

# 에너지통계월보

## 2021/04

Monthly Energy Statistics

2021년 1월 자료

Data up to January 2021



에너지경제연구원  
Korea Energy Economics Institute



## 약어 및 부호 Abbreviations and Conventional Signs

**kcal** : Kilocalorie(킬로 칼로리)

**GWh** : Gigawatt hour(메가와트아워)

**MWh** : Megawatt hour(기가와트아워)

**t** : Metric Ton(메트릭톤) = Tonne = 1,000kg

**toe** : Tonne of Oil Equivalent(티오이; 석유환산톤) =  $10^7$ kcal

**BPSD** : Barrel per Stream Day

**CIF** : Cost, Insurance and Freight

**FOB** : Free on Board

- Nil(없음)

**p** Preliminary(잠정값)

... Not available(해당없음)

**e** Estimate(추정값)

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## 열량환산계수 적용안내

에너지법 시행규칙 제5조제1항에 의거

2007년부터 매 5년마다 변경된 열량을 적용하고 있으니 이용에 유의하시기 바랍니다.



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# 1. 일러두기 Explanatory Notes

## 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), LNG 직도입사 소비량 최종에너지소비에 반영, 지역 냉·난방 열에너지 포함범위 현실화 등을 통해 1990년 이후의 에너지밸런스의 신뢰성을 제고.

### 2) 석탄

- 아래 변경사항을 반영함에 따라 2017년 이전의 에너지통계연보와 2018년 이후의 에너지통계연보의 1990~2016년 수치 다름.

① **(유연탄)** 일부 연료용 유연탄 소비업종의 분류 수정(섬유·의복→석유·화학)

② **(무연탄)** 발전용 수입무연탄 소비량 산정방법 변경

- 2007년 수치부터 적용

\* 기존: 발전용 수입무연탄 소비량 = 수입무연탄 소비량 × 수입무연탄 소비실태조사 결과의 발전용 비중

\* 변경: 발전용 수입무연탄 소비량 = 한전의 발전용 무연탄 소비량 - 석탄협회의 발전용 국내무연탄 소비량

③ **(무연탄)** 산업부문 소비량 수치 변경

- 2007년 수치부터 적용

\* 산업부문 무연탄 소비량은 국내 및 수입 무연탄 총소비량에서 발전용과 가정용 무연탄 소비량을 제외한 값으로 산정하기 때문에 상기 발전용 수입무연탄 소비량 수정으로 인해 조정됨.

④ **(무연탄)** 산업부문 수입무연탄 열량환산 방법 개선

- 2012년 수치부터 적용

\* 기존: 원료용 수입무연탄 발열량을 적용

\* 변경: 산업용 무연탄 소비용도를 원료용(PCI탄)과 연료용으로 구분하여 각각의 열량을 적용(2012년부터 열량을 구분하여 공표)

⑤ **(전체)** 유·무연탄 수급 자료의 월간 수치 합계와 연간수치 사이의 정합성 보정

- 1990년 수치부터 적용

### 3) 석유

- 아래 변경사항을 반영함에 따라 2017년 이전의 에너지통계연보와 2018년 이후의 에너지통계연보의 1994~2016년 수치 다름.

① **(전체)** 2018년 5월 기준의 한국석유공사 PEDSIS(석유류수급통계)자료 기준으로 1994년 이후의 시계열 갱신

② **(전체)** PEDSIS(석유류수급통계)의 “석유정제업” 항목을 “기타에너지”에서 “석유·화학”으로 이동

- 1994년 수치부터 적용

③ **(경유)** 육상수송 소비량에서 바이오디젤 소비량 제외

- 2004년 수치부터 적용(2004년부터 바이오디젤 데이터 집계)

# 1. 일러두기 Explanatory Notes

## ④ (파라핀왁스) 열량 환산 기준 변경

- 1994년 수치부터 적용

\* 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

## ⑤ (기타 석유제품) 열량 환산 기준 변경

- 1994년 수치부터 적용

- 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 6.50bbl/ton, 13.98bbl/ton (한국석유공사 석유류수급통계 기준)을 적용하여 단위를 환산

## 4) 천연가스

• 아래 변경사항을 반영함에 따라 2019년 이전의 에너지통계연보와 2020년 이후의 에너지통계연보의 2005~2018년 수치 다름.

• LNG 직도입사의 발전용 소비량을 최종에너지 소비량으로 재분류

- 2005년 수치부터 적용

- 현행 에너지밸런스에서는 전력·열에너지 자가생산자의 연료투입량은 해당 업체의 최종에너지 소비로 정의 및 분류

\* 기존: LNG 직도입사의 발전용 소비량을 천연가스의 전환부문 발전에 계상

\* 변경: LNG 직도입사의 발전용 소비량을 천연가스의 최종에너지 업종별 소비에 계상

## 5) 열에너지

• 아래 변경사항을 반영함에 따라 2017년 이전의 에너지통계연보와 2018년 이후의 에너지통계연보의 1998~2016년 수치 다름.

• 집계 대상 범위 확대

- 1998년 수치부터 적용

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

\* 변경: 「집단에너지사업법」(한국에너지공단)의 지역냉·난방부문 열생산 및 판매량을 모두 반영

## 6) 신재생에너지

- 아래 변경사항을 반영함에 따라 2017년 이전의 에너지통계연보와 2018년 이후의 에너지통계연보의 2011~2016년 수치 다름.
  - 발전 및 최종에너지 소비의 부문별 소비량을 재분류
  - 2011년 수치부터 적용
- 「신에너지 및 재생에너지 개발·이용·보급·촉진법」 개정(2019.10)에 따라 신재생에너지를 “신재생 및 기타”로 표기
  - 2019년 수치부터 적용
  - 법 개정에 따라 비재생 폐기물(석유, 석탄 등 화석연료에 기원한 화학섬유, 인조가죽, 비닐 등으로서 생물 기원이 아닌 폐기물)로부터 생산된 에너지는 신재생에너지에 포함되지 않으나, 2019년 수치는 법 개정 이전과 동일하게 비재생 폐기물을 포함하였으며 따라서 “신재생 및 기타”로 표기

## 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 에너지열량환산기준 중 총발열량을 적용하며, IEA 등 일부 국가에서는 목적에 따라 순발열량을 적용하는 경우도 있음.
- 에너지열량환산기준은 1980년 이후 6차에 걸친 개정이 있었으며, 2007년부터는 2006년에 제정된 에너지법에 따라 매 5년마다 작성·공포함(에너지법 시행규칙 제5조 제2항).
- 작성·공표된 시점 이후부터 해당 에너지열량환산기준을 적용하여 통계를 작성(에너지법 시행규칙 제5조 제1항)
- 2007년 이전까지는 일부 에너지원이 추가되는 수준의 열량개정이 이루어져 통계에 큰 영향을 주지 못했으나 2007년부터는 동일 에너지원이라도 열량차이가 커서 시행 첫년도에는 단층현상 발생

## 라. 통계청 가계동향조사 통합작성으로 「8. 주요 경제·사회지표-8.8 가계동향」 변경

- 「2020년 1/4분기 가계동향조사 보도참고자료」참조\*

## 마. 주요 용어

### 1) 1차에너지

- 생산, 수출입 및 재고증감에 의해 국내 공급된 에너지이며, 타 에너지로 전환되기 위해 투입되는 에너지와 산업, 수송, 가정, 상업·공공용으로 소비되는 최종에너지의 합으로 계산

# 1. 일러두기 Explanatory Notes

- 현행 에너지밸런스에서는 원유의 투입과 석유제품의 생산에 해당하는 석유정제를 전환부문에 포함하지 않음에 따라 원유 역시 포함되지 않으며 대신 생산된 석유제품을 1차에너지 공급 중 수입에 계상

## 2) 최종에너지

- 산업, 수송, 가정 및 상업·공공부문 등 최종에너지 소비 부문에서 사용하는 에너지로, 최종소비자가 직접 사용한 1차에너지와 전환과정을 거친 2차에너지가 여기에 해당
- 현행 에너지수급통계 및 에너지밸런스에서는 전력과 열에너지는 한전 및 지역난방 사업자가 공급하는 양만 최종에너지소비에 포함
- 자가생산자가 생산한 전력과 열에너지는 1차에너지 공급 중 생산부문 및 해당 업종의 연료소비로 최종소비에 포함되나, 전력거래소에 판매된 자가발전량은 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, 현행 에너지밸런스에서는 정제과정을 거쳐 생산된 석유제품을 1차에너지로 간주하고 투입된 원유량은 반영하지 않으며, 따라서 석유정제 항목이 없음.
- 지역난방에는 지역난방 사업자가 열에너지 생산을 위해 투입한 연료량과 열생산량을 계상
- 가스제조에는 도시가스 사업자가 가스 생산을 위해 투입한 연료량과 도시가스 생산량을 계상

## 4) 1인당 에너지소비

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

## 5) 수입의존도

- 1차에너지 대비 순수입량 비율로 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

- 에너지원단위는 총부가가치(GDP) 대비 1차에너지 공급량의 비율로 정의되며, 경제활동에 투입된 에너지소비의 효율성을 평가하는 지표로써 산업구조, 부가가치, 에너지절약 및 이용효율 수준 등에 좌우됨.
- 총부가가치는 불변가격 기준이며, 미 달러화 표시는 환율을 이용하여 재계산함. 2010년 이전은 국제재무통계(IFS, IMF)의 연평균환율 적용, 최근 환율은 한국은행의 연평균환율 적용

## 7) 에너지 소비의 GDP 탄력성

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

## 2020년 1/4분기 가계동향조사 보도참고자료

〈가계동향조사 통합 작성 배경 및 내용〉

### 1) 통합 작성 배경

- 통계청은 가계동향조사(~2016년)를 기존 가계수지조사에서 가계지출통계로 특화하여 연간주기 통계로 재편('16.末)
  - 이를 통해 지출과 소득통계를 각각의 통계작성 목적에 가장 적합한 조사체계로 개편\*하여 통계의 정확성 제고 및 응답부담 경감 도모
    - \* 소득통계는 행정자료를 통해 소득을 보완할 수 있는 가계금융복지조사로 대체
- 2017년 이후 학계와 주요 정책부처를 중심으로
  - ① 시의성 있는 가계경제 진단을 위한 동향통계의 필요성
  - ② 가계소득과 지출을 연계(평균소비성향, 흑자율, 소득계층별 지출실태 등)하여 종합분석이 가능한 기초자료 요구가 지속

### 2) 주요 추진방향

- 가구소득과 지출을 연계하여 가계수지 진단 및 종합분석이 가능한 분기 가계동향통계 생산
  - ① (표본설계) 가계소득-지출조사 전용표본 체계를 통한 고소득층 포착 강화 및 통계의 정확성 제고
  - ② (표본체계) 6-6-6 연동표본 운영을 통해 표본가구의 응답부담을 기존 36개월에서 12개월로 1/3수준으로 경감
  - ③ (조사방법) 가계부 조사방법을 통해 가계 소득 및 지출을 동시 파악

### 3) 주요 추진경과

- 분기 소득동향통계 작성 재개 및 소득-지출 연계방안 검토('17.12월)
- 소득·지출통계 통합 관련 1~3차 외부전문가 회의 실시('18.4월, 7월, 8월)
- 국가통계위원회 사회통계분과위원회 안건 상정('18.10.5.)
- 국가통계위원회 본회의 안건 상정('18.11.16.)
- 2019년도 국회 예산심의 업무설명('18.9~12월)
- 2019년 가계동향조사 통합조사 실시('19.1월~)

#### 4) 개편 전후 비교표

- 분기 소득동향통계 작성 재개 및 소득-지출 연계방안 검토('17.12월)

| 구분             | ~2016년             | 소득부문(분기)  | 지출부문(연간)                            | 2019년 <sup>1)</sup> 2)~  |
|----------------|--------------------|---|-------------------------------------|--|
|                |                    | 2017년~2019년 <sup>1)</sup>   | 2017년~2018년                         |  |
| 조사대상           | 일반가구<br>(농림어가 제외)  | 일반가구<br>(농림어가 제외)   | 일반가구<br>(농림어가 포함)                   | 일반가구<br>(농림어가 포함)  |
| 표본설계           | 경제활동인구조사<br>다목적 표본 | 경제활동인구조사<br>다목적 표본  | 전용표본                                | 전용표본   |
| 표본규모<br>(적격기준) | 월 약 8,700가구        | 2017년 월 약 5,500가구<br>2018~19년 월 약 8,000가구                           | 월 1,000가구(1/12 순환)<br>연간 약 12,000가구 | 월 약 7,200가구  |
| 조사표            | 가계부                | 면접조사표   | 가계부, 연간조사표                          | 가계부  |
| 조사기간           | 36개월               | 36개월  | 1개월                                 | 12개월(6-6-6) <sup>3)</sup>  |
| 조사<br>항목       | 가구<br>실태           | 거처종류, 점유형태, 보증금(월세),<br>월세평가액, 주거면적, 자동차, 가구<br>원별 종사상지위·성·연령·직업·산업 | -좌동-                                | 거처종류, 점유형태, 보증금(월세),<br>월세평가액, 주거면적, 자동차,<br>가구원별 종사상지위·성·연령·<br>직업·산업 |
|                | 소득                 | 당월 경상소득(근로, 사업, 재산,<br>이전)·비경상소득                                    | -좌동-                                | 전년 경상소득(근로, 사업, 재산, 이전)<br>·비경상소득                                      |
|                | 지출                 | 소비지출,<br>비소비지출  | 비소비지출                               | 소비지출,<br>비소비지출   |
| 분기<br>공표<br>항목 | 소득                 | 경상소득(근로, 사업, 재산, 이전),<br>비경상소득                                      | -좌동-                                | -  |
|                | 지출                 | 소비지출,<br>비소비지출  | 비소비지출                               | -  |
|                | 가계수지               | 흑자율, 소비성향,<br>처분가능소득  | 처분가능소득                              | -  |
|                | 가계수지               | 5분위 배율  | 5분위 배율                              | -  |
| 연간<br>공표<br>항목 | 소득                 | 경상소득(근로, 사업, 재산, 이전),<br>비경상소득                                      | - <sub>4)</sub>                     | - <sub>5)</sub>  |
|                | 지출                 | 소비지출,<br>비소비지출  | -                                   | 소비지출,<br>비소비지출   |
|                | 가계수지               | 흑자율, 소비성향,<br>처분가능소득  | -                                   | -  |
|                | 소득분배               | 5분위 배율,<br>빈곤율, 지니계수  | - <sub>4)</sub>                     | -  |

주: 1) 기존 분기소득조사와 개편된 가계동향조사 병행 실시

2) 2019년 조사결과는 2020년 1/4분기 결과 공표 시 소급하여 공표

3) 표본가주로 선정되면 6개월 동안 연속하여 조사를 한 후, 6개월의 휴식기간을 두고 다시 6개월 동안 조사를 진행

4) 2017년 공식 연간소득통계 및 소득분배지표는 가계금융복지조사로 이관('17.12.)

5) 가구특성(소득 5분위, 소득구간별 등)으로만 사용

※ 본 저작물은 통계청에서 2020년 작성하여 공공누리 제1유형으로 개방한 「2020년 1/4분기 가계동향조사 보도참고자료(담당부서: 사회통계국 가계수지동향과)」를 이용하였으며, 해당 저작물은 '통계청(kostat.go.kr)'에서 무료로 다운받으실 수 있습니다.

## 2. 단위 및 열량환산표 Unit Conversion Factors

### 가. 부피

| Units             | m <sup>3</sup>            | cm <sup>3</sup> | liter            | in <sup>3</sup>          | ft <sup>3</sup>           | 미gal                      | 영gal                     | bbl                      |
|-------------------|---------------------------|-----------------|------------------|--------------------------|---------------------------|---------------------------|--------------------------|--------------------------|
| 1 m <sup>3</sup>  | 1                         | 10 <sup>6</sup> | 10 <sup>3</sup>  | 6.102374×10 <sup>4</sup> | 35.31467                  | 264.1721                  | 219.969                  | 6.2892                   |
| 1 cm <sup>3</sup> | 10 <sup>-6</sup>          | 1               | 10 <sup>-3</sup> | 0.06102374               | 3.531467×10 <sup>-5</sup> | 2.641721×10 <sup>-4</sup> | 2.19969×10 <sup>-1</sup> | 0.62892×10 <sup>-5</sup> |
| 1 liter           | 10 <sup>-3</sup>          | 1000            | 1                | 61.02374                 | 0.03531467                | 0.2641721                 | 0.219969                 | 6.2892×10 <sup>-3</sup>  |
| 1 in <sup>3</sup> | 1.638706×10 <sup>-5</sup> | 16.38706        | 0.01638706       | 1                        | 5.787037×10 <sup>-4</sup> | 4.329004×10 <sup>-3</sup> | 3.60465×10 <sup>-3</sup> | 0.10306×10 <sup>-3</sup> |
| 1 ft <sup>3</sup> | 2.831685×10 <sup>-2</sup> | 28316.85        | 28.31685         | 1728                     | 1                         | 7.480520                  | 6.2288                   | 0.178                    |
| 1 gal(U.S)        | 3.785412×10 <sup>-3</sup> | 3785.412        | 3.785412         | 231                      | 0.1336806                 | 1                         | 0.83268                  | 0.023809                 |
| 1 gal(U.K)        | 0.004561                  | 4546.1          | 4.5461           | 277.42                   | 0.160544                  | 1.20094                   | 1                        | 0.028571                 |
| bbl               | 0.158988                  | 158988          | 158.988          | 9.702                    | 5.6146                    | 42                        | 34.9726                  | 1                        |

### 나. 무게

| Units        | g                      | kg               | oz                     | lb                        | metric Ton                | Short Ton(미)              | Long Ton(영)            |
|--------------|------------------------|------------------|------------------------|---------------------------|---------------------------|---------------------------|------------------------|
| 1 g          | 1                      | 10 <sup>-3</sup> | 0.03527396             | 2.204623×10 <sup>-3</sup> | 10 <sup>-6</sup>          | 1.102311×10 <sup>-6</sup> | 9.842×10 <sup>-7</sup> |
| 1 kg         | 1000.                  | 1                | 36.27396               | 2.204623                  | 10 <sup>-3</sup>          | 1.102311×10 <sup>-3</sup> | 9.842×10 <sup>-4</sup> |
| 1 oz(avdp)   | 28.34952               | 0.02834952       | 1                      | 0.0625                    | 2.834952×10 <sup>-5</sup> | 5×10 <sup>-1</sup>        | 2.790×10 <sup>-5</sup> |
| 1 lb(avdp)   | 453.5924               | 0.4535924        | 16                     | 1                         | 4.535924×10 <sup>-4</sup> | 0.0005                    | 4.464×10 <sup>-4</sup> |
| 1 metric Ton | 10 <sup>6</sup>        | 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 <sup>3</sup> | 1016.0           | 35.838×10 <sup>3</sup> | 2240.143                  | 1.0160                    | 1.1200                    | 1                      |

### 다. 에너지

| Units       | J        | cal       | Btu                       | kW hr                     | hp hr                        | ft-lb(wt) |
|-------------|----------|-----------|---------------------------|---------------------------|------------------------------|-----------|
| 1 J         | 1        | 0.2388853 | 9.479735×10 <sup>-4</sup> | 2.778236×10 <sup>-7</sup> | 3.725676×10 <sup>-7</sup>    | 0.7376839 |
| 1 cal       | 4.186109 | 1         | 3.968321×10 <sup>-3</sup> | 1.163000×10 <sup>-6</sup> | 1.559609×10 <sup>-6</sup>    | 3.088025  |
| 1 Btu       | 1054.882 | 251.9958* | 1                         | 2.930711×10 <sup>-4</sup> | 3.930148×10 <sup>-4</sup>    | 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 <sup>-3</sup> | 3.766161×10 <sup>-7</sup> | 5.050505...×10 <sup>-7</sup> | 1         |

## 2. 단위 및 열량환산표 Unit Conversion Factors

### 라. 비중과 톤당 용적(60°F 기준)

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

### 마. 단위의 배수

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

### 바. 석유제품환산표

| 구 분 | 배럴→톤  | 톤→배럴 | 배럴/일→톤/년 | 톤/년→배럴/일 |
|-----|-------|------|----------|----------|
| 원유  | 0.136 | 7.33 | 49.8     | 0.0201   |
| 휘발유 | 0.118 | 8.45 | 43.2     | 0.0232   |
| 등유  | 0.128 | 7.80 | 46.8     | 0.0214   |
| 경유  | 0.133 | 7.50 | 48.7     | 0.0205   |
| 중유  | 0.149 | 6.70 | 54.5     | 0.0184   |

※ 세계평균비중



## 사. 원유환산표

| 구 분      | 톤<br>(메트릭톤) | 롱 톤   | 숏 톤   | 배럴   | 입방미터<br>(m³) | 1천 갤런<br>(영) | 1천 갤런<br>(미) |
|----------|-------------|-------|-------|------|--------------|--------------|--------------|
| 톤 (메트릭톤) | 1           | 0.984 | 1.102 | 7.33 | 1.16         | 0.256        | 0.308        |
| 롱톤       | 1.016       | 1     | 1.120 | 7.45 | 1.18         | 0.261        | 0.313        |
| 숏톤       | 0.907       | 0.893 | 1     | 6.65 | 1.05         | 0.233        | 0.279        |
| 배럴       | 0.136       | 0.134 | 0.150 | 1    | 0.159        | 0.035        | 0.042        |
| 입방미터(m³) | 0.863       | 0.849 | 0.951 | 6.29 | 1            | 0.220        | 0.264        |
| 천 갤런(영)  | 3.91        | 3.83  | 4.29  | 28.6 | 4.55         | 1            | 1.201        |
| 천 갤런(미)  | 3.25        | 3.19  | 3.58  | 23.8 | 3.79         | 0.833        | 1            |

### 3. 에너지 열량 환산기준 Energy Conversion Factors

#### 가. 7차 에너지열량 환산기준(2017)

2017년 12월 28일 개정(2017년 1월부터 적용)

| 에너지원         |              | 단위              | 총발열량 |        |                                 | 순발열량 |        |                                 |
|--------------|--------------|-----------------|------|--------|---------------------------------|------|--------|---------------------------------|
|              |              |                 | MJ   | kcal   | 석유환산톤<br>(10 <sup>-3</sup> toe) | MJ   | kcal   | 석유환산톤<br>(10 <sup>-3</sup> toe) |
| 석유<br>(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<br>(3종)   | 액화천연가스(LNG)  | kg              | 54.7 | 13,060 | 1.306                           | 49.4 | 11,800 | 1.180                           |
|              | 액화천연가스(LNG)  | Nm <sup>3</sup> | 43.1 | 10,290 | 1.029                           | 38.9 | 9,290  | 0.929                           |
|              | 액화석유가스(LPG)  | Nm <sup>3</sup> | 63.6 | 15,190 | 1.519                           | 58.4 | 13,950 | 1.395                           |
| 석탄<br>(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<br>(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 10<sup>7</sup>kcal을 말한다.  
 4) 석탄의 발열량은 인수식을 기준으로 한다.  
 5) 최종에너지사용자가 사용하는 전기에너지를 열에너지로 환산할 경우에는 1kWh=860kcal을 적용한다.  
 6) 1cal=4.1868J, Nm<sup>3</sup>은 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.

## 나. 총발열량 추이

| 에너지원         |              | 단위  | 총발열량(kcal) |        |        |          |        |        |        | '12년 대비<br>열량 증감 |
|--------------|--------------|-----|------------|--------|--------|----------|--------|--------|--------|------------------|
|              |              |     | 1980       | 1981   | 1987   | 1990     | 2007   | 2012   | 2017   |                  |
| 석유<br>(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             |
|              | 실내등유         | ℓ   | 8,700      | 8,700  | 8,700  | 8,700    | 8,800  | 8,790  | 8,770  | ↓ 20             |
|              | 보일러등유        | ℓ   | -          | -      | -      | -        | 8,950  | -      | -      |                  |
|              | 경유           | 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             |
|              | 나프타          | 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             |
|              | 윤활유          | ℓ   | -          | -      | -      | (9,400)  | 9,250  | 9,500  | 9,550  | ↑ 50             |
|              | 석유코크스        | kg  | -          | -      | -      | (10,800) | 8,100  | 8,000  | 8,360  | ↑ 360            |
|              | 부생연료유 1호     | ℓ   | -          | -      | -      | -        | 8,850  | 8,800  | 8,860  | ↑ 60             |
|              | 부생연료유 2호     | ℓ   | -          | -      | -      | -        | 9,700  | 9,550  | 9,530  | ↓ 20             |
| 가스<br>(3종)   | 액화천연가스(LNG)  | kg  | -          | 9,500  | 12,980 | 13,000   | 13,000 | 13,040 | 13,060 | ↑ 20             |
|              | 액화천연가스(LNG)  | Nm³ | 7,000      | 7,000  | 7,000  | 10,500   | 10,550 | 10,430 | 10,290 | ↓ 140            |
|              | 액화석유가스(LPG)  | Nm³ | -          | -      | -      | 15,000   | 15,000 | 15,000 | 15,190 | ↑ 190            |
| 석탄<br>(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<br>(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 Energy Statistics System Description

### 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 : 에너지 수요와 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 제2020-40호) 제4조의 에너지수급통계 작성기관에서 매월 생산 및 판매실적을 보고 받아 에너지경제연구원에서 에너지밸런스 및 국가에너지수급 관련 통계를 작성

※ 에너지수급통계 작성 체계 참조

### 라. 작성 내용

- 에너지생산 및 수 · 출입 : 국내생산, 수입, 수출, 국제버커링, 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 : 에너지통계월보(매월), 에너지통계연보(매년)
  - 「에너지통계월보」발간 : 매월 15일경
  - 「에너지통계연보」발간 : 매년 12월경
- 웹사이트 : 국가에너지통계종합정보시스템(KESIS; Korea Energy Statistics Information System)
  - [www.kesis.net](http://www.kesis.net)

## 바. 에너지수급통계 작성 체계





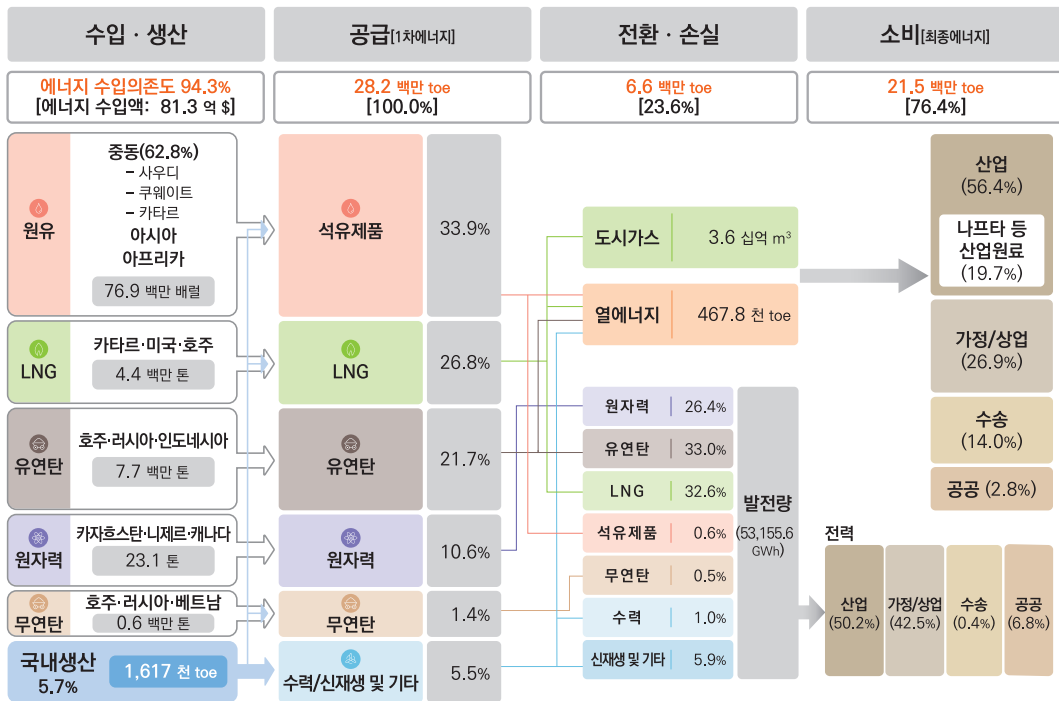
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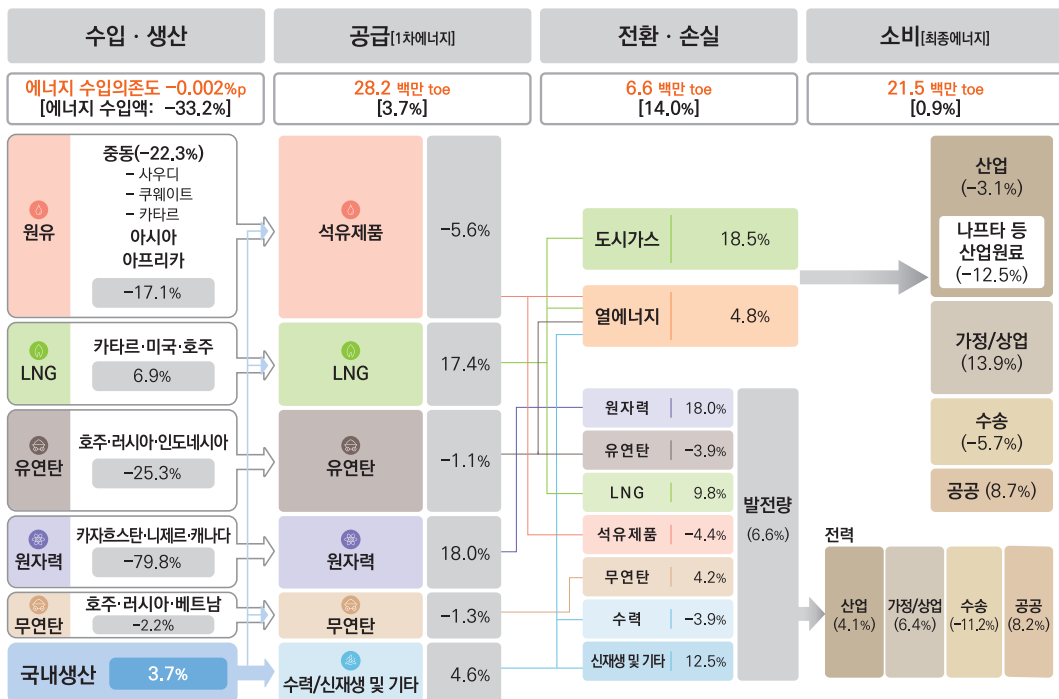
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## 2021년 1월 에너지밸런스 플로우



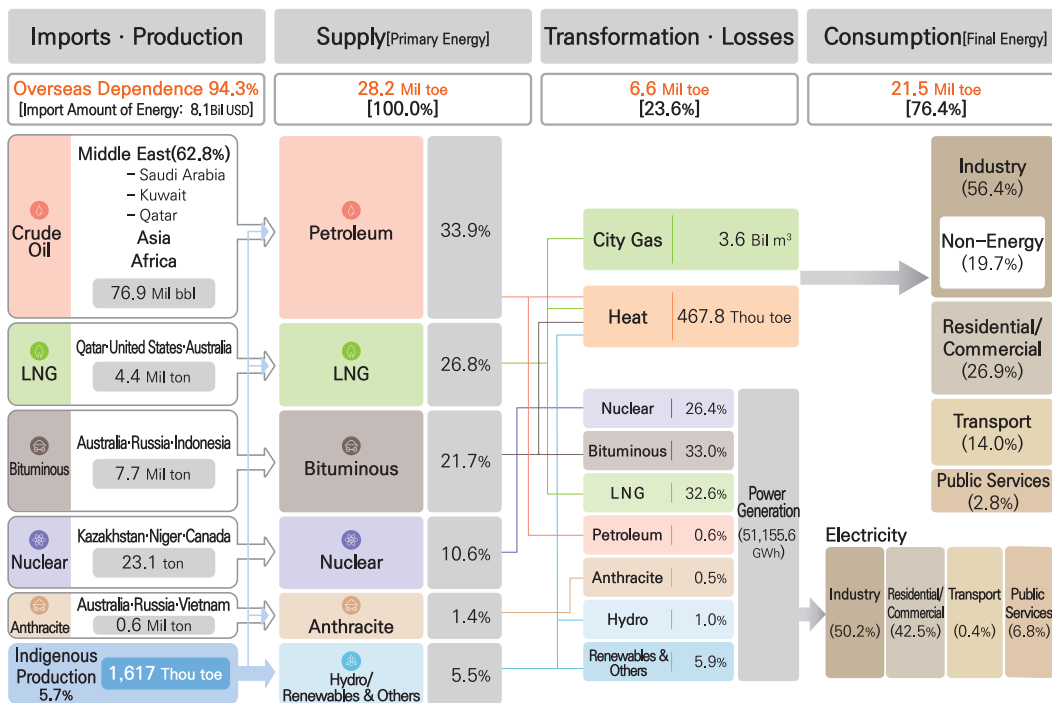
## 2021년 1월 에너지밸런스 플로우(전년 동월대비)



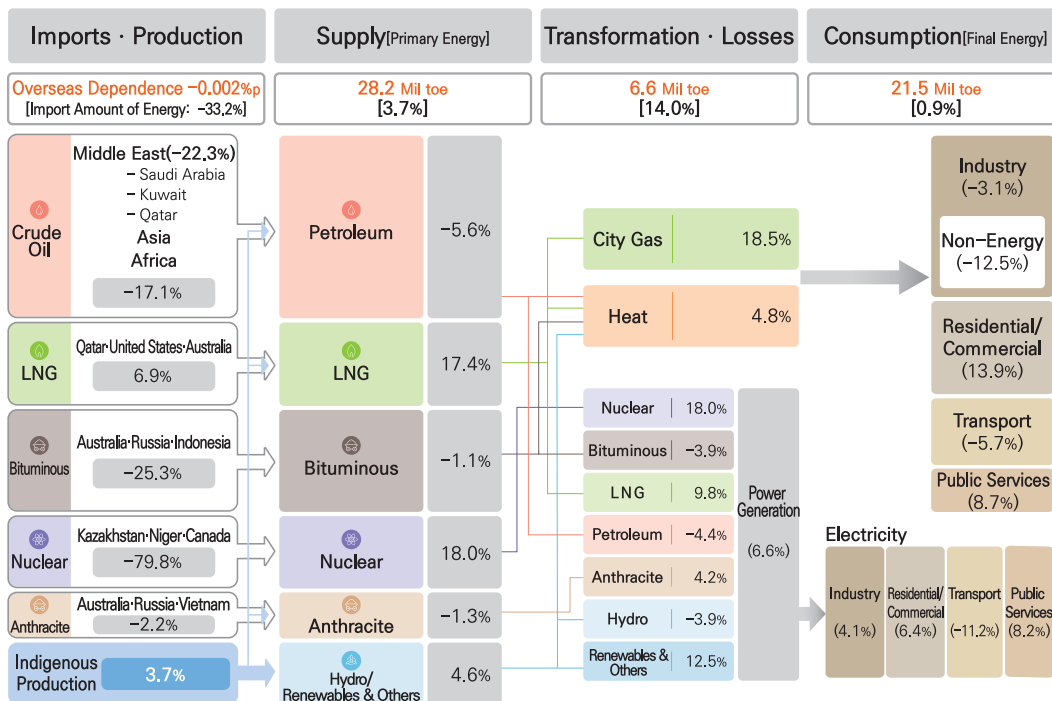
※ 신재생 및 기타: 태양열, 태양광, 풍력, 해양, 지열, 수열, 바이오, 폐기물, 연료전지, IGCC를 포함



## January 2021 Energy Balance Flow



## January 2021 Energy Balance Flow(Year-Over-Year)

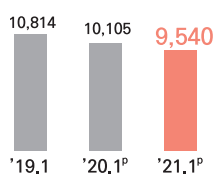


※ Renewables & Others: Solar Thermal, Solar Photovoltaic, Wind, Ocean, Geothermal, Hydro thermal, Bio, Waste, Fuel Cells, IGCC

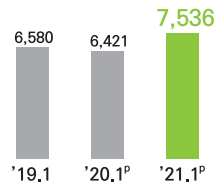
## 1차에너지공급 Primary Energy Supply (단위: 1,000 toe)



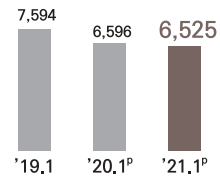
### 합계 Total



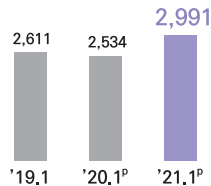
석유 Petroleum



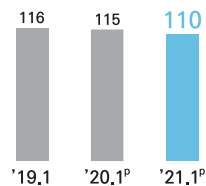
천연가스 Natural Gas



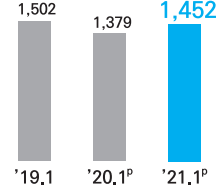
석탄 Coal



원자력 Nuclear



수력 Hydro

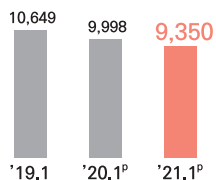


신재생및기타 Renewables&Others

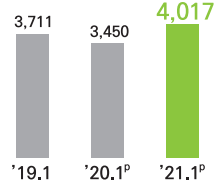
## 최종에너지소비 Final Energy Consumption (단위: 1,000 toe)



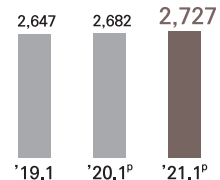
### 합계 Total



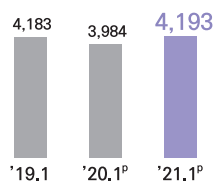
석유 Petroleum



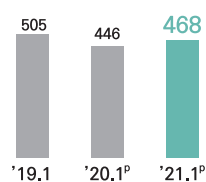
가스 Gas



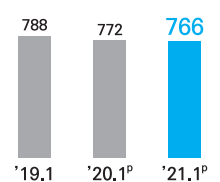
석탄 Coal



전력 Electricity



열 Heat



신재생및기타 Renewables&Others

※ 신재생 및 기타: 태양열, 태양광, 풍력, 해양, 지열, 수열, 바이오, 폐기물, 연료전지, IGCC를 포함

# 1. 에너지 개요 및 1차 에너지 공급

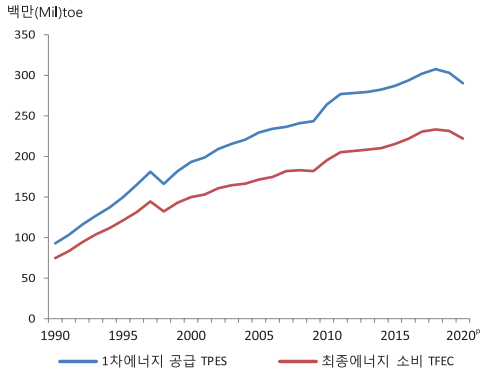
## Energy Overview and Primary Energy Supply

- 1.1 주요 에너지지표  
Major Energy Indicators
- 1.2 에너지 생산  
Energy Production by Source
- 1.3.1 에너지 수출입  
Energy Imports and Exports
- 1.3.2 에너지 수출입액  
Energy Export and Import Value
- 1.4.1 1차에너지 공급  
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- 1.4.2 1차에너지 원별 구성비  
Shares of Energy Sources in Primary Supply

