 | 822.7 |
| 2015 | | 13.6 | 2,459.1 | 861.1 |
| 2016 | | 13.6 | 2,589.7 | 976.7 |
| 2017 | | 13.0 | 2,687.6 | 889.4 |
| 2018 | | 12.9 | 2,763.4 | 939.3 |
| 2019 ^p | | 12.9 | 2,525.5 | 887.9 |
| 2018 | 2 | -1.6 | 550.1 | 0.0 |
| | 3 | 8.1 | 307.5 | 0.0 |
| | 4 | 13.0 | 153.1 | 2.7 |
| | 5 | 18.2 | 32.3 | 37.5 |
| | 6 | 23.1 | 0.0 | 154.1 |
| | 7 | 27.8 | 0.0 | 303.7 |
| | 8 | 28.8 | 0.0 | 333.6 |
| | 9 | 21.5 | 1.5 | 106.4 |
| | 10 | 13.1 | 154.6 | 1.3 |
| | 11 | 7.8 | 306.2 | 0.0 |
| | 12 | -0.6 | 576.8 | 0.0 |
| 2019 ^p | 1 | -0.9 | 582.8 | 0.0 |
| | 2 | 1.0 | 476.4 | 0.0 |
| | 3 | 7.1 | 336.3 | 0.0 |
| | 4 | 12.1 | 181.6 | 5.2 |
| | 5 | 19.4 | 15.7 | 59.7 |
| | 6 | 22.5 | 18.0 | 135.1 |
| | 7 | 25.9 | 0.0 | 244.2 |
| | 8 | 27.2 | 0.0 | 284.9 |
| | 9 | 22.6 | 18.0 | 139.3 |
| | 10 | 16.4 | 70.0 | 19.5 |
| | 11 | 7.6 | 312.6 | 0.0 |
| | 12 | 1.4 | 514.1 | 0.0 |
| 2020 ^p | 1 | 1.6 | 505.4 | 0.0 |
| | 2 | 2.5 | 448.5 | 0.0 |

자료: 기상청

ISource: Korea Meteorological Administration

8.8. 도시가구 가계수지

Average income and expenditure per household in cities

| 구 분 | | 도시가구 Household in cities | | | | 도시근로자 가구 Household for urban salsry and wage earner's households | | | |
|-------------------|-----|-----------------------------|--|---------------------|--------------------------|---|--|---------------------|--------------------------|
| | | 소득 Income | 소비지출 Consumption expenditure | | | 소득 Income | 소비지출 Consumption expenditure | | |
| | | | | 교통 Transport | 연료비 Fuel expenses | | | 교통 Transport | 연료비 Fuel expenses |
| | | 1,000 won | | | | | | | |
| 1990 | | 938 | 603 | 48 | 22 | 945 | 579 | 47 | 21 |
| 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 |
| 2013 | | 4,203 | 2,507 | 306 | 118 | 4,606 | 2,655 | 334 | 116 |
| 2014 | | 4,335 | 2,567 | 331 | 111 | 4,735 | 2,724 | 365 | 109 |
| 2015 | | 4,405 | 2,577 | 317 | 116 | 4,817 | 2,723 | 336 | 124 |
| 2016 | | 4,427 | 2,573 | 304 | 108 | 4,884 | 2,740 | 331 | 115 |
| 2017 | | 4,525 | 2,673 | 386 | 102 | 5,003 | 2,900 | 439 | 114 |
| 2018 | | 4,751 | 2,616 | 348 | 104 | 5,402 | 2,835 | 399 | 113 |
| 2019 ^p | | 4,896 | - | - | - | 5,555 | - | - | - |
| 2017 | 1/4 | 4,427 | - | - | - | 4,884 | - | - | - |
| | 2/4 | 4,665 | - | - | - | 5,318 | - | - | - |
| | 3/4 | 4,380 | - | - | - | 4,734 | - | - | - |
| | 4/4 | 4,581 | - | - | - | 5,068 | - | - | - |
| 2018 | 1/4 | 4,525 | - | - | - | 5,003 | - | - | - |
| | 2/4 | 4,855 | - | - | - | 5,670 | - | - | - |
| | 3/4 | 4,619 | - | - | - | 5,168 | - | - | - |
| | 4/4 | 4,844 | - | - | - | 5,495 | - | - | - |
| 2019 ^p | 1/4 | 4,751 | - | - | - | 5,402 | - | - | - |
| | 2/4 | 4,918 | - | - | - | 5,660 | - | - | - |
| | 3/4 | 4,802 | - | - | - | 5,374 | - | - | - |
| | 4/4 | 4,984 | - | - | - | 5,691 | - | - | - |