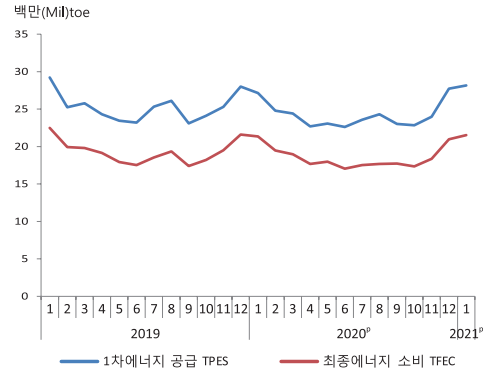


## ● 1차에너지 공급, 최종에너지 소비 Primary Energy Supply, Final Energy Consumption

〈1990~2020<sup>p</sup>〉

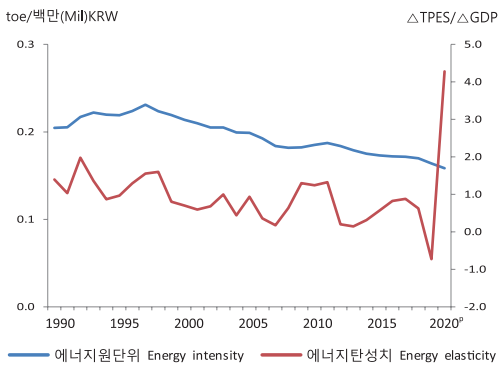


〈월별 Monthly〉

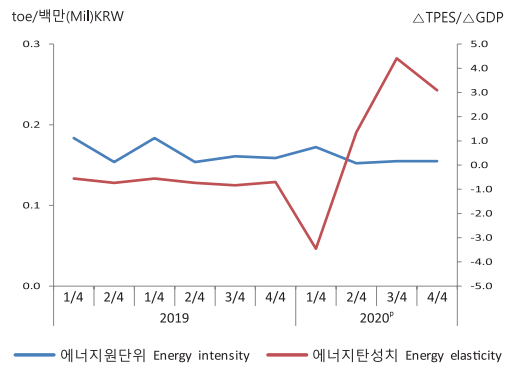


## ● 에너지원단위, 에너지탄성치 Energy Intensity, Energy Elasticity

〈1990~2020<sup>p</sup>〉

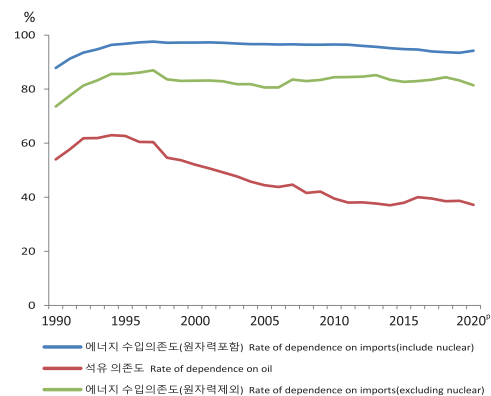


〈분기 Quarterly〉

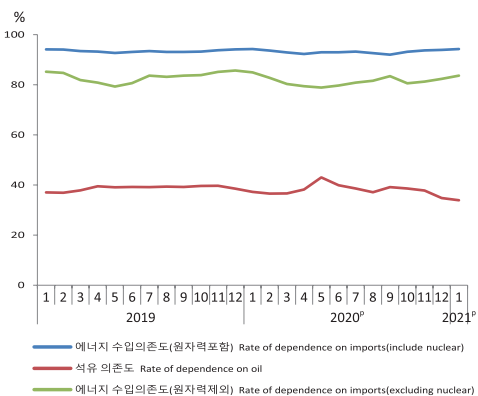


## ● 에너지 수입의존도, 석유 의존도 Rate of Dependence on Imports, Rate of Dependence on Oil

〈1990~2020<sup>p</sup>〉



〈월별 Monthly〉



## 1.1 주요 에너지지표

## Major Energy Indicators

|                   |     | 1차에너지 공급  | 최종에너지 소비 | 에너지원단위 <sup>1</sup>           | 에너지탄성치 <sup>1</sup>            | 에너지수입액              | 에너지 수입의존도 <sup>2</sup>                     | 석유 의존도                    |
|-------------------|-----|-----------|----------|-------------------------------|--------------------------------|---------------------|--|---------------------------|
|                   |     | TPES      | TFEC     | Energy intensity <sup>1</sup> | Energy elasticity <sup>1</sup> | Energy import value | Rate of dependence on imports <sup>2</sup> | Rate of dependence on oil |
|                   |     | 1,000 toe |          | toe/백만(Mil) KRW               | △TPES/△GDP                     | 백만(Mil) USD         | %  |                           |
| 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              |     | 229,667   | 171,543  | 0.199                         | 0.939                          | 66,697              | 96.6                                       | 44.5                      |
| 2006              |     | 234,062   | 174,873  | 0.192                         | 0.361                          | 85,566              | 96.5                                       | 43.8                      |
| 2007              |     | 236,486   | 182,015  | 0.184                         | 0.179                          | 94,978              | 96.6                                       | 44.7                      |
| 2008              |     | 240,994   | 183,054  | 0.182                         | 0.635                          | 141,475             | 96.5                                       | 41.6                      |
| 2009              |     | 243,500   | 182,080  | 0.182                         | 1.300                          | 91,160              | 96.5                                       | 42.1                      |
| 2010              |     | 264,053   | 195,401  | 0.185                         | 1.241                          | 121,654             | 96.5                                       | 39.6                      |
| 2011              |     | 276,997   | 205,239  | 0.187                         | 1.325                          | 172,490             | 96.5                                       | 38.1                      |
| 2012              |     | 278,325   | 206,968  | 0.184                         | 0.200                          | 184,800             | 96.0                                       | 38.1                      |
| 2013              |     | 279,623   | 208,362  | 0.179                         | 0.146                          | 178,698             | 95.7                                       | 37.7                      |
| 2014              |     | 282,423   | 210,448  | 0.175                         | 0.313                          | 174,137             | 95.2                                       | 37.1                      |
| 2015              |     | 286,921   | 215,389  | 0.173                         | 0.569                          | 102,715             | 94.8                                       | 38.0                      |
| 2016              |     | 293,778   | 221,936  | 0.172                         | 0.824                          | 80,942              | 94.6                                       | 40.0                      |
| 2017              |     | 302,066   | 230,594  | 0.172                         | 0.882                          | 109,466             | 94.0                                       | 39.5                      |
| 2018              |     | 307,557   | 233,368  | 0.170                         | 0.627                          | 145,970             | 93.7                                       | 38.5                      |
| 2019              |     | 303,092   | 231,353  | 0.164                         | -0.726                         | 126,701             | 93.5                                       | 38.7                      |
| 2020 <sup>p</sup> |     | 290,126   | 222,017  | 0.158                         | 4.278                          | 86,427              | 94.3                                       | 37.2                      |
| 2019              | 1   | 29,226    | 22,484   | -                             | -                              | 11,224              | 94.1                                       | 37.0                      |
|                   | 2   | 25,232    | 19,936   | -                             | -                              | 11,165              | 94.0                                       | 36.9                      |
|                   | 3   | 25,770    | 19,806   | 0.184                         | -0.557                         | 9,834               | 93.5                                       | 37.9                      |
|                   | 4   | 24,306    | 19,129   | -                             | -                              | 11,085              | 93.3                                       | 39.5                      |
|                   | 5   | 23,445    | 17,918   | -                             | -                              | 10,690              | 92.7                                       | 39.1                      |
|                   | 6   | 23,201    | 17,522   | 0.154                         | -0.738                         | 10,300              | 93.1                                       | 39.2                      |
|                   | 7   | 25,309    | 18,525   | -                             | -                              | 10,280              | 93.4                                       | 39.1                      |
|                   | 8   | 26,111    | 19,351   | -                             | -                              | 11,575              | 93.1                                       | 39.3                      |
|                   | 9   | 23,098    | 17,400   | 0.161                         | -0.836                         | 9,045               | 93.1                                       | 39.2                      |
|                   | 10  | 24,110    | 18,199   | -                             | -                              | 9,787               | 93.2                                       | 39.6                      |
|                   | 11  | 25,288    | 19,486   | -                             | -                              | 10,407              | 93.8                                       | 39.7                      |
|                   | 12  | 27,997    | 21,597   | 0.159                         | -0.701                         | 11,308              | 94.1                                       | 38.5                      |
| 2020 <sup>p</sup> | 1   | 27,150    | 21,332   | -                             | -                              | 12,169              | 94.3                                       | 37.2                      |
|                   | 2   | 24,794    | 19,475   | -                             | -                              | 10,592              | 93.7                                       | 36.6                      |
|                   | 3   | 24,400    | 18,969   | 0.172                         | -3.458                         | 8,662               | 92.9                                       | 36.6                      |
|                   | 4   | 22,692    | 17,679   | -                             | -                              | 6,458               | 92.3                                       | 38.2                      |
|                   | 5   | 23,062    | 17,985   | -                             | -                              | 4,895               | 92.9                                       | 43.0                      |
|                   | 6   | 22,605    | 17,031   | 0.152                         | 1.354                          | 4,918               | 92.9                                       | 39.9                      |
|                   | 7   | 23,580    | 17,525   | -                             | -                              | 6,396               | 93.2                                       | 38.6                      |
|                   | 8   | 24,296    | 17,660   | -                             | -                              | 5,982               | 92.6                                       | 37.1                      |
|                   | 9   | 23,027    | 17,711   | 0.155                         | 4.410                          | 6,528               | 92.0                                       | 39.1                      |
|                   | 10  | 22,827    | 17,339   | -                             | -                              | 6,296               | 93.1                                       | 38.6                      |
|                   | 11  | 23,977    | 18,356   | -                             | -                              | 5,846               | 93.7                                       | 37.8                      |
|                   | 12  | 27,717    | 20,956   | 0.155                         | 3.094                          | 7,685               | 93.9                                       | 34.8                      |
| 2021 <sup>p</sup> | 1   | 28,154    | 21,521   | -                             | -                              | 8,129               | 94.3                                       | 33.9                      |
| 2020 <sup>p</sup> | 1-1 | 27,150    | 21,332   | -                             | -                              | 12,169              | 94.3                                       | 37.2                      |
| 2021 <sup>p</sup> | 1-1 | 28,154    | 21,521   | -                             | -                              | 8,129               | 94.3                                       | 33.9                      |

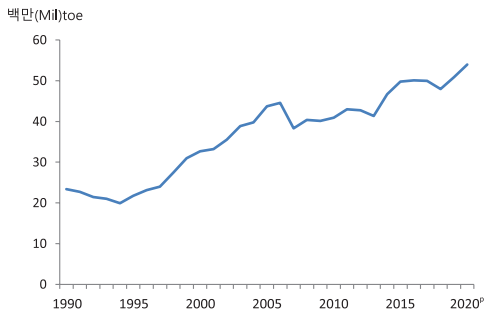
1. 월별 수치는 분기자료임.

2. 원자력 발전 포함.

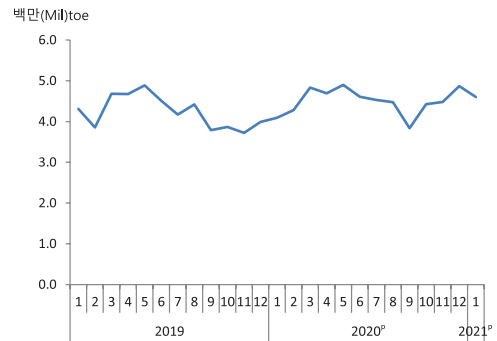
1. Monthly figures are on quarterly basis.

2. Includes nuclear power.

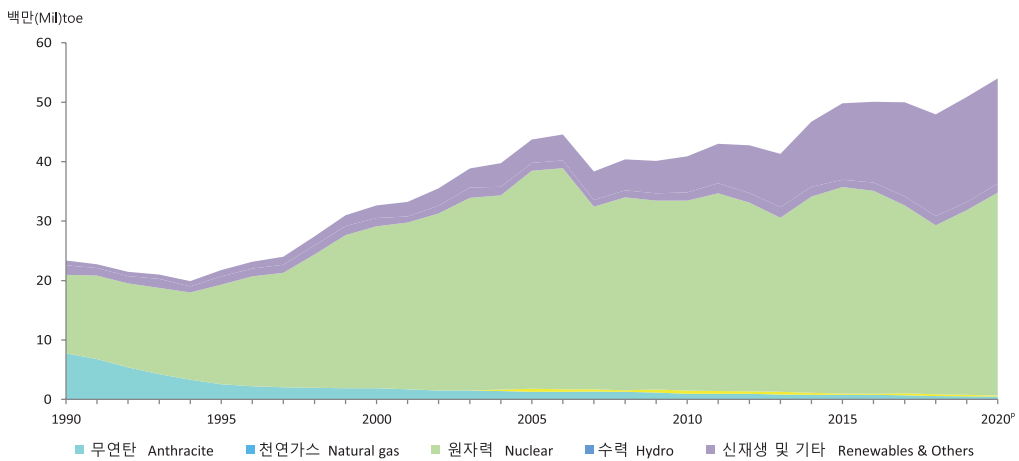
## ● 에너지 생산 Total Energy Production

〈1990~2020<sup>o</sup>〉

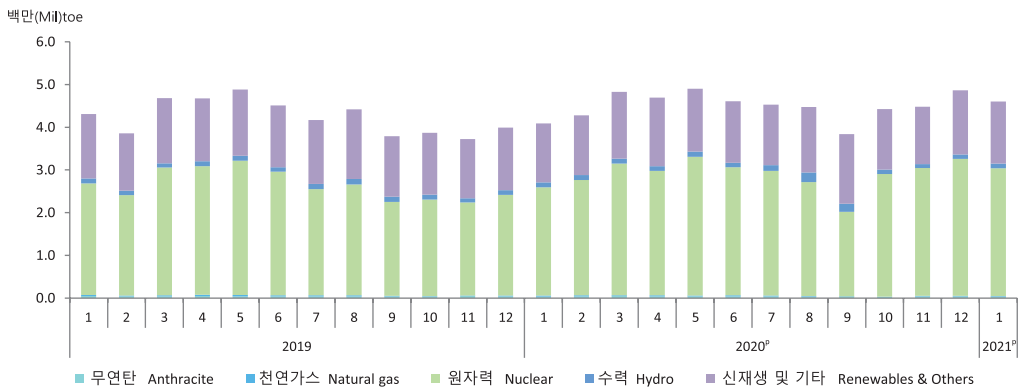
〈월별 Monthly〉



## ● 에너지원별 생산 Energy Production by Source

〈1990~2020<sup>o</sup>〉

〈월별 Monthly〉



## 1.2 에너지 생산

## Energy Production by Source

|                   |     | 합계<br>Total | 무연탄<br>Anthracite | 천연가스 <sup>1</sup><br>Natural gas <sup>1</sup> | 수력<br>Hydro | 원자력<br>Nuclear | 신재생 및 기타 <sup>2</sup><br>Renewables & Others <sup>2</sup> |
|-------------------|-----|-------------|-------------------|---|-------------|----------------|---|
|                   |     | 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   |
| 2010              |     | 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              |     | 50,869      | 513               | 259   | 1,331       | 31,079         | 17,688  |
| 2020 <sup>p</sup> |     | 54,002      | 482               | 185   | 1,523       | 34,119         | 17,693  |
| 2019              | 1   | 4,312       | 47                | 27  | 116         | 2,611          | 1,511   |
|                   | 2   | 3,855       | 38                | 23  | 100         | 2,350          | 1,343   |
|                   | 3   | 4,679       | 42                | 25  | 96          | 2,989          | 1,527   |
|                   | 4   | 4,675       | 49                | 27  | 113         | 3,014          | 1,472   |
|                   | 5   | 4,885       | 44                | 27  | 115         | 3,146          | 1,553   |
|                   | 6   | 4,509       | 40                | 26  | 102         | 2,893          | 1,447   |
|                   | 7   | 4,170       | 41                | 25  | 121         | 2,487          | 1,495   |
|                   | 8   | 4,417       | 40                | 25  | 128         | 2,598          | 1,626   |
|                   | 9   | 3,790       | 42                | 14  | 120         | 2,198          | 1,415   |
|                   | 10  | 3,869       | 41                | 7   | 116         | 2,258          | 1,446   |
|                   | 11  | 3,721       | 45                | 14  | 96          | 2,179          | 1,387   |
|                   | 12  | 3,989       | 43                | 20  | 106         | 2,356          | 1,464   |
| 2020 <sup>p</sup> | 1   | 4,089       | 38                | 23  | 115         | 2,534          | 1,379   |
|                   | 2   | 4,276       | 43                | 20  | 113         | 2,703          | 1,398   |
|                   | 3   | 4,830       | 47                | 22  | 114         | 3,081          | 1,567   |
|                   | 4   | 4,691       | 43                | 21  | 109         | 2,916          | 1,602   |
|                   | 5   | 4,900       | 38                | 22  | 120         | 3,250          | 1,470   |
|                   | 6   | 4,605       | 44                | 21  | 109         | 2,997          | 1,435   |
|                   | 7   | 4,526       | 41                | 16  | 130         | 2,923          | 1,416   |
|                   | 8   | 4,476       | 32                | 14  | 229         | 2,668          | 1,533   |
|                   | 9   | 3,837       | 41                | 1   | 187         | 1,979          | 1,628   |
|                   | 10  | 4,423       | 37                | -   | 101         | 2,869          | 1,416   |
|                   | 11  | 4,482       | 41                | 12  | 91          | 2,992          | 1,347   |
|                   | 12  | 4,867       | 39                | 12  | 106         | 3,208          | 1,502   |
| 2021 <sup>p</sup> | 1   | 4,599       | 36                | 10  | 110         | 2,991          | 1,452   |
| 2020 <sup>p</sup> | 1-1 | 4,089       | 38                | 23  | 115         | 2,534          | 1,379   |
| 2021 <sup>p</sup> | 1-1 | 4,599       | 36                | 10  | 110         | 2,991          | 1,452   |

1. 동해-1 가스전 생산량

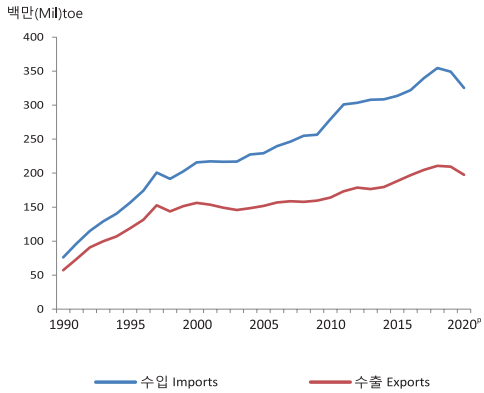
2. 기타: 폐기물을 이용하여 제조한 것

1. Production at Donghae-1 gas field

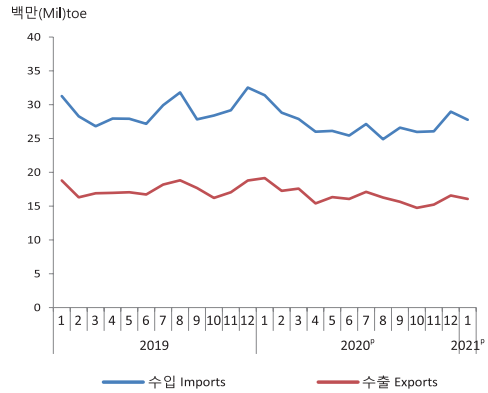
2. Others: The energy source is manufactured from the waste.

## ● 에너지 수출입 Energy Imports and Exports

〈1990~2020〉

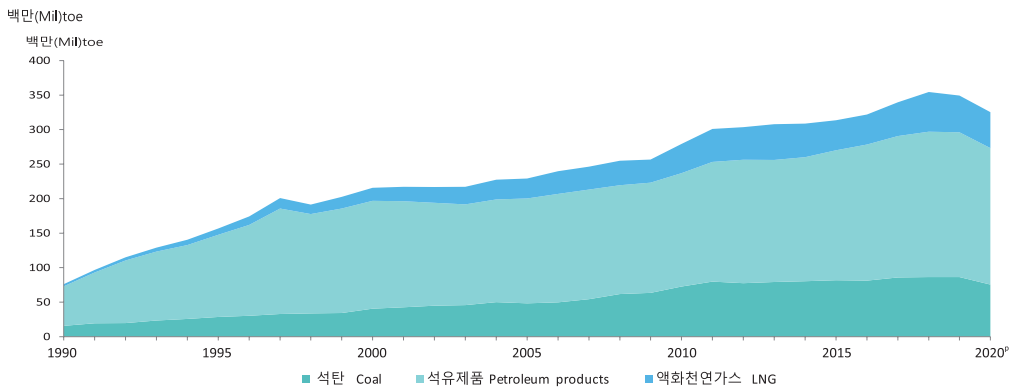


〈월별 Monthly〉

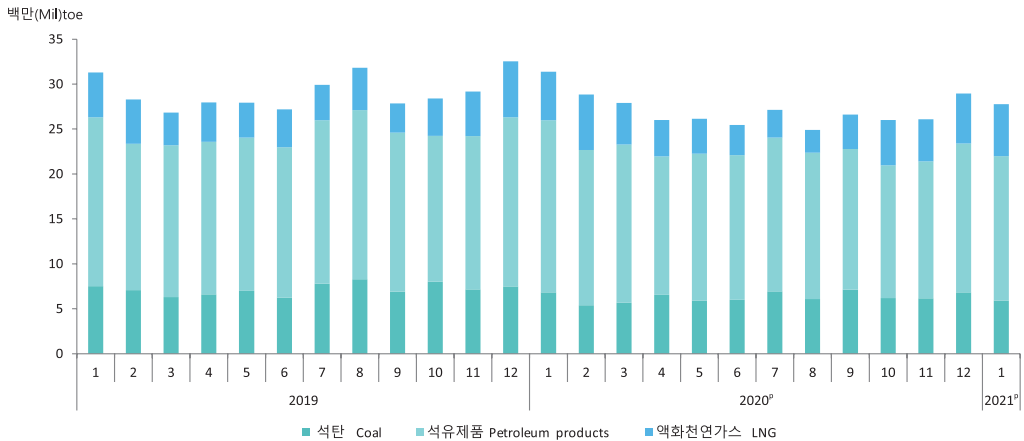


## ● 에너지원별 수입 Energy Imports by Source

〈1990~2020〉



〈월별 Monthly〉



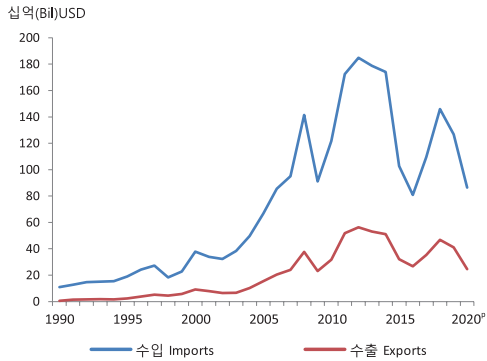


## 1.3.1 에너지 수출입

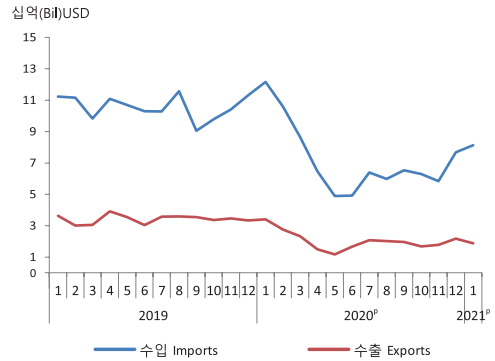
## Energy Imports and Exports

|                   |     | 수입<br>Imports  |            |                               |               | 수출(B)<br>Exports              | 순수입(A-B)    |
|-------------------|-----|----------------|------------|-------------------------------|---------------|-------------------------------|-------------|
|                   |     | 합계(A)<br>Total | 석탄<br>Coal | 석유제품<br>Petroleum<br>products | 액화천연가스<br>LNG | 석유제품<br>Petroleum<br>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              |     | 354,524        | 86,393     | 210,647                       | 57,484        | 74,066                        | 280,458     |
| 2019              |     | 349,174        | 86,336     | 209,621                       | 53,217        | 72,375                        | 276,799     |
| 2020 <sup>p</sup> |     | 325,401        | 75,671     | 197,490                       | 52,240        | 65,208                        | 260,193     |
| 2019              | 1   | 31,292         | 7,511      | 18,798                        | 4,984         | 6,971                         | 24,321      |
|                   | 2   | 28,301         | 7,065      | 16,298                        | 4,938         | 5,493                         | 22,808      |
|                   | 3   | 26,818         | 6,301      | 16,900                        | 3,617         | 5,466                         | 21,352      |
|                   | 4   | 27,960         | 6,612      | 16,979                        | 4,369         | 6,286                         | 21,673      |
|                   | 5   | 27,922         | 6,981      | 17,071                        | 3,870         | 5,803                         | 22,119      |
|                   | 6   | 27,178         | 6,251      | 16,720                        | 4,207         | 5,715                         | 21,463      |
|                   | 7   | 29,931         | 7,790      | 18,198                        | 3,942         | 6,296                         | 23,635      |
|                   | 8   | 31,806         | 8,277      | 18,842                        | 4,688         | 6,273                         | 25,534      |
|                   | 9   | 27,847         | 6,903      | 17,700                        | 3,243         | 6,160                         | 21,687      |
|                   | 10  | 28,412         | 8,004      | 16,237                        | 4,171         | 6,109                         | 22,303      |
|                   | 11  | 29,173         | 7,154      | 17,067                        | 4,951         | 5,702                         | 23,470      |
|                   | 12  | 32,534         | 7,485      | 18,811                        | 6,238         | 6,100                         | 26,434      |
| 2020 <sup>p</sup> | 1   | 31,386         | 6,817      | 19,156                        | 5,414         | 5,987                         | 25,399      |
|                   | 2   | 28,835         | 5,394      | 17,275                        | 6,166         | 5,957                         | 22,878      |
|                   | 3   | 27,896         | 5,682      | 17,587                        | 4,628         | 6,710                         | 21,186      |
|                   | 4   | 26,004         | 6,539      | 15,426                        | 4,038         | 5,996                         | 20,008      |
|                   | 5   | 26,129         | 5,922      | 16,339                        | 3,868         | 4,824                         | 21,305      |
|                   | 6   | 25,453         | 6,004      | 16,079                        | 3,370         | 4,948                         | 20,505      |
|                   | 7   | 27,134         | 6,934      | 17,114                        | 3,086         | 5,470                         | 21,664      |
|                   | 8   | 24,912         | 6,090      | 16,267                        | 2,555         | 5,426                         | 19,486      |
|                   | 9   | 26,620         | 7,121      | 15,667                        | 3,833         | 5,594                         | 21,026      |
|                   | 10  | 25,992         | 6,197      | 14,770                        | 5,026         | 4,712                         | 21,281      |
|                   | 11  | 26,076         | 6,154      | 15,244                        | 4,678         | 4,665                         | 21,411      |
|                   | 12  | 28,963         | 6,817      | 16,567                        | 5,578         | 4,919                         | 24,044      |
| 2021 <sup>p</sup> | 1   | 27,779         | 5,911      | 16,081                        | 5,786         | 4,005                         | 23,773      |
| 2020 <sup>p</sup> | 1-1 | 31,386         | 6,817      | 19,156                        | 5,414         | 5,987                         | 25,399      |
| 2021 <sup>p</sup> | 1-1 | 27,779         | 5,911      | 16,081                        | 5,786         | 4,005                         | 23,773      |

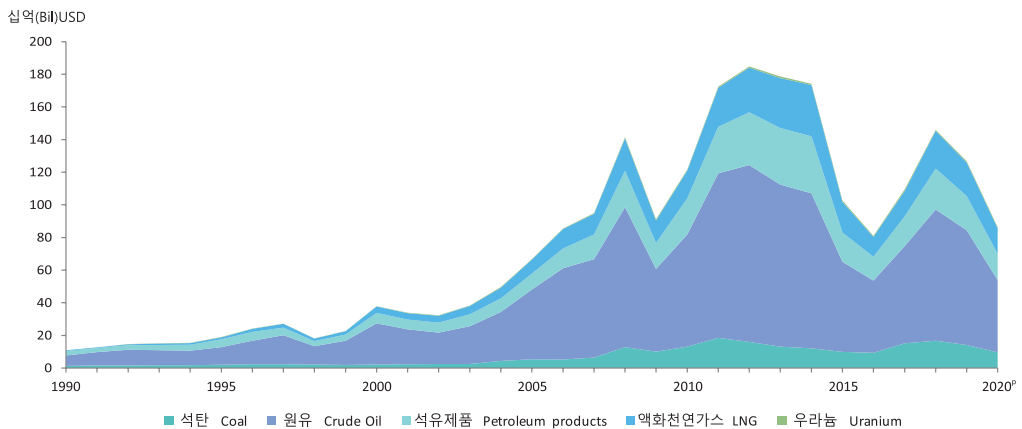
## ● 에너지 수출입액 Energy Export and Import Value

〈1990~2020<sup>o</sup>〉

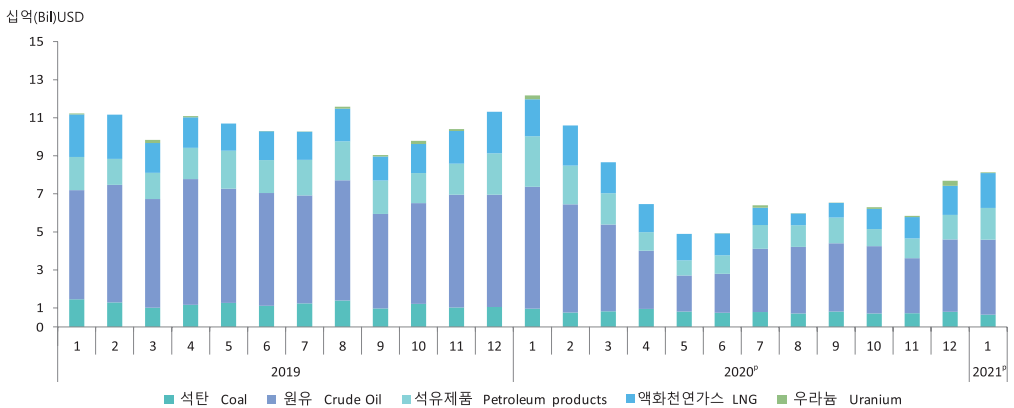
〈월별 Monthly〉



## ● 에너지원별 수입액 Import Value by Energy Source

〈1990~2020<sup>o</sup>〉

〈월별 Monthly〉



## 1.3.2 에너지 수출입액

## Energy Export and Import Value

|                   |     | 수입<br>Imports     |            |                 |                            |               |                | 수출<br>Exports              | 수입액 비중<br>Energy/<br>Total imports |
|-------------------|-----|-------------------|------------|-----------------|----------------------------|---------------|----------------|----------------------------|------------------------------------|
|                   |     | 합계<br>Total       | 석탄<br>Coal | 원유<br>Crude oil | 석유제품<br>Petroleum products | 액화천연가스<br>LNG | 우라늄<br>Uranium | 석유제품<br>Petroleum products |                                    |
|                   |     | 백만달러(Million USD) |            |                 |                            |               |                |                            | %                                  |
| 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              |     | 126,701           | 14,209     | 70,252          | 20,938                     | 20,567        | 736            | 41,080                     | 25.2                               |
| 2020 <sup>p</sup> |     | 86,427            | 9,592      | 44,328          | 16,033                     | 15,716        | 758            | 24,537                     | 18.5                               |
| 2019              | 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 <sup>p</sup> | 1   | 12,169            | 963        | 6,405           | 2,658                      | 1,949         | 194            | 3,404                      | 28.5                               |
|                   | 2   | 10,592            | 759        | 5,686           | 2,037                      | 2,110         | -              | 2,751                      | 28.6                               |
|                   | 3   | 8,662             | 828        | 4,554           | 1,643                      | 1,637         | 0              | 2,330                      | 20.7                               |
|                   | 4   | 6,458             | 956        | 3,059           | 962                        | 1,481         | 0              | 1,498                      | 17.0                               |
|                   | 5   | 4,895             | 811        | 1,897           | 799                        | 1,388         | 0              | 1,176                      | 14.1                               |
|                   | 6   | 4,918             | 745        | 2,054           | 973                        | 1,146         | 0              | 1,669                      | 13.7                               |
|                   | 7   | 6,396             | 789        | 3,321           | 1,256                      | 906           | 123            | 2,076                      | 16.5                               |
|                   | 8   | 5,982             | 708        | 3,500           | 1,142                      | 621           | 11             | 2,018                      | 16.7                               |
|                   | 9   | 6,528             | 807        | 3,593           | 1,356                      | 773           | 0              | 1,969                      | 16.6                               |
|                   | 10  | 6,296             | 707        | 3,546           | 888                        | 1,061         | 94             | 1,679                      | 16.1                               |
|                   | 11  | 5,846             | 719        | 2,905           | 1,033                      | 1,118         | 71             | 1,788                      | 14.6                               |
|                   | 12  | 7,685             | 801        | 3,808           | 1,286                      | 1,526         | 265            | 2,178                      | 17.2                               |
| 2021 <sup>p</sup> | 1   | 8,129             | 653        | 3,938           | 1,666                      | 1,831         | 42             | 1,886                      | 18.4                               |
| 2020 <sup>p</sup> | 1-1 | 12,169            | 963        | 6,405           | 2,658                      | 1,949         | 194            | 3,404                      | 28.5                               |
| 2021 <sup>p</sup> | 1-1 | 8,129             | 653        | 3,938           | 1,666                      | 1,831         | 42             | 1,886                      | 18.4                               |

주: 수입액은 CIF, 수출액은 FOB 기준.

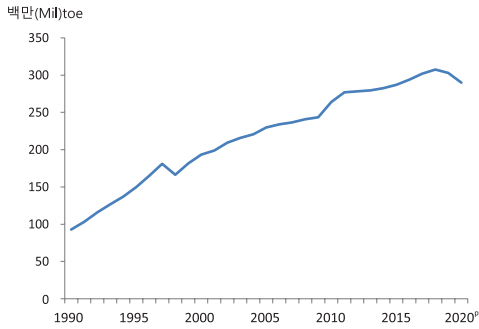
Note: Import values are based on CIF, and export values are based on FOB.

자료: 한국무역협회

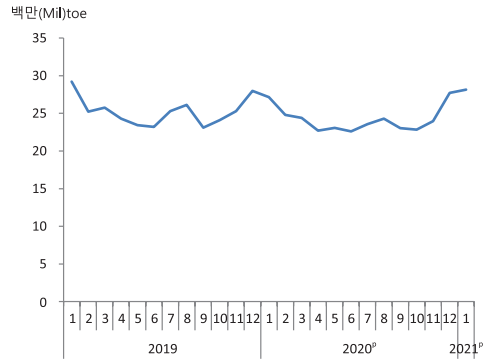
Source: Korea International Trade Association

## ● 1차에너지 공급 Total Primary Energy Supply

〈1990~2020〉

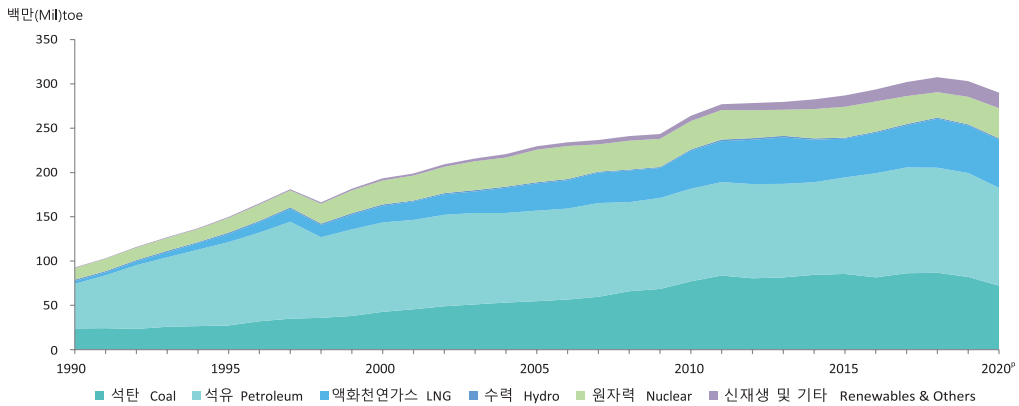


〈월별 Monthly〉

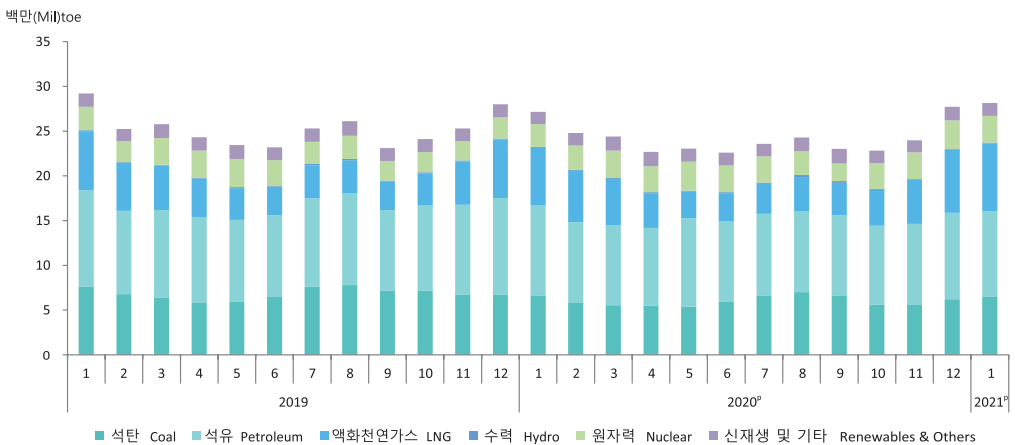


## ● 에너지원별 1차에너지 공급 Primary Energy Supply by Source

〈1990~2020〉



〈월별 Monthly〉



## 1.4.1 1차에너지 공급

## Primary Energy Supply by Source

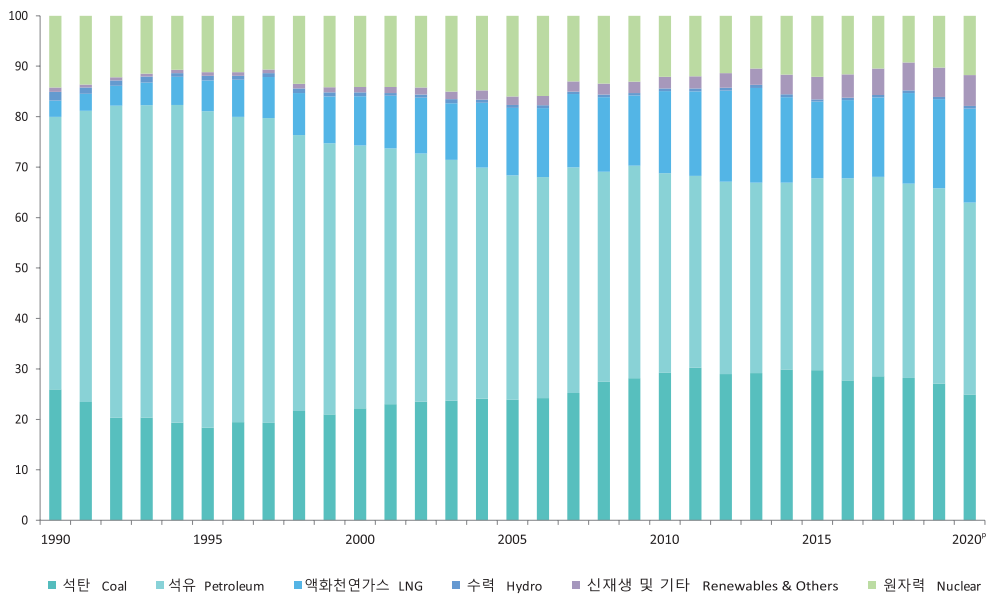
|                   |     | 합계<br>Total | 석탄<br>Coal | 석유<br>Petroleum | 액화천연가스<br>LNG | 수력<br>Hydro | 원자력<br>Nuclear | 신재생 및 기타 <sup>1</sup><br>Renewables & Others <sup>1</sup> |
|-------------------|-----|-------------|------------|-----------------|---------------|-------------|----------------|---|
|                   |     | 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              |     | 229,667     | 54,795     | 102,197         | 30,722        | 1,297       | 36,695         | 3,961   |
| 2006              |     | 234,062     | 56,652     | 102,555         | 32,004        | 1,305       | 37,187         | 4,358   |
| 2007              |     | 236,486     | 59,653     | 105,718         | 34,471        | 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              |     | 286,921     | 85,401     | 109,090         | 43,603        | 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              |     | 307,557     | 86,707     | 118,521         | 55,224        | 1,549       | 28,437         | 17,119  |
| 2019              |     | 303,092     | 82,147     | 117,314         | 53,534        | 1,331       | 31,079         | 17,688  |
| 2020 <sup>p</sup> |     | 290,126     | 72,348     | 110,322         | 54,121        | 1,523       | 34,119         | 17,693  |
| 2019              | 1   | 29,226      | 7,594      | 10,814          | 6,580         | 116         | 2,611          | 1,511   |
|                   | 2   | 25,232      | 6,787      | 9,312           | 5,339         | 100         | 2,350          | 1,343   |
|                   | 3   | 25,770      | 6,414      | 9,760           | 4,984         | 96          | 2,989          | 1,527   |
|                   | 4   | 24,306      | 5,788      | 9,589           | 4,331         | 113         | 3,014          | 1,472   |
|                   | 5   | 23,445      | 5,909      | 9,166           | 3,555         | 115         | 3,146          | 1,553   |
|                   | 6   | 23,201      | 6,477      | 9,102           | 3,179         | 102         | 2,893          | 1,447   |
|                   | 7   | 25,309      | 7,605      | 9,896           | 3,703         | 121         | 2,487          | 1,495   |
|                   | 8   | 26,111      | 7,802      | 10,268          | 3,688         | 128         | 2,598          | 1,626   |
|                   | 9   | 23,098      | 7,132      | 9,056           | 3,176         | 120         | 2,198          | 1,415   |
|                   | 10  | 24,110      | 7,141      | 9,542           | 3,605         | 116         | 2,258          | 1,446   |
|                   | 11  | 25,288      | 6,740      | 10,029          | 4,857         | 96          | 2,179          | 1,387   |
|                   | 12  | 27,997      | 6,756      | 10,779          | 6,536         | 106         | 2,356          | 1,464   |
| 2020 <sup>p</sup> | 1   | 27,150      | 6,596      | 10,105          | 6,421         | 115         | 2,534          | 1,379   |
|                   | 2   | 24,794      | 5,781      | 9,063           | 5,737         | 113         | 2,703          | 1,398   |
|                   | 3   | 24,400      | 5,544      | 8,929           | 5,165         | 114         | 3,081          | 1,567   |
|                   | 4   | 22,692      | 5,519      | 8,669           | 3,877         | 109         | 2,916          | 1,602   |
|                   | 5   | 23,062      | 5,365      | 9,912           | 2,945         | 120         | 3,250          | 1,470   |
|                   | 6   | 22,605      | 5,914      | 9,016           | 3,134         | 109         | 2,997          | 1,435   |
|                   | 7   | 23,580      | 6,642      | 9,104           | 3,365         | 130         | 2,923          | 1,416   |
|                   | 8   | 24,296      | 7,001      | 9,006           | 3,859         | 229         | 2,668          | 1,533   |
|                   | 9   | 23,027      | 6,575      | 9,004           | 3,653         | 187         | 1,979          | 1,628   |
|                   | 10  | 22,827      | 5,633      | 8,804           | 4,004         | 101         | 2,869          | 1,416   |
|                   | 11  | 23,977      | 5,556      | 9,064           | 4,927         | 91          | 2,992          | 1,347   |
|                   | 12  | 27,717      | 6,221      | 9,646           | 7,034         | 106         | 3,208          | 1,502   |
| 2021 <sup>p</sup> | 1   | 28,154      | 6,525      | 9,540           | 7,536         | 110         | 2,991          | 1,452   |
| 2020 <sup>p</sup> | 1-1 | 27,150      | 6,596      | 10,105          | 6,421         | 115         | 2,534          | 1,379   |
| 2021 <sup>p</sup> | 1-1 | 28,154      | 6,525      | 9,540           | 7,536         | 110         | 2,991          | 1,452   |

1. 기타: 폐기물을 이용하여 제조한 것

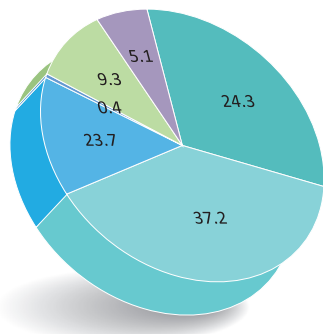
1. Others: The energy source is manufactured from the waste.