자료: 통계청

Source: Statistics Korea

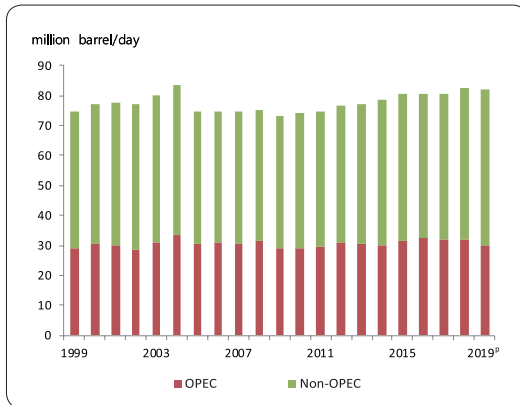
9. 해외 에너지

World energy

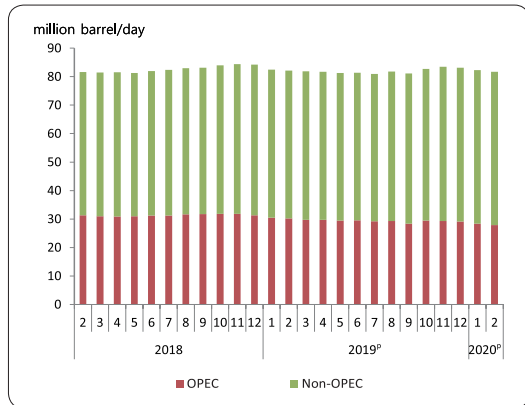


□ 세계 원유 생산 World crude oil production

<1999~2019^P>

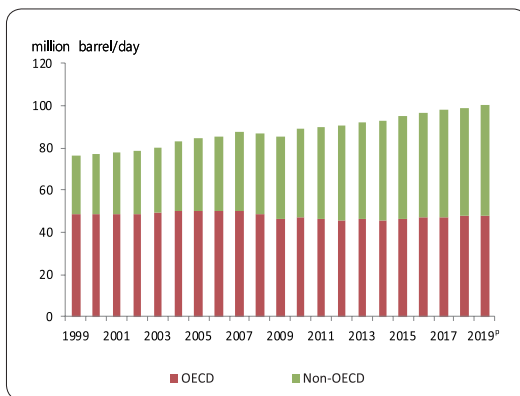


<월별 Monthly>

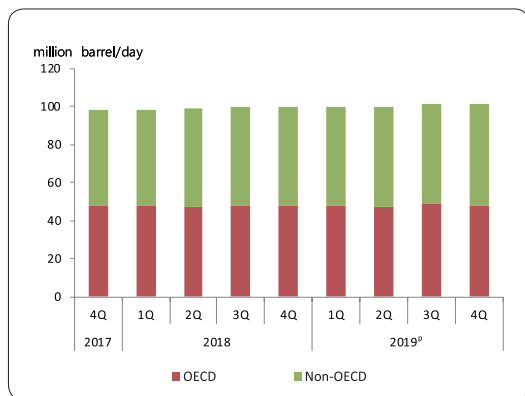


□ 세계 석유 수요 World oil demand

<1999~2019^P>

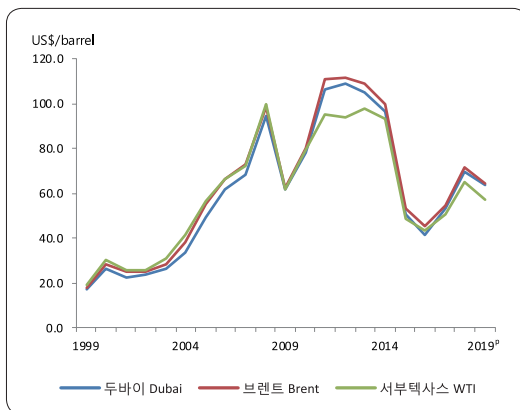


<분기 Quarterly>

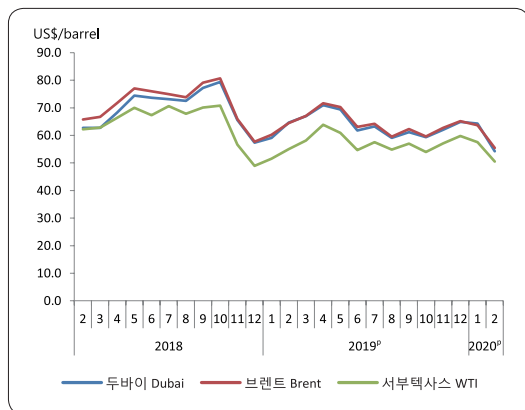


□ 국제 석유 가격 International oil price

<1999~2019^P>



<월별 Monthly>



9.1.1 세계 원유 생산: OPEC

World crude oil production: OPEC members

| 구 분 | | OPEC ¹ OPEC ¹ | 사우디아라비아 ² Saudi Arabia ² | 이란 Iran | 이라크 Iraq | 쿠웨이트 ² Kuwait ² | 아랍에미레이트 UAE | 베네주엘라 Venezuela | 나이지리아 Nigeria |
|-------------------|----|--|---|------------|-------------|--|----------------|--------------------|------------------|
| | | Million barrel/day | | | | | | | |
| 1998 | | 30.59 | 8.37 | 3.63 | 2.11 | 2.09 | 2.30 | 3.12 | 2.11 |
| 1999 | | 29.24 | 7.78 | 3.50 | 2.52 | 1.91 | 2.07 | 2.78 | 1.95 |
| 2000 | | 30.77 | 8.28 | 3.68 | 2.57 | 2.04 | 2.24 | 2.89 | 2.04 |
| 2001 | | 30.28 | 7.98 | 3.70 | 2.36 | 2.00 | 2.16 | 2.81 | 2.08 |
| 2002 | | 28.80 | 7.65 | 3.40 | 2.01 | 1.87 | 1.99 | 2.44 | 1.97 |
| 2003 | | 30.84 | 8.78 | 3.78 | 1.32 | 2.17 | 2.29 | 2.26 | 2.15 |
| 2004 | | 33.29 | 8.90 | 3.93 | 1.99 | 2.35 | 2.35 | 2.52 | 2.32 |
| 2005 | | 30.13 | 9.64 | 3.88 | 1.81 | 2.71 | 2.46 | 2.79 | 2.40 |
| 2006 | | 30.33 | 9.51 | 3.91 | 1.90 | 2.79 | 2.62 | 2.73 | 2.24 |
| 2007 | | 30.10 | 9.04 | 3.98 | 2.09 | 2.72 | 2.52 | 2.74 | 2.13 |
| 2008 | | 31.02 | 9.49 | 3.90 | 2.38 | 2.89 | 2.59 | 2.78 | 1.95 |
| 2016 | | 28.65 | 8.45 | 3.74 | 2.43 | 2.54 | 2.27 | 2.67 | 1.82 |
| 2010 | | 28.76 | 8.44 | 3.70 | 2.36 | 2.56 | 2.31 | 2.53 | 2.07 |
| 2011 | | 29.28 | 9.65 | 3.62 | 2.67 | 2.83 | 2.50 | 2.50 | 2.03 |
| 2012 | | 30.75 | 10.06 | 3.00 | 2.95 | 3.01 | 2.65 | 2.50 | 2.01 |
| 2013 | | 29.78 | 9.92 | 2.68 | 3.08 | 3.07 | 2.76 | 2.50 | 1.84 |
| 2014 | | 29.66 | 9.91 | 2.81 | 3.34 | 2.98 | 2.77 | 2.46 | 1.85 |
| 2015 | | 30.88 | 10.20 | 2.85 | 4.00 | 2.82 | 2.95 | 2.46 | 1.77 |
| 2016 | | 31.81 | 10.42 | 3.55 | 4.42 | 2.88 | 3.05 | 2.24 | 1.47 |
| 2017 | | 31.48 | 9.96 | 3.81 | 4.47 | 2.71 | 2.93 | 1.97 | 1.53 |
| 2018 | | 31.36 | 10.33 | 3.58 | 4.57 | 2.75 | 3.00 | 1.40 | 1.60 |
| 2019 ^o | | 29.49 | 9.80 | 2.36 | 4.71 | 2.68 | 3.18 | 0.87 | 1.73 |
| 2018 | 2 | 31.28 | 9.96 | 3.85 | 4.46 | 2.70 | 2.80 | 1.55 | 1.68 |
| | 3 | 31.01 | 9.92 | 3.85 | 4.44 | 2.70 | 2.87 | 1.47 | 1.62 |
| | 4 | 30.90 | 9.92 | 3.85 | 4.41 | 2.71 | 2.87 | 1.44 | 1.59 |
| | 5 | 30.96 | 10.03 | 3.85 | 4.47 | 2.70 | 2.87 | 1.43 | 1.47 |
| | 6 | 31.22 | 10.46 | 3.83 | 4.56 | 2.72 | 2.90 | 1.42 | 1.46 |
| | 7 | 31.20 | 10.35 | 3.78 | 4.61 | 2.80 | 2.98 | 1.34 | 1.53 |
| | 8 | 31.63 | 10.42 | 3.62 | 4.66 | 2.80 | 2.98 | 1.32 | 1.67 |
| | 9 | 31.73 | 10.52 | 3.44 | 4.67 | 2.78 | 3.05 | 1.32 | 1.65 |
| | 10 | 31.86 | 10.64 | 3.32 | 4.65 | 2.76 | 3.22 | 1.30 | 1.65 |
| | 11 | 31.86 | 11.06 | 2.97 | 4.60 | 2.77 | 3.32 | 1.30 | 1.61 |
| | 12 | 31.30 | 10.64 | 2.80 | 4.77 | 2.80 | 3.25 | 1.29 | 1.62 |
| 2019 ^o | 1 | 30.51 | 10.24 | 2.70 | 4.78 | 2.72 | 3.10 | 1.28 | 1.65 |
| | 2 | 30.22 | 10.14 | 2.74 | 4.72 | 2.71 | 3.05 | 1.14 | 1.69 |
| | 3 | 29.70 | 9.80 | 2.78 | 4.59 | 2.71 | 3.05 | 0.90 | 1.73 |
| | 4 | 29.69 | 9.81 | 2.63 | 4.67 | 2.69 | 3.05 | 0.86 | 1.71 |
| | 5 | 29.46 | 9.70 | 2.36 | 4.79 | 2.71 | 3.05 | 0.86 | 1.66 |
| | 6 | 29.56 | 9.77 | 2.23 | 4.73 | 2.64 | 3.30 | 0.87 | 1.80 |
| | 7 | 29.20 | 9.65 | 2.20 | 4.78 | 2.67 | 3.15 | 0.81 | 1.83 |
| | 8 | 29.30 | 9.79 | 2.18 | 4.81 | 2.63 | 3.20 | 0.80 | 1.81 |
| | 9 | 28.37 | 9.02 | 2.18 | 4.77 | 2.65 | 3.15 | 0.65 | 1.80 |
| | 10 | 29.49 | 10.20 | 2.14 | 4.69 | 2.63 | 3.18 | 0.70 | 1.78 |
| | 11 | 29.31 | 9.88 | 2.10 | 4.63 | 2.71 | 3.45 | 0.79 | 1.66 |
| | 12 | 29.13 | 9.65 | 2.10 | 4.58 | 2.71 | 3.39 | 0.84 | 1.65 |
| 2020 ^o | 1 | 28.36 | 9.72 | 2.06 | 4.54 | 2.67 | 3.09 | 0.84 | 1.68 |
| | 2 | 27.90 | 9.74 | 2.02 | 4.59 | 2.67 | 3.21 | 0.80 | 1.74 |