### ● 1차에너지 공급 구성비 Shares of Energy Sources in Primary Supply(%)

(1990~2020<sup>p</sup>)

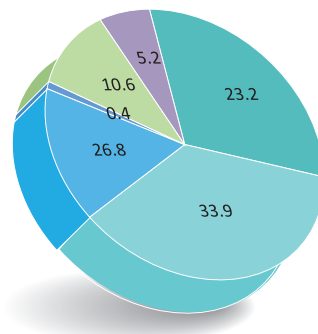


### ● 2020년 1월 January 2020<sup>p</sup>(%)



■ 석탄 Coal      ■ 석유 Petroleum  
 ■ 액화천연가스 LNG      ■ 수력 Hydro  
 ■ 원자력 Nuclear      ■ 신재생 및 기타 Renewables & Others

### ● 2021년 1월 January 2021<sup>p</sup>(%)



■ 석탄 Coal      ■ 석유 Petroleum  
 ■ 액화천연가스 LNG      ■ 수력 Hydro  
 ■ 원자력 Nuclear      ■ 신재생 및 기타 Renewables & Others

## 1.4.2 1차에너지 원별 구성비

## Shares of Energy Sources in Primary Supply

|                   |     | 석탄<br>Coal | 석유<br>Petroleum | 액화천연가스<br>LNG | 수력<br>Hydro | 원자력<br>Nuclear | 신재생 및 기타 <sup>1</sup><br>Renewables & Others <sup>1</sup> |
|-------------------|-----|------------|-----------------|---------------|-------------|----------------|---|
|                   |     | %          |                 |               |             |                |   |
| 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       | 44.5            | 13.4          | 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              |     | 27.1       | 38.7            | 17.7          | 0.4         | 10.3           | 5.8   |
| 2020 <sup>p</sup> |     | 24.9       | 38.0            | 18.7          | 0.5         | 11.8           | 6.1   |
| 2019              | 1   | 26.0       | 37.0            | 22.5          | 0.4         | 8.9            | 5.2   |
|                   | 2   | 26.9       | 36.9            | 21.2          | 0.4         | 9.3            | 5.3   |
|                   | 3   | 24.9       | 37.9            | 19.3          | 0.4         | 11.6           | 5.9   |
|                   | 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           | 6.2   |
|                   | 7   | 30.1       | 39.1            | 14.6          | 0.5         | 9.8            | 5.9   |
|                   | 8   | 29.9       | 39.3            | 14.1          | 0.5         | 9.9            | 6.2   |
|                   | 9   | 30.9       | 39.2            | 13.8          | 0.5         | 9.5            | 6.1   |
|                   | 10  | 29.6       | 39.6            | 15.0          | 0.5         | 9.4            | 6.0   |
|                   | 11  | 26.7       | 39.7            | 19.2          | 0.4         | 8.6            | 5.5   |
|                   | 12  | 24.1       | 38.5            | 23.3          | 0.4         | 8.4            | 5.2   |
| 2020 <sup>p</sup> | 1   | 24.3       | 37.2            | 23.7          | 0.4         | 9.3            | 5.1   |
|                   | 2   | 23.3       | 36.6            | 23.1          | 0.5         | 10.9           | 5.6   |
|                   | 3   | 22.7       | 36.6            | 21.2          | 0.5         | 12.6           | 6.4   |
|                   | 4   | 24.3       | 38.2            | 17.1          | 0.5         | 12.8           | 7.1   |
|                   | 5   | 23.3       | 43.0            | 12.8          | 0.5         | 14.1           | 6.4   |
|                   | 6   | 26.2       | 39.9            | 13.9          | 0.5         | 13.3           | 6.3   |
|                   | 7   | 28.2       | 38.6            | 14.3          | 0.6         | 12.4           | 6.0   |
|                   | 8   | 28.8       | 37.1            | 15.9          | 0.9         | 11.0           | 6.3   |
|                   | 9   | 28.6       | 39.1            | 15.9          | 0.8         | 8.6            | 7.1   |
|                   | 10  | 24.7       | 38.6            | 17.5          | 0.4         | 12.6           | 6.2   |
|                   | 11  | 23.2       | 37.8            | 20.5          | 0.4         | 12.5           | 5.6   |
|                   | 12  | 22.4       | 34.8            | 25.4          | 0.4         | 11.6           | 5.4   |
| 2021 <sup>p</sup> | 1   | 23.2       | 33.9            | 26.8          | 0.4         | 10.6           | 5.2   |
| 2020 <sup>p</sup> | 1-1 | 24.3       | 37.2            | 23.7          | 0.4         | 9.3            | 5.1   |
| 2021 <sup>p</sup> | 1-1 | 23.2       | 33.9            | 26.8          | 0.4         | 10.6           | 5.2   |

1. 기타: 폐기물을 이용하여 제조한 것

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





## 2. 최종에너지 소비

### Final Energy Consumption

#### 2.1.1 최종에너지 원별 소비

Final Energy Consumption by Source

#### 2.1.2 최종에너지 원별 구성비

Shares of Energy Sources in Final Consumption

#### 2.2.1 최종에너지 부문별 소비

Final Energy Consumption by Sector

#### 2.2.2 산업

Industry

#### 2.2.3 수송

Transport

#### 2.2.4 가정·상업

Residential and Commercial

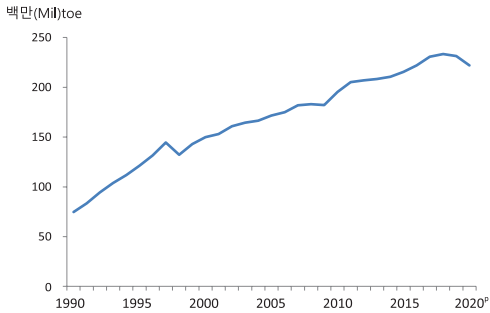
#### 2.2.5 공공

Public

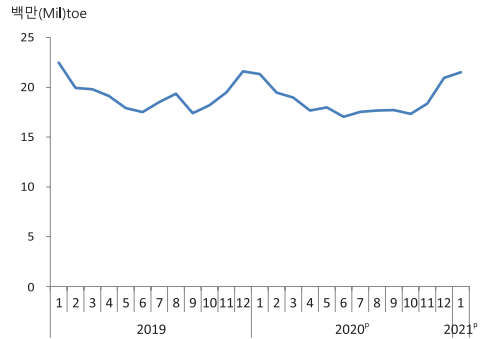


## ● 최종에너지 소비 Total Final Energy Consumption

〈1990~2020°〉

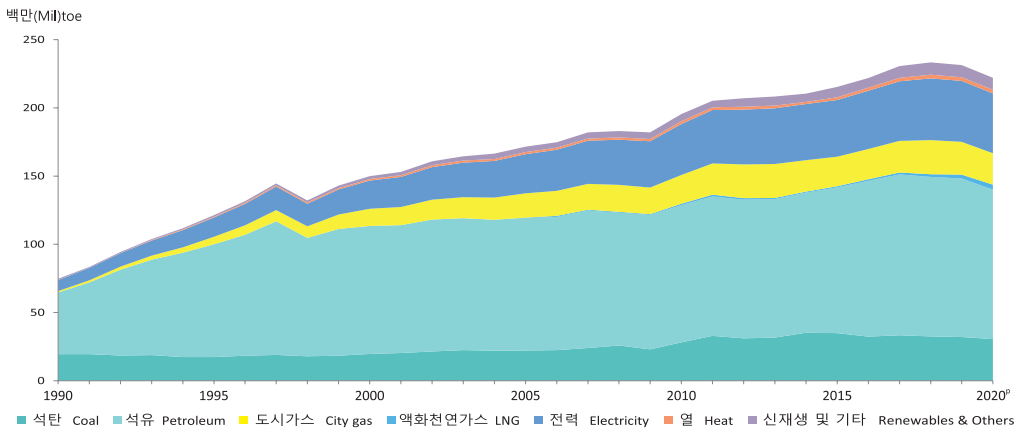


〈월별 Monthly〉

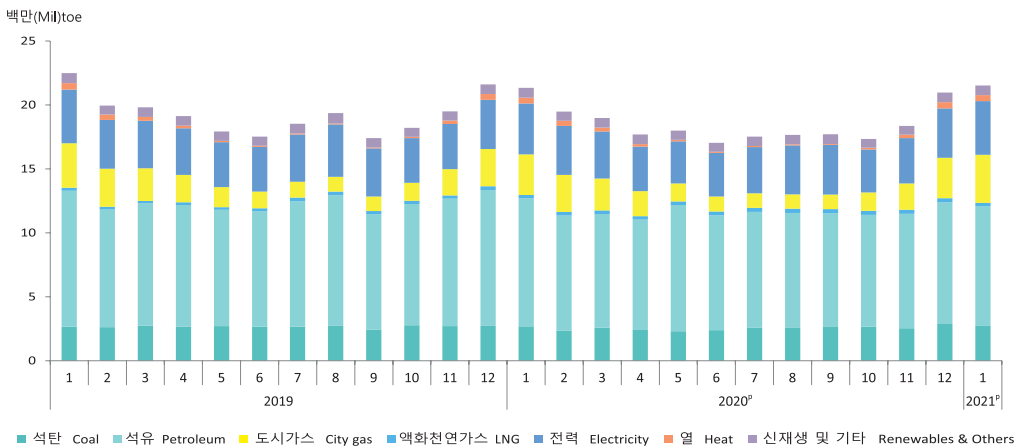


## ● 에너지원별 최종에너지 소비 Final Energy Consumption by Source

〈1990~2020°〉



〈월별 Monthly〉



## 2.1.1 최종에너지 원별 소비

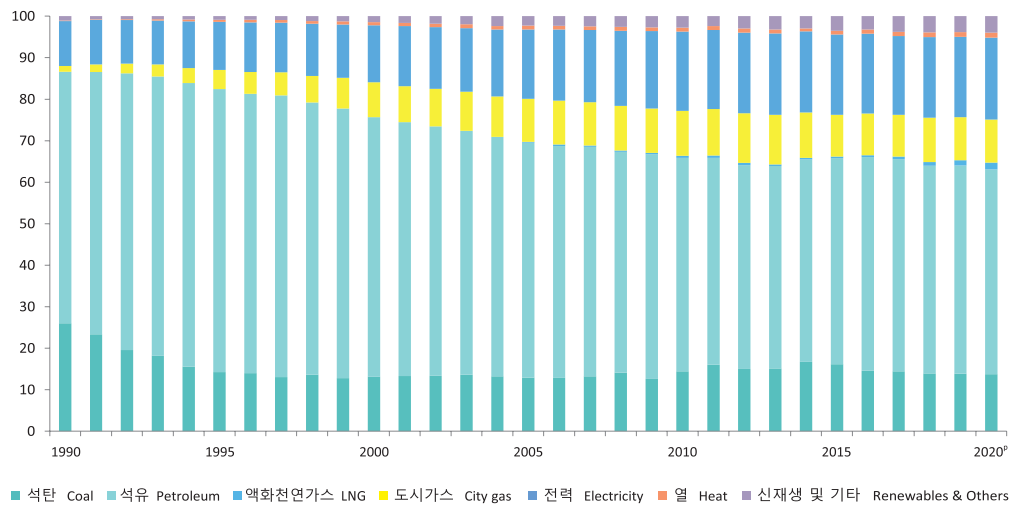
## Final Energy Consumption by Source

|                   |     | 합계<br>Total | 석탄<br>Coal | 석유<br>Petroleum | 액화천연가스<br>LNG | 도시가스<br>City gas | 전력<br>Electricity | 열<br>Heat | 신재생 및 기타 <sup>1)</sup><br>Renewables & Others <sup>1)</sup> |
|-------------------|-----|-------------|------------|-----------------|---------------|------------------|-------------------|-----------|---|
|                   |     | 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              |     | 171,543     | 22,154     | 97,076          | 366           | 17,811           | 28,588            | 1,652     | 3,896   |
| 2006              |     | 174,873     | 22,461     | 97,665          | 738           | 18,379           | 29,990            | 1,549     | 4,092   |
| 2007              |     | 182,015     | 24,056     | 100,720         | 518           | 18,955           | 31,700            | 1,576     | 4,491   |
| 2008              |     | 183,054     | 25,879     | 97,316          | 564           | 19,765           | 33,116            | 1,668     | 4,747   |
| 2009              |     | 182,080     | 23,015     | 98,516          | 589           | 19,459           | 33,925            | 1,709     | 4,867   |
| 2010              |     | 195,401     | 28,189     | 100,519         | 989           | 21,081           | 37,338            | 1,939     | 5,346   |
| 2011              |     | 205,239     | 32,860     | 102,294         | 1,252         | 22,871           | 39,136            | 1,976     | 4,850   |
| 2012              |     | 206,968     | 31,017     | 101,683         | 1,156         | 24,728           | 40,127            | 2,102     | 6,156   |
| 2013              |     | 208,362     | 31,603     | 101,522         | 813           | 24,878           | 40,837            | 2,070     | 6,639   |
| 2014              |     | 210,448     | 35,198     | 102,664         | 769           | 23,041           | 41,073            | 1,528     | 6,175   |
| 2015              |     | 215,389     | 34,849     | 106,854         | 851           | 21,678           | 41,594            | 1,967     | 7,595   |
| 2016              |     | 221,936     | 32,342     | 114,264         | 1,044         | 22,186           | 42,745            | 2,183     | 7,173   |
| 2017              |     | 230,594     | 33,360     | 117,861         | 1,370         | 23,258           | 43,666            | 2,441     | 8,638   |
| 2018              |     | 233,368     | 32,480     | 116,831         | 2,038         | 24,979           | 45,249            | 2,682     | 9,110   |
| 2019              |     | 231,353     | 32,057     | 116,125         | 2,909         | 23,943           | 44,763            | 2,646     | 8,910   |
| 2020 <sup>p</sup> |     | 222,017     | 30,565     | 109,484         | 3,602         | 23,122           | 43,797            | 2,657     | 8,789   |
| 2019              | 1   | 22,484      | 2,647      | 10,649          | 234           | 3,478            | 4,183             | 505       | 788   |
|                   | 2   | 19,936      | 2,616      | 9,205           | 219           | 2,971            | 3,814             | 411       | 700   |
|                   | 3   | 19,806      | 2,738      | 9,560           | 196           | 2,558            | 3,706             | 305       | 743   |
|                   | 4   | 19,129      | 2,667      | 9,494           | 227           | 2,132            | 3,650             | 202       | 758   |
|                   | 5   | 17,918      | 2,700      | 9,099           | 199           | 1,580            | 3,501             | 102       | 738   |
|                   | 6   | 17,522      | 2,647      | 9,032           | 237           | 1,311            | 3,493             | 75        | 728   |
|                   | 7   | 18,525      | 2,660      | 9,814           | 274           | 1,244            | 3,695             | 75        | 763   |
|                   | 8   | 19,351      | 2,751      | 10,183          | 286           | 1,160            | 4,090             | 73        | 807   |
|                   | 9   | 17,400      | 2,443      | 9,012           | 242           | 1,144            | 3,754             | 68        | 739   |
|                   | 10  | 18,199      | 2,768      | 9,490           | 249           | 1,395            | 3,494             | 112       | 691   |
|                   | 11  | 19,486      | 2,704      | 9,958           | 260           | 2,049            | 3,536             | 271       | 707   |
|                   | 12  | 21,597      | 2,715      | 10,630          | 288           | 2,922            | 3,847             | 447       | 748   |
| 2020 <sup>p</sup> | 1   | 21,332      | 2,682      | 9,998           | 282           | 3,168            | 3,984             | 446       | 772   |
|                   | 2   | 19,475      | 2,342      | 9,003           | 284           | 2,899            | 3,827             | 394       | 726   |
|                   | 3   | 18,969      | 2,586      | 8,877           | 286           | 2,485            | 3,687             | 302       | 746   |
|                   | 4   | 17,679      | 2,404      | 8,624           | 268           | 1,951            | 3,481             | 206       | 744   |
|                   | 5   | 17,985      | 2,295      | 9,877           | 273           | 1,415            | 3,296             | 106       | 722   |
|                   | 6   | 17,031      | 2,387      | 8,977           | 302           | 1,166            | 3,419             | 76        | 705   |
|                   | 7   | 17,525      | 2,568      | 9,071           | 318           | 1,127            | 3,618             | 77        | 746   |
|                   | 8   | 17,660      | 2,610      | 8,943           | 327           | 1,125            | 3,836             | 79        | 741   |
|                   | 9   | 17,711      | 2,632      | 8,908           | 304           | 1,137            | 3,880             | 75        | 777   |
|                   | 10  | 17,339      | 2,652      | 8,752           | 314           | 1,437            | 3,360             | 141       | 683   |
|                   | 11  | 18,356      | 2,544      | 8,941           | 309           | 2,066            | 3,539             | 268       | 689   |
|                   | 12  | 20,956      | 2,863      | 9,515           | 334           | 3,147            | 3,872             | 486       | 739   |
| 2021 <sup>p</sup> | 1   | 21,521      | 2,727      | 9,350           | 265           | 3,752            | 4,193             | 468       | 766   |
| 2020 <sup>p</sup> | 1-1 | 21,332      | 2,682      | 9,998           | 282           | 3,168            | 3,984             | 446       | 772   |
| 2021 <sup>p</sup> | 1-1 | 21,521      | 2,727      | 9,350           | 265           | 3,752            | 4,193             | 468       | 766   |

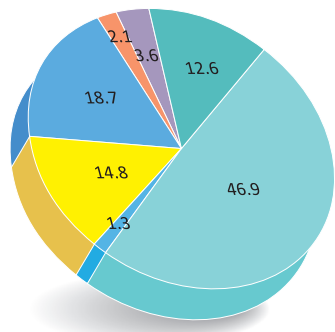
1. 기타: 폐기물을 이용하여 제조한 것

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

### ● 최종에너지 원별 구성비 Shares of Energy Sources in Final Consumption(%)

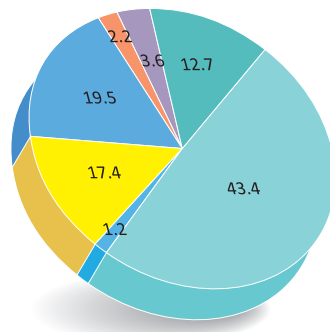


### ● 2020년 1월 January 2020<sup>p</sup>(%)



■ 석탄 Coal      ■ 석유 Petroleum  
 ■ 액화천연가스 LNG      ■ 도시가스 City gas  
 ■ 전력 Electricity      ■ 열 Heat  
 ■ 신재생 및 기타 Renewables & Others

### ● 2021년 1월 January 2021<sup>p</sup>(%)



■ 석탄 Coal      ■ 석유 Petroleum  
 ■ 액화천연가스 LNG      ■ 도시가스 City gas  
 ■ 전력 Electricity      ■ 열 Heat  
 ■ 신재생 및 기타 Renewables & Others

## 2.1.2 최종에너지 원별 구성비

## Shares of Energy Sources in Final Consumption

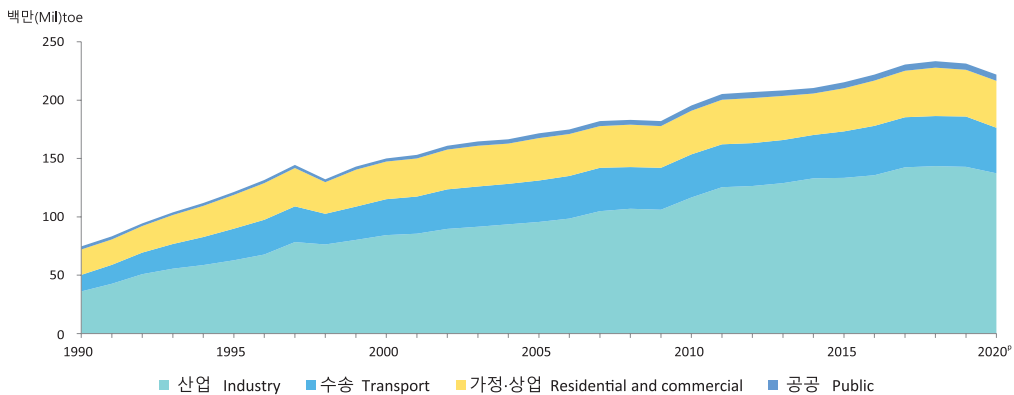
|                   |     | 석탄<br>Coal | 석유<br>Petroleum | 액화천연가스<br>LNG | 도시가스<br>City gas | 전력<br>Electricity | 열<br>Heat | 신재생 및 기타 <sup>1</sup><br>Renewables & Others <sup>1</sup> |
|-------------------|-----|------------|-----------------|---------------|------------------|-------------------|-----------|---|
|                   |     | %          |                 |               |                  |                   |           |   |
| 1990              |     | 26.0       | 60.6            | -             | 1.4              | 10.9              | 0.1       | 1.1   |
| 1995              |     | 14.3       | 68.1            | -             | 4.6              | 11.6              | 0.5       | 0.9   |
| 1996              |     | 14.0       | 67.3            | -             | 5.3              | 11.9              | 0.6       | 0.9   |
| 1997              |     | 13.1       | 67.8            | -             | 5.6              | 11.9              | 0.6       | 0.9   |
| 1998              |     | 13.6       | 65.6            | -             | 6.4              | 12.6              | 0.7       | 1.2   |
| 1999              |     | 12.8       | 65.0            | -             | 7.4              | 12.9              | 0.7       | 1.3   |
| 2000              |     | 13.1       | 62.6            | 0             | 8.4              | 13.7              | 0.8       | 1.4   |
| 2001              |     | 13.3       | 61.1            | -             | 8.7              | 14.5              | 0.8       | 1.6   |
| 2002              |     | 13.4       | 60.1            | -             | 9.1              | 14.9              | 0.8       | 1.8   |
| 2003              |     | 13.6       | 58.7            | -             | 9.4              | 15.3              | 0.9       | 2.0   |
| 2004              |     | 13.3       | 57.6            | -             | 9.7              | 16.1              | 0.9       | 2.4   |
| 2005              |     | 12.9       | 56.6            | 0.2           | 10.4             | 16.7              | 1.0       | 2.3   |
| 2006              |     | 12.8       | 55.8            | 0.4           | 10.5             | 17.1              | 0.9       | 2.3   |
| 2007              |     | 13.2       | 55.3            | 0.3           | 10.4             | 17.4              | 0.9       | 2.5   |
| 2008              |     | 14.1       | 53.2            | 0.3           | 10.8             | 18.1              | 0.9       | 2.6   |
| 2009              |     | 12.6       | 54.1            | 0.3           | 10.7             | 18.6              | 0.9       | 2.7   |
| 2010              |     | 14.4       | 51.4            | 0.5           | 10.8             | 19.1              | 1.0       | 2.7   |
| 2011              |     | 16.0       | 49.8            | 0.6           | 11.1             | 19.1              | 1.0       | 2.4   |
| 2012              |     | 15.0       | 49.1            | 0.6           | 11.9             | 19.4              | 1.0       | 3.0   |
| 2013              |     | 15.2       | 48.7            | 0.4           | 11.9             | 19.6              | 1.0       | 3.2   |
| 2014              |     | 16.7       | 48.8            | 0.4           | 10.9             | 19.5              | 0.7       | 2.9   |
| 2015              |     | 16.2       | 49.6            | 0.4           | 10.1             | 19.3              | 0.9       | 3.5   |
| 2016              |     | 14.6       | 51.5            | 0.5           | 10.0             | 19.3              | 1.0       | 3.2   |
| 2017              |     | 14.5       | 51.1            | 0.6           | 10.1             | 18.9              | 1.1       | 3.7   |
| 2018              |     | 13.9       | 50.1            | 0.9           | 10.7             | 19.4              | 1.1       | 3.9   |
| 2019              |     | 13.9       | 50.2            | 1.3           | 10.3             | 19.3              | 1.1       | 3.9   |
| 2020 <sup>p</sup> |     | 13.8       | 49.3            | 1.6           | 10.4             | 19.7              | 1.2       | 4.0   |
| 2019              | 1   | 11.8       | 47.4            | 1.0           | 15.5             | 18.6              | 2.2       | 3.5   |
|                   | 2   | 13.1       | 46.2            | 1.1           | 14.9             | 19.1              | 2.1       | 3.5   |
|                   | 3   | 13.8       | 48.3            | 1.0           | 12.9             | 18.7              | 1.5       | 3.8   |
|                   | 4   | 13.9       | 49.6            | 1.2           | 11.1             | 19.1              | 1.1       | 4.0   |
|                   | 5   | 15.1       | 50.8            | 1.1           | 8.8              | 19.5              | 0.6       | 4.1   |
|                   | 6   | 15.1       | 51.5            | 1.4           | 7.5              | 19.9              | 0.4       | 4.2   |
|                   | 7   | 14.4       | 53.0            | 1.5           | 6.7              | 19.9              | 0.4       | 4.1   |
|                   | 8   | 14.2       | 52.6            | 1.5           | 6.0              | 21.1              | 0.4       | 4.2   |
|                   | 9   | 14.0       | 51.8            | 1.4           | 6.6              | 21.6              | 0.4       | 4.2   |
|                   | 10  | 15.2       | 52.1            | 1.4           | 7.7              | 19.2              | 0.6       | 3.8   |
|                   | 11  | 13.9       | 51.1            | 1.3           | 10.5             | 18.1              | 1.4       | 3.6   |
|                   | 12  | 12.6       | 49.2            | 1.3           | 13.5             | 17.8              | 2.1       | 3.5   |
| 2020 <sup>p</sup> | 1   | 12.6       | 46.9            | 1.3           | 14.8             | 18.7              | 2.1       | 3.6   |
|                   | 2   | 12.0       | 46.2            | 1.5           | 14.9             | 19.7              | 2.0       | 3.7   |
|                   | 3   | 13.6       | 46.8            | 1.5           | 13.1             | 19.4              | 1.6       | 3.9   |
|                   | 4   | 13.6       | 48.8            | 1.5           | 11.0             | 19.7              | 1.2       | 4.2   |
|                   | 5   | 12.8       | 54.9            | 1.5           | 7.9              | 18.3              | 0.6       | 4.0   |
|                   | 6   | 14.0       | 52.7            | 1.8           | 6.8              | 20.1              | 0.4       | 4.1   |
|                   | 7   | 14.7       | 51.8            | 1.8           | 6.4              | 20.6              | 0.4       | 4.3   |
|                   | 8   | 14.8       | 50.6            | 1.9           | 6.4              | 21.7              | 0.4       | 4.2   |
|                   | 9   | 14.9       | 50.3            | 1.7           | 6.4              | 21.9              | 0.4       | 4.4   |
|                   | 10  | 15.3       | 50.5            | 1.8           | 8.3              | 19.4              | 0.8       | 3.9   |
|                   | 11  | 13.9       | 48.7            | 1.7           | 11.3             | 19.3              | 1.5       | 3.8   |
|                   | 12  | 13.7       | 45.4            | 1.6           | 15.0             | 18.5              | 2.3       | 3.5   |
| 2021 <sup>p</sup> | 1   | 12.7       | 43.4            | 1.2           | 17.4             | 19.5              | 2.2       | 3.6   |
| 2020 <sup>p</sup> | 1-1 | 12.6       | 46.9            | 1.3           | 14.8             | 18.7              | 2.1       | 3.6   |
| 2021 <sup>p</sup> | 1-1 | 12.7       | 43.4            | 1.2           | 17.4             | 19.5              | 2.2       | 3.6   |

1. 기타: 폐기물을 이용하여 제조한 것

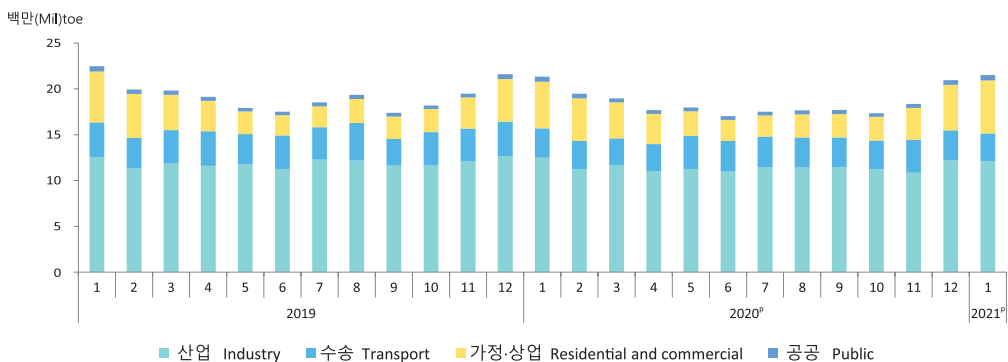
1. Others: The energy source is manufactured from the waste.

## ● 최종에너지 부문별 소비 Final Energy Consumption by Sector

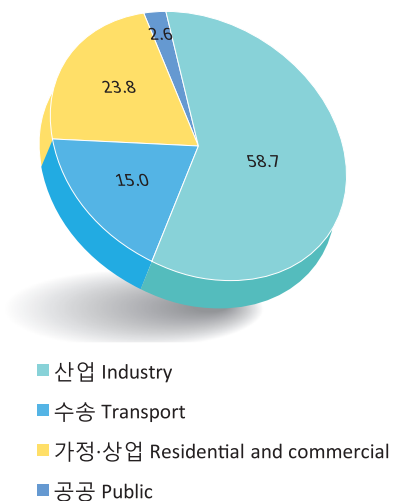
〈1990~2020〉



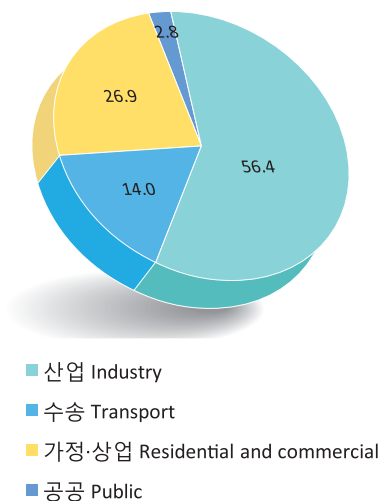
〈월별 Monthly〉



## ● 2020년 1월 January 2020<sup>p</sup>(%)



## ● 2021년 1월 January 2021<sup>p</sup>(%)



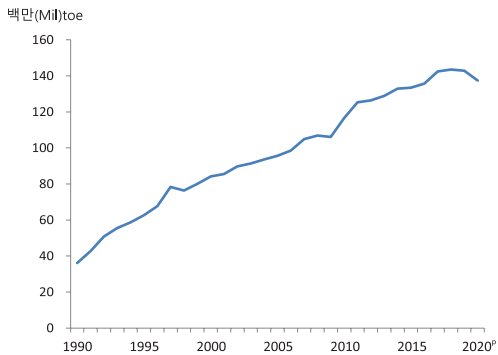
## 2.2.1 최종에너지 부문별 소비

## Final Energy Consumption by Sector

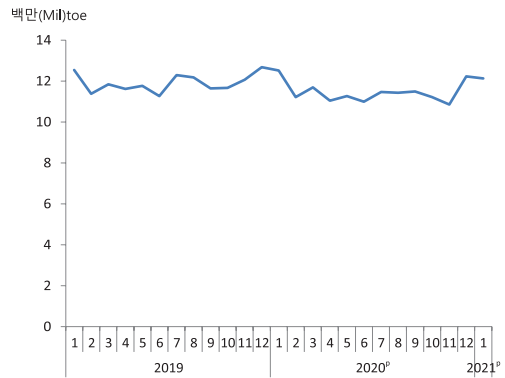
|                   |     | 합계<br>Total | 산업<br>Industry | 수송<br>Transport | 가정·상업<br>Residential and<br>Commercial | 공공<br>Public |
|-------------------|-----|-------------|----------------|-----------------|--|--------------|
|                   |     | 1,000 toe   |                |                 |  |              |
| 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              |     | 171,543     | 95,578         | 35,534          | 36,336                                 | 4,095        |
| 2006              |     | 174,873     | 98,577         | 36,522          | 35,921                                 | 3,853        |
| 2007              |     | 182,015     | 104,866        | 37,059          | 35,941                                 | 4,150        |
| 2008              |     | 183,054     | 106,902        | 35,756          | 36,286                                 | 4,110        |
| 2009              |     | 182,080     | 106,053        | 35,892          | 35,829                                 | 4,305        |
| 2010              |     | 195,401     | 116,590        | 36,903          | 37,425                                 | 4,482        |
| 2011              |     | 205,239     | 125,332        | 36,842          | 38,265                                 | 4,800        |
| 2012              |     | 206,968     | 126,368        | 36,783          | 38,603                                 | 5,214        |
| 2013              |     | 208,362     | 128,920        | 36,961          | 37,765                                 | 4,716        |
| 2014              |     | 210,448     | 132,897        | 37,241          | 35,627                                 | 4,683        |
| 2015              |     | 215,389     | 133,416        | 39,851          | 37,021                                 | 5,101        |
| 2016              |     | 221,936     | 135,698        | 42,271          | 38,721                                 | 5,246        |
| 2017              |     | 230,594     | 142,481        | 42,796          | 39,857                                 | 5,460        |
| 2018              |     | 233,368     | 143,498        | 42,959          | 41,343                                 | 5,567        |
| 2019              |     | 231,353     | 142,903        | 42,975          | 40,088                                 | 5,388        |
| 2020 <sup>p</sup> |     | 222,017     | 137,389        | 38,940          | 40,322                                 | 5,366        |
| 2019              | 1   | 22,484      | 12,541         | 3,811           | 5,556                                  | 577          |
|                   | 2   | 19,936      | 11,375         | 3,275           | 4,803                                  | 484          |
|                   | 3   | 19,806      | 11,838         | 3,661           | 3,850                                  | 456          |
|                   | 4   | 19,129      | 11,610         | 3,770           | 3,313                                  | 435          |
|                   | 5   | 17,918      | 11,766         | 3,303           | 2,460                                  | 389          |
|                   | 6   | 17,522      | 11,260         | 3,659           | 2,203                                  | 400          |
|                   | 7   | 18,525      | 12,291         | 3,525           | 2,281                                  | 428          |
|                   | 8   | 19,351      | 12,182         | 4,087           | 2,625                                  | 456          |
|                   | 9   | 17,400      | 11,635         | 2,908           | 2,438                                  | 419          |
|                   | 10  | 18,199      | 11,668         | 3,621           | 2,509                                  | 401          |
|                   | 11  | 19,486      | 12,062         | 3,609           | 3,383                                  | 432          |
|                   | 12  | 21,597      | 12,675         | 3,745           | 4,666                                  | 511          |
| 2020 <sup>p</sup> | 1   | 21,332      | 12,512         | 3,198           | 5,077                                  | 545          |
|                   | 2   | 19,475      | 11,221         | 3,104           | 4,652                                  | 498          |
|                   | 3   | 18,969      | 11,695         | 2,914           | 3,911                                  | 448          |
|                   | 4   | 17,679      | 11,034         | 2,938           | 3,298                                  | 409          |
|                   | 5   | 17,985      | 11,264         | 3,619           | 2,687                                  | 414          |
|                   | 6   | 17,031      | 10,994         | 3,317           | 2,308                                  | 412          |
|                   | 7   | 17,525      | 11,463         | 3,330           | 2,305                                  | 426          |
|                   | 8   | 17,660      | 11,423         | 3,282           | 2,518                                  | 438          |
|                   | 9   | 17,711      | 11,488         | 3,228           | 2,541                                  | 454          |
|                   | 10  | 17,339      | 11,216         | 3,156           | 2,577                                  | 389          |
|                   | 11  | 18,356      | 10,854         | 3,602           | 3,473                                  | 426          |
|                   | 12  | 20,956      | 12,225         | 3,249           | 4,974                                  | 507          |
| 2021 <sup>p</sup> | 1   | 21,521      | 12,130         | 3,016           | 5,782                                  | 593          |
| 2020 <sup>p</sup> | 1-1 | 21,332      | 12,512         | 3,198           | 5,077                                  | 545          |
| 2021 <sup>p</sup> | 1-1 | 21,521      | 12,130         | 3,016           | 5,782                                  | 593          |