1. 기타석유, NGL, Cond. 포함.

2. 중립지대 지분 포함.

자료: IEA, Oil market report

1. Include others, NGL, Cond.

2. Include the Neutral zone

Source: IEA, Oil market report

9.1.2 세계 원유 생산: 비OPEC

World crude oil production: Non-OPEC and world

| 구 분 | | 세계 ¹ World ¹ | 비OPEC ¹ Non-OPEC ¹ | 미국 USA | 캐나다 Canada | 러시아 Russia | 중국 China | 멕시코 Mexico | 브라질 Brazil |
|-------------------|----|---------------------------------------|---|-----------|---------------|---------------|-------------|---------------|---------------|
| | | Million barrel/day | | | | | | | |
| 1998 | | 76.03 | 45.44 | 8.28 | 2.66 | 6.07 | 3.22 | 3.52 | 1.00 |
| 1999 | | 74.76 | 45.53 | 8.02 | 2.61 | 6.10 | 3.20 | 3.37 | 1.13 |
| 2000 | | 77.32 | 46.55 | 8.02 | 2.72 | 6.53 | 3.26 | 3.45 | 1.27 |
| 2001 | | 77.52 | 47.24 | 7.94 | 2.73 | 7.06 | 3.29 | 3.57 | 1.34 |
| 2002 | | 77.32 | 48.53 | 7.90 | 2.86 | 7.74 | 3.35 | 3.59 | 1.50 |
| 2003 | | 80.27 | 49.43 | 7.61 | 3.00 | 8.58 | 3.40 | 3.80 | 1.55 |
| 2004 | | 83.45 | 50.16 | 7.45 | 3.08 | 9.37 | 3.52 | 3.83 | 1.54 |
| 2005 | | 74.63 | 43.97 | 5.18 | 1.83 | 9.49 | 3.59 | 3.33 | 1.64 |
| 2006 | | 74.75 | 43.89 | 5.09 | 1.87 | 9.57 | 3.62 | 3.26 | 1.73 |
| 2007 | | 74.71 | 44.10 | 5.07 | 1.92 | 9.86 | 3.68 | 3.08 | 1.75 |
| 2008 | | 75.41 | 43.89 | 5.00 | 1.93 | 9.78 | 3.73 | 2.79 | 1.82 |
| 2009 | | 73.29 | 44.17 | 5.36 | 1.81 | 9.92 | 3.74 | 2.60 | 1.96 |
| 2010 | | 74.29 | 45.06 | 5.48 | 1.93 | 10.14 | 4.02 | 2.58 | 2.06 |
| 2011 | | 74.79 | 45.01 | 5.67 | 2.05 | 10.27 | 4.02 | 2.55 | 2.12 |
| 2012 | | 76.70 | 45.45 | 6.52 | 2.23 | 10.37 | 4.07 | 2.55 | 2.07 |
| 2013 | | 76.94 | 46.64 | 7.49 | 2.42 | 10.51 | 4.11 | 2.52 | 2.04 |
| 2014 | | 78.57 | 48.36 | 8.79 | 2.66 | 10.58 | 4.13 | 2.43 | 2.27 |
| 2015 | | 80.76 | 49.35 | 9.44 | 2.70 | 10.72 | 4.22 | 2.27 | 2.45 |
| 2016 | | 80.72 | 48.36 | 8.84 | 2.75 | 10.96 | 3.91 | 2.16 | 2.52 |
| 2017 | | 80.70 | 48.69 | 9.35 | 2.97 | 10.98 | 3.79 | 1.95 | 2.64 |
| 2018 | | 82.54 | 50.66 | 10.99 | 3.28 | 11.16 | 3.72 | 1.83 | 2.60 |
| 2019 ^p | | 82.02 | 52.01 | 12.24 | 3.30 | 11.25 | 3.77 | 1.70 | 2.79 |
| 2018 | 2 | 81.61 | 50.33 | 10.28 | 3.18 | 10.96 | 3.70 | 1.89 | 2.63 |
| | 3 | 81.49 | 50.48 | 10.50 | 3.24 | 10.97 | 3.70 | 1.86 | 2.57 |
| | 4 | 81.50 | 50.61 | 10.51 | 3.20 | 10.97 | 3.72 | 1.89 | 2.61 |
| | 5 | 81.27 | 50.29 | 10.46 | 3.28 | 10.97 | 3.70 | 1.87 | 2.62 |
| | 6 | 81.98 | 50.76 | 10.65 | 3.18 | 11.07 | 3.80 | 1.85 | 2.60 |
| | 7 | 82.41 | 51.19 | 10.89 | 3.35 | 11.21 | 3.68 | 1.84 | 2.59 |
| | 8 | 82.95 | 51.31 | 11.36 | 3.43 | 11.21 | 3.71 | 1.82 | 2.53 |
| | 9 | 83.15 | 51.42 | 11.50 | 3.32 | 11.37 | 3.64 | 1.83 | 2.50 |
| | 10 | 83.94 | 52.10 | 11.63 | 3.38 | 11.42 | 3.73 | 1.77 | 2.63 |
| | 11 | 84.39 | 52.52 | 12.00 | 3.31 | 11.38 | 3.72 | 1.72 | 2.58 |
| | 12 | 84.23 | 52.93 | 12.04 | 3.39 | 11.45 | 3.79 | 1.73 | 2.70 |
| 2019 ^p | 1 | 82.50 | 51.99 | 11.86 | 3.07 | 11.38 | 3.74 | 1.64 | 2.63 |
| | 2 | 82.10 | 51.88 | 11.67 | 3.14 | 11.34 | 3.74 | 1.72 | 2.49 |
| | 3 | 81.87 | 52.17 | 11.89 | 3.21 | 11.30 | 3.84 | 1.71 | 2.56 |
| | 4 | 81.73 | 52.04 | 12.12 | 3.40 | 11.24 | 3.77 | 1.69 | 2.60 |
| | 5 | 81.32 | 51.86 | 12.11 | 3.24 | 11.11 | 3.76 | 1.68 | 2.73 |
| | 6 | 81.40 | 51.84 | 12.06 | 3.29 | 11.16 | 3.86 | 1.69 | 2.56 |
| | 7 | 80.92 | 51.72 | 11.82 | 3.17 | 11.15 | 3.78 | 1.70 | 2.78 |
| | 8 | 81.82 | 52.52 | 12.38 | 3.21 | 11.30 | 3.75 | 1.72 | 2.99 |
| | 9 | 81.10 | 52.73 | 12.48 | 3.32 | 11.26 | 3.75 | 1.74 | 2.93 |
| | 10 | 82.68 | 53.19 | 12.67 | 3.49 | 11.24 | 3.74 | 1.69 | 2.96 |
| | 11 | 83.44 | 54.13 | 12.87 | 3.53 | 11.26 | 3.76 | 1.73 | 3.09 |
| | 12 | 83.17 | 54.04 | 12.80 | 3.49 | 11.27 | 3.73 | 1.74 | 3.11 |
| 2020 ^p | 1 | 82.33 | 53.97 | 12.74 | 3.35 | 11.32 | 3.84 | 1.76 | 3.17 |
| | 2 | 81.75 | 53.85 | 12.65 | 3.37 | 11.30 | 3.84 | 1.76 | 2.97 |