## ● 산업 Industry

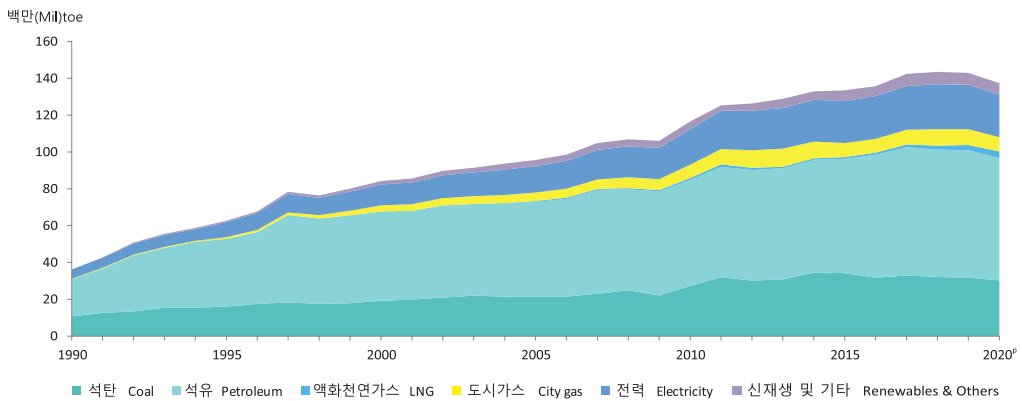
〈1990~2020°〉



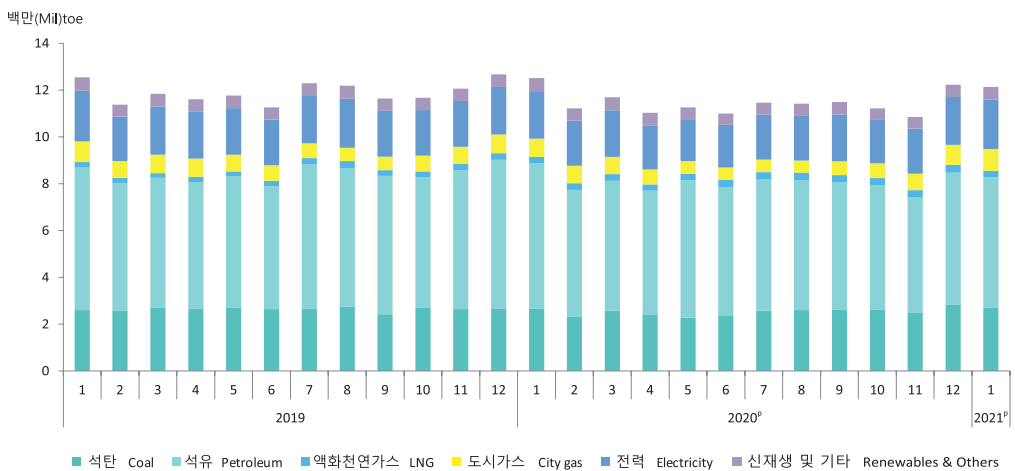
〈월별 Monthly〉



〈1990~2020°〉



〈월별 Monthly〉





## 2.2.2 산업

## Industry

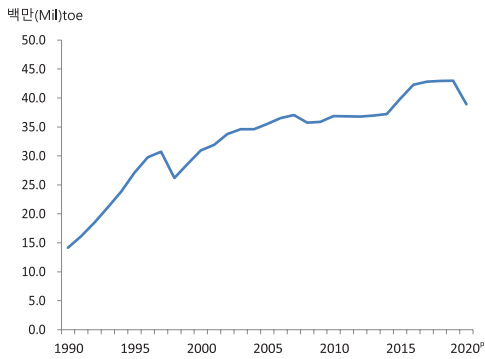
|                   |     | 합계<br>Total | 석탄<br>Coal | 석유<br>Petroleum | 액화천연가스<br>LNG | 도시가스<br>City gas | 전력<br>Electricity | 신재생 및 기타 <sup>1</sup><br>Renewables & Others <sup>1</sup> |
|-------------------|-----|-------------|------------|-----------------|---------------|------------------|-------------------|---|
|                   |     | 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              |     | 95,578      | 21,242     | 51,746          | 366           | 4,656            | 14,346            | 3,222   |
| 2006              |     | 98,577      | 21,398     | 53,114          | 738           | 4,847            | 15,021            | 3,459   |
| 2007              |     | 104,866     | 23,043     | 56,364          | 518           | 5,225            | 16,018            | 3,699   |
| 2008              |     | 106,902     | 24,791     | 54,964          | 564           | 5,933            | 16,738            | 3,912   |
| 2009              |     | 106,053     | 22,075     | 56,616          | 589           | 5,891            | 17,006            | 3,876   |
| 2010              |     | 116,590     | 27,288     | 57,576          | 989           | 7,329            | 19,193            | 4,215   |
| 2011              |     | 125,332     | 31,989     | 59,977          | 1,252         | 8,383            | 20,830            | 2,900   |
| 2012              |     | 126,368     | 30,185     | 60,073          | 1,156         | 9,501            | 21,426            | 4,028   |
| 2013              |     | 128,920     | 30,730     | 60,369          | 813           | 9,903            | 22,088            | 5,017   |
| 2014              |     | 132,897     | 34,452     | 61,343          | 769           | 9,050            | 22,757            | 4,526   |
| 2015              |     | 133,416     | 34,177     | 62,156          | 851           | 7,644            | 22,844            | 5,743   |
| 2016              |     | 135,698     | 31,770     | 66,820          | 1,044         | 7,537            | 23,218            | 5,309   |
| 2017              |     | 142,481     | 32,847     | 69,833          | 1,370         | 8,010            | 23,794            | 6,627   |
| 2018              |     | 143,498     | 32,048     | 69,294          | 2,038         | 9,028            | 24,399            | 6,691   |
| 2019              |     | 142,903     | 31,752     | 69,216          | 2,909         | 8,540            | 24,060            | 6,426   |
| 2020 <sup>p</sup> |     | 137,389     | 30,323     | 66,317          | 3,602         | 7,823            | 23,108            | 6,216   |
| 2019              | 1   | 12,541      | 2,602      | 6,090           | 234           | 880              | 2,159             | 577   |
|                   | 2   | 11,375      | 2,589      | 5,431           | 219           | 725              | 1,903             | 508   |
|                   | 3   | 11,838      | 2,720      | 5,536           | 196           | 795              | 2,046             | 546   |
|                   | 4   | 11,610      | 2,654      | 5,417           | 227           | 772              | 2,005             | 536   |
|                   | 5   | 11,766      | 2,694      | 5,634           | 199           | 712              | 1,995             | 533   |
|                   | 6   | 11,260      | 2,643      | 5,244           | 237           | 664              | 1,951             | 521   |
|                   | 7   | 12,291      | 2,656      | 6,166           | 274           | 632              | 2,022             | 540   |
|                   | 8   | 12,182      | 2,745      | 5,932           | 286           | 576              | 2,086             | 557   |
|                   | 9   | 11,635      | 2,419      | 5,918           | 242           | 583              | 1,952             | 521   |
|                   | 10  | 11,668      | 2,717      | 5,562           | 249           | 667              | 1,951             | 521   |
|                   | 11  | 12,062      | 2,640      | 5,942           | 260           | 738              | 1,958             | 523   |
|                   | 12  | 12,675      | 2,672      | 6,344           | 288           | 796              | 2,032             | 543   |
| 2020 <sup>p</sup> | 1   | 12,512      | 2,655      | 6,212           | 282           | 779              | 2,024             | 560   |
|                   | 2   | 11,221      | 2,319      | 5,419           | 284           | 743              | 1,930             | 526   |
|                   | 3   | 11,695      | 2,568      | 5,553           | 286           | 743              | 1,989             | 557   |
|                   | 4   | 11,034      | 2,392      | 5,312           | 268           | 643              | 1,882             | 538   |
|                   | 5   | 11,264      | 2,290      | 5,862           | 273           | 541              | 1,792             | 506   |
|                   | 6   | 10,994      | 2,384      | 5,484           | 302           | 528              | 1,819             | 477   |
|                   | 7   | 11,463      | 2,566      | 5,610           | 318           | 540              | 1,923             | 507   |
|                   | 8   | 11,423      | 2,607      | 5,539           | 327           | 514              | 1,938             | 498   |
|                   | 9   | 11,488      | 2,615      | 5,447           | 304           | 595              | 1,993             | 534   |
|                   | 10  | 11,216      | 2,607      | 5,318           | 314           | 633              | 1,851             | 492   |
|                   | 11  | 10,854      | 2,504      | 4,908           | 309           | 706              | 1,928             | 498   |
|                   | 12  | 12,225      | 2,818      | 5,653           | 334           | 857              | 2,039             | 524   |
| 2021 <sup>p</sup> | 1   | 12,130      | 2,701      | 5,584           | 265           | 935              | 2,107             | 539   |
| 2020 <sup>p</sup> | 1-1 | 12,512      | 2,655      | 6,212           | 282           | 779              | 2,024             | 560   |
| 2021 <sup>p</sup> | 1-1 | 12,130      | 2,701      | 5,584           | 265           | 935              | 2,107             | 539   |

1. 기타: 폐기물을 이용하여 제조한 것

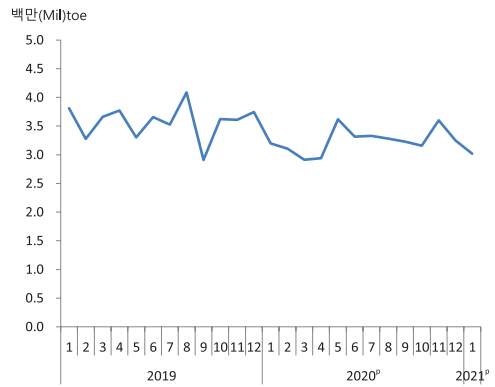
1. Others: The energy source is manufactured from the waste.

## ● 수송 Transport

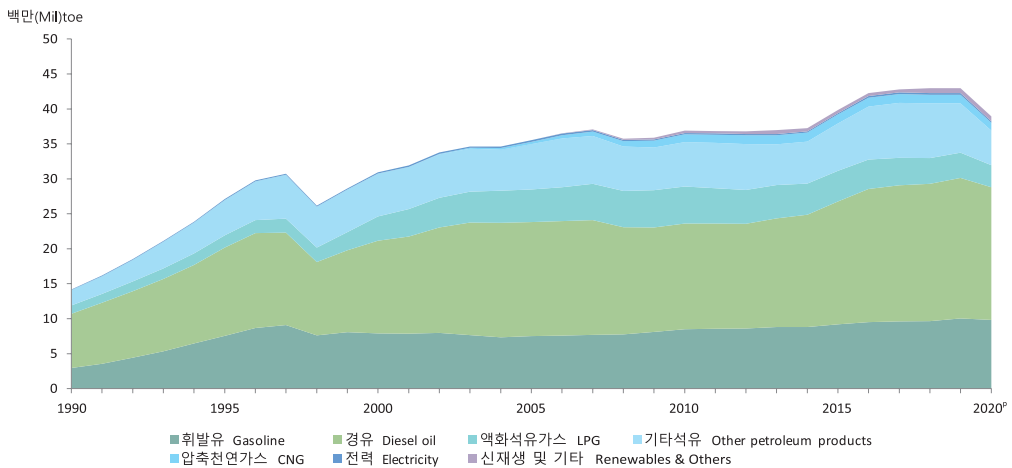
〈1990~2020°〉



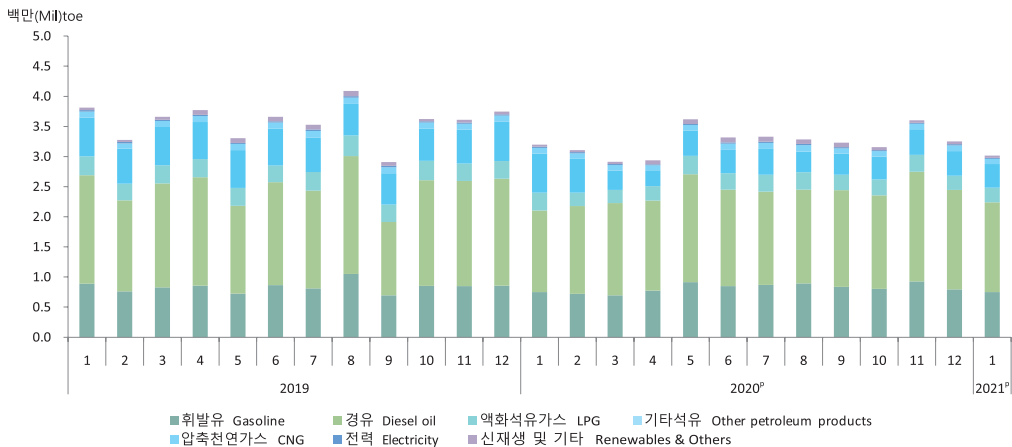
〈월별 Monthly〉



〈1990~2020°〉



〈월별 Monthly〉



## 2.2.3 수송

## Transport

|                   |     | 합계<br>Total | 휘발유<br>Gasoline | 경유<br>Diesel oil | 액화석유가스<br>LPG | 압축천연가스<br>CNG | 전력<br>Electricity | 신재생<br>Renewables |
|-------------------|-----|-------------|-----------------|------------------|---------------|---------------|-------------------|-------------------|
|                   |     | 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              |     | 42,975      | 10,050          | 20,068           | 3,608         | 1,216         | 250               | 700               |
| 2020 <sup>P</sup> |     | 38,940      | 9,826           | 18,962           | 3,168         | 1,110         | 235               | 695               |
| 2019              | 1   | 3,811       | 892             | 1,798            | 313           | 101           | 23                | 40                |
|                   | 2   | 3,275       | 764             | 1,507            | 280           | 89            | 21                | 34                |
|                   | 3   | 3,661       | 829             | 1,726            | 300           | 101           | 20                | 51                |
|                   | 4   | 3,770       | 856             | 1,799            | 303           | 100           | 20                | 78                |
|                   | 5   | 3,303       | 725             | 1,458            | 294           | 104           | 20                | 75                |
|                   | 6   | 3,659       | 864             | 1,711            | 275           | 102           | 20                | 73                |
|                   | 7   | 3,525       | 812             | 1,622            | 311           | 108           | 22                | 77                |
|                   | 8   | 4,087       | 1,050           | 1,956            | 342           | 107           | 24                | 83                |
|                   | 9   | 2,908       | 696             | 1,217            | 290           | 100           | 22                | 62                |
|                   | 10  | 3,621       | 855             | 1,754            | 319           | 102           | 19                | 35                |
|                   | 11  | 3,609       | 850             | 1,744            | 289           | 100           | 19                | 45                |
|                   | 12  | 3,745       | 858             | 1,776            | 292           | 102           | 20                | 45                |
| 2020 <sup>P</sup> | 1   | 3,198       | 749             | 1,354            | 299           | 96            | 21                | 35                |
|                   | 2   | 3,104       | 721             | 1,456            | 225           | 90            | 20                | 33                |
|                   | 3   | 2,914       | 696             | 1,530            | 222           | 89            | 19                | 38                |
|                   | 4   | 2,938       | 772             | 1,495            | 240           | 84            | 19                | 65                |
|                   | 5   | 3,619       | 913             | 1,792            | 306           | 89            | 17                | 81                |
|                   | 6   | 3,317       | 851             | 1,601            | 270           | 95            | 19                | 84                |
|                   | 7   | 3,330       | 869             | 1,548            | 280           | 99            | 20                | 84                |
|                   | 8   | 3,282       | 894             | 1,556            | 290           | 105           | 22                | 73                |
|                   | 9   | 3,228       | 836             | 1,604            | 259           | 89            | 20                | 72                |
|                   | 10  | 3,156       | 803             | 1,554            | 264           | 89            | 18                | 50                |
|                   | 11  | 3,602       | 927             | 1,822            | 277           | 89            | 18                | 41                |
|                   | 12  | 3,249       | 795             | 1,650            | 236           | 95            | 23                | 42                |
| 2021 <sup>P</sup> | 1   | 3,016       | 748             | 1,491            | 244           | 87            | 19                | 37                |
| 2020 <sup>P</sup> | 1-1 | 3,198       | 749             | 1,354            | 299           | 96            | 21                | 35                |
| 2021 <sup>P</sup> | 1-1 | 3,016       | 748             | 1,491            | 244           | 87            | 19                | 37                |

주: 합계에는 항공유, 중유 및 기타 석유제품 포함.

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

## 2.2.4 가정·상업

|                   |     | 합계<br>Total       |                  | 석탄<br>Coal        |                  | 석유<br>Petroleum   |                  | 도시가스<br>City gas  |                  |
|-------------------|-----|-------------------|------------------|-------------------|------------------|-------------------|------------------|-------------------|------------------|
|                   |     | 가정<br>Residential | 상업<br>Commercial | 가정<br>Residential | 상업<br>Commercial | 가정<br>Residential | 상업<br>Commercial | 가정<br>Residential | 상업<br>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              |     | 21,016            | 14,925           | 1,014             | -                | 4,161             | 2,781            | 9,723             | 3,108            |
| 2008              |     | 21,126            | 15,160           | 1,088             | -                | 4,041             | 2,528            | 9,624             | 3,139            |
| 2009              |     | 20,611            | 15,218           | 940               | -                | 3,802             | 2,343            | 9,267             | 3,065            |
| 2010              |     | 21,334            | 16,092           | 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            | 17,884           | 432               | -                | 3,366             | 1,959            | 10,901            | 3,713            |
| 2019              |     | 22,619            | 17,469           | 306               | -                | 3,051             | 1,773            | 10,479            | 3,630            |
| 2020 <sup>1</sup> |     | 23,238            | 17,084           | 242               | -                | 2,968             | 2,030            | 10,886            | 3,234            |
| 2019              | 1   | 5,556             | -                | 45                | -                | 520               | 230              | 1,996             | 487              |
|                   | 2   | 4,803             | -                | 27                | -                | 353               | 175              | 1,738             | 407              |
|                   | 3   | 3,850             | -                | 18                | -                | 272               | 155              | 1,321             | 333              |
|                   | 4   | 3,313             | -                | 13                | -                | 247               | 155              | 971               | 284              |
|                   | 5   | 2,460             | -                | 6                 | -                | 147               | 118              | 535               | 226              |
|                   | 6   | 2,203             | -                | 4                 | -                | 127               | 100              | 316               | 225              |
|                   | 7   | 2,281             | -                | 4                 | -                | 124               | 115              | 244               | 256              |
|                   | 8   | 2,625             | -                | 6                 | -                | 168               | 115              | 210               | 262              |
|                   | 9   | 2,438             | -                | 24                | -                | 185               | 107              | 234               | 224              |
|                   | 10  | 2,509             | -                | 51                | -                | 225               | 141              | 408               | 215              |
|                   | 11  | 3,383             | -                | 64                | -                | 297               | 162              | 912               | 295              |
|                   | 12  | 4,666             | -                | 43                | -                | 386               | 201              | 1,594             | 418              |
| 2020 <sup>1</sup> | 1   | 5,077             | -                | 28                | -                | 380               | 221              | 1,851             | 430              |
|                   | 2   | 4,652             | -                | 23                | -                | 317               | 183              | 1,680             | 375              |
|                   | 3   | 3,911             | -                | 18                | -                | 271               | 171              | 1,363             | 284              |
|                   | 4   | 3,298             | -                | 12                | -                | 264               | 170              | 1,000             | 219              |
|                   | 5   | 2,687             | -                | 5                 | -                | 266               | 189              | 595               | 187              |
|                   | 6   | 2,308             | -                | 3                 | -                | 135               | 136              | 327               | 213              |
|                   | 7   | 2,305             | -                | 2                 | -                | 117               | 128              | 257               | 227              |
|                   | 8   | 2,518             | -                | 3                 | -                | 127               | 119              | 261               | 240              |
|                   | 9   | 2,541             | -                | 17                | -                | 176               | 136              | 259               | 191              |
|                   | 10  | 2,577             | -                | 45                | -                | 202               | 146              | 520               | 193              |
|                   | 11  | 3,473             | -                | 40                | -                | 290               | 192              | 996               | 270              |
|                   | 12  | 4,974             | -                | 45                | -                | 423               | 241              | 1,779             | 405              |
| 2021 <sup>1</sup> | 1   | 5,782             | -                | 26                | -                | 492               | 249              | 2,268             | 448              |
| 2020 <sup>1</sup> | 1-1 | 5,077             | -                | 28                | -                | 380               | 221              | 1,851             | 430              |
| 2021 <sup>1</sup> | 1-1 | 5,782             | -                | 26                | -                | 492               | 249              | 2,268             | 448              |

1. 기타: 폐기물을 이용하여 제조한 것

주 1. 신재생 원수치는 가정, 상업 합계임.

2. 연탄소비는 모두 가정부문에 포함.

## Residential and Commercial

| 전력<br>Electricity |                  | 열<br>Heat         |                  | 신재생 및 기타 <sup>1</sup><br>Renewables & Others <sup>1</sup> |                  |                   |                   |
|-------------------|------------------|-------------------|------------------|---|------------------|-------------------|-------------------|
| 가정<br>Residential | 상업<br>Commercial | 가정<br>Residential | 상업<br>Commercial | 가정<br>Residential   | 상업<br>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            | 1,391             | 142              | 69  | 39               | 2007              |                   |
| 4,836             | 9,308            | 1,472             | 150              | 65  | 35               | 2008              |                   |
| 4,953             | 9,640            | 1,519             | 137              | 129   | 33               | 2009              |                   |
| 5,263             | 10,373           | 1,744             | 154              | 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           | 2,277             | 306              | 447   | 132              | 2019              |                   |
| 6,370             | 11,392           | 2,303             | 296              | 469   | 132              | 2020 <sup>p</sup> |                   |
| 537               | 1,193            | 446               | 48               | 53  | -                | 1                 | 2019              |
| 528               | 1,119            | 365               | 38               | 52  | -                | 2                 |                   |
| 460               | 947              | 274               | 25               | 45  | -                | 3                 |                   |
| 482               | 918              | 183               | 15               | 46  | -                | 4                 |                   |
| 448               | 838              | 87                | 13               | 43  | -                | 5                 |                   |
| 455               | 860              | 55                | 17               | 43  | -                | 6                 |                   |
| 482               | 938              | 45                | 26               | 46  | -                | 7                 |                   |
| 653               | 1,083            | 38                | 31               | 60  | -                | 8                 |                   |
| 572               | 975              | 47                | 18               | 53  | -                | 9                 |                   |
| 466               | 850              | 100               | 11               | 44  | -                | 10                |                   |
| 475               | 869              | 243               | 22               | 45  | -                | 11                |                   |
| 501               | 1,037            | 395               | 42               | 49  | -                | 12                |                   |
| 538               | 1,138            | 396               | 42               | 53  | -                | 1                 | 2020 <sup>p</sup> |
| 539               | 1,096            | 350               | 36               | 52  | -                | 2                 |                   |
| 505               | 956              | 272               | 25               | 48  | -                | 3                 |                   |
| 510               | 871              | 189               | 14               | 48  | -                | 4                 |                   |
| 479               | 818              | 94                | 11               | 45  | -                | 5                 |                   |
| 495               | 879              | 53                | 21               | 47  | -                | 6                 |                   |
| 515               | 937              | 50                | 24               | 49  | -                | 7                 |                   |
| 617               | 1,019            | 45                | 31               | 57  | -                | 8                 |                   |
| 657               | 974              | 55                | 16               | 60  | -                | 9                 |                   |
| 482               | 808              | 128               | 10               | 45  | -                | 10                |                   |
| 501               | 875              | 241               | 21               | 47  | -                | 11                |                   |
| 533               | 1,022            | 430               | 46               | 51  | -                | 12                |                   |
| 597               | 1,187            | 414               | 44               | 57  | -                | 1                 | 2021 <sup>p</sup> |
| 538               | 1,138            | 396               | 42               | 53  | -                | 1-1               | 2020 <sup>p</sup> |
| 597               | 1,187            | 414               | 44               | 57  | -                | 1-1               | 2021 <sup>p</sup> |

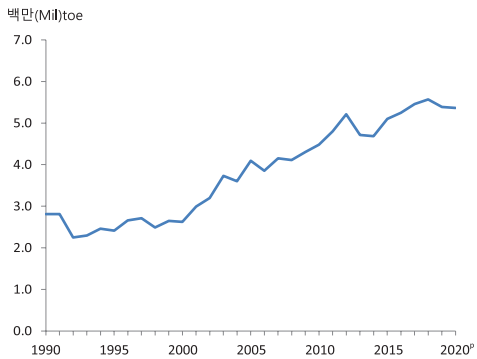
1. Others: The energy source is manufactured from the waste.

Note 1. Monthly data of renewables includes commercial sector.

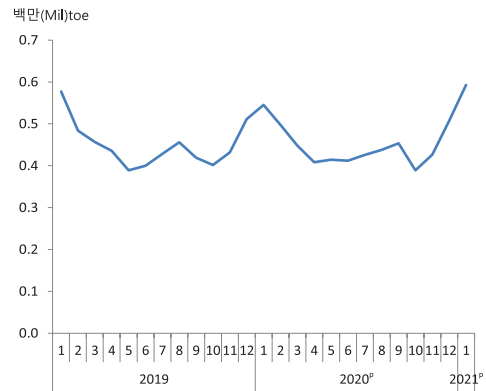
2. All briquette consumption is included in the residential Sector.

## ● 공공 Public

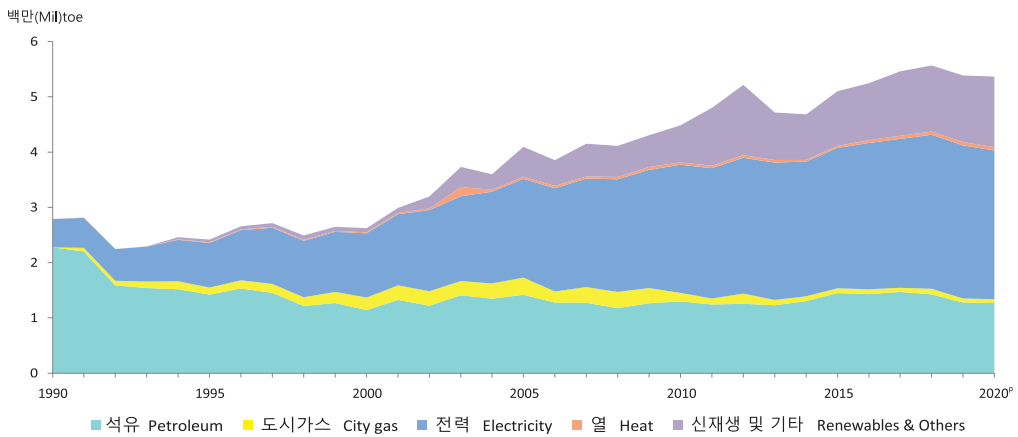
〈1990~2020°〉



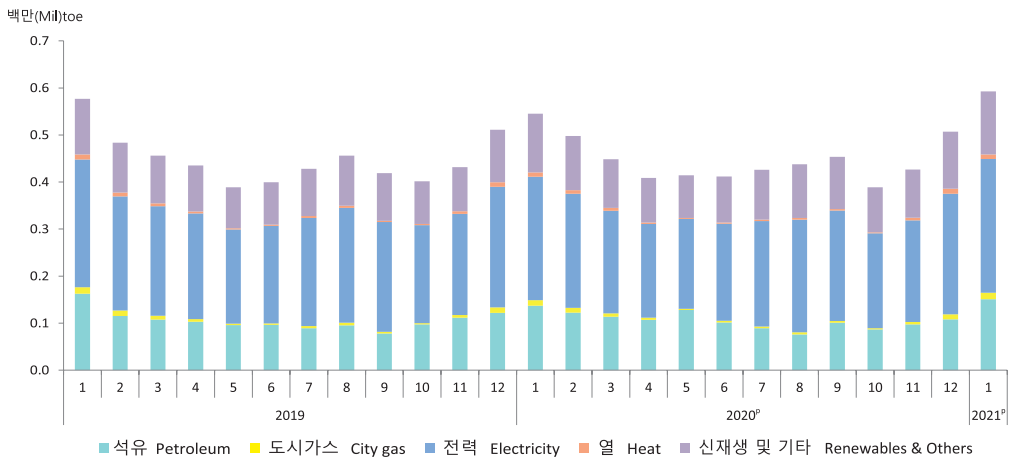
〈월별 Monthly〉



〈1990~2020°〉



〈월별 Monthly〉



## 2.2.5 공공

## Public

|                   |     | 합계<br>Total | 석유<br>Petroleum | 도시가스<br>City gas | 전력<br>Electricity | 열<br>Heat | 신재생 및 기타 <sup>1</sup><br>Renewables & Others <sup>1</sup> |
|-------------------|-----|-------------|-----------------|------------------|-------------------|-----------|---|
|                   |     | 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              |     | 4,150       | 1,274           | 285              | 1,960             | 43        | 588   |
| 2008              |     | 4,110       | 1,176           | 292              | 2,039             | 45        | 557   |
| 2009              |     | 4,305       | 1,264           | 277              | 2,138             | 52        | 575   |
| 2010              |     | 4,482       | 1,299           | 152              | 2,321             | 41        | 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              |     | 5,388       | 1,276           | 78               | 2,766             | 63        | 1,205   |
| 2020 <sup>p</sup> |     | 5,366       | 1,269           | 70               | 2,692             | 58        | 1,277   |
| 2019              | 1   | 577         | 163             | 14               | 271               | 11        | 118   |
|                   | 2   | 484         | 115             | 12               | 243               | 8         | 106   |
|                   | 3   | 456         | 108             | 8                | 233               | 6         | 101   |
|                   | 4   | 435         | 103             | 5                | 225               | 4         | 98  |
|                   | 5   | 389         | 96              | 3                | 200               | 2         | 87  |
|                   | 6   | 400         | 97              | 3                | 207               | 3         | 90  |
|                   | 7   | 428         | 90              | 4                | 230               | 4         | 100   |
|                   | 8   | 456         | 96              | 5                | 244               | 4         | 106   |
|                   | 9   | 419         | 78              | 4                | 233               | 3         | 102   |
|                   | 10  | 401         | 98              | 3                | 208               | 2         | 91  |
|                   | 11  | 432         | 112             | 6                | 215               | 6         | 94  |
|                   | 12  | 511         | 122             | 11               | 256               | 10        | 112   |
| 2020 <sup>p</sup> | 1   | 545         | 137             | 12               | 262               | 9         | 125   |
|                   | 2   | 498         | 122             | 10               | 242               | 8         | 115   |
|                   | 3   | 448         | 114             | 7                | 218               | 6         | 104   |
|                   | 4   | 409         | 107             | 5                | 199               | 3         | 94  |
|                   | 5   | 414         | 128             | 2                | 191               | 2         | 91  |
|                   | 6   | 412         | 102             | 3                | 206               | 3         | 98  |
|                   | 7   | 426         | 89              | 4                | 224               | 3         | 106   |
|                   | 8   | 438         | 76              | 4                | 240               | 4         | 114   |
|                   | 9   | 454         | 101             | 4                | 235               | 3         | 111   |
|                   | 10  | 389         | 87              | 3                | 202               | 2         | 96  |
|                   | 11  | 426         | 97              | 5                | 216               | 5         | 102   |
|                   | 12  | 507         | 108             | 11               | 256               | 10        | 122   |
| 2021 <sup>p</sup> | 1   | 593         | 151             | 14               | 284               | 10        | 134   |
| 2020 <sup>p</sup> | 1-1 | 545         | 137             | 12               | 262               | 9         | 125   |
| 2021 <sup>p</sup> | 1-1 | 593         | 151             | 14               | 284               | 10        | 134   |

1. 기타: 폐기물을 이용하여 제조한 것

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

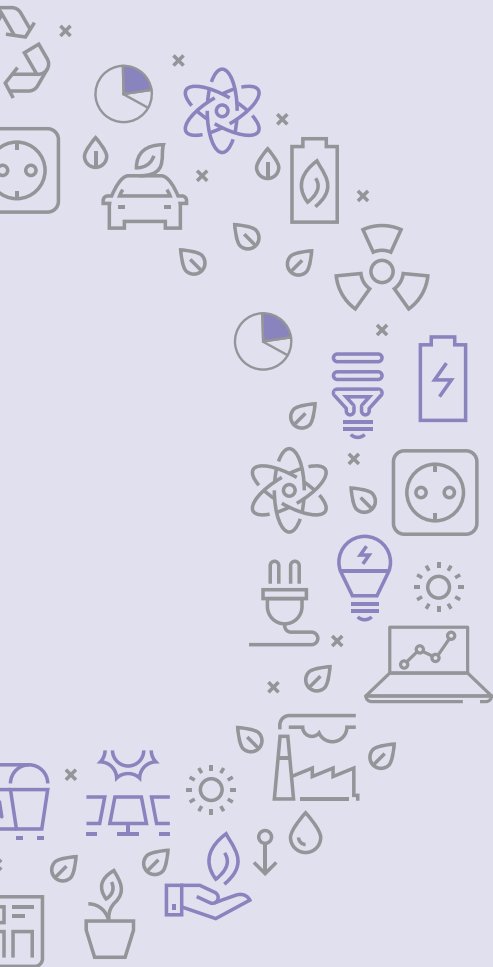




## 3. 석유

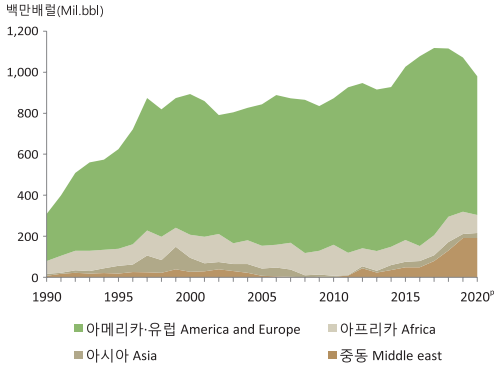
### Petroleum

- 3.1 원유 수급  
Crude Oil Supply and Demand
- 3.2 석유제품 수급  
Petroleum Products Supply and Demand
- 3.3 계약형태별 원유 수입  
Crude Oil Imports by Contract Type
- 3.4 국별 원유 수입  
Crude Oil Imports by Country
- 3.5 석유제품 수입  
Petroleum Products Imports
- 3.6 석유제품 수출  
Petroleum Products Exports
- 3.7 석유제품 생산  
Petroleum Products Production
- 3.8 석유제품 공급  
Petroleum Products Supply
- 3.9 휘발유 수급  
Gasoline Supply and Demand
- 3.10 경유 수급  
Diesel Oil Supply and Demand
- 3.11 등유 수급  
Kerosene Supply and Demand
- 3.12 중유 수급  
Fuel Oil Supply and Demand
- 3.13 액화석유가스(LPG) 수급  
LPG Supply and Demand
- 3.14 나프타 수급  
Naphtha Supply and Demand

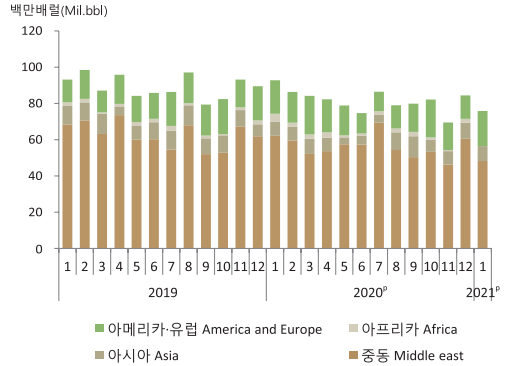


## ● 원유 수입 Crude Oil Imports

〈1990~2020〉

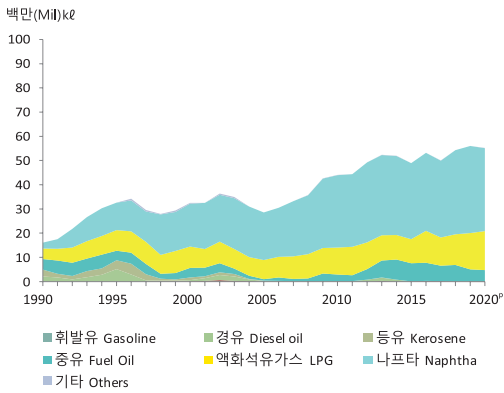


〈월별 Monthly〉

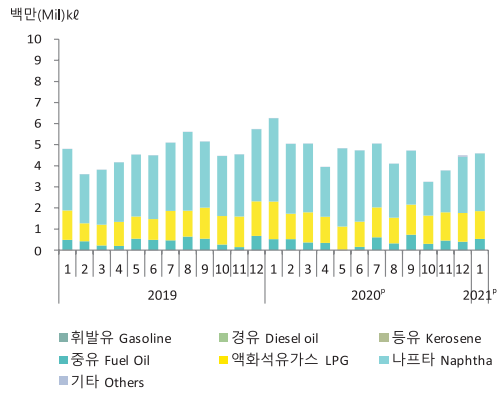


## ● 석유제품 수입 Petroleum Products Imports

〈1990~2020〉

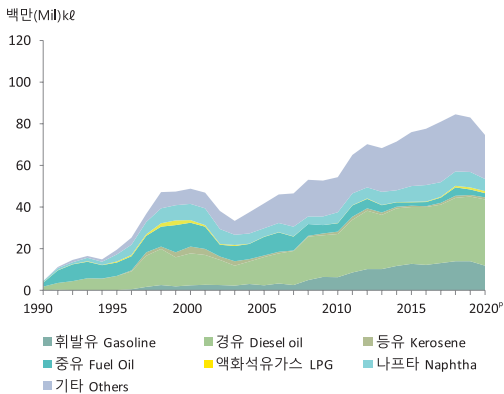


〈월별 Monthly〉

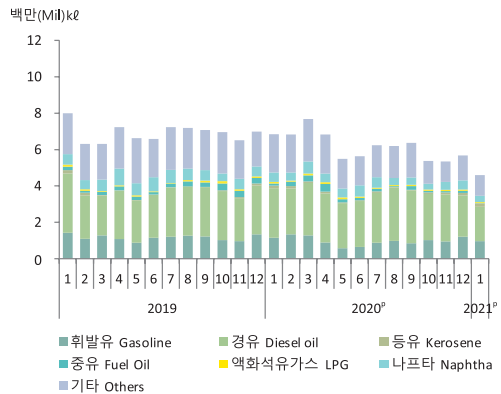


## ● 석유제품 수출 Petroleum Products Exports

〈1990~2020〉

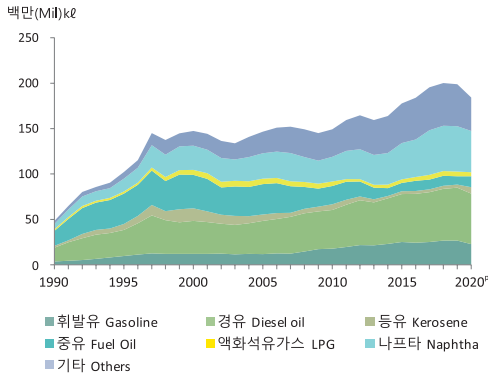


〈월별 Monthly〉

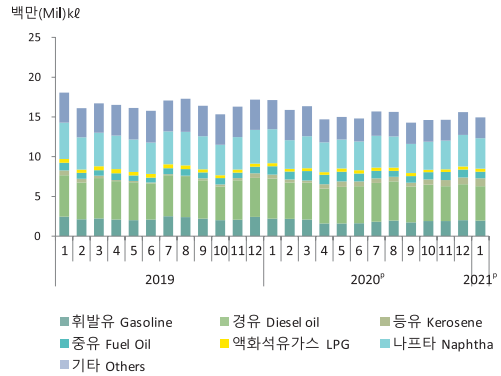


## ● 석유제품 생산 Petroleum Products Production

<1990~2020°>

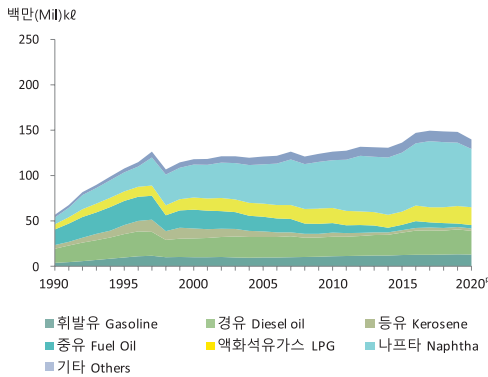


<월별 Monthly>

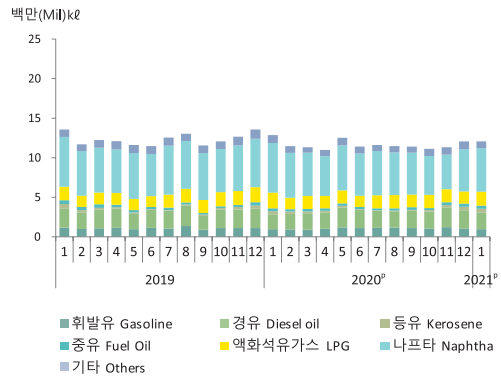


## ● 석유제품 1차에너지 공급 Primary Energy Supply of Petroleum Products

<1990~2020°>

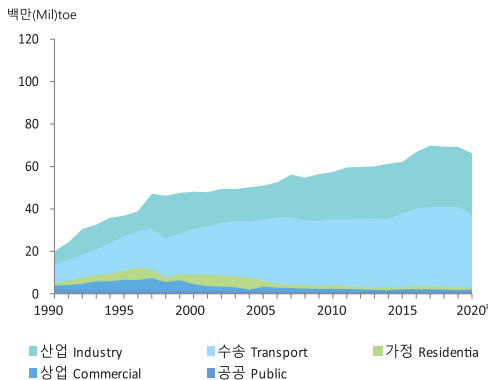


<월별 Monthly>

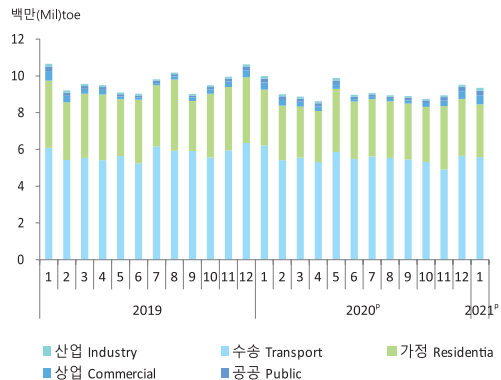


## ● 석유제품 최종에너지 부문별 소비 Final Energy Consumption of Petroleum Products by Sector

<1990~2020°>



<월별 Monthly>



## 3.1 원유 수급

## Crude Oil Supply and Demand

|                   |     | 국내생산 <sup>1</sup>                   | 수입        | 재고     | 정제투입<br>Refinery intake |                                     |  | 정제능력 <sup>3</sup>                 | 정제가동률 <sup>4</sup>                        |
|-------------------|-----|-------------------------------------|-----------|--------|-------------------------|-------------------------------------|--|-----------------------------------|---|
|                   |     | Domestic<br>production <sup>1</sup> | Imports   | Stock  | 원유<br>Crude oil         | 정제원료(반제품)<br>Refinery<br>feedstocks | 기타 <sup>2</sup><br>Others <sup>2</sup> | Refining<br>capacity <sup>3</sup> | Operable<br>utilization rate <sup>4</sup> |
|                   |     | 1,000 배럴(bbl)                       |           |        |                         |                                     |  | 1,000 BPSD                        | %   |
| 1990              |     | -                                   | 308,368   | 3,370  | 306,493                 | 6,766                               | -                                      | 840                               | 100.0                                     |
| 1995              |     | -                                   | 624,945   | 10,377 | 631,078                 | 30,297                              | -                                      | 1,818                             | 95.1                                      |
| 1996              |     | -                                   | 721,927   | 11,297 | 720,846                 | 26,986                              | -                                      | 2,438                             | 81.0                                      |
| 1997              |     | -                                   | 873,415   | 11,385 | 871,974                 | 38,357                              | 3,378                                  | 2,438                             | 98.0                                      |
| 1998              |     | -                                   | 819,094   | 3,598  | 825,890                 | 36,660                              | 2,937                                  | 2,438                             | 92.8                                      |
| 1999              |     | -                                   | 874,090   | 3,449  | 872,742                 | 32,709                              | 3,342                                  | 2,438                             | 98.1                                      |
| 2000              |     | -                                   | 893,943   | 3,865  | 890,304                 | 28,777                              | 4,316                                  | 2,438                             | 100.1                                     |
| 2001              |     | -                                   | 859,367   | 3,853  | 860,115                 | 33,150                              | 3,518                                  | 2,438                             | 96.7                                      |
| 2002              |     | -                                   | 790,992   | 6,996  | 786,805                 | 50,421                              | 3,246                                  | 2,438                             | 88.4                                      |
| 2003              |     | -                                   | 804,809   | 27,637 | 782,951                 | 40,235                              | 3,542                                  | 2,438                             | 88.0                                      |
| 2004              |     | -                                   | 825,790   | 25,574 | 826,551                 | 35,760                              | 3,723                                  | 2,735                             | 82.8                                      |
| 2005              |     | 407                                 | 843,203   | 15,495 | 852,439                 | 41,509                              | 4,299                                  | 2,735                             | 85.4                                      |
| 2006              |     | 333                                 | 888,794   | 23,691 | 878,395                 | 36,067                              | 4,735                                  | 2,735                             | 88.0                                      |
| 2007              |     | 236                                 | 872,541   | 11,637 | 882,117                 | 38,721                              | 4,865                                  | 2,765                             | 87.4                                      |
| 2008              |     | 155                                 | 864,872   | 10,723 | 865,663                 | 40,409                              | 4,959                                  | 2,785                             | 85.2                                      |
| 2009              |     | 321                                 | 835,085   | 7,244  | 838,475                 | 33,399                              | 5,731                                  | 2,835                             | 81.0                                      |
| 2010              |     | 380                                 | 872,415   | 7,611  | 872,247                 | 26,633                              | 5,986                                  | 2,845                             | 84.0                                      |
| 2011              |     | 285                                 | 927,044   | 10,980 | 924,441                 | 38,696                              | 5,920                                  | 2,934                             | 86.3                                      |
| 2012              |     | 263                                 | 947,292   | 13,231 | 945,162                 | 41,488                              | 5,926                                  | 2,949                             | 87.8                                      |
| 2013              |     | 290                                 | 915,075   | 19,245 | 906,674                 | 43,878                              | 4,866                                  | 2,949                             | 84.2                                      |
| 2014              |     | 198                                 | 927,524   | 27,518 | 918,345                 | 51,067                              | 4,714                                  | 3,009                             | 83.6                                      |
| 2015              |     | 115                                 | 1,026,107 | 37,407 | 1,016,157               | 50,438                              | 5,287                                  | 3,059                             | 91.0                                      |
| 2016              |     | 104                                 | 1,078,119 | 41,847 | 1,071,731               | 52,340                              | 5,444                                  | 3,064                             | 95.8                                      |
| 2017              |     | 217                                 | 1,118,167 | 42,080 | 1,117,376               | 76,404                              | 5,506                                  | 3,105                             | 98.6                                      |
| 2018              |     | 189                                 | 1,116,281 | 50,511 | 1,106,266               | 110,775                             | 5,450                                  | 3,204                             | 94.6                                      |
| 2019              |     | 155                                 | 1,071,923 | 43,999 | 1,064,210               | 132,433                             | 4,940                                  | 3,204                             | 91.2                                      |
| 2020 <sup>P</sup> |     | 103                                 | 980,259   | 42,300 | 980,379                 | 142,016                             | 5,966                                  | 3,204                             | 83.8                                      |
| 2019              | 1   | 18                                  | 93,122    | 44,561 | 94,556                  | 12,837                              | 392                                    | 3,204                             | 95.2                                      |
|                   | 2   | 13                                  | 98,461    | 52,411 | 89,623                  | 7,904                               | 351                                    | 3,204                             | 99.9                                      |
|                   | 3   | 16                                  | 87,112    | 50,891 | 88,238                  | 8,795                               | 383                                    | 3,204                             | 88.8                                      |
|                   | 4   | 16                                  | 95,723    | 48,877 | 93,971                  | 8,078                               | 482                                    | 3,204                             | 97.8                                      |
|                   | 5   | 16                                  | 84,128    | 46,183 | 86,794                  | 9,390                               | 515                                    | 3,204                             | 87.4                                      |
|                   | 6   | 15                                  | 85,736    | 47,024 | 84,071                  | 9,643                               | 381                                    | 3,204                             | 84.6                                      |
|                   | 7   | 14                                  | 86,338    | 42,313 | 90,381                  | 13,404                              | 385                                    | 3,204                             | 91.0                                      |
|                   | 8   | 14                                  | 97,069    | 46,765 | 90,128                  | 15,012                              | 528                                    | 3,204                             | 90.7                                      |
|                   | 9   | 8                                   | 79,335    | 40,349 | 87,329                  | 11,833                              | 384                                    | 3,204                             | 90.9                                      |
|                   | 10  | 4                                   | 82,332    | 40,129 | 81,442                  | 10,930                              | 357                                    | 3,204                             | 82.0                                      |
|                   | 11  | 8                                   | 93,102    | 46,458 | 85,944                  | 11,309                              | 377                                    | 3,204                             | 89.4                                      |
|                   | 12  | 12                                  | 89,466    | 43,999 | 91,734                  | 13,298                              | 405                                    | 3,204                             | 92.4                                      |
| 2020 <sup>P</sup> | 1   | 14                                  | 92,712    | 45,067 | 91,412                  | 13,896                              | 387                                    | 3,204                             | 92.0                                      |
|                   | 2   | 12                                  | 86,304    | 49,126 | 82,180                  | 11,955                              | 366                                    | 3,204                             | 88.4                                      |
|                   | 3   | 13                                  | 84,104    | 45,118 | 88,002                  | 12,847                              | 330                                    | 3,204                             | 88.6                                      |
|                   | 4   | 12                                  | 82,283    | 48,774 | 78,482                  | 12,107                              | 487                                    | 3,204                             | 81.7                                      |
|                   | 5   | 14                                  | 78,834    | 46,604 | 80,888                  | 10,295                              | 536                                    | 3,204                             | 81.4                                      |
|                   | 6   | 11                                  | 74,659    | 40,999 | 80,078                  | 10,250                              | 508                                    | 3,204                             | 80.6                                      |
|                   | 7   | 7                                   | 86,446    | 45,068 | 82,262                  | 13,701                              | 578                                    | 3,204                             | 82.8                                      |
|                   | 8   | 7                                   | 78,949    | 41,944 | 82,052                  | 12,473                              | 626                                    | 3,204                             | 82.6                                      |
|                   | 9   | 1                                   | 79,843    | 44,924 | 76,616                  | 11,264                              | 485                                    | 3,204                             | 79.7                                      |
|                   | 10  | -                                   | 82,142    | 48,437 | 78,516                  | 9,736                               | 563                                    | 3,204                             | 79.1                                      |
|                   | 11  | 7                                   | 69,534    | 41,578 | 76,291                  | 12,672                              | 544                                    | 3,204                             | 79.4                                      |
|                   | 12  | 5                                   | 84,449    | 42,300 | 83,601                  | 10,821                              | 556                                    | 3,204                             | 84.2                                      |
| 2021 <sup>P</sup> | 1   | 5                                   | 76,874    | 40,406 | 78,665                  | 12,035                              | 528                                    | 3,204                             | 79.2                                      |
| 2020 <sup>P</sup> | 1-1 | 14                                  | 92,712    | 45,067 | 91,412                  | 13,896                              | 387                                    | 3,204                             | 92.0                                      |
| 2021 <sup>P</sup> | 1-1 | 5                                   | 76,874    | 40,406 | 78,665                  | 12,035                              | 528                                    | 3,204                             | 79.2                                      |

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, 대한석유회

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

|                   |     | 생산<br>Production | 수입<br>Imports | 수출<br>Exports | 국제빙커링 <sup>1</sup><br>International<br>bunkers <sup>1</sup> | 재고<br>Stocks | 국내공급 <sup>2</sup><br>Domestic supply <sup>2</sup> |
|-------------------|-----|------------------|---------------|---------------|---|--------------|---|
|                   |     | 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              |     | 198,843          | 55,986        | 83,005        | 8,676   | 8,708        | 148,165   |
| 2020 <sup>P</sup> |     | 184,301          | 55,215        | 74,489        | 9,393   | 8,523        | 139,606   |
| 2019              | 1   | 18,049           | 4,795         | 7,999         | 809   | 8,826        | 13,580  |
|                   | 2   | 16,100           | 3,597         | 6,305         | 639   | 8,882        | 11,706  |
|                   | 3   | 16,714           | 3,817         | 6,308         | 707   | 9,167        | 12,243  |
|                   | 4   | 16,504           | 4,158         | 7,229         | 778   | 9,037        | 12,081  |
|                   | 5   | 16,137           | 4,525         | 6,632         | 742   | 9,500        | 11,613  |
|                   | 6   | 15,784           | 4,500         | 6,584         | 748   | 9,815        | 11,478  |
|                   | 7   | 17,069           | 5,098         | 7,227         | 699   | 9,853        | 12,549  |
|                   | 8   | 17,273           | 5,608         | 7,193         | 742   | 9,971        | 13,023  |
|                   | 9   | 16,398           | 5,149         | 7,070         | 605   | 10,858       | 11,564  |
|                   | 10  | 15,330           | 4,467         | 6,962         | 732   | 9,286        | 12,078  |
|                   | 11  | 16,302           | 4,539         | 6,506         | 670   | 8,878        | 12,669  |
|                   | 12  | 17,183           | 5,731         | 6,990         | 806   | 8,708        | 13,581  |
| 2020 <sup>P</sup> | 1   | 17,134           | 6,262         | 6,846         | 782   | 9,922        | 12,867  |
|                   | 2   | 15,879           | 5,043         | 6,829         | 810   | 10,083       | 11,462  |
|                   | 3   | 16,359           | 5,045         | 7,683         | 747   | 10,134       | 11,329  |
|                   | 4   | 14,693           | 3,943         | 6,824         | 839   | 8,736        | 10,978  |
|                   | 5   | 15,005           | 4,830         | 5,487         | 912   | 8,471        | 12,518  |
|                   | 6   | 14,802           | 4,727         | 5,633         | 705   | 9,177        | 11,402  |
|                   | 7   | 15,700           | 5,051         | 6,239         | 693   | 9,839        | 11,619  |
|                   | 8   | 15,621           | 4,098         | 6,189         | 706   | 9,795        | 11,472  |
|                   | 9   | 14,276           | 4,713         | 6,362         | 733   | 9,067        | 11,419  |
|                   | 10  | 14,603           | 3,232         | 5,375         | 787   | 8,556        | 11,135  |
|                   | 11  | 14,629           | 3,773         | 5,345         | 844   | 8,150        | 11,333  |
|                   | 12  | 15,599           | 4,498         | 5,675         | 835   | 8,523        | 12,072  |
| 2021 <sup>P</sup> | 1   | 14,946           | 4,591         | 4,598         | 818   | 9,157        | 12,053  |
| 2020 <sup>P</sup> | 1-1 | 17,134           | 6,262         | 6,846         | 782   | 9,922        | 12,867  |
| 2021 <sup>P</sup> | 1-1 | 14,946           | 4,591         | 4,598         | 818   | 9,157        | 12,053  |

1. 외국적 선박 및 항공기에 인도된 물량

2. 1차에너지 공급량 기준

자료: 한국석유공사-PEDSIS

1. Deliveries to foreign-flag ships and planes

2. Primary energy supply.

Source: Korea National Oil Corporation-PEDSIS

## 3.3 계약형태별 원유 수입

|                   |     | 합계        | 중동<br>Middle East     |           |         | 아시아<br>Asia           |           |         |
|-------------------|-----|-----------|-----------------------|-----------|---------|-----------------------|-----------|---------|
|                   |     |           | 소계 <sup>1</sup>       | 장기계약      | 현물      | 소계 <sup>1</sup>       | 장기계약      | 현물      |
|                   |     | Total     | Subtotal <sup>1</sup> | Long-term | Spot    | Subtotal <sup>1</sup> | Long-term | Spot    |
| 1,000 배럴(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              |     | 1,071,923 | 752,564               | 593,774   | 147,450 | 107,943               | 12,728    | 95,215  |
| 2020 <sup>p</sup> |     | 980,259   | 676,409               | 543,834   | 122,068 | 88,493                | 5,595     | 82,899  |
| 2019              | 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       | 10,738  |
|                   | 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                | 45,427    | 15,747  | 6,484                 | 985       | 5,499   |
| 2020 <sup>p</sup> | 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   |
|                   | 3   | 84,104    | 52,162                | 40,831    | 10,307  | 8,345                 | 766       | 7,579   |
|                   | 4   | 82,283    | 53,677                | 46,110    | 7,567   | 7,408                 | 750       | 6,658   |
|                   | 5   | 78,834    | 57,415                | 49,797    | 6,130   | 3,819                 | -         | 3,819   |
|                   | 6   | 74,659    | 57,318                | 50,604    | 6,212   | 4,979                 | 766       | 4,212   |
|                   | 7   | 86,446    | 69,357                | 51,417    | 17,318  | 4,241                 | 766       | 3,475   |
|                   | 8   | 78,949    | 54,301                | 34,998    | 17,461  | 9,784                 | 766       | 9,018   |
|                   | 9   | 79,843    | 50,437                | 42,639    | 6,287   | 11,413                | -         | 11,413  |
|                   | 10  | 82,142    | 53,300                | 42,981    | 10,210  | 6,584                 | 580       | 6,004   |
|                   | 11  | 69,534    | 46,372                | 37,232    | 8,989   | 7,358                 | -         | 7,358   |
|                   | 12  | 84,449    | 60,487                | 48,078    | 11,805  | 8,917                 | 730       | 8,187   |
| 2021 <sup>p</sup> | 1   | 76,874    | 48,263                | 38,589    | 9,430   | 8,133                 | -         | 8,133   |
| 2020 <sup>p</sup> | 1-1 | 92,712    | 62,123                | 48,608    | 11,553  | 7,866                 | 470       | 7,396   |
| 2021 <sup>p</sup> | 1-1 | 76,874    | 48,263                | 38,589    | 9,430   | 8,133                 | -         | 8,133   |

1. 임가공과 개발도입 물량 포함.

자료: 한국석유공사-PEDSIS

## Crude Oil Imports by Contract Type

| 아프리카<br>Africa                           |                   |            | 아메리카·유럽<br>America and Europe            |                   |            | 계약형태 비중<br>Share of contract type |            |                   |                   |
|--|-------------------|------------|--|-------------------|------------|-----------------------------------|------------|-------------------|-------------------|
| 소계 <sup>1</sup><br>Subtotal <sup>1</sup> | 장기계약<br>Long-term | 현물<br>Spot | 소계 <sup>1</sup><br>Subtotal <sup>1</sup> | 장기계약<br>Long-term | 현물<br>Spot | 장기계약<br>Long-term                 | 현물<br>Spot |                   |                   |
| 1,000 배럴(bbl)                            |                   |            |  |                   |            | %                                 |            |                   |                   |
| 9,689                                    | 687               | 8,202      | 7,132                                    | 3,657             | 3,475      | 51.9                              | 32.4       | 1990              |                   |
| 37,911                                   | 3,781             | 34,130     | 18,456                                   | 18,456            | -          | 66.1                              | 33.4       | 1995              |                   |
| 37,024                                   | 6,025             | 30,999     | 25,174                                   | 18,365            | 6,809      | 68.2                              | 31.8       | 1996              |                   |
| 81,119                                   | 1,453             | 79,666     | 24,240                                   | 23,059            | 1,181      | 71.0                              | 28.8       | 1997              |                   |
| 61,907                                   | 11,200            | 50,707     | 21,689                                   | 16,794            | 4,895      | 75.0                              | 25.0       | 1998              |                   |
| 109,560                                  | 34,956            | 74,603     | 38,946                                   | 22,612            | 16,334     | 65.3                              | 34.7       | 1999              |                   |
| 67,749                                   | 13,356            | 54,393     | 26,610                                   | 13,501            | 13,109     | 65.2                              | 34.8       | 2000              |                   |
| 39,155                                   | 937               | 38,219     | 28,530                                   | 10,067            | 18,462     | 62.6                              | 37.3       | 2001              |                   |
| 35,877                                   | 2,981             | 32,896     | 38,494                                   | 13,548            | 24,946     | 60.5                              | 39.5       | 2002              |                   |
| 34,156                                   | 9,496             | 24,660     | 30,479                                   | 8,168             | 22,311     | 68.5                              | 31.3       | 2003              |                   |
| 42,874                                   | 19,012            | 23,862     | 21,447                                   | 11,768            | 9,679      | 69.2                              | 30.7       | 2004              |                   |
| 34,424                                   | -                 | 34,424     | 7,487                                    | 643               | 6,844      | 66.9                              | 33.0       | 2005              |                   |
| 42,814                                   | 1,310             | 41,504     | 4,831                                    | -                 | 4,831      | 65.9                              | 34.1       | 2006              |                   |
| 35,557                                   | 1,212             | 34,345     | 1,690                                    | -                 | 1,690      | 62.3                              | 37.7       | 2007              |                   |
| 9,932                                    | 51                | 9,881      | -  | -                 | -          | 67.9                              | 32.1       | 2008              |                   |
| 11,608                                   | 416               | 11,192     | 1,734                                    | -                 | 1,734      | 69.4                              | 30.6       | 2009              |                   |
| 4,592                                    | -                 | 4,592      | 1,823                                    | -                 | 1,823      | 70.2                              | 29.8       | 2010              |                   |
| 2,772                                    | -                 | 2,772      | 7,962                                    | -                 | 7,962      | 76.4                              | 23.6       | 2011              |                   |
| 9,233                                    | -                 | 9,233      | 43,899                                   | -                 | 43,899     | 70.1                              | 29.9       | 2012              |                   |
| 8,096                                    | 674               | 7,422      | 23,119                                   | 2,075             | 21,044     | 68.9                              | 31.1       | 2013              |                   |
| 25,301                                   | 1,549             | 23,752     | 34,678                                   | 18,761            | 15,916     | 72.5                              | 27.5       | 2014              |                   |
| 26,691                                   | 3,031             | 23,659     | 48,516                                   | 12,987            | 35,529     | 61.9                              | 37.6       | 2015              |                   |
| 30,496                                   | 4,277             | 26,218     | 48,667                                   | 27,222            | 21,444     | 61.6                              | 37.3       | 2016              |                   |
| 28,189                                   | 10,580            | 17,608     | 79,300                                   | 39,601            | 39,698     | 62.3                              | 36.2       | 2017              |                   |
| 40,901                                   | 17,395            | 23,506     | 130,951                                  | 52,912            | 78,039     | 57.0                              | 41.6       | 2018              |                   |
| 19,928                                   | 6,979             | 12,949     | 191,489                                  | 44,981            | 146,507    | 61.4                              | 37.5       | 2019              |                   |
| 24,549                                   | 1,801             | 22,747     | 190,808                                  | 49,104            | 141,704    | 61.2                              | 37.7       | 2020 <sup>p</sup> |                   |
|  |                   |            |  |                   |            |                                   |            |                   |                   |
| 2,010                                    | 571               | 1,439      | 12,486                                   | 3,941             | 8,545      | 64                                | 35         | 1                 | 2019              |
| 2,287                                    | 601               | 1,686      | 15,983                                   | 3,546             | 12,437     | 61.4                              | 36.3       | 2                 |                   |
| 724                                      | -                 | 724        | 12,024                                   | 1,968             | 10,056     | 60.0                              | 39.0       | 3                 |                   |
| 1,332                                    | 602               | 730        | 16,037                                   | 3,903             | 12,133     | 67.7                              | 31.0       | 4                 |                   |
| 2,154                                    | 1,199             | 956        | 14,452                                   | 2,633             | 11,820     | 63.9                              | 34.5       | 5                 |                   |
| 1,839                                    | -                 | 1,839      | 14,297                                   | 3,925             | 10,371     | 61.4                              | 37.8       | 6                 |                   |
| 2,621                                    | 580               | 2,041      | 18,747                                   | 4,615             | 14,131     | 61.0                              | 38.4       | 7                 |                   |
| 1,091                                    | 575               | 516        | 17,013                                   | 3,929             | 13,084     | 66.3                              | 33.5       | 8                 |                   |
| 1,488                                    | 1,049             | 439        | 17,095                                   | 3,943             | 13,152     | 61.5                              | 38.3       | 9                 |                   |
| 600                                      | 600               | -          | 19,303                                   | 4,896             | 14,407     | 53.0                              | 45.8       | 10                |                   |
| 1,551                                    | 601               | 950        | 15,246                                   | 2,922             | 12,324     | 57.4                              | 41.4       | 11                |                   |
| 2,231                                    | 600               | 1,631      | 18,806                                   | 4,759             | 14,046     | 57.9                              | 41.3       | 12                |                   |
|  |                   |            |  |                   |            |                                   |            |                   |                   |
| 4,260                                    | 601               | 3,658      | 18,463                                   | 5,048             | 13,415     | 59.0                              | 38.9       | 1                 | 2020 <sup>p</sup> |
| 2,088                                    | 599               | 1,489      | 16,975                                   | 3,950             | 13,025     | 63.8                              | 35.4       | 2                 |                   |
| 2,432                                    | 601               | 1,831      | 21,165                                   | 3,536             | 17,630     | 54.4                              | 44.4       | 3                 |                   |
| 2,905                                    | -                 | 2,905      | 18,292                                   | 2,982             | 15,310     | 60.6                              | 39.4       | 4                 |                   |
| 1,172                                    | -                 | 1,172      | 16,428                                   | 1,949             | 14,479     | 65.6                              | 32.5       | 5                 |                   |
| 1,058                                    | -                 | 1,058      | 11,305                                   | 4,876             | 6,430      | 75.3                              | 24.0       | 6                 |                   |
| 2,037                                    | -                 | 2,037      | 10,811                                   | 3,861             | 6,950      | 64.8                              | 34.5       | 7                 |                   |
| 2,150                                    | -                 | 2,150      | 12,713                                   | 3,035             | 9,679      | 49.1                              | 48.5       | 8                 |                   |
| 2,407                                    | -                 | 2,407      | 15,586                                   | 3,751             | 11,835     | 58.1                              | 40.0       | 9                 |                   |
| 1,373                                    | -                 | 1,373      | 20,885                                   | 6,778             | 14,107     | 61.3                              | 38.6       | 10                |                   |
| 600                                      | -                 | 600        | 15,204                                   | 3,664             | 11,540     | 58.8                              | 41.0       | 11                |                   |
| 2,066                                    | -                 | 2,066      | 12,979                                   | 5,676             | 7,303      | 64.5                              | 34.8       | 12                |                   |
|  |                   |            |  |                   |            |                                   |            |                   |                   |
| 1,041                                    | 601               | 441        | 19,436                                   | 4,708             | 14,728     | 57.1                              | 42.6       | 1                 | 2021 <sup>p</sup> |
|  |                   |            |  |                   |            |                                   |            |                   |                   |
| 4,260                                    | 601               | 3,658      | 18,463                                   | 5,048             | 13,415     | 59.0                              | 38.9       | 1-1               | 2020 <sup>p</sup> |
| 1,041                                    | 601               | 441        | 19,436                                   | 4,708             | 14,728     | 57.1                              | 42.6       | 1-1               | 2021 <sup>p</sup> |

1. Includes imports by toll processing and development &amp; import.

Source: Korea National Oil Corporation-PEDSIS

## 3.4 국별 원유 수입

|                   |     | 합계            | 중동<br>Middle East     |              |         |         |         |        |         |
|-------------------|-----|---------------|-----------------------|--------------|---------|---------|---------|--------|---------|
|                   |     |               | 소계 <sup>1</sup>       | 사우디아라비아      | 아랍에미레이트 | 이란      | 쿠웨이트    | 오만     | 카타르     |
|                   |     | Total         | Subtotal <sup>1</sup> | Saudi Arabia | U.A.E   | Iran    | Kuwait  | Oman   | Qatar   |
|                   |     | 1,000 배럴(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              |     | 1,071,923     | 752,564               | 296,871      | 88,811  | 33,230  | 150,587 | 360    | 64,293  |
| 2020 <sup>p</sup> |     | 980,259       | 676,409               | 325,808      | 77,563  | -       | 129,699 | 3,907  | 59,735  |
|                   |     |               |                       |              |         |         |         |        |         |
| 2019              | 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 <sup>p</sup> | 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   |
|                   | 3   | 84,104        | 52,162                | 25,092       | 7,069   | -       | 10,054  | -      | 3,075   |
|                   | 4   | 82,283        | 53,677                | 22,370       | 5,532   | -       | 14,433  | -      | 4,565   |
|                   | 5   | 78,834        | 57,415                | 28,857       | 4,301   | -       | 13,155  | -      | 5,761   |
|                   | 6   | 74,659        | 57,318                | 29,298       | 6,630   | -       | 13,045  | -      | 4,279   |
|                   | 7   | 86,446        | 69,357                | 38,447       | 10,487  | -       | 8,008   | 1,509  | 6,041   |
|                   | 8   | 78,949        | 54,301                | 21,999       | 7,672   | -       | 8,041   | -      | 6,031   |
|                   | 9   | 79,843        | 50,437                | 22,603       | 5,562   | -       | 9,806   | 697    | 5,384   |
|                   | 10  | 82,142        | 53,300                | 30,417       | 4,384   | -       | 10,561  | 704    | 3,791   |
|                   | 11  | 69,534        | 46,372                | 24,625       | 2,524   | -       | 8,824   | -      | 5,597   |
|                   | 12  | 84,449        | 60,487                | 32,105       | 4,926   | -       | 9,533   | -      | 4,741   |
|                   |     |               |                       |              |         |         |         |        |         |
| 2021 <sup>p</sup> | 1   | 76,874        | 48,263                | 22,178       | 4,906   | -       | 9,528   | -      | 5,830   |
|                   |     |               |                       |              |         |         |         |        |         |
| 2020 <sup>p</sup> | 1-1 | 92,712        | 62,123                | 26,536       | 8,223   | -       | 10,171  | 997    | 6,540   |
| 2021 <sup>p</sup> | 1-1 | 76,874        | 48,263                | 22,178       | 4,906   | -       | 9,528   | -      | 5,830   |

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 <sup>1</sup><br>Asia                 |                    |                   |                 |                | 아프리카 <sup>2</sup>   | 아메리카 <sup>3</sup>    | 유럽 <sup>4</sup>     |                       |
|--|--------------------|-------------------|-----------------|----------------|---------------------|----------------------|---------------------|-----------------------|
| 소계 <sup>1</sup><br>Subtotal <sup>1</sup> | 인도네시아<br>Indonesia | 말레이시아<br>Malaysia | 호주<br>Australia | 브루나이<br>Brunei | Africa <sup>2</sup> | America <sup>3</sup> | Europe <sup>4</sup> |                       |
| 1,000 배럴(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                  |
| 88,493                                   | 351                | 1,582             | 14,564          | 1,481          | 24,549              | 173,044              | 17,765              | 2020 <sup>P</sup>     |
| 10,344                                   | 499                | -                 | 726             | -              | 2,010               | 12,486               | -                   | 1 2019                |
| 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 <sup>P</sup>   |
| 7,780                                    | -                  | -                 | -               | -              | 2,088               | 16,228               | 747                 | 2                     |
| 8,345                                    | -                  | 259               | -               | 600            | 2,432               | 21,165               | -                   | 3                     |
| 7,408                                    | -                  | -                 | 1,967           | -              | 2,905               | 18,292               | -                   | 4                     |
| 3,819                                    | -                  | -                 | 1,298           | -              | 1,172               | 13,349               | 3,079               | 5                     |
| 4,979                                    | -                  | 319               | 682             | -              | 1,058               | 10,539               | 767                 | 6                     |
| 4,241                                    | -                  | -                 | 987             | -              | 2,037               | 10,811               | -                   | 7                     |
| 9,784                                    | -                  | 557               | 1,982           | -              | 2,150               | 7,489                | 5,225               | 8                     |
| 11,413                                   | -                  | -                 | 4,010           | -              | 2,407               | 13,521               | 2,064               | 9                     |
| 6,584                                    | 351                | -                 | 682             | 580            | 1,373               | 18,786               | 2,099               | 10                    |
| 7,358                                    | -                  | -                 | 970             | -              | 600                 | 12,220               | 2,984               | 11                    |
| 8,917                                    | -                  | -                 | 1,985           | -              | 2,066               | 12,179               | 800                 | 12                    |
| 8,133                                    | 285                | -                 | 481             | -              | 1,041               | 12,046               | 7,390               | 1 2021 <sup>P</sup>   |
| 7,866                                    | -                  | 447               | -               | 300            | 4,260               | 18,463               | -                   | 1-1 2020 <sup>P</sup> |
| 8,133                                    | 285                | -                 | 481             | -              | 1,041               | 12,046               | 7,390               | 1-1 2021 <sup>P</sup> |

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

|                   |     | 합계       | 휘발유      | 경유         | 등유       | 중유 <sup>1</sup>       | 액화석유가스 | 나프타     | 기타 <sup>2</sup>     |
|-------------------|-----|----------|----------|------------|----------|-----------------------|--------|---------|---------------------|
|                   |     | Total    | Gasoline | Diesel oil | Kerosene | Fuel oil <sup>1</sup> | LPG    | Naphtha | Others <sup>2</sup> |
|                   |     | 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              |     | 55,986   | 21       | 22         | 6        | 5,022                 | 14,959 | 35,944  | 12                  |
| 2020 <sup>p</sup> |     | 55,215   | 0        | 3          | 13       | 4,710                 | 16,084 | 34,329  | 77                  |
| 2019              | 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 <sup>p</sup> | 1   | 6,262    | -        | -          | -        | 517                   | 1,791  | 3,954   | 0                   |
|                   | 2   | 5,043    | -        | -          | -        | 521                   | 1,204  | 3,317   | 1                   |
|                   | 3   | 5,045    | -        | -          | -        | 366                   | 1,432  | 3,246   | 0                   |
|                   | 4   | 3,943    | -        | -          | -        | 339                   | 1,249  | 2,355   | 0                   |
|                   | 5   | 4,830    | -        | 2          | 6        | 13                    | 1,101  | 3,704   | 4                   |
|                   | 6   | 4,727    | -        | 1          | 7        | 151                   | 1,187  | 3,380   | 0                   |
|                   | 7   | 5,051    | -        | -          | -        | 607                   | 1,424  | 3,020   | 0                   |
|                   | 8   | 4,098    | -        | -          | -        | 316                   | 1,226  | 2,554   | 2                   |
|                   | 9   | 4,713    | -        | -          | -        | 733                   | 1,427  | 2,552   | 2                   |
|                   | 10  | 3,232    | -        | 0          | -        | 295                   | 1,343  | 1,593   | 2                   |
|                   | 11  | 3,773    | -        | -          | -        | 458                   | 1,331  | 1,985   | 0                   |
|                   | 12  | 4,498    | 0        | -          | -        | 394                   | 1,369  | 2,671   | 64                  |
| 2021 <sup>p</sup> | 1   | 4,591    | -        | -          | -        | 527                   | 1,318  | 2,742   | 4                   |
| 2020 <sup>p</sup> | 1-1 | 6,262    | -        | -          | -        | 517                   | 1,791  | 3,954   | 0                   |
| 2021 <sup>p</sup> | 1-1 | 4,591    | -        | -          | -        | 527                   | 1,318  | 2,742   | 4                   |

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계

2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.

자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.

2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.

Source: Korea National Oil Corporation-PEDSIS

## 3.6 석유제품 수출

## Petroleum Products Exports

|                   |     | 합계<br>Total | 휘발유<br>Gasoline | 경유<br>Diesel oil | 등유<br>Kerosene | 중유 <sup>1</sup><br>Fuel oil <sup>1</sup> | 액화석유가스<br>LPG | 나프타<br>Naphtha | 기타 <sup>2</sup><br>Others <sup>2</sup> |
|-------------------|-----|-------------|-----------------|------------------|----------------|--|---------------|----------------|--|
|                   |     | 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              |     | 83,005      | 13,970          | 31,039           | 663            | 2,727                                    | 923           | 7,533          | 26,150                                 |
| 2020 <sup>p</sup> |     | 74,489      | 11,788          | 31,812           | 1,017          | 2,042                                    | 961           | 5,832          | 21,037                                 |
| 2019              | 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   | 7,227       | 1,213           | 2,709            | 18             | 190                                      | 36            | 715            | 2,347                                  |
|                   | 8   | 7,193       | 1,276           | 2,700            | 5              | 275                                      | 69            | 628            | 2,241                                  |
|                   | 9   | 7,070       | 1,233           | 2,698            | 15             | 252                                      | 102           | 572            | 2,199                                  |
|                   | 10  | 6,962       | 1,030           | 2,695            | 36             | 376                                      | 131           | 411            | 2,283                                  |
|                   | 11  | 6,506       | 963             | 2,365            | 61             | 342                                      | 88            | 570            | 2,117                                  |
|                   | 12  | 6,990       | 1,338           | 2,677            | 114            | 308                                      | 88            | 544            | 1,921                                  |
| 2020 <sup>p</sup> | 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                                  |
|                   | 3   | 7,683       | 1,278           | 2,894            | 85             | 328                                      | 103           | 656            | 2,340                                  |
|                   | 4   | 6,824       | 891             | 2,698            | 106            | 412                                      | 102           | 478            | 2,136                                  |
|                   | 5   | 5,487       | 581             | 2,472            | 43             | 181                                      | 99            | 491            | 1,621                                  |
|                   | 6   | 5,633       | 648             | 2,519            | 45             | 127                                      | 78            | 623            | 1,593                                  |
|                   | 7   | 6,239       | 879             | 2,741            | 89             | 132                                      | 62            | 583            | 1,754                                  |
|                   | 8   | 6,189       | 976             | 2,951            | 16             | 42                                       | 64            | 387            | 1,753                                  |
|                   | 9   | 6,362       | 857             | 2,911            | 21             | 198                                      | 84            | 394            | 1,897                                  |
|                   | 10  | 5,375       | 1,026           | 2,536            | 81             | 85                                       | 73            | 321            | 1,254                                  |
|                   | 11  | 5,345       | 959             | 2,573            | 111            | 69                                       | 73            | 432            | 1,127                                  |
|                   | 12  | 5,675       | 1,209           | 2,258            | 153            | 109                                      | 72            | 506            | 1,368                                  |
| 2021 <sup>p</sup> | 1   | 4,598       | 965             | 1,895            | 181            | 19                                       | 53            | 349            | 1,137                                  |
| 2020 <sup>p</sup> | 1-1 | 6,846       | 1,149           | 2,732            | 139            | 112                                      | 91            | 525            | 2,098                                  |
| 2021 <sup>p</sup> | 1-1 | 4,598       | 965             | 1,895            | 181            | 19                                       | 53            | 349            | 1,137                                  |

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계

2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.

자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.

2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.

Source: Korea National Oil Corporation-PEDSIS

## 3.7 석유제품 생산

## Petroleum Products Production

|                   |     | 합계<br>Total | 휘발유<br>Gasoline | 경유<br>Diesel oil | 등유<br>Kerosene | 중유 <sup>1</sup><br>Fuel oil <sup>1</sup> | 액화석유가스<br>LPG | 나프타<br>Naphtha | 기타 <sup>2</sup><br>Others <sup>2</sup> |
|-------------------|-----|-------------|-----------------|------------------|----------------|--|---------------|----------------|--|
|                   |     | 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              |     | 198,843     | 26,745          | 58,301           | 3,292          | 9,187                                    | 5,229         | 49,788         | 46,299                                 |
| 2020 <sup>p</sup> |     | 184,301     | 22,742          | 55,664           | 6,939          | 12,018                                   | 4,496         | 45,587         | 36,855                                 |
| 2019              | 1   | 18,049      | 2,461           | 5,210            | 597            | 976                                      | 455           | 4,590          | 3,761                                  |
|                   | 2   | 16,100      | 2,139           | 4,617            | 469            | 760                                      | 409           | 4,043          | 3,663                                  |
|                   | 3   | 16,714      | 2,251           | 5,064            | 286            | 712                                      | 479           | 4,234          | 3,687                                  |
|                   | 4   | 16,504      | 2,090           | 4,827            | 135            | 876                                      | 504           | 4,234          | 3,837                                  |
|                   | 5   | 16,137      | 2,005           | 4,794            | 154            | 682                                      | 450           | 4,079          | 3,972                                  |
|                   | 6   | 15,784      | 2,089           | 4,562            | 121            | 595                                      | 458           | 3,951          | 4,008                                  |
|                   | 7   | 17,069      | 2,522           | 5,159            | 128            | 732                                      | 495           | 4,135          | 3,897                                  |
|                   | 8   | 17,273      | 2,417           | 5,135            | 73             | 814                                      | 477           | 4,197          | 4,158                                  |
|                   | 9   | 16,398      | 2,221           | 4,825            | 243            | 740                                      | 384           | 4,148          | 3,837                                  |
|                   | 10  | 15,330      | 2,026           | 4,250            | 238            | 805                                      | 342           | 3,851          | 3,818                                  |
|                   | 11  | 16,302      | 2,081           | 4,962            | 261            | 685                                      | 388           | 4,083          | 3,842                                  |
|                   | 12  | 17,183      | 2,444           | 4,897            | 584            | 809                                      | 388           | 4,244          | 3,818                                  |
| 2020 <sup>p</sup> | 1   | 17,134      | 2,222           | 5,025            | 507            | 1,034                                    | 392           | 4,264          | 3,689                                  |
|                   | 2   | 15,879      | 2,180           | 4,579            | 396            | 980                                      | 323           | 3,613          | 3,809                                  |
|                   | 3   | 16,359      | 2,103           | 4,640            | 273            | 1,168                                    | 359           | 4,036          | 3,778                                  |
|                   | 4   | 14,693      | 1,597           | 4,385            | 554            | 1,194                                    | 333           | 3,745          | 2,885                                  |
|                   | 5   | 15,005      | 1,606           | 4,589            | 696            | 1,217                                    | 427           | 3,634          | 2,836                                  |
|                   | 6   | 14,802      | 1,644           | 4,633            | 627            | 990                                      | 415           | 3,595          | 2,897                                  |
|                   | 7   | 15,700      | 1,837           | 4,876            | 567            | 945                                      | 415           | 3,991          | 3,068                                  |
|                   | 8   | 15,621      | 1,961           | 4,937            | 587            | 745                                      | 390           | 3,936          | 3,065                                  |
|                   | 9   | 14,276      | 1,730           | 4,545            | 453            | 829                                      | 389           | 3,665          | 2,664                                  |
|                   | 10  | 14,603      | 1,919           | 4,569            | 668            | 885                                      | 324           | 3,525          | 2,712                                  |
|                   | 11  | 14,629      | 1,921           | 4,378            | 752            | 1,029                                    | 334           | 3,618          | 2,599                                  |
|                   | 12  | 15,599      | 2,022           | 4,506            | 859            | 1,001                                    | 394           | 3,964          | 2,853                                  |
| 2021 <sup>p</sup> | 1   | 14,946      | 1,954           | 4,323            | 1,005          | 838                                      | 375           | 3,827          | 2,624                                  |
| 2020 <sup>p</sup> | 1-1 | 17,134      | 2,222           | 5,025            | 507            | 1,034                                    | 392           | 4,264          | 3,689                                  |
| 2021 <sup>p</sup> | 1-1 | 14,946      | 1,954           | 4,323            | 1,005          | 838                                      | 375           | 3,827          | 2,624                                  |

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계

2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.

자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.

2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.