1. 기타석유, NGL, Cond. 포함.
자료: IEA, Oil market report

1. Include others, NGL, Cond.
Source: IEA, Oil market report

9.2. 세계 석유 수요

World oil demand

| 구 분 | 세계 | OECD | | | | 비OECD | | | | | | | | |
|-------------------|--------------------|-------|----------|--------|---------------|--------------|------|--------|-------|---------------|------------------|----------------|--------|-----|
| | | | 아메리카 | 유럽 | 아시아· 오세아니아 | | 구소련 | 유럽 | 중국 | 기타 아시아 | 중남미 | 중동 | 아프리카 | |
| | World | OECD | Americas | Europe | Asia-Oceania | Non- OECD | FSU | Europe | China | Other Asia | Latin America | Middle East | Africa | |
| | million barrel/day | | | | | | | | | | | | | |
| 1999 | 76.4 | 48.5 | 24.1 | 15.4 | 8.9 | 27.9 | 3.7 | 0.6 | 4.3 | 7.5 | 4.7 | 4.6 | 2.5 | |
| 2000 | 77.2 | 48.5 | 24.3 | 15.3 | 8.9 | 28.7 | 3.8 | 0.6 | 4.6 | 7.7 | 4.8 | 4.7 | 2.5 | |
| 2001 | 77.9 | 48.6 | 24.3 | 15.5 | 8.8 | 29.3 | 3.8 | 0.6 | 4.8 | 7.9 | 4.8 | 4.9 | 2.6 | |
| 2002 | 78.6 | 48.5 | 24.4 | 15.4 | 8.7 | 30.1 | 3.8 | 0.6 | 5.1 | 8.1 | 4.7 | 5.1 | 2.6 | |
| 2003 | 80.2 | 49.3 | 24.8 | 15.5 | 8.9 | 30.9 | 3.9 | 0.7 | 5.6 | 8.3 | 4.6 | 5.2 | 2.7 | |
| 2004 | 83.2 | 50.1 | 25.7 | 15.6 | 8.8 | 33.1 | 3.9 | 0.7 | 6.5 | 8.9 | 4.9 | 5.5 | 2.8 | |
| 2005 | 84.6 | 50.4 | 25.8 | 15.7 | 8.8 | 34.1 | 3.9 | 0.7 | 6.7 | 8.9 | 5.1 | 5.9 | 2.9 | |
| 2006 | 85.6 | 50.2 | 25.7 | 15.7 | 8.8 | 35.4 | 4.1 | 0.7 | 7.2 | 9.2 | 5.2 | 6.1 | 2.9 | |
| 2007 | 87.1 | 50.1 | 25.9 | 15.5 | 8.6 | 37.1 | 4.1 | 0.7 | 7.6 | 9.8 | 5.3 | 6.4 | 3.1 | |
| 2008 | 86.5 | 48.4 | 24.6 | 15.5 | 8.3 | 38.1 | 4.2 | 0.7 | 7.8 | 9.6 | 5.7 | 6.9 | 3.3 | |
| 2009 | 85.6 | 46.3 | 23.7 | 14.7 | 7.9 | 39.3 | 4.0 | 0.7 | 7.9 | 10.2 | 5.7 | 7.2 | 3.5 | |
| 2010 | 88.7 | 47.0 | 24.2 | 14.7 | 8.1 | 41.7 | 4.2 | 0.7 | 9.0 | 10.9 | 6.1 | 7.3 | 3.6 | |
| 2011 | 89.5 | 46.4 | 24.0 | 14.3 | 8.1 | 43.1 | 4.5 | 0.7 | 9.4 | 11.2 | 6.2 | 7.5 | 3.6 | |