Source: Korea National Oil Corporation-PEDSIS

## 3.8 석유제품 공급

## Petroleum Products Supply

|                   |     | 합계<br>Total | 휘발유<br>Gasoline | 경유<br>Diesel oil | 등유<br>Kerosene | 중유 <sup>1</sup><br>Fuel oil <sup>1</sup> | 액화석유가스<br>LPG | 나프타<br>Naphtha | 기타 <sup>2</sup><br>Others <sup>2</sup> |
|-------------------|-----|-------------|-----------------|------------------|----------------|--|---------------|----------------|--|
| 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          | 5,361                                    | 17,453        | 71,727         | 11,852                                 |
| 2019              |     | 148,165     | 13,156          | 27,313           | 2,723          | 3,815                                    | 19,418        | 69,733         | 12,008                                 |
| 2020 <sup>o</sup> |     | 139,606     | 12,870          | 26,048           | 2,695          | 3,772                                    | 19,459        | 64,431         | 10,331                                 |
| 2019              | 1   | 13,580      | 1,165           | 2,448            | 542            | 474                                      | 1,708         | 6,293          | 951                                    |
|                   | 2   | 11,706      | 999             | 2,041            | 349            | 387                                      | 1,410         | 5,657          | 862                                    |
|                   | 3   | 12,243      | 1,085           | 2,344            | 220            | 458                                      | 1,487         | 5,668          | 981                                    |
|                   | 4   | 12,081      | 1,123           | 2,458            | 180            | 301                                      | 1,481         | 5,501          | 1,037                                  |
|                   | 5   | 11,613      | 957             | 2,037            | 88             | 297                                      | 1,426         | 5,793          | 1,016                                  |
|                   | 6   | 11,478      | 1,129           | 2,277            | 81             | 280                                      | 1,382         | 5,322          | 1,006                                  |
|                   | 7   | 12,549      | 1,063           | 2,253            | 73             | 296                                      | 1,655         | 6,187          | 1,020                                  |
|                   | 8   | 13,023      | 1,368           | 2,618            | 114            | 256                                      | 1,723         | 6,051          | 894                                    |
|                   | 9   | 11,564      | 915             | 1,726            | 159            | 205                                      | 1,661         | 5,928          | 968                                    |
|                   | 10  | 12,078      | 1,118           | 2,323            | 198            | 209                                      | 1,802         | 5,445          | 983                                    |
|                   | 11  | 12,669      | 1,113           | 2,362            | 307            | 245                                      | 1,760         | 5,778          | 1,102                                  |
|                   | 12  | 13,581      | 1,121           | 2,426            | 410            | 405                                      | 1,923         | 6,109          | 1,187                                  |
| 2020 <sup>o</sup> | 1   | 12,867      | 978             | 1,872            | 378            | 365                                      | 1,992         | 6,281          | 1,000                                  |
|                   | 2   | 11,462      | 940             | 1,945            | 319            | 301                                      | 1,448         | 5,651          | 858                                    |
|                   | 3   | 11,329      | 914             | 2,066            | 240            | 308                                      | 1,628         | 5,496          | 677                                    |
|                   | 4   | 10,978      | 1,013           | 2,056            | 233            | 299                                      | 1,552         | 5,049          | 775                                    |
|                   | 5   | 12,518      | 1,199           | 2,480            | 234            | 314                                      | 1,650         | 5,673          | 967                                    |
|                   | 6   | 11,402      | 1,117           | 2,279            | 87             | 298                                      | 1,418         | 5,345          | 857                                    |
|                   | 7   | 11,619      | 1,138           | 2,149            | 64             | 265                                      | 1,628         | 5,595          | 782                                    |
|                   | 8   | 11,472      | 1,167           | 2,073            | 74             | 278                                      | 1,682         | 5,414          | 784                                    |
|                   | 9   | 11,419      | 1,098           | 2,191            | 129            | 335                                      | 1,588         | 5,308          | 768                                    |
|                   | 10  | 11,135      | 1,053           | 2,140            | 178            | 262                                      | 1,676         | 4,921          | 905                                    |
|                   | 11  | 11,333      | 1,211           | 2,496            | 286            | 368                                      | 1,663         | 4,353          | 956                                    |
|                   | 12  | 12,072      | 1,042           | 2,300            | 473            | 378                                      | 1,533         | 5,346          | 1,000                                  |
| 2021 <sup>o</sup> | 1   | 12,053      | 975             | 2,061            | 525            | 376                                      | 1,773         | 5,495          | 848                                    |
| 2020 <sup>o</sup> | 1-1 | 12,867      | 978             | 1,872            | 378            | 365                                      | 1,992         | 6,281          | 1,000                                  |
| 2021 <sup>o</sup> | 1-1 | 12,053      | 975             | 2,061            | 525            | 376                                      | 1,773         | 5,495          | 848                                    |

1. 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계

2. 기타는 항공유, 부생연료유, 정제가스, 용제, 아스팔트, 윤활유, 파라핀왁스, 석유코크, 기타제품(황, 프로필렌 등)을 포함.

주: 1차에너지 공급량 기준

자료: 한국석유공사-PEDSIS

1. Sum of Bunker-A, Bunker-B, and Bunker-C.

2. Includes jet fuel, by-product fuel oil, refinery gas, solvents, bitumens, lubricants, paraffin waxes, petroleum coke, and other.

Note: Based on primary energy supply.

Source: Korea National Oil Corporation-PEDSIS

## 3.9 휘발유 수급

## Gasoline Supply and Demand

|                   |     | 생산         | 수입      | 수출      | 재고    | 공급 <sup>1</sup>     | 소비<br>Consumption |                |                 |                   |                                |
|-------------------|-----|------------|---------|---------|-------|---------------------|-------------------|----------------|-----------------|-------------------|--------------------------------|
|                   |     | Production | Imports | Exports | Stock | Supply <sup>1</sup> | 합계<br>Total       | 산업<br>Industry | 수송<br>Transport | 가정<br>Residential | 상업·공공<br>Commercial/<br>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              |     | 26,745     | 21      | 13,970  | 975   | 13,156              | 13,156            | 215            | 12,868          | 8                 | 64                             |
| 2020 <sup>o</sup> |     | 22,742     | 0       | 11,788  | 780   | 12,870              | 12,870            | 211            | 12,581          | 4                 | 73                             |
| 2019              | 1   | 2,461      | -       | 1,424   | 1,032 | 1,165               | 1,165             | 16             | 1,142           | 1                 | 5                              |
|                   | 2   | 2,139      | -       | 1,103   | 1,095 | 999                 | 999               | 15             | 978             | 1                 | 5                              |
|                   | 3   | 2,251      | -       | 1,278   | 1,017 | 1,085               | 1,085             | 17             | 1,061           | 1                 | 5                              |
|                   | 4   | 2,090      | 21      | 1,076   | 908   | 1,123               | 1,123             | 21             | 1,096           | 0                 | 5                              |
|                   | 5   | 2,005      | -       | 880     | 1,059 | 957                 | 957               | 22             | 928             | 1                 | 6                              |
|                   | 6   | 2,089      | 0       | 1,156   | 866   | 1,129               | 1,129             | 16             | 1,106           | 0                 | 6                              |
|                   | 7   | 2,522      | -       | 1,213   | 1,131 | 1,063               | 1,063             | 17             | 1,039           | 0                 | 6                              |
|                   | 8   | 2,417      | -       | 1,276   | 924   | 1,368               | 1,368             | 16             | 1,345           | 1                 | 6                              |
|                   | 9   | 2,221      | -       | 1,233   | 1,027 | 915                 | 915               | 18             | 891             | 1                 | 5                              |
|                   | 10  | 2,026      | -       | 1,030   | 912   | 1,118               | 1,118             | 19             | 1,094           | 0                 | 5                              |
|                   | 11  | 2,081      | -       | 963     | 949   | 1,113               | 1,113             | 20             | 1,089           | 0                 | 5                              |
|                   | 12  | 2,444      | 0       | 1,338   | 975   | 1,121               | 1,121             | 17             | 1,099           | 0                 | 5                              |
| 2020 <sup>o</sup> | 1   | 2,222      | -       | 1,149   | 1,092 | 978                 | 978               | 12             | 959             | 0                 | 7                              |
|                   | 2   | 2,180      | -       | 1,335   | 1,023 | 940                 | 940               | 11             | 923             | 0                 | 6                              |
|                   | 3   | 2,103      | -       | 1,278   | 963   | 914                 | 914               | 16             | 892             | 0                 | 6                              |
|                   | 4   | 1,597      | -       | 891     | 845   | 1,013               | 1,013             | 18             | 989             | 0                 | 6                              |
|                   | 5   | 1,606      | -       | 581     | 843   | 1,199               | 1,199             | 23             | 1,169           | 0                 | 7                              |
|                   | 6   | 1,644      | -       | 648     | 849   | 1,117               | 1,117             | 21             | 1,089           | 0                 | 7                              |
|                   | 7   | 1,837      | -       | 879     | 863   | 1,138               | 1,138             | 17             | 1,113           | 0                 | 7                              |
|                   | 8   | 1,961      | -       | 976     | 862   | 1,167               | 1,167             | 16             | 1,144           | 0                 | 7                              |
|                   | 9   | 1,730      | -       | 857     | 800   | 1,098               | 1,098             | 20             | 1,070           | 0                 | 7                              |
|                   | 10  | 1,919      | -       | 1,026   | 872   | 1,053               | 1,053             | 19             | 1,028           | 1                 | 5                              |
|                   | 11  | 1,921      | -       | 959     | 773   | 1,211               | 1,211             | 19             | 1,186           | 0                 | 5                              |
|                   | 12  | 2,022      | 0       | 1,209   | 780   | 1,042               | 1,042             | 19             | 1,018           | 0                 | 5                              |
| 2021 <sup>p</sup> | 1   | 1,954      | -       | 965     | 1,000 | 975                 | 975               | 12             | 958             | 0                 | 5                              |
| 2020 <sup>o</sup> | 1-1 | 2,222      | -       | 1,149   | 1,092 | 978                 | 978               | 12             | 959             | 0                 | 7                              |
| 2021 <sup>p</sup> | 1-1 | 1,954      | -       | 965     | 1,000 | 975                 | 975               | 12             | 958             | 0                 | 5                              |

1. 1차에너지 공급량

자료: 한국석유공사-PEDSIS

1. Primary energy supply

Source: Korea National Oil Corporation-PEDSIS

## 3.10 경유 수급

## Diesel Oil Supply and Demand

|                   |     | 생산         | 수입      | 수출      | 재고    | 공급 <sup>1</sup>     | 소비          |                |                 |                   |                                |
|-------------------|-----|------------|---------|---------|-------|---------------------|-------------|----------------|-----------------|-------------------|--------------------------------|
|                   |     | Production | Imports | Exports | Stock | Supply <sup>1</sup> | Consumption |                |                 |                   |                                |
|                   |     |            |         |         |       |                     | 합계<br>Total | 산업<br>Industry | 수송<br>Transport | 가정<br>Residential | 상업·공공<br>Commercial/<br>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              |     | 58,301     | 22      | 31,039  | 1,665 | 27,313              | 27,158      | 2,515          | 23,001          | 644               | 998                            |
| 2020 <sup>p</sup> |     | 55,664     | 3       | 31,812  | 1,194 | 26,048              | 25,987      | 2,549          | 21,770          | 599               | 1,068                          |
|                   |     |            |         |         |       |                     |             |                |                 |                   |                                |
| 2019              | 1   | 5,210      | 2       | 3,262   | 1,345 | 2,448               | 2,445       | 229            | 2,035           | 66                | 115                            |
|                   | 2   | 4,617      | 0       | 2,368   | 1,450 | 2,041               | 2,038       | 192            | 1,707           | 54                | 85                             |
|                   | 3   | 5,064      | 2       | 2,189   | 1,976 | 2,344               | 2,330       | 208            | 1,968           | 65                | 89                             |
|                   | 4   | 4,827      | 3       | 2,674   | 1,833 | 2,458               | 2,440       | 197            | 2,079           | 68                | 95                             |
|                   | 5   | 4,794      | 2       | 2,340   | 2,098 | 2,037               | 2,020       | 186            | 1,698           | 50                | 86                             |
|                   | 6   | 4,562      | 1       | 2,364   | 2,014 | 2,277               | 2,257       | 154            | 1,976           | 52                | 76                             |
|                   | 7   | 5,159      | 3       | 2,709   | 2,214 | 2,253               | 2,232       | 228            | 1,882           | 47                | 75                             |
|                   | 8   | 5,135      | 5       | 2,700   | 2,049 | 2,618               | 2,594       | 197            | 2,259           | 61                | 77                             |
|                   | 9   | 4,825      | -       | 2,698   | 2,534 | 1,726               | 1,714       | 201            | 1,417           | 38                | 58                             |
|                   | 10  | 4,250      | 2       | 2,695   | 1,670 | 2,323               | 2,314       | 212            | 1,981           | 46                | 75                             |
|                   | 11  | 4,962      | 2       | 2,365   | 1,886 | 2,362               | 2,352       | 243            | 1,982           | 45                | 82                             |
|                   | 12  | 4,897      | 1       | 2,677   | 1,665 | 2,426               | 2,422       | 269            | 2,017           | 51                | 85                             |
|                   |     |            |         |         |       |                     |             |                |                 |                   |                                |
| 2020 <sup>p</sup> | 1   | 5,025      | -       | 2,732   | 2,086 | 1,872               | 1,870       | 181            | 1,538           | 48                | 103                            |
|                   | 2   | 4,579      | -       | 2,529   | 2,167 | 1,945               | 1,944       | 139            | 1,649           | 51                | 105                            |
|                   | 3   | 4,640      | -       | 2,894   | 1,849 | 2,066               | 2,064       | 180            | 1,736           | 56                | 92                             |
|                   | 4   | 4,385      | -       | 2,698   | 1,619 | 2,056               | 2,055       | 182            | 1,727           | 57                | 89                             |
|                   | 5   | 4,589      | 2       | 2,472   | 1,481 | 2,480               | 2,478       | 226            | 2,074           | 60                | 118                            |
|                   | 6   | 4,633      | 1       | 2,519   | 1,622 | 2,279               | 2,276       | 270            | 1,865           | 49                | 92                             |
|                   | 7   | 4,876      | -       | 2,741   | 1,923 | 2,149               | 2,146       | 216            | 1,807           | 45                | 78                             |
|                   | 8   | 4,937      | -       | 2,951   | 2,085 | 2,073               | 2,066       | 144            | 1,803           | 47                | 71                             |
|                   | 9   | 4,545      | -       | 2,911   | 1,667 | 2,191               | 2,183       | 198            | 1,856           | 48                | 81                             |
|                   | 10  | 4,569      | 0       | 2,536   | 1,714 | 2,140               | 2,134       | 247            | 1,776           | 42                | 70                             |
|                   | 11  | 4,378      | -       | 2,573   | 1,123 | 2,496               | 2,484       | 291            | 2,064           | 48                | 82                             |
|                   | 12  | 4,506      | -       | 2,258   | 1,194 | 2,300               | 2,286       | 276            | 1,874           | 48                | 88                             |
|                   |     |            |         |         |       |                     |             |                |                 |                   |                                |
| 2021 <sup>p</sup> | 1   | 4,323      | -       | 1,895   | 1,669 | 2,061               | 2,047       | 193            | 1,693           | 53                | 108                            |
|                   |     |            |         |         |       |                     |             |                |                 |                   |                                |
| 2020 <sup>p</sup> | 1-1 | 5,025      | -       | 2,732   | 2,086 | 1,872               | 1,870       | 181            | 1,538           | 48                | 103                            |
| 2021 <sup>p</sup> | 1-1 | 4,323      | -       | 1,895   | 1,669 | 2,061               | 2,047       | 193            | 1,693           | 53                | 108                            |

1. 1차에너지 공급량

자료: 한국석유공사-PEDSIS

1. Primary energy supply

Source: Korea National Oil Corporation-PEDSIS



## 3.11 등유 수급

## Kerosene Supply and Demand

|                   |     | 생산         | 수입      | 수출      | 재고    | 공급 <sup>1</sup>     | 소비<br>Consumption |                |                 |                   |                                |
|-------------------|-----|------------|---------|---------|-------|---------------------|-------------------|----------------|-----------------|-------------------|--------------------------------|
|                   |     | Production | Imports | Exports | Stock | Supply <sup>1</sup> | 합계<br>Total       | 산업<br>Industry | 수송<br>Transport | 가정<br>Residential | 상업·공공<br>Commercial/<br>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              |     | 3,292      | 6       | 663     | 401   | 2,723               | 2,553             | 208            | 1               | 1,932             | 412                            |
| 2020 <sup>p</sup> |     | 6,939      | 13      | 1,017   | 250   | 2,695               | 2,572             | 223            | 16              | 1,914             | 419                            |
| 2019              | 1   | 597        | 3       | 179     | 282   | 542                 | 530               | 23             | 0               | 411               | 95                             |
|                   | 2   | 469        | -       | 165     | 284   | 349                 | 336               | 16             | 0               | 258               | 62                             |
|                   | 3   | 286        | -       | 30      | 311   | 220                 | 204               | 11             | 0               | 161               | 32                             |
|                   | 4   | 135        | -       | 15      | 241   | 180                 | 166               | 8              | 0               | 130               | 28                             |
|                   | 5   | 154        | -       | 16      | 288   | 88                  | 71                | 5              | 0               | 55                | 12                             |
|                   | 6   | 121        | -       | 10      | 312   | 81                  | 62                | 4              | 0               | 45                | 14                             |
|                   | 7   | 128        | -       | 18      | 344   | 73                  | 53                | 4              | 0               | 39                | 10                             |
|                   | 8   | 73         | 2       | 5       | 288   | 114                 | 95                | 7              | 0               | 75                | 13                             |
|                   | 9   | 243        | -       | 15      | 354   | 159                 | 146               | 8              | 0               | 118               | 20                             |
|                   | 10  | 238        | -       | 36      | 377   | 198                 | 190               | 29             | 0               | 137               | 24                             |
|                   | 11  | 261        | -       | 61      | 296   | 307                 | 299               | 40             | 0               | 214               | 44                             |
|                   | 12  | 584        | -       | 114     | 401   | 410                 | 401               | 53             | 0               | 290               | 59                             |
| 2020 <sup>p</sup> | 1   | 507        | -       | 139     | 443   | 378                 | 367               | 16             | 4               | 282               | 66                             |
|                   | 2   | 396        | -       | 129     | 410   | 319                 | 309               | 15             | 2               | 234               | 57                             |
|                   | 3   | 273        | -       | 85      | 373   | 240                 | 229               | 12             | 2               | 179               | 36                             |
|                   | 4   | 554        | -       | 106     | 241   | 233                 | 223               | 13             | 1               | 173               | 37                             |
|                   | 5   | 696        | 6       | 43      | 232   | 234                 | 224               | 15             | 1               | 167               | 41                             |
|                   | 6   | 627        | 7       | 45      | 327   | 87                  | 75                | 10             | 0               | 52                | 13                             |
|                   | 7   | 567        | -       | 89      | 306   | 64                  | 51                | 5              | 0               | 35                | 11                             |
|                   | 8   | 587        | -       | 16      | 329   | 74                  | 63                | 6              | 0               | 48                | 9                              |
|                   | 9   | 453        | -       | 21      | 297   | 129                 | 121               | 7              | 1               | 96                | 18                             |
|                   | 10  | 668        | -       | 81      | 289   | 178                 | 170               | 26             | 1               | 121               | 22                             |
|                   | 11  | 752        | -       | 111     | 290   | 286                 | 276               | 37             | 1               | 198               | 40                             |
|                   | 12  | 859        | -       | 153     | 250   | 473                 | 464               | 63             | 2               | 329               | 70                             |
| 2021 <sup>p</sup> | 1   | 1,005      | -       | 181     | 347   | 525                 | 515               | 23             | 2               | 396               | 95                             |
| 2020 <sup>p</sup> | 1-1 | 507        | -       | 139     | 443   | 378                 | 367               | 16             | 4               | 282               | 66                             |
| 2021 <sup>p</sup> | 1-1 | 1,005      | -       | 181     | 347   | 525                 | 515               | 23             | 2               | 396               | 95                             |

1. 1차에너지 공급량

주: 실내등유와 보일러 등유의 합계

자료: 한국석유공사-PEDSIS

1. Primary energy supply.

Note: Sum of kerosene and heating oil.

Source: Korea National Oil Corporation-PEDSIS



## 3.12 중유 수급

## Fuel Oil Supply and Demand

|                   |     | 생산         | 수입      | 수출      | 재고    | 공급 <sup>1</sup>     | 소비<br>Consumption |                |                 |                   |                                |
|-------------------|-----|------------|---------|---------|-------|---------------------|-------------------|----------------|-----------------|-------------------|--------------------------------|
|                   |     | Production | Imports | Exports | Stock | Supply <sup>1</sup> | 합계<br>Total       | 산업<br>Industry | 수송<br>Transport | 가정<br>Residential | 상업·공공<br>Commercial/<br>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              |     | 9,187      | 5,022   | 2,727   | 1,571 | 3,815               | 3,159             | 886            | 2,167           | 47                | 59                             |
| 2020 <sup>P</sup> |     | 12,018     | 4,710   | 2,042   | 1,383 | 3,772               | 3,309             | 797            | 2,386           | 33                | 94                             |
| 2019              | 1   | 976        | 477     | 196     | 2,018 | 474                 | 346               | 101            | 228             | 9                 | 8                              |
|                   | 2   | 760        | 416     | 98      | 2,187 | 387                 | 313               | 88             | 207             | 7                 | 10                             |
|                   | 3   | 712        | 216     | 171     | 1,949 | 458                 | 302               | 79             | 211             | 5                 | 8                              |
|                   | 4   | 876        | 171     | 210     | 1,865 | 301                 | 264               | 66             | 189             | 4                 | 5                              |
|                   | 5   | 682        | 543     | 179     | 2,023 | 297                 | 277               | 70             | 202             | 2                 | 4                              |
|                   | 6   | 595        | 483     | 130     | 1,946 | 280                 | 266               | 73             | 189             | 2                 | 3                              |
|                   | 7   | 732        | 465     | 190     | 1,863 | 296                 | 271               | 83             | 182             | 2                 | 3                              |
|                   | 8   | 814        | 634     | 275     | 1,967 | 256                 | 230               | 55             | 172             | 1                 | 3                              |
|                   | 9   | 740        | 543     | 252     | 2,177 | 205                 | 198               | 65             | 127             | 3                 | 3                              |
|                   | 10  | 805        | 260     | 376     | 2,056 | 209                 | 189               | 59             | 125             | 1                 | 3                              |
|                   | 11  | 685        | 142     | 342     | 1,787 | 245                 | 215               | 64             | 143             | 4                 | 3                              |
|                   | 12  | 809        | 672     | 308     | 1,571 | 405                 | 288               | 82             | 192             | 8                 | 6                              |
| 2020 <sup>P</sup> | 1   | 1,034      | 517     | 112     | 1,868 | 365                 | 289               | 63             | 211             | 6                 | 9                              |
|                   | 2   | 980        | 521     | 248     | 1,935 | 301                 | 267               | 55             | 200             | 3                 | 8                              |
|                   | 3   | 1,168      | 366     | 328     | 1,959 | 308                 | 284               | 71             | 201             | 4                 | 8                              |
|                   | 4   | 1,194      | 339     | 412     | 1,660 | 299                 | 279               | 66             | 201             | 3                 | 10                             |
|                   | 5   | 1,217      | 13      | 181     | 1,539 | 314                 | 305               | 83             | 211             | 2                 | 10                             |
|                   | 6   | 990        | 151     | 127     | 1,574 | 298                 | 288               | 72             | 206             | 3                 | 7                              |
|                   | 7   | 945        | 607     | 132     | 1,733 | 265                 | 262               | 63             | 194             | 1                 | 5                              |
|                   | 8   | 745        | 316     | 42      | 1,506 | 278                 | 245               | 60             | 179             | 0                 | 6                              |
|                   | 9   | 829        | 733     | 198     | 1,607 | 335                 | 266               | 57             | 201             | 1                 | 6                              |
|                   | 10  | 885        | 295     | 85      | 1,448 | 262                 | 242               | 62             | 173             | 1                 | 6                              |
|                   | 11  | 1,029      | 458     | 69      | 1,377 | 368                 | 291               | 66             | 214             | 3                 | 9                              |
|                   | 12  | 1,001      | 394     | 109     | 1,383 | 378                 | 290               | 80             | 195             | 5                 | 10                             |
| 2021 <sup>P</sup> | 1   | 838        | 527     | 19      | 1,369 | 376                 | 293               | 76             | 206             | 5                 | 7                              |
| 2020 <sup>P</sup> | 1-1 | 1,034      | 517     | 112     | 1,868 | 365                 | 289               | 63             | 211             | 6                 | 9                              |
| 2021 <sup>P</sup> | 1-1 | 838        | 527     | 19      | 1,369 | 376                 | 293               | 76             | 206             | 5                 | 7                              |

1. 1차에너지 공급량

1. Primary energy supply.

주: 경질중유(Bunker-A), 중유(Bunker-B), 중질중유(Bunker-C)의 합계

Note: Sum of Bunker-A, Bunker-B, and Bunker-C.

자료: 한국석유공사-PEDSIS

Source: Korea National Oil Corporation-PEDSIS

## 3.13 액화석유가스(LPG) 수급

## LPG Supply and Demand

|                   |     | 생산         | 수입      | 수출      | 재고    | 공급 <sup>1</sup>     | 소비<br>Consumption |          |           |             |                       |
|-------------------|-----|------------|---------|---------|-------|---------------------|-------------------|----------|-----------|-------------|-----------------------|
|                   |     | Production | Imports | Exports | Stock | Supply <sup>1</sup> | 합계                | 산업       | 수송        | 가정          | 상업·공공                 |
|                   |     |            |         |         |       |                     | Total             | Industry | Transport | Residential | Commercial/<br>Public |
| 1,000 톤(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              |     | 2,882      | 7,817   | 477     | 316   | 10,362              | 10,198            | 5,609    | 3,053     | 591         | 945                   |
| 2020 <sup>p</sup> |     | 2,476      | 8,397   | 491     | 388   | 10,334              | 10,184            | 5,992    | 2,680     | 580         | 931                   |
| 2019              | 1   | 249        | 728     | 58      | 433   | 911                 | 895               | 444      | 265       | 74          | 112                   |
|                   | 2   | 224        | 444     | 41      | 306   | 755                 | 740               | 359      | 237       | 57          | 87                    |
|                   | 3   | 264        | 513     | 25      | 260   | 795                 | 782               | 387      | 254       | 55          | 86                    |
|                   | 4   | 280        | 598     | 29      | 310   | 787                 | 768               | 372      | 257       | 55          | 85                    |
|                   | 5   | 250        | 545     | 37      | 319   | 759                 | 747               | 389      | 249       | 42          | 67                    |
|                   | 6   | 254        | 514     | 22      | 340   | 738                 | 726               | 407      | 233       | 32          | 54                    |
|                   | 7   | 274        | 733     | 18      | 442   | 886                 | 873               | 508      | 263       | 37          | 65                    |
|                   | 8   | 264        | 647     | 36      | 394   | 924                 | 912               | 522      | 289       | 37          | 63                    |
|                   | 9   | 211        | 775     | 52      | 446   | 887                 | 876               | 536      | 245       | 36          | 59                    |
|                   | 10  | 188        | 710     | 68      | 328   | 960                 | 949               | 547      | 270       | 50          | 82                    |
|                   | 11  | 213        | 751     | 45      | 318   | 935                 | 920               | 539      | 244       | 52          | 84                    |
|                   | 12  | 212        | 859     | 46      | 316   | 1,024               | 1,010             | 598      | 247       | 64          | 101                   |
| 2020 <sup>p</sup> | 1   | 215        | 934     | 46      | 359   | 1,060               | 1,045             | 617      | 253       | 69          | 107                   |
|                   | 2   | 177        | 625     | 30      | 359   | 768                 | 757               | 435      | 190       | 51          | 81                    |
|                   | 3   | 197        | 741     | 52      | 378   | 859                 | 848               | 532      | 188       | 48          | 79                    |
|                   | 4   | 184        | 652     | 52      | 342   | 822                 | 811               | 486      | 203       | 48          | 75                    |
|                   | 5   | 236        | 571     | 51      | 236   | 876                 | 867               | 477      | 259       | 51          | 80                    |
|                   | 6   | 231        | 622     | 41      | 301   | 757                 | 746               | 427      | 228       | 34          | 57                    |
|                   | 7   | 231        | 746     | 32      | 387   | 867                 | 856               | 522      | 237       | 36          | 61                    |
|                   | 8   | 215        | 644     | 33      | 321   | 897                 | 888               | 552      | 246       | 33          | 57                    |
|                   | 9   | 215        | 747     | 43      | 394   | 843                 | 834               | 513      | 219       | 38          | 63                    |
|                   | 10  | 177        | 709     | 37      | 342   | 891                 | 875               | 534      | 223       | 45          | 72                    |
|                   | 11  | 182        | 695     | 37      | 298   | 885                 | 866               | 484      | 235       | 57          | 91                    |
|                   | 12  | 216        | 709     | 36      | 388   | 809                 | 791               | 415      | 200       | 69          | 107                   |
| 2021 <sup>p</sup> | 1   | 204        | 681     | 27      | 319   | 933                 | 862               | 465      | 206       | 75          | 116                   |
| 2020 <sup>p</sup> | 1-1 | 215        | 934     | 46      | 359   | 1,060               | 1,045             | 617      | 253       | 69          | 107                   |
| 2021 <sup>p</sup> | 1-1 | 204        | 681     | 27      | 319   | 933                 | 862               | 465      | 206       | 75          | 116                   |

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 나프타 수급

## Naphtha Supply and Demand

|                   |     | 생산           | 수입      | 수출      | 재고    | 공급 <sup>1</sup>     | 소비<br>Consumption |                |                 |                   |                                |
|-------------------|-----|--------------|---------|---------|-------|---------------------|-------------------|----------------|-----------------|-------------------|--------------------------------|
|                   |     | Production   | Imports | Exports | Stock | Supply <sup>1</sup> | 합계<br>Total       | 산업<br>Industry | 수송<br>Transport | 가정<br>Residential | 상업·공공<br>Commercial/<br>Public |
|                   |     | 1,000 톤(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              |     | 34,068       | 24,596  | 5,155   | 1,261 | 47,716              | 47,716            | 47,716         | -               | -                 | -                              |
| 2020 <sup>o</sup> |     | 31,194       | 23,490  | 3,990   | 1,844 | 44,088              | 44,088            | 44,088         | -               | -                 | -                              |
| 2019              | 1   | 3,141        | 1,992   | 392     | 1,383 | 4,306               | 4,306             | 4,306          | -               | -                 | -                              |
|                   | 2   | 2,767        | 1,592   | 353     | 1,257 | 3,871               | 3,871             | 3,871          | -               | -                 | -                              |
|                   | 3   | 2,898        | 1,780   | 439     | 1,263 | 3,878               | 3,878             | 3,878          | -               | -                 | -                              |
|                   | 4   | 2,897        | 1,929   | 634     | 1,476 | 3,764               | 3,764             | 3,764          | -               | -                 | -                              |
|                   | 5   | 2,791        | 2,005   | 454     | 1,438 | 3,964               | 3,964             | 3,964          | -               | -                 | -                              |
|                   | 6   | 2,703        | 2,073   | 529     | 1,661 | 3,642               | 3,642             | 3,642          | -               | -                 | -                              |
|                   | 7   | 2,829        | 2,219   | 489     | 1,379 | 4,234               | 4,234             | 4,234          | -               | -                 | -                              |
|                   | 8   | 2,872        | 2,556   | 430     | 1,501 | 4,140               | 4,140             | 4,140          | -               | -                 | -                              |
|                   | 9   | 2,838        | 2,142   | 391     | 1,436 | 4,057               | 4,057             | 4,057          | -               | -                 | -                              |
|                   | 10  | 2,635        | 1,952   | 281     | 1,336 | 3,726               | 3,726             | 3,726          | -               | -                 | -                              |
|                   | 11  | 2,794        | 2,018   | 390     | 1,160 | 3,954               | 3,954             | 3,954          | -               | -                 | -                              |
|                   | 12  | 2,904        | 2,338   | 372     | 1,261 | 4,180               | 4,180             | 4,180          | -               | -                 | -                              |
| 2020 <sup>o</sup> | 1   | 2,918        | 2,706   | 359     | 1,551 | 4,298               | 4,298             | 4,298          | -               | -                 | -                              |
|                   | 2   | 2,472        | 2,270   | 297     | 1,480 | 3,867               | 3,867             | 3,867          | -               | -                 | -                              |
|                   | 3   | 2,762        | 2,221   | 449     | 1,652 | 3,760               | 3,760             | 3,760          | -               | -                 | -                              |
|                   | 4   | 2,563        | 1,612   | 327     | 1,537 | 3,455               | 3,455             | 3,455          | -               | -                 | -                              |
|                   | 5   | 2,486        | 2,534   | 336     | 1,831 | 3,882               | 3,882             | 3,882          | -               | -                 | -                              |
|                   | 6   | 2,460        | 2,313   | 426     | 1,970 | 3,657               | 3,657             | 3,657          | -               | -                 | -                              |
|                   | 7   | 2,731        | 2,067   | 399     | 1,888 | 3,828               | 3,828             | 3,828          | -               | -                 | -                              |
|                   | 8   | 2,693        | 1,747   | 265     | 1,882 | 3,705               | 3,705             | 3,705          | -               | -                 | -                              |
|                   | 9   | 2,508        | 1,746   | 270     | 1,829 | 3,632               | 3,632             | 3,632          | -               | -                 | -                              |
|                   | 10  | 2,412        | 1,090   | 220     | 1,484 | 3,367               | 3,367             | 3,367          | -               | -                 | -                              |
|                   | 11  | 2,476        | 1,358   | 295     | 1,762 | 2,978               | 2,978             | 2,978          | -               | -                 | -                              |
|                   | 12  | 2,712        | 1,827   | 346     | 1,844 | 3,658               | 3,658             | 3,658          | -               | -                 | -                              |
| 2021 <sup>p</sup> | 1   | 2,619        | 1,876   | 239     | 1,779 | 3,760               | 3,760             | 3,760          | -               | -                 | -                              |
| 2020 <sup>o</sup> | 1-1 | 2,918        | 2,706   | 359     | 1,551 | 4,298               | 4,298             | 4,298          | -               | -                 | -                              |
| 2021 <sup>p</sup> | 1-1 | 2,619        | 1,876   | 239     | 1,779 | 3,760               | 3,760             | 3,760          | -               | -                 | -                              |

1. 1차에너지 공급량

자료: 한국석유공사-PEDSIS

1. Primary energy supply.

Source: Korea National Oil Corporation-PEDSIS



## 4. 가스

### Natural Gas and City Gas

#### 4.1 천연가스 개요

Natural Gas Overview

#### 4.2 천연가스 수입

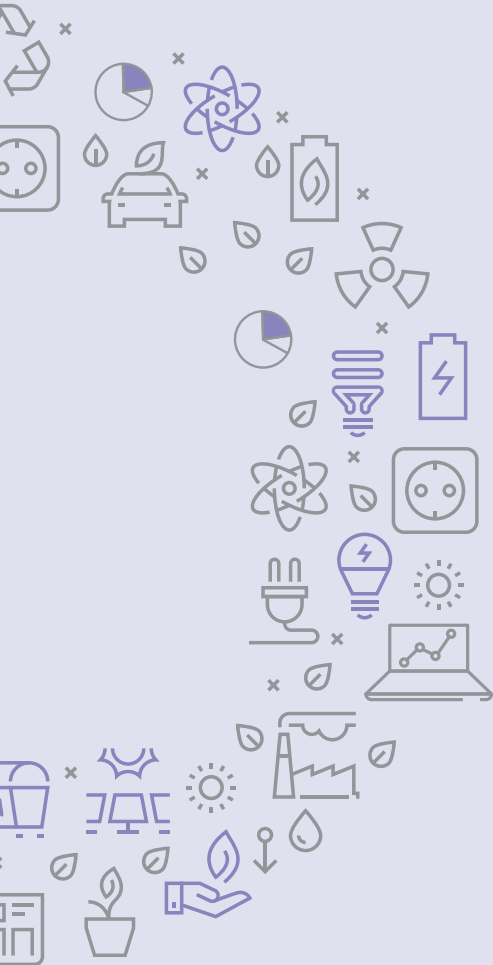
Natural Gas Imports

#### 4.3 천연가스 소비

Natural Gas Consumption

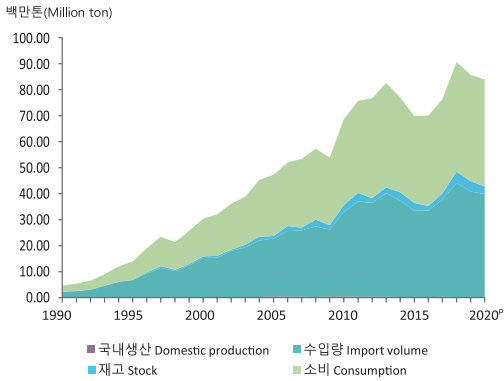
#### 4.4 도시가스 수급

City Gas Supply and Demand

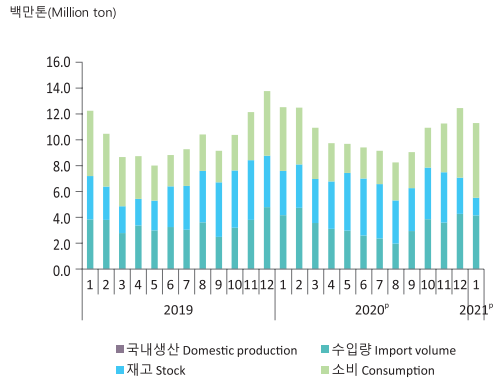


## ● 천연가스 개요 Natural Gas Overview

〈1990~2020〉

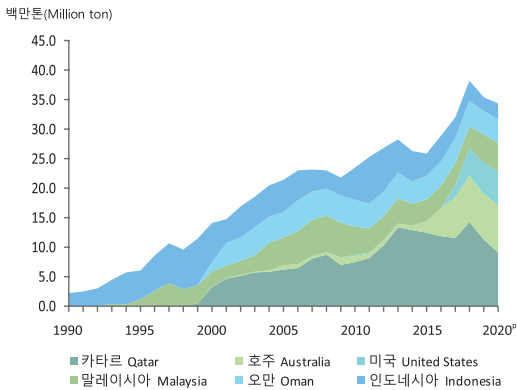


〈월별 Monthly〉

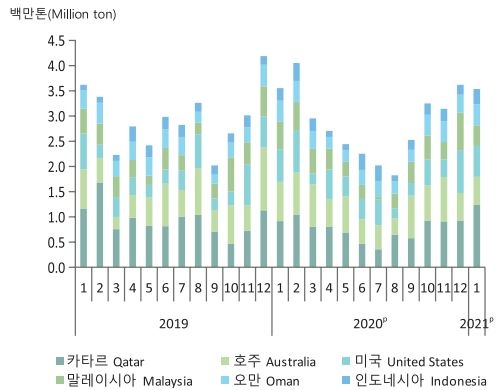


## ● 천연가스 수입 Natural Gas Imports

〈1990~2020〉

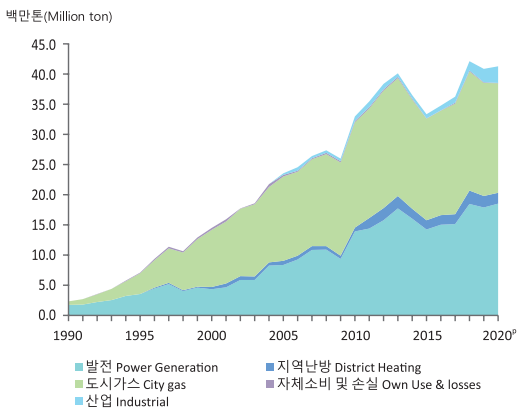


〈월별 Monthly〉

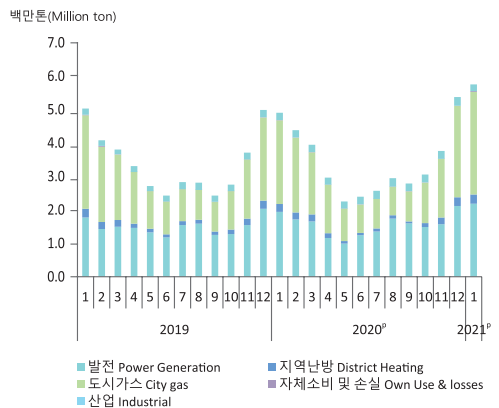


## ● 천연가스 소비 Natural Gas Consumption

〈1990~2020〉



〈월별 Monthly〉



## 4.1 천연가스 개요

## Natural Gas Overview

|                   |     | 국내생산<br>Domestic<br>production | 카고 <sup>1</sup><br>Cargo <sup>1</sup> | 수입량<br>Imports volume | 수입액<br>Imports value | 재고<br>Stock  | 소비<br>Consumption |
|-------------------|-----|--------------------------------|---------------------------------------|-----------------------|----------------------|--------------|-------------------|
|                   |     | 1,000 톤(Ton)                   | 카고(Cargo)                             | 1,000 톤(Ton)          | 백만(Mil) USD          | 1,000 톤(Ton) |                   |
| 1990              |     | -                              | 41                                    | 2,237                 | 460                  | 46           | 2,329             |
| 1995              |     | -                              | 125                                   | 6,756                 | 1,275                | 103          | 7,087             |
| 1996              |     | -                              | 168                                   | 9,258                 | 1,878                | 369          | 9,363             |
| 1997              |     | -                              | 205                                   | 11,471                | 2,296                | 605          | 11,379            |
| 1998              |     | -                              | 188                                   | 10,189                | 1,549                | 527          | 10,645            |
| 1999              |     | -                              | 227                                   | 12,284                | 1,973                | 539          | 12,961            |
| 2000              |     | -                              | 248                                   | 15,239                | 3,882                | 591          | 14,557            |
| 2001              |     | -                              | 270                                   | 15,318                | 3,990                | 738          | 15,990            |
| 2002              |     | -                              | 298                                   | 17,993                | 4,120                | 426          | 17,766            |
| 2003              |     | -                              | 326                                   | 19,308                | 5,082                | 1,063        | 18,610            |
| 2004              |     | 163                            | 371                                   | 21,781                | 6,552                | 1,602        | 21,809            |
| 2005              |     | 398                            | 380                                   | 22,317                | 8,646                | 959          | 23,632            |
| 2006              |     | 355                            | 410                                   | 25,256                | 11,925               | 1,936        | 24,619            |
| 2007              |     | 271                            | 413                                   | 25,569                | 12,653               | 1,099        | 26,516            |
| 2008              |     | 181                            | 460                                   | 27,259                | 19,806               | 2,558        | 27,439            |
| 2009              |     | 383                            | 435                                   | 25,822                | 13,875               | 1,728        | 26,083            |
| 2010              |     | 415                            | 504                                   | 32,603                | 17,006               | 2,667        | 33,083            |
| 2011              |     | 347                            | 532                                   | 36,685                | 23,859               | 3,323        | 35,603            |
| 2012              |     | 334                            | 538                                   | 36,184                | 27,364               | 1,840        | 38,485            |
| 2013              |     | 355                            | 590                                   | 39,876                | 30,645               | 2,237        | 40,278            |
| 2014              |     | 247                            | 538                                   | 37,107                | 31,403               | 3,234        | 36,636            |
| 2015              |     | 144                            | 454                                   | 33,366                | 18,779               | 3,034        | 33,438            |
| 2016              |     | 118                            | 461                                   | 33,453                | 12,170               | 1,695        | 34,906            |
| 2017              |     | 261                            | 487                                   | 37,537                | 15,616               | 2,308        | 36,398            |
| 2018              |     | 234                            | 545                                   | 44,015                | 23,189               | 4,281        | 42,285            |
| 2019              |     | 198                            | 490                                   | 40,748                | 20,567               | 3,976        | 40,991            |
| 2020 <sup>p</sup> |     | 142                            | 472                                   | 39,982                | 15,716               | 2,798        | 41,440            |
| 2019              | 1   | 20                             | 53                                    | 3,816                 | 2,240                | 3,365        | 5,038             |
|                   | 2   | 17                             | 39                                    | 3,781                 | 2,323                | 2,578        | 4,088             |
|                   | 3   | 19                             | 39                                    | 2,769                 | 1,560                | 2,063        | 3,817             |
|                   | 4   | 21                             | 40                                    | 3,345                 | 1,612                | 2,060        | 3,316             |
|                   | 5   | 21                             | 35                                    | 2,964                 | 1,427                | 2,301        | 2,722             |
|                   | 6   | 20                             | 37                                    | 3,221                 | 1,515                | 3,151        | 2,434             |
|                   | 7   | 19                             | 35                                    | 3,019                 | 1,474                | 3,396        | 2,835             |
|                   | 8   | 19                             | 39                                    | 3,589                 | 1,720                | 3,988        | 2,824             |
|                   | 9   | 11                             | 32                                    | 2,483                 | 1,266                | 4,224        | 2,432             |
|                   | 10  | 5                              | 38                                    | 3,194                 | 1,530                | 4,420        | 2,760             |
|                   | 11  | 11                             | 48                                    | 3,791                 | 1,723                | 4,613        | 3,719             |
|                   | 12  | 15                             | 55                                    | 4,776                 | 2,175                | 3,976        | 5,004             |
| 2020 <sup>p</sup> | 1   | 18                             | 56                                    | 4,145                 | 1,949                | 3,437        | 4,917             |
|                   | 2   | 16                             | 54                                    | 4,721                 | 2,110                | 3,354        | 4,393             |
|                   | 3   | 17                             | 48                                    | 3,543                 | 1,637                | 3,416        | 3,955             |
|                   | 4   | 16                             | 36                                    | 3,092                 | 1,481                | 3,664        | 2,968             |
|                   | 5   | 17                             | 34                                    | 2,962                 | 1,389                | 4,449        | 2,255             |
|                   | 6   | 16                             | 26                                    | 2,580                 | 1,145                | 4,407        | 2,399             |
|                   | 7   | 13                             | 26                                    | 2,359                 | 906                  | 4,203        | 2,577             |
|                   | 8   | 11                             | 22                                    | 1,956                 | 621                  | 3,334        | 2,955             |
|                   | 9   | 1                              | 31                                    | 2,935                 | 773                  | 3,316        | 2,797             |
|                   | 10  | -                              | 45                                    | 3,848                 | 1,061                | 4,008        | 3,066             |
|                   | 11  | 9                              | 42                                    | 3,582                 | 1,118                | 3,892        | 3,772             |
|                   | 12  | 9                              | 52                                    | 4,257                 | 1,526                | 2,798        | 5,386             |
| 2021 <sup>p</sup> | 1   | 7                              | 58                                    | 4,145                 | 1,831                | 1,370        | 5,771             |
| 2020 <sup>p</sup> | 1-1 | 18                             | 56                                    | 4,145                 | 1,949                | 3,437        | 4,917             |
| 2021 <sup>p</sup> | 1-1 | 7                              | 58                                    | 4,145                 | 1,831                | 1,370        | 5,771             |

1. 1카고는 58,000톤

자료: 한국무역협회, 한국가스공사, LNG직도입사.

1. 1 cargo is 58,000 Tons.

Source: Korea International Trade Association, Korea Gas Corporation and LNG Direct Importers.

## 4.2 천연가스 수입

## Natural Gas Imports

|                       |    | 합계 <sup>1</sup><br>Total <sup>1</sup> | 카타르<br>Qatar | 호주<br>Australia | 미국<br>United States | 말레이시아<br>Malaysia | 오만<br>Oman | 인도네시아<br>Indonesia |
|-----------------------|----|---------------------------------------|--------------|-----------------|---------------------|-------------------|------------|--------------------|
|                       |    | 1,000 톤(Ton)                          |              |                 |                     |                   |            |                    |
| 1990                  |    | 2,237                                 | -            | -               | 0                   | -                 | -          | 2,237              |
| 1995                  |    | 6,756                                 | -            | 114             | -                   | 1,040             | -          | 4,892              |
| 1996                  |    | 9,258                                 | -            | 56              | 0                   | 2,573             | -          | 5,975              |
| 1997                  |    | 11,471                                | -            | -               | -                   | 3,928             | -          | 6,730              |
| 1998                  |    | 10,189                                | -            | -               | -                   | 2,851             | -          | 6,736              |
| 1999                  |    | 12,284                                | 480          | -               | 0                   | 3,046             | -          | 7,943              |
| 2000                  |    | 15,239                                | 3,251        | 54              | 0                   | 2,529             | 1,619      | 6,633              |
| 2001                  |    | 15,318                                | 4,655        | 57              | 0                   | 2,175             | 3,784      | 4,055              |
| 2002                  |    | 17,993                                | 5,123        | 176             | 0                   | 2,400             | 3,970      | 5,256              |
| 2003                  |    | 19,308                                | 5,694        | 123             | -                   | 2,798             | 4,714      | 5,200              |
| 2004                  |    | 21,781                                | 5,818        | 285             | 0                   | 4,638             | 4,411      | 5,290              |
| 2005                  |    | 22,317                                | 6,211        | 748             | -                   | 4,688             | 4,244      | 5,502              |
| 2006                  |    | 25,256                                | 6,458        | 701             | -                   | 5,546             | 5,221      | 5,060              |
| 2007                  |    | 25,569                                | 8,031        | 422             | 0                   | 6,161             | 4,792      | 3,755              |
| 2008                  |    | 27,259                                | 8,744        | 398             | -                   | 6,247             | 4,544      | 3,053              |
| 2009                  |    | 25,822                                | 6,973        | 1,314           | -                   | 5,874             | 4,551      | 3,084              |
| 2010                  |    | 32,603                                | 7,449        | 1,030           | 232                 | 4,745             | 4,557      | 5,451              |
| 2011                  |    | 36,685                                | 8,153        | 787             | 113                 | 4,144             | 4,195      | 7,894              |
| 2012                  |    | 36,184                                | 10,278       | 832             | 57                  | 4,082             | 4,127      | 7,445              |
| 2013                  |    | 39,876                                | 13,354       | 620             | -                   | 4,314             | 4,331      | 5,627              |
| 2014                  |    | 37,107                                | 12,853       | 836             | -                   | 3,673             | 3,726      | 5,176              |
| 2015                  |    | 33,366                                | 12,442       | 1,952           | -                   | 3,698             | 3,990      | 3,776              |
| 2016                  |    | 33,453                                | 11,880       | 4,695           | 28                  | 3,813             | 4,081      | 4,362              |
| 2017                  |    | 37,537                                | 11,554       | 6,997           | 1,959               | 3,749             | 4,231      | 3,542              |
| 2018                  |    | 44,015                                | 14,245       | 7,871           | 4,658               | 3,702             | 4,282      | 3,447              |
| 2019                  |    | 40,748                                | 11,311       | 7,775           | 5,226               | 4,802             | 3,946      | 2,336              |
| 2020 <sup>p</sup>     |    | 39,982                                | 9,087        | 7,972           | 5,762               | 4,918             | 3,900      | 2,699              |
| 2019                  |    |                                       |              |                 |                     |                   |            |                    |
|                       | 1  | 3,816                                 | 1,165        | 777             | 713                 | 490               | 362        | 111                |
|                       | 2  | 3,781                                 | 1,684        | 487             | 261                 | 413               | 419        | 119                |
|                       | 3  | 2,769                                 | 759          | 239             | 396                 | 416               | 302        | 119                |
|                       | 4  | 3,345                                 | 981          | 450             | 344                 | 353               | 362        | 303                |
|                       | 5  | 2,964                                 | 822          | 570             | 244                 | 182               | 362        | 238                |
|                       | 6  | 3,221                                 | 816          | 843             | 281                 | 426               | 368        | 246                |
|                       | 7  | 3,019                                 | 1,003        | 532             | 391                 | 297               | 364        | 236                |
|                       | 8  | 3,589                                 | 1,044        | 924             | 669                 | 233               | 213        | 182                |
|                       | 9  | 2,483                                 | 706          | 427             | 235                 | 291               | 180        | 184                |
|                       | 10 | 3,194                                 | 470          | 764             | 273                 | 677               | 291        | 183                |
|                       | 11 | 3,791                                 | 729          | 510             | 808                 | 431               | 299        | 240                |
|                       | 12 | 4,776                                 | 1,133        | 1,252           | 610                 | 595               | 425        | 176                |
| 2020 <sup>p</sup>     |    |                                       |              |                 |                     |                   |            |                    |
|                       | 1  | 4,145                                 | 917          | 778             | 647                 | 552               | 409        | 249                |
|                       | 2  | 4,721                                 | 1,045        | 833             | 841                 | 564               | 411        | 357                |
|                       | 3  | 3,543                                 | 806          | 840             | 212                 | 489               | 356        | 249                |
|                       | 4  | 3,092                                 | 809          | 546             | 586                 | 410               | 236        | 119                |
|                       | 5  | 2,962                                 | 692          | 716             | 395                 | 287               | 237        | 118                |
|                       | 6  | 2,580                                 | 463          | 487             | 403                 | 281               | 299        | 319                |
|                       | 7  | 2,359                                 | 356          | 479             | 517                 | 56                | 302        | 309                |
|                       | 8  | 1,956                                 | 645          | 329             | 198                 | 289               | 240        | 122                |
|                       | 9  | 2,935                                 | 581          | 842             | 249                 | 419               | 237        | 196                |
|                       | 10 | 3,848                                 | 930          | 694             | 515                 | 479               | 409        | 223                |
|                       | 11 | 3,582                                 | 909          | 882             | 351                 | 345               | 411        | 245                |
|                       | 12 | 4,257                                 | 931          | 546             | 848                 | 747               | 352        | 194                |
| 2021 <sup>p</sup>     |    |                                       |              |                 |                     |                   |            |                    |
|                       | 1  | 4,145                                 | 1,235        | 561             | 610                 | 411               | 417        | 302                |
| 2020 <sup>p</sup> 1-1 |    | 4,145                                 | 917          | 778             | 647                 | 552               | 409        | 249                |
| 2021 <sup>p</sup> 1-1 |    | 4,145                                 | 1,235        | 561             | 610                 | 411               | 417        | 302                |

1. 기타국가 포함

자료: 한국가스공사, LNG직도입사.

1. Includes other countries

Source: Korea Gas Corporation and LNG Direct Importers.



## 4.3 천연가스 소비

## Natural Gas Consumption

|                   |     | 합계<br>Total  | 발전<br>Power generation | 지역난방<br>District heating | 도시가스 제조<br>City gas | 자체소비 및 손실<br>Own use and loss | 산업<br>Industry |
|-------------------|-----|--------------|------------------------|--------------------------|---------------------|-------------------------------|----------------|
|                   |     | 1,000 톤(Ton) |                        |                          |                     |                               |                |
| 1990              |     | 2,329        | 1,741                  | 0                        | 576                 | 12                            | -              |
| 1995              |     | 7,087        | 3,562                  | 0                        | 3,417               | 108                           | -              |
| 1996              |     | 9,363        | 4,449                  | 173                      | 4,561               | 179                           | -              |
| 1997              |     | 11,379       | 5,198                  | 179                      | 5,770               | 232                           | -              |
| 1998              |     | 10,645       | 4,030                  | 160                      | 6,233               | 222                           | -              |
| 1999              |     | 12,961       | 4,591                  | 177                      | 7,886               | 306                           | -              |
| 2000              |     | 14,557       | 4,353                  | 335                      | 9,528               | 340                           | 0              |
| 2001              |     | 15,990       | 4,657                  | 630                      | 10,300              | 403                           | -              |
| 2002              |     | 17,766       | 5,900                  | 609                      | 11,194              | 63                            | -              |
| 2003              |     | 18,610       | 5,853                  | 615                      | 11,978              | 165                           | -              |
| 2004              |     | 21,809       | 8,242                  | 576                      | 12,504              | 487                           | -              |
| 2005              |     | 23,632       | 8,359                  | 685                      | 14,077              | 229                           | 282            |
| 2006              |     | 24,619       | 9,292                  | 619                      | 13,957              | 183                           | 567            |
| 2007              |     | 26,516       | 10,897                 | 631                      | 14,449              | 141                           | 398            |
| 2008              |     | 27,439       | 10,914                 | 603                      | 15,316              | 173                           | 434            |
| 2009              |     | 26,083       | 9,376                  | 524                      | 15,510              | 220                           | 453            |
| 2010              |     | 33,083       | 13,937                 | 651                      | 17,522              | 213                           | 761            |
| 2011              |     | 35,603       | 14,412                 | 1,760                    | 18,255              | 214                           | 963            |
| 2012              |     | 38,485       | 15,796                 | 2,046                    | 19,558              | 200                           | 886            |
| 2013              |     | 40,278       | 17,756                 | 2,108                    | 19,596              | 195                           | 623            |
| 2014              |     | 36,636       | 16,068                 | 1,654                    | 18,180              | 144                           | 590            |
| 2015              |     | 33,438       | 14,252                 | 1,538                    | 16,929              | 65                            | 653            |
| 2016              |     | 34,906       | 15,092                 | 1,556                    | 17,384              | 74                            | 801            |
| 2017              |     | 36,398       | 15,154                 | 1,684                    | 18,390              | 122                           | 1,049          |
| 2018              |     | 42,285       | 18,507                 | 2,255                    | 19,813              | 150                           | 1,560          |
| 2019              |     | 40,991       | 17,945                 | 1,902                    | 18,822              | 94                            | 2,227          |
| 2020 <sup>a</sup> |     | 41,440       | 18,595                 | 1,778                    | 18,247              | 62                            | 2,758          |
| 2019              | 1   | 5,038        | 1,780                  | 260                      | 2,796               | 23                            | 179            |
|                   | 2   | 4,088        | 1,428                  | 212                      | 2,261               | 20                            | 167            |
|                   | 3   | 3,817        | 1,497                  | 204                      | 1,959               | 8                             | 150            |
|                   | 4   | 3,316        | 1,465                  | 126                      | 1,548               | 3                             | 174            |
|                   | 5   | 2,722        | 1,329                  | 106                      | 1,130               | 4                             | 152            |
|                   | 6   | 2,434        | 1,181                  | 86                       | 984                 | 1                             | 181            |
|                   | 7   | 2,835        | 1,550                  | 116                      | 957                 | 3                             | 210            |
|                   | 8   | 2,824        | 1,593                  | 118                      | 889                 | 5                             | 219            |
|                   | 9   | 2,432        | 1,255                  | 96                       | 891                 | 4                             | 185            |
|                   | 10  | 2,760        | 1,279                  | 136                      | 1,149               | 6                             | 191            |
|                   | 11  | 3,719        | 1,549                  | 196                      | 1,770               | 5                             | 199            |
|                   | 12  | 5,004        | 2,038                  | 246                      | 2,488               | 12                            | 220            |
| 2020 <sup>a</sup> | 1   | 4,917        | 1,943                  | 237                      | 2,506               | 15                            | 216            |
|                   | 2   | 4,393        | 1,718                  | 207                      | 2,238               | 13                            | 217            |
|                   | 3   | 3,955        | 1,655                  | 216                      | 1,860               | 5                             | 219            |
|                   | 4   | 2,968        | 1,162                  | 145                      | 1,453               | 4                             | 205            |
|                   | 5   | 2,255        | 989                    | 76                       | 979                 | 1                             | 209            |
|                   | 6   | 2,399        | 1,247                  | 68                       | 852                 | 1                             | 231            |
|                   | 7   | 2,577        | 1,358                  | 89                       | 886                 | 1                             | 244            |
|                   | 8   | 2,955        | 1,740                  | 106                      | 857                 | 2                             | 250            |
|                   | 9   | 2,797        | 1,600                  | 57                       | 906                 | 1                             | 233            |
|                   | 10  | 3,066        | 1,491                  | 115                      | 1,218               | 1                             | 241            |
|                   | 11  | 3,772        | 1,571                  | 201                      | 1,760               | 3                             | 237            |
|                   | 12  | 5,386        | 2,121                  | 260                      | 2,733               | 16                            | 256            |
| 2021 <sup>a</sup> | 1   | 5,771        | 2,189                  | 276                      | 3,073               | 30                            | 203            |
| 2020 <sup>a</sup> | 1-1 | 4,917        | 1,943                  | 237                      | 2,506               | 15                            | 216            |
| 2021 <sup>a</sup> | 1-1 | 5,771        | 2,189                  | 276                      | 3,073               | 30                            | 203            |

자료: 한국가스공사, LNG직도입사.

Source: Korea Gas Corporation and LNG Direct Importers.

## 4.4 도시가스 수급

## City Gas Supply and Demand

|                   |     | 원료<br>Raw materials |               | 생산 <sup>1</sup><br>Production <sup>1</sup> | 소비<br>Consumption       |                |                 |                   |                  |              |
|-------------------|-----|---------------------|---------------|--|-------------------------|----------------|-----------------|-------------------|------------------|--------------|
|                   |     | 프로판<br>Propane      | 액화천연가스<br>LNG |  | 합계<br>Total             | 산업<br>Industry | 수송<br>Transport | 가정<br>Residential | 상업<br>Commercial | 공공<br>Public |
|                   |     | 1,000 톤(Ton)        |               |  | 백만(Mil) Nm <sup>3</sup> |                |                 |                   |                  |              |
| 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              |     | 20                  | 23,434        | 23,920                                     | 23,268                  | 8,299          | 1,181           | 10,184            | 3,528            | 76           |
| 2020 <sup>p</sup> |     | 9                   | 22,718        | 23,178                                     | 22,470                  | 7,603          | 1,078           | 10,579            | 3,142            | 68           |
| 2019              | 1   | 3                   | 3,481         | 3,554                                      | 3,379                   | 855            | 98              | 1,940             | 473              | 14           |
|                   | 2   | 2                   | 2,815         | 2,873                                      | 2,887                   | 704            | 86              | 1,689             | 396              | 11           |
|                   | 3   | 2                   | 2,439         | 2,489                                      | 2,486                   | 772            | 98              | 1,284             | 324              | 8            |
|                   | 4   | 1                   | 1,927         | 1,967                                      | 2,072                   | 751            | 97              | 943               | 276              | 5            |
|                   | 5   | 1                   | 1,407         | 1,436                                      | 1,535                   | 692            | 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                                      | 1,127                   | 560            | 104             | 204               | 254              | 5            |
|                   | 9   | 1                   | 1,110         | 1,133                                      | 1,112                   | 566            | 97              | 228               | 217              | 4            |
|                   | 10  | 1                   | 1,430         | 1,460                                      | 1,356                   | 649            | 99              | 396               | 209              | 3            |
|                   | 11  | 2                   | 2,204         | 2,249                                      | 1,992                   | 717            | 97              | 886               | 286              | 5            |
|                   | 12  | 3                   | 3,097         | 3,161                                      | 2,840                   | 774            | 100             | 1,549             | 406              | 11           |
| 2020 <sup>p</sup> | 1   | 3                   | 3,120         | 3,185                                      | 3,078                   | 757            | 93              | 1,799             | 418              | 11           |
|                   | 2   | 2                   | 2,786         | 2,844                                      | 2,818                   | 723            | 88              | 1,632             | 365              | 10           |
|                   | 3   | 2                   | 2,316         | 2,364                                      | 2,415                   | 722            | 86              | 1,324             | 276              | 7            |
|                   | 4   | 2                   | 1,808         | 1,846                                      | 1,896                   | 625            | 81              | 972               | 213              | 4            |
|                   | 5   | 0                   | 1,219         | 1,244                                      | 1,375                   | 526            | 87              | 578               | 181              | 2            |
|                   | 6   | 0                   | 1,061         | 1,082                                      | 1,133                   | 513            | 92              | 318               | 207              | 3            |
|                   | 7   | 0                   | 1,103         | 1,125                                      | 1,095                   | 525            | 96              | 249               | 221              | 3            |
|                   | 8   | 0                   | 1,067         | 1,088                                      | 1,093                   | 500            | 102             | 254               | 233              | 4            |
|                   | 9   | 0                   | 1,128         | 1,150                                      | 1,105                   | 578            | 86              | 251               | 185              | 3            |
|                   | 10  | 0                   | 1,516         | 1,546                                      | 1,397                   | 615            | 87              | 505               | 187              | 3            |
|                   | 11  | 0                   | 2,191         | 2,234                                      | 2,008                   | 686            | 87              | 967               | 262              | 5            |
|                   | 12  | 0                   | 3,403         | 3,471                                      | 3,058                   | 833            | 92              | 1,729             | 394              | 10           |
| 2021 <sup>p</sup> | 1   | -                   | 3,826         | 3,901                                      | 3,647                   | 909            | 85              | 2,205             | 435              | 13           |
| 2020 <sup>p</sup> | 1-1 | 3                   | 3,120         | 3,185                                      | 3,078                   | 757            | 93              | 1,799             | 418              | 11           |
| 2021 <sup>p</sup> | 1-1 | -                   | 3,826         | 3,901                                      | 3,647                   | 909            | 85              | 2,205             | 435              | 13           |

1. 1990년에는 나프타 포함.

자료: 한국도시가스협회

1. Figures in 1990 include naphtha.

Source: Korea City Gas Association

## 5. 석 탄

### Coal

#### 5.1 무연탄 수급

Anthracite Supply and Demand

#### 5.2 부문별 무연탄 소비

Anthracite Consumption by Sector

#### 5.3 유연탄 수급

Bituminous Coal Supply and Demand

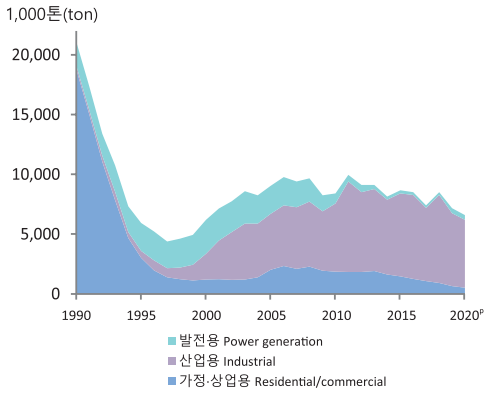
#### 5.4 용도별 유연탄 소비

Bituminous Coal Consumption by Sector

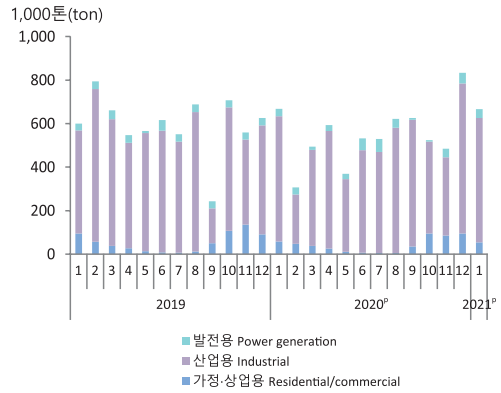


## ● 무연탄 소비 Anthracite Consumption

〈1990~2020〉

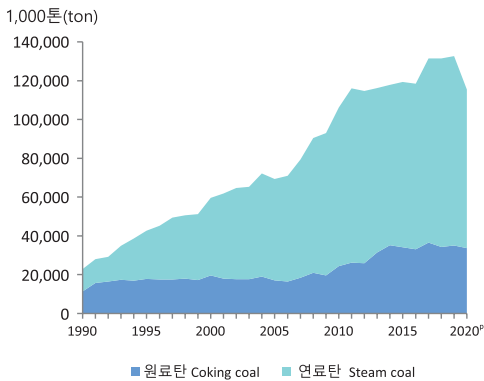


〈월별 Monthly〉

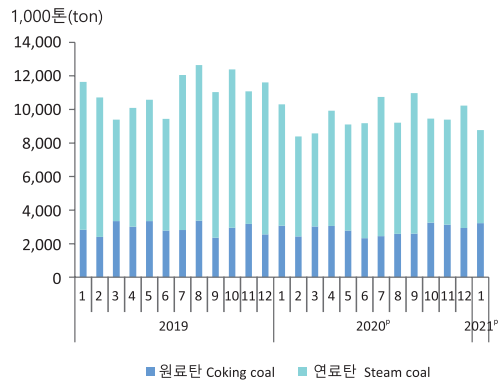


## ● 유연탄 수입 Bituminous Coal Imports

〈1990~2020〉

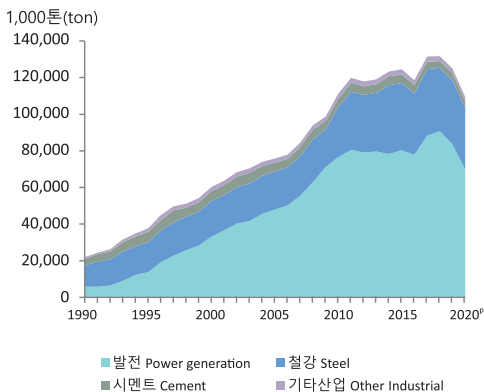


〈월별 Monthly〉

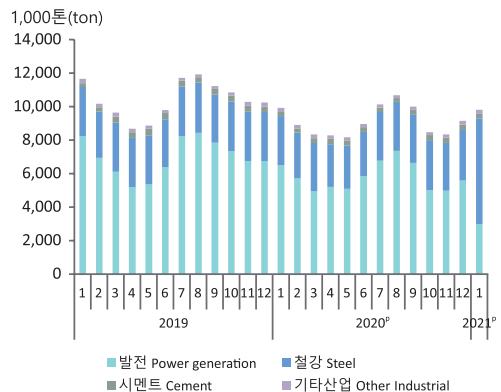


## ● 유연탄 소비 Bituminous Consumption

〈1990~2020〉



〈월별 Monthly〉



## 5.1 무연탄 수급

## Anthracite Supply and Demand

|                   |     | 생산         | 수입      | 소비          |          |          | 재고     |          |          |
|-------------------|-----|------------|---------|-------------|----------|----------|--------|----------|----------|
|                   |     |            |         | Consumption |          |          | Stock  |          |          |
|                   |     |            |         | 합계          | 국내탄      | 수입탄      | 합계     | 국내탄      | 수입탄      |
|                   |     | Production | Imports | Total       | Domestic | Imported | Total  | Domestic | Imported |
| 1,000 톤(Ton)      |     |            |         |             |          |          |        |          |          |
| 1990              |     | 17,217     | 1,072   | 21,091      | 19,802   | 1,289    | 8,013  | 6,514    | 1,499    |
| 1995              |     | 5,720      | 723     | 5,999       | 5,367    | 632      | 8,492  | 7,422    | 1,070    |
| 1996              |     | 4,951      | 875     | 5,312       | 4,406    | 906      | 8,937  | 7,898    | 1,039    |
| 1997              |     | 4,512      | 722     | 4,444       | 3,659    | 785      | 9,720  | 8,744    | 976      |
| 1998              |     | 4,361      | 789     | 4,650       | 3,812    | 838      | 10,269 | 9,342    | 927      |
| 1999              |     | 4,197      | 1,139   | 4,995       | 3,803    | 1,192    | 10,737 | 9,863    | 874      |
| 2000              |     | 4,150      | 2,038   | 6,200       | 4,159    | 2,041    | 10,774 | 9,903    | 871      |
| 2001              |     | 3,817      | 3,110   | 7,141       | 4,027    | 3,114    | 10,576 | 9,709    | 867      |
| 2002              |     | 3,318      | 3,879   | 7,735       | 3,808    | 3,927    | 10,101 | 9,282    | 819      |
| 2003              |     | 3,298      | 4,640   | 8,584       | 3,924    | 4,660    | 9,527  | 8,728    | 799      |
| 2004              |     | 3,191      | 4,251   | 8,249       | 3,871    | 4,378    | 8,894  | 8,222    | 672      |
| 2005              |     | 2,832      | 4,567   | 9,037       | 4,347    | 4,690    | 7,388  | 6,839    | 549      |
| 2006              |     | 2,824      | 5,113   | 9,769       | 4,596    | 5,173    | 5,551  | 5,062    | 489      |
| 2007              |     | 2,886      | 5,444   | 9,690       | 4,035    | 5,655    | 4,231  | 3,953    | 278      |
| 2008              |     | 2,773      | 5,955   | 10,247      | 4,134    | 6,113    | 2,797  | 2,677    | 120      |
| 2009              |     | 2,519      | 6,468   | 9,585       | 3,114    | 6,472    | 2,238  | 2,122    | 116      |
| 2010              |     | 2,084      | 7,406   | 9,956       | 2,508    | 7,448    | 1,853  | 1,779    | 74       |
| 2011              |     | 2,084      | 8,816   | 11,072      | 2,239    | 8,833    | 1,720  | 1,663    | 57       |
| 2012              |     | 2,094      | 8,055   | 10,315      | 2,288    | 8,027    | 1,787  | 1,702    | 85       |
| 2013              |     | 1,815      | 8,482   | 10,506      | 2,054    | 8,452    | 1,457  | 1,342    | 115      |
| 2014              |     | 1,748      | 8,294   | 9,925       | 1,642    | 8,283    | 1,610  | 1,484    | 126      |
| 2015              |     | 1,764      | 8,938   | 10,539      | 1,541    | 8,997    | 1,798  | 1,731    | 67       |
| 2016              |     | 1,726      | 9,424   | 10,801      | 1,373    | 9,428    | 2,151  | 2,088    | 63       |
| 2017              |     | 1,485      | 7,003   | 8,260       | 1,244    | 7,016    | 2,441  | 2,391    | 50       |
| 2018              |     | 1,200      | 8,201   | 9,272       | 1,099    | 8,173    | 2,589  | 2,511    | 78       |
| 2019              |     | 1,084      | 6,858   | 7,923       | 1,008    | 6,915    | 2,650  | 2,629    | 21       |
| 2020 <sup>p</sup> |     | 1,019      | 6,259   | 7,162       | 886      | 6,276    | 2,772  | 2,768    | 4        |
| 2019              | 1   | 100        | 538     | 689         | 121      | 568      | 2,556  | 2,508    | 48       |
|                   | 2   | 81         | 782     | 871         | 89       | 782      | 2,556  | 2,508    | 48       |
|                   | 3   | 89         | 643     | 722         | 77       | 645      | 2,546  | 2,500    | 46       |
|                   | 4   | 104        | 537     | 600         | 57       | 543      | 2,608  | 2,568    | 40       |
|                   | 5   | 92         | 607     | 630         | 22       | 608      | 2,668  | 2,629    | 39       |
|                   | 6   | 85         | 612     | 668         | 56       | 613      | 2,717  | 2,679    | 38       |
|                   | 7   | 86         | 604     | 644         | 39       | 605      | 2,759  | 2,722    | 37       |
|                   | 8   | 85         | 728     | 775         | 46       | 729      | 2,795  | 2,759    | 36       |
|                   | 9   | 89         | 206     | 289         | 81       | 208      | 2,807  | 2,773    | 34       |
|                   | 10  | 87         | 594     | 734         | 136      | 598      | 2,739  | 2,709    | 30       |
|                   | 11  | 96         | 440     | 609         | 164      | 445      | 2,681  | 2,656    | 25       |
|                   | 12  | 90         | 568     | 692         | 120      | 572      | 2,650  | 2,629    | 21       |
| 2020 <sup>p</sup> | 1   | 80         | 653     | 744         | 88       | 656      | 2,624  | 2,606    | 18       |
|                   | 2   | 90         | 291     | 372         | 79       | 293      | 2,629  | 2,613    | 16       |
|                   | 3   | 99         | 477     | 530         | 50       | 480      | 2,677  | 2,664    | 13       |
|                   | 4   | 91         | 570     | 624         | 49       | 575      | 2,729  | 2,721    | 8        |
|                   | 5   | 81         | 405     | 440         | 34       | 406      | 2,768  | 2,761    | 7        |
|                   | 6   | 92         | 534     | 596         | 61       | 535      | 2,790  | 2,784    | 6        |
|                   | 7   | 86         | 527     | 592         | 64       | 528      | 2,826  | 2,821    | 5        |
|                   | 8   | 68         | 605     | 652         | 46       | 606      | 2,854  | 2,850    | 4        |
|                   | 9   | 86         | 582     | 626         | 45       | 582      | 2,896  | 2,892    | 4        |
|                   | 10  | 78         | 423     | 525         | 102      | 423      | 2,887  | 2,883    | 4        |
|                   | 11  | 86         | 442     | 567         | 125      | 442      | 2,817  | 2,813    | 4        |
|                   | 12  | 82         | 751     | 895         | 144      | 751      | 2,772  | 2,768    | 4        |
| 2021 <sup>p</sup> | 1   | 77         | 639     | 734         | 95       | 639      | 2,752  | 2,748    | 4        |
| 2020 <sup>p</sup> | 1-1 | 80         | 653     | 744         | 88       | 656      | 2,624  | 2,606    | 18       |
| 2021 <sup>p</sup> | 1-1 | 77         | 639     | 734         | 95       | 639      | 2,752  | 2,748    | 4        |

자료: 한국무역협회, 대한석탄협회

Source: Korea International Trade Association, Korea Coal Association.

## 5.2 부문별 무연탄 소비

## Anthracite Consumption by Sector

|                       |    | 합계           | 발전               |          |          | 산업용        | 가정·상업                  |          |          |
|-----------------------|----|--------------|------------------|----------|----------|------------|------------------------|----------|----------|
|                       |    |              | Power generation |          |          |            | Residential/Commercial |          |          |
|                       |    | Total        | 소계               | 국내탄      | 수입탄      | Industrial | 소계 <sup>1</sup>        | 국내탄      | 수입탄      |
|                       |    |              | Subtotal         | Domestic | Imported |            | Subtotal <sup>1</sup>  | Domestic | Imported |
|                       |    | 1,000 톤(Ton) |                  |          |          |            |                        |          |          |
| 1990                  |    | 21,091       | 1,983            | 1,983    | -        | 283        | 18,825                 | 17,602   | 1,177    |
| 1995                  |    | 5,999        | 2,400            | 2,321    | 79       | 594        | 3,005                  | 2,987    | 18       |
| 1996                  |    | 5,312        | 2,507            | 2,421    | 86       | 844        | 1,961                  | 1,957    | 4        |
| 1997                  |    | 4,444        | 2,302            | 2,241    | 61       | 753        | 1,389                  | 1,389    | -        |
| 1998                  |    | 4,650        | 2,451            | 2,421    | 30       | 970        | 1,229                  | 1,229    | -        |
| 1999                  |    | 4,995        | 2,552            | 2,502    | 50       | 1,326      | 1,117                  | 1,117    | -        |
| 2000                  |    | 6,200        | 2,850            | 2,850    | -        | 2,158      | 1,192                  | 1,192    | -        |
| 2001                  |    | 7,141        | 2,689            | 2,689    | -        | 3,221      | 1,230                  | 1,230    | -        |
| 2002                  |    | 7,735        | 2,558            | 2,558    | -        | 4,002      | 1,175                  | 1,175    | -        |
| 2003                  |    | 8,584        | 2,710            | 2,710    | -        | 4,683      | 1,191                  | 1,174    | 17       |
| 2004                  |    | 8,249        | 2,356            | 2,356    | -        | 4,508      | 1,385                  | 1,370    | 15       |
| 2005                  |    | 9,037        | 2,354            | 2,354    | -        | 4,673      | 2,010                  | 1,959    | 51       |
| 2006                  |    | 9,769        | 2,356            | 2,356    | -        | 5,086      | 2,327                  | 2,224    | 103      |
| 2007                  |    | 9,690        | 2,450            | 2,156    | 294      | 5,149      | 2,091                  | 1,872    | 219      |
| 2008                  |    | 10,247       | 2,539            | 1,960    | 579      | 5,419      | 2,289                  | 2,163    | 126      |
| 2009                  |    | 9,585        | 2,690            | 1,360    | 1,330    | 4,954      | 1,941                  | 1,746    | 195      |
| 2010                  |    | 9,956        | 2,404            | 839      | 1,565    | 5,693      | 1,859                  | 1,669    | 190      |
| 2011                  |    | 11,072       | 1,659            | 543      | 1,116    | 7,592      | 1,822                  | 1,696    | 126      |
| 2012                  |    | 10,315       | 1,797            | 591      | 1,206    | 6,685      | 1,833                  | 1,697    | 136      |
| 2013                  |    | 10,506       | 1,729            | 323      | 1,406    | 6,861      | 1,917                  | 1,731    | 186      |
| 2014                  |    | 9,925        | 2,044            | 250      | 1,794    | 6,251      | 1,629                  | 1,392    | 237      |
| 2015                  |    | 10,539       | 2,125            | 245      | 1,880    | 6,940      | 1,473                  | 1,296    | 177      |
| 2016                  |    | 10,801       | 2,528            | 240      | 2,288    | 7,017      | 1,255                  | 1,133    | 122      |
| 2017                  |    | 8,260        | 1,079            | 235      | 844      | 6,103      | 1,079                  | 1,009    | 70       |
| 2018                  |    | 9,272        | 992              | 230      | 762      | 7,370      | 910                    | 869      | 41       |
| 2019                  |    | 7,923        | 1,165            | 400      | 765      | 6,115      | 644                    | 608      | 36       |
| 2020 <sup>p</sup>     |    | 7,162        | 971              | 393      | 578      | 5,681      | 510                    | 493      | 17       |
| 2019                  | 1  | 689          | 119              | 30       | 89       | 474        | 96                     | 91       | 5        |
|                       | 2  | 871          | 112              | 35       | 77       | 702        | 57                     | 54       | 3        |
|                       | 3  | 722          | 102              | 41       | 61       | 581        | 39                     | 36       | 3        |
|                       | 4  | 600          | 88               | 35       | 53       | 484        | 28                     | 22       | 6        |
|                       | 5  | 630          | 75               | 10       | 65       | 542        | 13                     | 12       | 1        |
|                       | 6  | 668          | 102              | 49       | 52       | 559        | 8                      | 7        | 1        |
|                       | 7  | 644          | 127              | 33       | 94       | 510        | 7                      | 6        | 1        |
|                       | 8  | 775          | 122              | 35       | 86       | 641        | 12                     | 11       | 1        |
|                       | 9  | 289          | 79               | 33       | 46       | 160        | 50                     | 48       | 2        |
|                       | 10 | 734          | 59               | 33       | 26       | 568        | 107                    | 103      | 4        |
|                       | 11 | 609          | 82               | 33       | 49       | 391        | 136                    | 131      | 5        |
|                       | 12 | 692          | 100              | 33       | 67       | 501        | 91                     | 87       | 4        |
| 2020 <sup>p</sup>     | 1  | 744          | 109              | 33       | 76       | 577        | 58                     | 55       | 3        |
|                       | 2  | 372          | 97               | 33       | 64       | 226        | 48                     | 46       | 2        |
|                       | 3  | 530          | 51               | 15       | 36       | 441        | 38                     | 35       | 3        |
|                       | 4  | 624          | 58               | 28       | 30       | 539        | 26                     | 21       | 5        |
|                       | 5  | 440          | 95               | 24       | 71       | 334        | 11                     | 10       | 1        |
|                       | 6  | 596          | 118              | 55       | 63       | 470        | 7                      | 6        | 1        |
|                       | 7  | 592          | 123              | 60       | 63       | 464        | 5                      | 4        | 1        |
|                       | 8  | 652          | 71               | 41       | 30       | 575        | 6                      | 5        | 1        |
|                       | 9  | 626          | 9                | 9        | 0        | 582        | 36                     | 36       | -        |
|                       | 10 | 525          | 7                | 7        | 0        | 423        | 95                     | 95       | -        |
|                       | 11 | 567          | 122              | 40       | 82       | 360        | 85                     | 85       | -        |
|                       | 12 | 895          | 110              | 49       | 61       | 690        | 95                     | 95       | -        |
| 2021 <sup>p</sup>     | 1  | 734          | 108              | 40       | 68       | 571        | 55                     | 55       | -        |
| 2020 <sup>p</sup> 1-1 |    | 744          | 109              | 33       | 76       | 577        | 58                     | 55       | 3        |
| 2021 <sup>p</sup> 1-1 |    | 734          | 108              | 40       | 68       | 571        | 55                     | 55       | -        |

1. 공공기타 소비량 포함  
자료: 대한석탄협회

1. Subtotal of Residential/Commercial includes Others  
Source: Korea Coal Association.

## 5.3 유연탄 수급

## Bituminous Coal Supply and Demand

|                   |     | 수입<br>Imports |                    |                   | 소비<br>Consumption |                    |                   |
|-------------------|-----|---------------|--------------------|-------------------|-------------------|--------------------|-------------------|
|                   |     | 합계<br>Total   | 원료탄<br>Coking coal | 연료탄<br>Steam coal | 합계<br>Total       | 원료탄<br>Coking coal | 연료탄<br>Steam coal |
|                   |     | 1,000 톤(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              |     | 132,667       | 34,933             | 97,734            | 125,084           | 34,959             | 90,125            |
| 2020 <sup>p</sup> |     | 115,486       | 33,671             | 81,815            | 109,382           | 33,797             | 75,585            |
| 2019              | 1   | 11,638        | 2,834              | 8,804             | 11,666            | 2,911              | 8,754             |
|                   | 2   | 10,714        | 2,396              | 8,318             | 10,175            | 2,748              | 7,427             |
|                   | 3   | 9,397         | 3,344              | 6,053             | 9,637             | 2,934              | 6,703             |
|                   | 4   | 10,089        | 3,006              | 7,083             | 8,685             | 2,928              | 5,757             |
|                   | 5   | 10,580        | 3,350              | 7,230             | 8,865             | 2,909              | 5,956             |
|                   | 6   | 9,445         | 2,778              | 6,667             | 9,801             | 2,866              | 6,936             |
|                   | 7   | 12,047        | 2,806              | 9,241             | 11,710            | 2,959              | 8,751             |
|                   | 8   | 12,643        | 3,377              | 9,266             | 11,924            | 3,003              | 8,921             |
|                   | 9   | 11,035        | 2,351              | 8,684             | 11,233            | 2,867              | 8,367             |
|                   | 10  | 12,392        | 2,957              | 9,435             | 10,855            | 2,959              | 7,896             |
|                   | 11  | 11,074        | 3,178              | 7,896             | 10,289            | 2,943              | 7,346             |
|                   | 12  | 11,613        | 2,556              | 9,057             | 10,244            | 2,933              | 7,310             |
| 2020 <sup>p</sup> | 1   | 10,305        | 3,079              | 7,226             | 9,932             | 2,908              | 7,024             |
|                   | 2   | 8,384         | 2,438              | 5,946             | 8,906             | 2,723              | 6,183             |
|                   | 3   | 8,574         | 3,032              | 5,542             | 8,340             | 2,882              | 5,458             |
|                   | 4   | 9,926         | 3,049              | 6,877             | 8,278             | 2,544              | 5,734             |
|                   | 5   | 9,098         | 2,783              | 6,315             | 8,168             | 2,574              | 5,594             |
|                   | 6   | 9,186         | 2,333              | 6,853             | 8,955             | 2,628              | 6,327             |
|                   | 7   | 10,743        | 2,444              | 8,299             | 10,139            | 2,898              | 7,241             |
|                   | 8   | 9,212         | 2,591              | 6,621             | 10,687            | 2,934              | 7,753             |
|                   | 9   | 10,976        | 2,598              | 8,378             | 10,003            | 2,858              | 7,145             |
|                   | 10  | 9,460         | 3,254              | 6,206             | 8,482             | 2,977              | 5,505             |
|                   | 11  | 9,391         | 3,131              | 6,260             | 8,340             | 2,845              | 5,495             |
|                   | 12  | 10,231        | 2,939              | 7,292             | 9,152             | 3,026              | 6,126             |
| 2021 <sup>p</sup> | 1   | 8,763         | 3,228              | 5,535             | 9,808             | 2,977              | 6,831             |
| 2020 <sup>p</sup> | 1-1 | 10,305        | 3,079              | 7,226             | 9,932             | 2,908              | 7,024             |
| 2021 <sup>p</sup> | 1-1 | 8,763         | 3,228              | 5,535             | 9,808             | 2,977              | 6,831             |

자료 : 대한석탄협회

Source: Source: Korea Coal Association.