| 2012 | 90.7 | 45.9 | 23.6 | 13.8 | 8.5 | 44.8 | 4.6 | 0.7 | 9.9 | 11.4 | 6.5 | 7.8 | 3.8 | |
| 2013 | 91.9 | 46.0 | 24.1 | 13.6 | 8.3 | 45.9 | 4.7 | 0.7 | 10.3 | 11.8 | 6.7 | 7.9 | 3.9 | |
| 2014 | 92.8 | 45.7 | 24.1 | 13.5 | 8.1 | 47.1 | 4.9 | 0.7 | 10.6 | 12.0 | 6.8 | 8.0 | 4.0 | |
| 2015 | 95.0 | 46.4 | 24.6 | 13.7 | 8.0 | 48.6 | 4.6 | 0.7 | 11.5 | 12.5 | 6.8 | 8.4 | 4.1 | |
| 2016 | 96.4 | 47.0 | 24.9 | 14.0 | 8.1 | 49.4 | 4.5 | 0.7 | 12.0 | 13.0 | 6.4 | 8.5 | 4.3 | |
| 2017 | 97.9 | 47.4 | 25.1 | 14.3 | 8.1 | 50.5 | 4.5 | 0.7 | 12.6 | 13.4 | 6.5 | 8.5 | 4.3 | |
| 2018 | 99.1 | 47.7 | 25.5 | 14.3 | 7.9 | 51.4 | 4.8 | 0.8 | 13.0 | 13.8 | 6.4 | 8.3 | 4.3 | |
| 2019 ^p | 100.5 | 47.9 | 25.7 | 14.3 | 7.9 | 52.6 | 4.9 | 0.8 | 13.5 | 14.3 | 6.4 | 8.4 | 4.4 | |
| 2017 | 1Q | 96.6 | 46.7 | 24.4 | 13.9 | 8.4 | 49.9 | 4.7 | 0.7 | 12.2 | 13.5 | 6.5 | 8.1 | 4.2 |
| | 2Q | 97.8 | 47.0 | 25.0 | 14.2 | 7.8 | 50.8 | 4.8 | 0.7 | 12.7 | 13.4 | 6.6 | 8.4 | 4.2 |
| | 3Q | 97.8 | 47.4 | 25.0 | 14.6 | 7.8 | 50.4 | 5.0 | 0.7 | 12.1 | 13.0 | 6.7 | 8.8 | 4.1 |
| | 4Q | 98.3 | 47.6 | 25.1 | 14.2 | 8.3 | 50.7 | 4.9 | 0.8 | 12.3 | 13.6 | 6.6 | 8.2 | 4.3 |
| 2018 | 1Q | 98.3 | 47.9 | 25.3 | 14.1 | 8.5 | 50.4 | 4.6 | 0.7 | 12.7 | 13.7 | 6.4 | 7.9 | 4.4 |
| | 2Q | 98.7 | 47.1 | 25.2 | 14.3 | 7.6 | 51.6 | 4.8 | 0.8 | 13.0 | 13.9 | 6.4 | 8.4 | 4.3 |
| | 3Q | 100.0 | 48.1 | 25.8 | 14.7 | 7.6 | 51.9 | 4.9 | 0.8 | 13.2 | 13.5 | 6.5 | 8.8 | 4.2 |
| | 4Q | 99.5 | 47.8 | 25.7 | 14.1 | 8.0 | 51.7 | 4.8 | 0.8 | 13.1 | 14.0 | 6.4 | 8.2 | 4.4 |
| 2019 ^p | 1Q | 99.4 | 47.6 | 25.4 | 13.9 | 8.3 | 51.8 | 4.6 | 0.8 | 13.1 | 14.3 | 6.3 | 8.2 | 4.5 |
| | 2Q | 100.0 | 47.4 | 25.6 | 14.4 | 7.4 | 52.6 | 4.8 | 0.8 | 13.4 | 14.3 | 6.3 | 8.6 | 4.4 |
| | 3Q | 101.3 | 48.4 | 26.0 | 14.7 | 7.7 | 52.9 | 5.1 | 0.8 | 13.6 | 14.0 | 6.5 | 8.7 | 4.2 |
| | 4Q | 101.3 | 48.3 | 25.9 | 14.2 | 8.2 | 53.0 | 5.0 | 0.8 | 13.8 | 14.5 | 6.4 | 8.2 | 4.3 |

자료: 한국석유공사

Source: Korea National Oil Corporation

9.3. 국제 석유 가격

International oil price

| 구 분 | | OPEC 바스켓 OPEC Basket | 아랍라이트 Arab Light | 두바이 ¹ Dubai ¹ | 브렌트 ¹ Brent ¹ | 서부텍사스 ¹ WTI ¹ | 오만 ¹ Oman ¹ |
|-------------------|----|-------------------------|---------------------|--|--|--|--------------------------------------|
| | | US\$/barrel | | | | | |
| 1990 | | 21.3 | 20.7 | 20.5 | - | - | 20.8 |
| 1995 | | 16.9 | 16.8 | 16.1 | - | - | 16.4 |
| 1996 | | 20.3 | 19.8 | 18.6 | - | - | 19.3 |
| 1997 | | 18.8 | 18.8 | 18.2 | - | - | 18.6 |
| 1998 | | 12.3 | 12.3 | 12.2 | 12.3 | 14.4 | 12.1 |
| 1999 | | 17.5 | 17.4 | 17.3 | 17.8 | 19.2 | 17.4 |
| 2000 | | 27.6 | 26.8 | 26.3 | 28.5 | 30.2 | 26.8 |
| 2001 | | 23.2 | 23.1 | 22.8 | 25.0 | 26.0 | 22.9 |
| 2002 | | 24.5 | 24.3 | 23.9 | 25.1 | 26.1 | 24.1 |
| 2003 | | 28.2 | 27.8 | 26.8 | 28.5 | 31.0 | 27.4 |
| 2004 | | 36.0 | 34.5 | 33.7 | 38.0 | 41.5 | 34.4 |
| 2005 | | 50.7 | 50.2 | 49.6 | 55.3 | 56.7 | 50.6 |
| 2006 | | 61.1 | 61.0 | 61.6 | 66.1 | 66.3 | 62.7 |
| 2007 | | 69.1 | 69.1 | 68.3 | 72.7 | 72.4 | 68.8 |
| 2008 | | 94.5 | 94.8 | 94.3 | 98.5 | 99.8 | 95.0 |
| 2009 | | 61.1 | 61.2 | 61.9 | 62.7 | 62.1 | 62.2 |
| 2010 | | 77.5 | 77.8 | 78.1 | 80.3 | 79.6 | 78.4 |
| 2011 | | 107.5 | 107.9 | 106.0 | 110.9 | 95.1 | 106.7 |
| 2012 | | 109.5 | 110.3 | 109.0 | 111.7 | 94.2 | 109.3 |
| 2013 | | 105.9 | 106.6 | 105.3 | 108.7 | 98.1 | 105.5 |
| 2014 | | 96.3 | 97.1 | 96.6 | 99.5 | 92.9 | 96.8 |
| 2015 | | 49.5 | 49.9 | 50.7 | 53.6 | 48.8 | 51.1 |
| 2016 | | 40.8 | 40.9 | 41.4 | 45.1 | 43.5 | 42.1 |
| 2017 | | 52.4 | 53.0 | 53.2 | 54.7 | 50.9 | 53.5 |
| 2018 | | 69.8 | 70.3 | 69.7 | 71.7 | 64.9 | 70.0 |
| 2019 ^p | | 64.1 | 65.0 | 63.5 | 64.2 | 57.0 | 63.9 |
| 2018 | 2 | 63.5 | 64.0 | 62.7 | 65.7 | 62.2 | 63.2 |
| | 3 | 63.8 | 64.4 | 62.7 | 66.7 | 62.8 | 63.2 |
| | 4 | 68.4 | 68.9 | 68.3 | 71.8 | 66.3 | 68.3 |
| | 5 | 74.1 | 74.7 | 74.4 | 77.0 | 70.0 | 74.5 |
| | 6 | 73.2 | 74.3 | 73.6 | 75.9 | 67.3 | 73.7 |
| | 7 | 73.3 | 74.2 | 73.1 | 75.0 | 70.6 | 73.2 |
| | 8 | 72.3 | 73.4 | 72.5 | 73.8 | 67.9 | 72.7 |
| | 9 | 77.2 | 78.2 | 77.2 | 79.1 | 70.1 | 77.8 |
| | 10 | 79.4 | 80.0 | 79.4 | 80.6 | 70.8 | 80.1 |
| | 11 | 65.3 | 66.4 | 65.6 | 66.0 | 56.7 | 65.9 |
| | 12 | 56.9 | 58.2 | 57.3 | 57.7 | 49.0 | 57.6 |
| 2019 ^p | 1 | 58.7 | 59.6 | 59.1 | 60.2 | 51.6 | 59.3 |
| | 2 | 63.8 | 64.9 | 64.6 | 64.4 | 55.0 | 64.7 |
| | 3 | 66.4 | 67.4 | 66.9 | 67.0 | 58.2 | 67.0 |
| | 4 | 70.8 | 71.9 | 70.9 | 71.6 | 63.9 | 71.1 |
| | 5 | 70.0 | 70.8 | 69.4 | 70.3 | 60.9 | 69.8 |
| | 6 | 62.9 | 63.5 | 61.8 | 63.0 | 54.7 | 61.8 |
| | 7 | 64.7 | 65.6 | 63.3 | 64.2 | 57.6 | 63.8 |
| | 8 | 59.6 | 60.8 | 59.1 | 59.5 | 54.8 | 59.7 |
| | 9 | 62.4 | 62.7 | 61.1 | 62.3 | 57.0 | 61.7 |
| | 10 | 59.9 | 61.0 | 59.4 | 59.6 | 54.0 | 60.1 |
| | 11 | 62.9 | 64.0 | 62.0 | 62.7 | 57.1 | 62.8 |
| | 12 | 66.5 | 67.5 | 64.9 | 65.2 | 59.8 | 65.4 |
| 2020 ^p | 1 | 65.1 | 66.6 | 64.3 | 63.7 | 57.5 | 64.7 |
| | 2 | 55.5 | 56.8 | 54.2 | 55.5 | 50.5 | 54.5 |

1. 현물가격

자료: OPEC, 석유공사

1. Spot prices

Source: OPEC, Korea National Oil Corporation

부록

Appendix



- 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

에너지경제연구원 회원 제도 안내

| 구분 | 연회비 | 제 공 자 료 (발행주기) | 특 기 사 항 |
|------------|-------|--|--|
| 일반 회원 | 50만원 | <ul style="list-style-type: none"> 에너지통계월보 (월간) 에너지통계연보(연간) 에너지포커스(계간) 지역에너지통계연보(연간) Korea Energy Review Monthly(월간) Energy Info. Korea(연간) | <ul style="list-style-type: none"> 본 연구원 주최 주요 학술세미나 및 정책토론회 초청 에너지 및 자원분야 의문사항에 대한 해당분야 전문가 소개 |
| 에너지포럼 회원 | 100만원 | <ul style="list-style-type: none"> 에너지통계월보 (월간) 에너지통계연보(연간) 에너지포커스(계간) 에너지수요전망 보고서(분기) 정책연구보고서(부정기) 지역에너지통계연보(연간) 국가에너지기본계획 보고서(5년) 세미나 자료(부정기) Korea Energy Review Monthly(월간) Energy Info. Korea(연간) | <ul style="list-style-type: none"> 인터넷 포럼회원 전용자료실을 통한 에너지 및 자원정보 제공(회원ID 및 부여) 본 연구원 주최 주요 학술세미나 및 정책토론회 초청 에너지 및 자원분야 의문사항에 대한 해당분야 전문가 소개 |
| on-line 자료 | | <ul style="list-style-type: none"> 세계에너지시장 인사이트(주간) | |

▪ 가입 문의 : 대외협력팀(052-714-2154)

1. 연회비 (발송비 포함)

- 일반회원(국내) : 500,000원
- 일반회원(국외) : \$2,000
- 에너지포럼회원(국내) : 1,000,000원

2. 회원 가입 신청서

| | | | |
|------------|---|------|------|
| 소 속 | 기관명 | | |
| | 담당자 | | |
| | 부서/직위 | 부서 : | 직위 : |
| 주 소 | 우편번호 | | |
| | 주소 | | |
| 담당자 연락처 | 전화 | | |
| | 팩스 | | |
| | 전자우편 | | |
| 회원구분 | ● 일반회원(국내)〈 〉 ● 일반회원(국외)〈 〉 ● 포럼회원(국내)〈 〉 | | |

3. 연회비 납입방법

- 예금주 : 에너지경제연구원
- 은행명 : 국민은행 울산지점
- 계좌 번호 : 261-01-0002-719

4. 문의

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발행처 : 에너지경제연구원

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