## 5.4 용도별 유연탄 소비

## Bituminous Coal Consumption by Sector

|                   |     | 합계<br>Total  | 발전<br>Power generation | 철강<br>Steel | 시멘트<br>Cement | 기타산업<br>Other industrial |
|-------------------|-----|--------------|------------------------|-------------|---------------|--------------------------|
|                   |     | 1,000 톤(Ton) |                        |             |               |                          |
| 1990              |     | 21,878       | 5,724                  | 11,739      | 3,534         | 882                      |
| 1995              |     | 37,426       | 13,752                 | 16,372      | 5,590         | 1,965                    |
| 1996              |     | 44,809       | 19,019                 | 17,303      | 5,758         | 2,729                    |
| 1997              |     | 49,712       | 22,714                 | 18,178      | 6,593         | 2,227                    |
| 1998              |     | 51,261       | 25,682                 | 18,329      | 5,019         | 2,231                    |
| 1999              |     | 54,137       | 28,297                 | 18,442      | 5,069         | 2,330                    |
| 2000              |     | 60,346       | 33,305                 | 19,415      | 5,308         | 2,319                    |
| 2001              |     | 63,703       | 36,601                 | 19,315      | 5,475         | 2,312                    |
| 2002              |     | 68,274       | 40,143                 | 20,097      | 5,669         | 2,365                    |
| 2003              |     | 70,549       | 41,631                 | 20,509      | 6,060         | 2,349                    |
| 2004              |     | 73,984       | 45,512                 | 20,839      | 5,309         | 2,324                    |
| 2005              |     | 75,796       | 47,852                 | 20,810      | 4,807         | 2,327                    |
| 2006              |     | 78,001       | 50,199                 | 20,731      | 4,738         | 2,333                    |
| 2007              |     | 84,438       | 55,487                 | 21,519      | 5,051         | 2,381                    |
| 2008              |     | 94,013       | 62,791                 | 23,568      | 5,236         | 2,418                    |
| 2009              |     | 98,789       | 71,091                 | 20,734      | 4,463         | 2,501                    |
| 2010              |     | 111,162      | 76,674                 | 27,210      | 4,564         | 2,714                    |
| 2011              |     | 119,870      | 80,393                 | 31,762      | 5,046         | 2,669                    |
| 2012              |     | 117,872      | 79,136                 | 31,487      | 4,625         | 2,624                    |
| 2013              |     | 119,078      | 79,692                 | 32,053      | 4,647         | 2,686                    |
| 2014              |     | 123,399      | 78,227                 | 37,611      | 4,916         | 2,645                    |
| 2015              |     | 124,547      | 80,354                 | 36,753      | 4,650         | 2,790                    |
| 2016              |     | 118,509      | 77,761                 | 33,460      | 4,591         | 2,696                    |
| 2017              |     | 131,490      | 88,309                 | 36,290      | 4,175         | 2,716                    |
| 2018              |     | 131,779      | 90,764                 | 34,619      | 3,709         | 2,687                    |
| 2019              |     | 125,084      | 83,637                 | 34,959      | 3,989         | 2,499                    |
| 2020 <sup>p</sup> |     | 109,382      | 69,772                 | 33,797      | 3,404         | 2,410                    |
| 2019              | 1   | 11,666       | 8,256                  | 2,911       | 237           | 261                      |
|                   | 2   | 10,175       | 6,952                  | 2,748       | 259           | 216                      |
|                   | 3   | 9,637        | 6,123                  | 2,934       | 336           | 245                      |
|                   | 4   | 8,685        | 5,199                  | 2,928       | 347           | 212                      |
|                   | 5   | 8,865        | 5,358                  | 2,909       | 406           | 192                      |
|                   | 6   | 9,801        | 6,386                  | 2,866       | 376           | 174                      |
|                   | 7   | 11,710       | 8,247                  | 2,959       | 335           | 168                      |
|                   | 8   | 11,924       | 8,430                  | 3,003       | 316           | 175                      |
|                   | 9   | 11,233       | 7,856                  | 2,867       | 330           | 182                      |
|                   | 10  | 10,855       | 7,339                  | 2,959       | 356           | 202                      |
|                   | 11  | 10,289       | 6,749                  | 2,943       | 374           | 223                      |
|                   | 12  | 10,244       | 6,743                  | 2,933       | 318           | 250                      |
| 2020 <sup>p</sup> | 1   | 9,932        | 6,520                  | 2,908       | 261           | 243                      |
|                   | 2   | 8,906        | 5,728                  | 2,723       | 238           | 217                      |
|                   | 3   | 8,340        | 4,955                  | 2,882       | 284           | 220                      |
|                   | 4   | 8,278        | 5,214                  | 2,544       | 327           | 193                      |
|                   | 5   | 8,168        | 5,106                  | 2,574       | 299           | 189                      |
|                   | 6   | 8,955        | 5,860                  | 2,628       | 282           | 185                      |
|                   | 7   | 10,139       | 6,779                  | 2,898       | 271           | 191                      |
|                   | 8   | 10,687       | 7,359                  | 2,934       | 210           | 184                      |
|                   | 9   | 10,003       | 6,653                  | 2,858       | 294           | 198                      |
|                   | 10  | 8,482        | 5,030                  | 2,977       | 303           | 172                      |
|                   | 11  | 8,340        | 4,986                  | 2,845       | 325           | 184                      |
|                   | 12  | 9,152        | 5,582                  | 3,026       | 310           | 234                      |
| 2021 <sup>p</sup> | 1   | 9,808        | 6,325                  | 2,977       | 266           | 240                      |
| 2020 <sup>p</sup> | 1-1 | 9,932        | 6,520                  | 2,908       | 261           | 243                      |
| 2021 <sup>p</sup> | 1-1 | 9,808        | 6,325                  | 2,977       | 266           | 240                      |

자료 : 대한석탄협회

Source: Korea Coal Association.



## 6. 전력·열

### Electricity and Heat

#### 6.1 발전 현황

Power Generation

#### 6.2 발전 설비 현황

Generating Facilities

#### 6.3 발전 설비별 발전량

Power Generation by Generating Facility

#### 6.4 종별 고객호수 및 판매량

Customers and Sales Volume by Type

#### 6.5 부문별 전력 소비

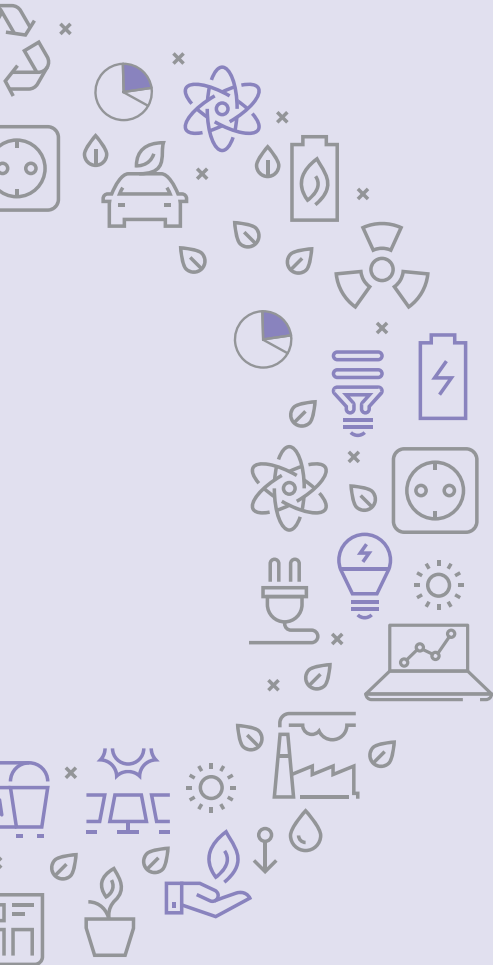
Electricity Consumption by Sector

#### 6.6 발전연료 소비

Fuel Consumption of Power Generation

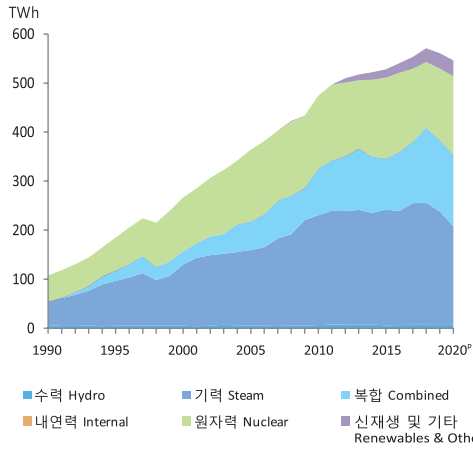
#### 6.7 지역난방 수급

District Heating Supply and Demand

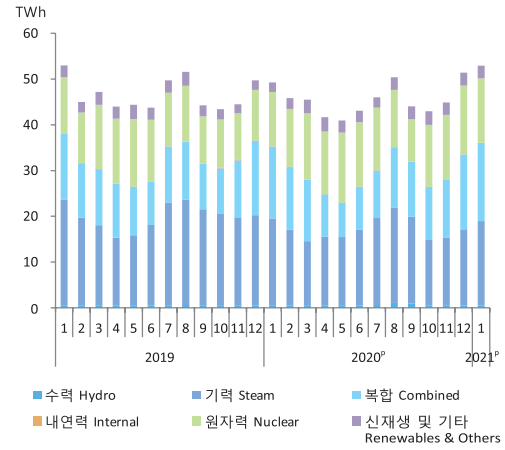


## ● 발전 설비별 발전량 Power Generation by Generating Facility

〈1990~2020<sup>o</sup>〉

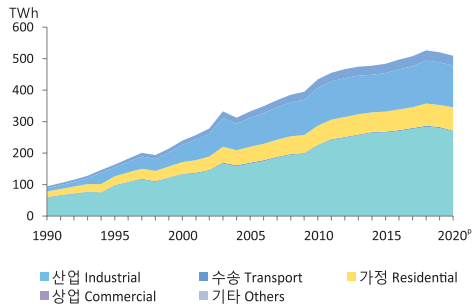


〈월별 Monthly〉

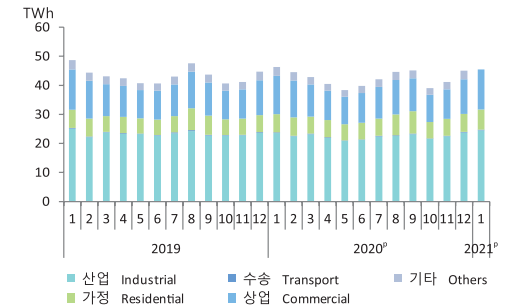


## ● 부문별 전력 소비 Electricity Consumption by Sector

〈1990~2020<sup>o</sup>〉

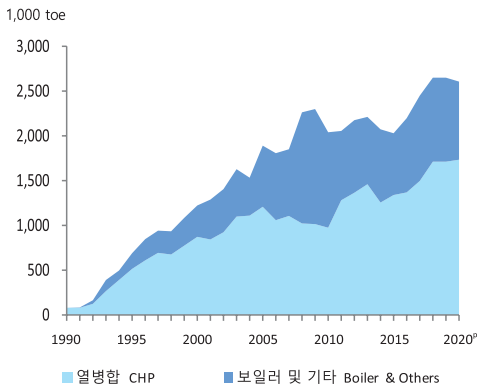


〈월별 Monthly〉



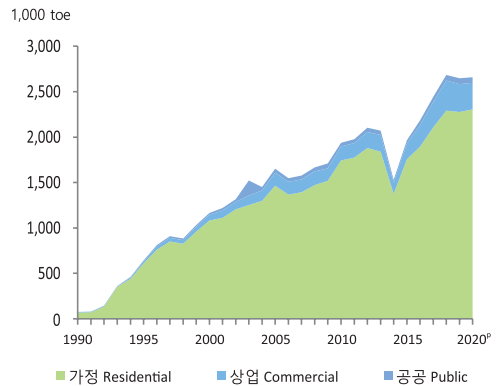
## ● 지역난방 생산 District Heating Production

〈1990~2020<sup>o</sup>〉



## ● 지역난방 소비 District Heating Consumption

〈1990~2020<sup>o</sup>〉



## 6.1 발전 현황

## Power Generation

|                   |     | 총발전량<br>Total power<br>generation<br>amount | 설비용량<br>Power plant<br>capacity | 공급능력<br>Supply capability | 최대전력 <sup>1</sup><br>Peak load <sup>1</sup> | 평균전력<br>Average load | 공급예비율<br>Supplied<br>reserve ratio | 평균부하율<br>Average load<br>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                                      | 65,142               | 7.7                                | 70.4                            |
| 2019              |     | 563,040                                     | 125,338                         | 96,389                    | 90,314                                      | 64,274               | 6.7                                | 71.2                            |
| 2020 <sup>p</sup> |     | 552,165                                     | 127,819                         | 97,951                    | 89,091                                      | 62,860               | 9.9                                | 70.6                            |
| 2019              | 1   | 52,904                                      | 119,350                         | 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                                      | 119,826                         | 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                                      | 121,147                         | 90,520                    | 75,206                                      | 60,824               | 20.4                               | 80.9                            |
|                   | 7   | 49,740                                      | 121,147                         | 95,593                    | 84,164                                      | 66,854               | 13.6                               | 79.4                            |
|                   | 8   | 51,642                                      | 122,973                         | 96,389                    | 90,314                                      | 69,411               | 6.7                                | 76.9                            |
|                   | 9   | 44,462                                      | 122,490                         | 96,032                    | 79,916                                      | 61,753               | 20.2                               | 77.3                            |
|                   | 10  | 44,630                                      | 124,023                         | 83,471                    | 73,550                                      | 59,986               | 13.5                               | 81.6                            |
|                   | 11  | 45,165                                      | 124,392                         | 87,377                    | 74,393                                      | 62,729               | 17.5                               | 84.3                            |
|                   | 12  | 50,283                                      | 125,338                         | 92,934                    | 81,787                                      | 67,585               | 13.6                               | 82.6                            |
| 2020 <sup>p</sup> | 1   | 49,871                                      | 125,358                         | 94,735                    | 82,352                                      | 67,031               | 15.0                               | 81.4                            |
|                   | 2   | 46,439                                      | 125,358                         | 97,069                    | 81,493                                      | 66,723               | 19.1                               | 81.9                            |
|                   | 3   | 46,141                                      | 125,887                         | 90,877                    | 73,329                                      | 62,018               | 23.9                               | 84.6                            |
|                   | 4   | 42,252                                      | 126,262                         | 83,368                    | 66,699                                      | 58,683               | 25.0                               | 88.0                            |
|                   | 5   | 41,578                                      | 126,887                         | 88,211                    | 65,700                                      | 55,884               | 34.3                               | 85.1                            |
|                   | 6   | 43,825                                      | 126,798                         | 91,889                    | 75,347                                      | 60,868               | 22.0                               | 80.8                            |
|                   | 7   | 46,680                                      | 127,338                         | 97,338                    | 75,675                                      | 62,742               | 28.6                               | 82.9                            |
|                   | 8   | 51,046                                      | 127,819                         | 97,951                    | 89,091                                      | 68,611               | 9.9                                | 77.0                            |
|                   | 9   | 44,588                                      | 128,078                         | 96,797                    | 82,036                                      | 61,928               | 18.0                               | 75.5                            |
|                   | 10  | 43,159                                      | 127,762                         | 85,999                    | 68,454                                      | 58,010               | 25.6                               | 84.7                            |
|                   | 11  | 44,976                                      | 128,609                         | 96,827                    | 77,074                                      | 62,466               | 25.6                               | 81.0                            |
|                   | 12  | 51,610                                      | 128,609                         | 98,795                    | 85,132                                      | 69,369               | 16.0                               | 81.5                            |
| 2021 <sup>p</sup> | 1   | 53,156                                      | 128,209                         | 99,189                    | 90,564                                      | 71,446               | 9.5                                | 78.9                            |
| 2020 <sup>p</sup> | 1-1 | 49,871                                      | 125,358                         | 94,735                    | 82,352                                      | 67,031               | 15.0                               | 81.4                            |
| 2021 <sup>p</sup> | 1-1 | 53,156                                      | 128,209                         | 99,189                    | 90,564                                      | 71,446               | 9.5                                | 78.9                            |

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

|                   |     | 합계<br>Total | 수력<br>Hydro | 기력<br>Steam | 복합<br>Combined | 내연력<br>Internal | 원자력<br>Nuclear | 신재생<br>Renewables | 기타 <sup>1</sup><br>Others <sup>1</sup> |
|-------------------|-----|-------------|-------------|-------------|----------------|-----------------|----------------|-------------------|--|
|                   |     | 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         | 156               | -                                      |
| 2006              |     | 65,514      | 5,485       | 26,013      | 16,004         | 297             | 17,716         | 240               | -                                      |
| 2007              |     | 68,268      | 5,492       | 27,734      | 17,023         | 303             | 17,716         | 374               | -                                      |
| 2008              |     | 72,491      | 5,505       | 31,919      | 17,044         | 307             | 17,716         | 728               | -                                      |
| 2009              |     | 73,470      | 5,515       | 32,317      | 17,575         | 347             | 17,716         | 1,168             | -                                      |
| 2010              |     | 76,078      | 5,525       | 33,386      | 19,100         | 351             | 17,716         | 2,237             | -                                      |
| 2011              |     | 79,342      | 6,418       | 34,053      | 19,799         | 355             | 18,716         | 1,859             | -                                      |
| 2012              |     | 81,806      | 6,446       | 32,139      | 19,799         | 367             | 20,716         | 2,483             | -                                      |
| 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              |     | 125,338     | 6,508       | 40,059      | 40,019         | 341             | 23,250         | 14,250            | 912                                    |
| 2020 <sup>p</sup> |     | 129,191     | 6,506       | 38,821      | 40,186         | 176             | 23,250         | 19,685            | 109                                    |
| 2019              | 1   | 119,350     | 6,493       | 40,469      | 38,413         | 339             | 21,850         | 10,777            | 1,372                                  |
|                   | 2   | 119,350     | 6,493       | 40,469      | 38,413         | 339             | 21,850         | 10,777            | 1,372                                  |
|                   | 3   | 119,826     | 6,493       | 40,294      | 38,413         | 339             | 21,850         | 11,253            | 1,372                                  |
|                   | 4   | 119,826     | 6,496       | 40,059      | 38,396         | 339             | 21,850         | 11,253            | 1,372                                  |
|                   | 5   | 119,826     | 6,496       | 40,059      | 38,396         | 339             | 21,850         | 11,253            | 1,372                                  |
|                   | 6   | 121,147     | 6,499       | 40,059      | 38,766         | 339             | 21,850         | 12,197            | 1,377                                  |
|                   | 7   | 121,147     | 6,499       | 40,059      | 38,766         | 339             | 21,850         | 12,197            | 1,377                                  |
|                   | 8   | 122,973     | 6,499       | 40,059      | 38,766         | 339             | 23,250         | 12,623            | 1,377                                  |
|                   | 9   | 122,490     | 6,499       | 40,059      | 38,766         | 339             | 23,250         | 12,666            | 852                                    |
|                   | 10  | 124,023     | 6,499       | 40,059      | 39,629         | 339             | 23,250         | 13,335            | 852                                    |
|                   | 11  | 124,392     | 6,499       | 40,059      | 39,998         | 339             | 23,250         | 13,335            | 852                                    |
|                   | 12  | 125,338     | 6,508       | 40,059      | 40,019         | 341             | 23,250         | 14,250            | 852                                    |
| 2020 <sup>p</sup> | 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                                    |
|                   | 3   | 125,887     | 6,503       | 40,109      | 40,039         | 176             | 23,250         | 14,899            | 912                                    |
|                   | 4   | 126,262     | 6,503       | 40,109      | 40,039         | 176             | 23,250         | 15,273            | 912                                    |
|                   | 5   | 126,798     | 6,505       | 40,109      | 40,039         | 176             | 23,250         | 15,807            | 912                                    |
|                   | 6   | 127,338     | 6,505       | 40,109      | 40,039         | 176             | 23,250         | 16,347            | 912                                    |
|                   | 7   | 127,819     | 6,505       | 39,909      | 40,039         | 176             | 23,250         | 17,028            | 912                                    |
|                   | 8   | 128,078     | 6,506       | 39,909      | 40,039         | 176             | 23,250         | 17,287            | 912                                    |
|                   | 9   | 128,562     | 6,506       | 39,909      | 40,039         | 176             | 23,250         | 17,770            | 912                                    |
|                   | 10  | 128,197     | 6,505       | 39,909      | 40,039         | 176             | 23,250         | 18,206            | 112                                    |
|                   | 11  | 128,609     | 6,505       | 39,909      | 40,186         | 176             | 23,250         | 18,472            | 112                                    |
|                   | 12  | 129,191     | 6,506       | 39,909      | 40,186         | 176             | 23,250         | 19,056            | 109                                    |
| 2021 <sup>p</sup> | 1   | 128,820     | 6,506       | 38,821      | 40,186         | 176             | 23,250         | 19,685            | 197                                    |
| 2020 <sup>p</sup> | 1-1 | 125,358     | 6,503       | 40,109      | 40,039         | 176             | 23,250         | 14,369            | 912                                    |
| 2021 <sup>p</sup> | 1-1 | 128,820     | 6,506       | 38,821      | 40,186         | 176             | 23,250         | 19,685            | 197                                    |

1. 기타: 증류탑폐열, 여열회수, 천연가스압터빈, 부생가스 등

자료: 전력통계속보, 한국전력공사

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

Source : The Monthly Report on Major Electric Power Statistics, KEPCO

## 6.3 발전 설비별 발전량

## Power Generation by Generating Facility

|                   |     | 합계<br>Total | 수력<br>Hydro | 기력<br>Steam | 복합<br>Combined cycle | 내연력<br>Internal | 원자력<br>Nuclear | 신재생<br>Renewables | 기타 <sup>1</sup><br>Others <sup>1</sup> |
|-------------------|-----|-------------|-------------|-------------|----------------------|-----------------|----------------|-------------------|--|
|                   |     | 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              |     | 517,148     | 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              |     | 528,091     | 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              |     | 563,040     | 6,247       | 232,128     | 144,676              | 579             | 145,910        | 31,250            | 2,249                                  |
| 2020 <sup>p</sup> |     | 552,108     | 7,149       | 200,918     | 145,253              | 405             | 160,184        | 32,050            | 6,150                                  |
| 2019              | 1   | 52,904      | 544         | 23,144      | 14,466               | 44              | 12,256         | 2,535             | 12                                     |
|                   | 2   | 44,932      | 471         | 19,200      | 11,946               | 41              | 11,034         | 2,310             | 11                                     |
|                   | 3   | 47,209      | 451         | 17,611      | 12,225               | 42              | 14,034         | 2,830             | 1                                      |
|                   | 4   | 43,946      | 530         | 14,824      | 11,764               | 47              | 14,150         | 2,641             | 7                                      |
|                   | 5   | 44,334      | 540         | 15,296      | 10,644               | 33              | 14,771         | 3,080             | 10                                     |
|                   | 6   | 43,793      | 481         | 17,621      | 9,388                | 44              | 13,583         | 2,661             | 9                                      |
|                   | 7   | 49,740      | 567         | 22,375      | 12,333               | 52              | 11,678         | 2,725             | 8                                      |
|                   | 8   | 51,642      | 601         | 23,026      | 12,649               | 54              | 12,197         | 3,055             | 12                                     |
|                   | 9   | 44,462      | 566         | 20,993      | 9,952                | 39              | 10,321         | 2,419             | 12                                     |
|                   | 10  | 44,630      | 546         | 20,085      | 9,873                | 86              | 10,600         | 2,223             | 467                                    |
|                   | 11  | 45,165      | 451         | 19,157      | 12,644               | 62              | 10,228         | 1,954             | 447                                    |
|                   | 12  | 50,283      | 500         | 19,773      | 16,276               | 35              | 11,059         | 2,093             | 371                                    |
| 2020 <sup>p</sup> | 1   | 49,871      | 539         | 19,001      | 15,741               | 26              | 11,898         | 2,051             | 616                                    |
|                   | 2   | 46,439      | 528         | 16,545      | 13,698               | 23              | 12,690         | 2,338             | 616                                    |
|                   | 3   | 46,141      | 534         | 14,025      | 13,477               | 25              | 14,463         | 2,983             | 634                                    |
|                   | 4   | 42,252      | 511         | 15,001      | 9,287                | 30              | 13,689         | 3,163             | 571                                    |
|                   | 5   | 41,578      | 563         | 14,876      | 7,555                | 26              | 15,258         | 2,695             | 605                                    |
|                   | 6   | 43,825      | 513         | 16,520      | 9,439                | 36              | 14,069         | 2,488             | 761                                    |
|                   | 7   | 46,680      | 612         | 19,038      | 10,367               | 28              | 13,721         | 2,247             | 667                                    |
|                   | 8   | 51,046      | 1,074       | 20,850      | 13,146               | 39              | 12,526         | 2,765             | 645                                    |
|                   | 9   | 44,588      | 880         | 19,038      | 11,966               | 40              | 9,293          | 2,795             | 576                                    |
|                   | 10  | 43,159      | 474         | 14,512      | 11,483               | 37              | 13,468         | 2,987             | 199                                    |
|                   | 11  | 44,976      | 425         | 14,871      | 12,786               | 43              | 14,048         | 2,702             | 100                                    |
|                   | 12  | 51,610      | 496         | 16,631      | 16,382               | 52              | 15,060         | 2,810             | 180                                    |
| 2021 <sup>p</sup> | 1   | 53,156      | 517         | 18,409      | 17,152               | 54              | 14,042         | 2,780             | 201                                    |
| 2020 <sup>p</sup> | 1-1 | 49,871      | 539         | 19,001      | 15,741               | 26              | 11,898         | 2,051             | 616                                    |
| 2021 <sup>p</sup> | 1-1 | 53,156      | 517         | 18,409      | 17,152               | 54              | 14,042         | 2,780             | 201                                    |

1. 기타: 증류탑폐열, 여열회수, 천연가스압터빈, 부생가스 등

자료: 전력통계속보, 한국전력공사

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

Source: Monthly Report on Major Electric Power Statistics, KEPCO

## 6.4 종별 고객호수 및 판매량

## Customers and Sales Volume by Type

|                   |     | 고객호수<br>Customers |                    |                 | 판매량<br>Sales volume |                |                 |
|-------------------|-----|-------------------|--------------------|-----------------|---------------------|----------------|-----------------|
|                   |     | 합계<br>Total       | 저압(전등)<br>Lighting | 고압(동력)<br>Power | 합계<br>Total         | 저압<br>Lighting | 고압(동력)<br>Power |
|                   |     | 천호(Thousand each) |                    |                 | 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              |     | 23,860            | 23,294             | 566             | 520,499             | 112,889        | 407,610         |
| 2020 <sup>P</sup> |     | 24,198            | 23,594             | 604             | 509,270             | 111,663        | 397,607         |
| 2019              | 1   | 23,461            | 22,928             | 532             | 48,645              | 11,846         | 36,799          |
|                   | 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 <sup>P</sup> | 1   | 23,813            | 23,243             | 571             | 46,327              | 11,260         | 35,067          |
|                   | 2   | 23,832            | 23,258             | 574             | 44,499              | 11,036         | 33,463          |
|                   | 3   | 24,402            | 23,825             | 578             | 42,871              | 9,630          | 33,240          |
|                   | 4   | 23,979            | 23,397             | 582             | 40,475              | 8,944          | 31,531          |
|                   | 5   | 23,920            | 23,336             | 584             | 38,328              | 7,937          | 30,391          |
|                   | 6   | 23,957            | 23,370             | 586             | 39,753              | 8,084          | 31,669          |
|                   | 7   | 23,984            | 23,395             | 589             | 42,068              | 8,449          | 33,619          |
|                   | 8   | 24,024            | 23,432             | 591             | 44,599              | 9,598          | 35,002          |
|                   | 9   | 24,048            | 23,453             | 594             | 45,111              | 10,145         | 34,965          |
|                   | 10  | 24,065            | 23,468             | 597             | 39,065              | 7,761          | 31,305          |
|                   | 11  | 24,661            | 24,060             | 601             | 41,147              | 8,850          | 32,297          |
|                   | 12  | 24,198            | 23,594             | 604             | 45,027              | 9,969          | 35,059          |
| 2021 <sup>P</sup> | 1   | 24,159            | 23,551             | 608             | 48,756              | 11,964         | 36,791          |
| 2020 <sup>P</sup> | 1-1 | 23,813            | 23,243             | 571             | 46,327              | 11,260         | 35,067          |
| 2021 <sup>P</sup> | 1-1 | 24,159            | 23,551             | 608             | 48,756              | 11,964         | 36,791          |

자료: 전력통계속보, 한국전력공사

Source: Monthly Report on Major Electric Power Statistics, KEPCO

## 6.5 부문별 전력 소비

## Electricity Consumption by Sector

|                   |     | 합계<br>Total | 산업<br>Industrial | 수송<br>Transport | 가정<br>Residential | 상업<br>Commercial | 기타<br>Others |
|-------------------|-----|-------------|------------------|-----------------|-------------------|------------------|--------------|
|                   |     | GWh         |                  |                 |                   |                  |              |
| 1990              |     | 94,313      | 59,177           | 1,012           | 17,735            | 10,413           | 5,975        |
| 1995              |     | 163,270     | 96,436           | 1,607           | 28,303            | 27,524           | 9,401        |
| 1996              |     | 182,470     | 106,737          | 1,682           | 30,642            | 32,891           | 10,517       |
| 1997              |     | 200,784     | 116,383          | 1,761           | 32,515            | 38,301           | 11,824       |
| 1998              |     | 193,470     | 108,828          | 1,580           | 32,913            | 38,270           | 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              |     | 332,413     | 166,813          | 2,601           | 50,873            | 91,375           | 20,751       |
| 2004              |     | 312,096     | 158,337          | 2,475           | 48,615            | 83,389           | 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           | 21,725       |
| 2007              |     | 368,605     | 186,252          | 2,433           | 54,174            | 102,957          | 22,790       |
| 2008              |     | 385,070     | 194,630          | 2,277           | 56,228            | 108,229          | 23,706       |
| 2009              |     | 394,475     | 197,744          | 2,174           | 57,595            | 112,098          | 24,862       |
| 2010              |     | 434,163     | 223,171          | 2,191           | 61,194            | 120,619          | 26,988       |
| 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              |     | 474,849     | 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            | 136,418          | 32,371       |
| 2019              |     | 520,499     | 279,769          | 2,909           | 70,455            | 135,205          | 32,160       |
| 2020 <sup>p</sup> |     | 509,270     | 268,692          | 2,738           | 74,074            | 132,468          | 31,298       |
| 2019              | 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 <sup>p</sup> | 1   | 46,327      | 23,536           | 242             | 6,261             | 13,236           | 3,052        |
|                   | 2   | 44,499      | 22,438           | 231             | 6,273             | 12,740           | 2,817        |
|                   | 3   | 42,871      | 23,130           | 219             | 5,873             | 11,112           | 2,537        |
|                   | 4   | 40,475      | 21,882           | 221             | 5,928             | 10,130           | 2,314        |
|                   | 5   | 38,328      | 20,840           | 193             | 5,565             | 9,507            | 2,223        |
|                   | 6   | 39,753      | 21,155           | 218             | 5,758             | 10,223           | 2,399        |
|                   | 7   | 42,068      | 22,356           | 232             | 5,987             | 10,890           | 2,603        |
|                   | 8   | 44,599      | 22,533           | 256             | 7,171             | 11,853           | 2,785        |
|                   | 9   | 45,111      | 23,172           | 237             | 7,643             | 11,328           | 2,730        |
|                   | 10  | 39,065      | 21,521           | 209             | 5,599             | 9,391            | 2,346        |
|                   | 11  | 41,147      | 22,420           | 215             | 5,822             | 10,178           | 2,512        |
|                   | 12  | 45,027      | 23,710           | 265             | 6,194             | 11,879           | 2,979        |
| 2021 <sup>p</sup> | 1   | 48,756      | 24,495           | 215             | 6,940             | 13,803           | 3,303        |
| 2020 <sup>p</sup> | 1-1 | 46,327      | 23,536           | 242             | 6,261             | 13,236           | 3,052        |
| 2021 <sup>p</sup> | 1-1 | 48,756      | 24,495           | 215             | 6,940             | 13,803           | 3,303        |

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

Note: This includes the Kaesong Complex sales volume starting in May 2008.  
Source: Monthly Report on Major Electric Power Statistics, KEPCO

## 6.6 발전연료 소비

## Fuel Consumption of Power Generation

|                   |     | 석탄<br>Coal   |                   |                   | 석유<br>Petroleum |                |                  | 액화천연가스       |
|-------------------|-----|--------------|-------------------|-------------------|-----------------|----------------|------------------|--------------|
|                   |     | 합계<br>Total  | 무연탄<br>Anthracite | 유연탄<br>Bituminous | 합계<br>Total     | 중유<br>Fuel oil | 경유<br>Diesel oil |              |
|                   |     | 1,000 톤(Ton) |                   |                   | 1,000 kL        |                |                  | 1,000 톤(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            | 5,604           | 5,497          | 107              | 4,780        |
| 2002              |     | 43,088       | 2,751             | 40,311            | 4,805           | 4,528          | 277              | 5,969        |
| 2003              |     | 44,449       | 2,880             | 41,578            | 5,055           | 4,416          | 638              | 5,995        |
| 2004              |     | 47,927       | 2,412             | 45,515            | 4,340           | 4,200          | 139              | 8,221        |
| 2005              |     | 50,296       | 2,359             | 47,937            | 4,168           | 4,051          | 117              | 8,537        |
| 2006              |     | 52,605       | 2,345             | 50,258            | 3,789           | 3,633          | 156              | 9,466        |
| 2007              |     | 58,341       | 2,392             | 55,950            | 4,019           | 3,899          | 120              | 10,829       |
| 2008              |     | 65,781       | 2,534             | 63,238            | 2,142           | 2,035          | 107              | 10,515       |
| 2009              |     | 73,749       | 2,690             | 71,092            | 3,056           | 2,944          | 112              | 8,597        |
| 2010              |     | 78,805       | 2,404             | 76,403            | 2,824           | 2,711          | 114              | 12,914       |
| 2011              |     | 81,513       | 1,659             | 79,854            | 2,174           | 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              | 7,743        |
| 2018              |     | 90,541       | 992               | 89,549            | 1,228           | 1,013          | 215              | 9,051        |
| 2019              |     | 84,486       | 1,165             | 83,321            | 684             | 362            | 323              | 8,017        |
| 2020 <sup>p</sup> |     | 70,065       | 971               | 69,094            | 452             | 283            | 169              | 8,993        |
| 2019              | 1   | 8,375        | 119               | 8,256             | 75              | 61             | 15               | 936          |
|                   | 2   | 7,064        | 112               | 6,952             | 32              | 17             | 16               | 772          |
|                   | 3   | 6,225        | 102               | 6,123             | 148             | 118            | 30               | 783          |
|                   | 4   | 5,287        | 88                | 5,199             | 39              | 5              | 33               | 690          |
|                   | 5   | 5,414        | 75                | 5,339             | 40              | 4              | 36               | 639          |
|                   | 6   | 6,470        | 102               | 6,369             | 45              | 5              | 40               | 564          |
|                   | 7   | 8,374        | 127               | 8,247             | 57              | 17             | 39               | 723          |
|                   | 8   | 8,479        | 122               | 8,358             | 66              | 24             | 42               | 771          |
|                   | 9   | 7,865        | 79                | 7,787             | 28              | 5              | 24               | 569          |
|                   | 10  | 7,337        | 59                | 7,278             | 32              | 15             | 18               | 532          |
|                   | 11  | 6,802        | 82                | 6,720             | 30              | 12             | 18               | 816          |
|                   | 12  | 6,793        | 100               | 6,693             | 91              | 78             | 13               | 1,095        |
| 2020 <sup>p</sup> | 1   | 6,564        | 109               | 6,455             | 52              | 40             | 12               | 959          |
|                   | 2   | 5,759        | 97                | 5,662             | 18              | 6              | 12               | 825          |
|                   | 3   | 4,933        | 51                | 4,881             | 20              | 4              | 17               | 639          |
|                   | 4   | 5,200        | 58                | 5,142             | 17              | 5              | 12               | 546          |
|                   | 5   | 5,174        | 95                | 5,079             | 19              | 1              | 18               | 463          |
|                   | 6   | 5,979        | 118               | 5,860             | 22              | 3              | 19               | 610          |
|                   | 7   | 6,877        | 123               | 6,753             | 20              | 1              | 19               | 643          |
|                   | 8   | 7,360        | 71                | 7,289             | 44              | 31             | 12               | 907          |
|                   | 9   | 6,600        | 9                 | 6,591             | 78              | 67             | 11               | 859          |
|                   | 10  | 4,968        | 7                 | 4,961             | 25              | 12             | 12               | 722          |
|                   | 11  | 5,039        | 122               | 4,918             | 78              | 62             | 15               | 726          |
|                   | 12  | 5,613        | 110               | 5,503             | 60              | 50             | 9                | 1,094        |
| 2021 <sup>p</sup> | 1   | 6,327        | 108               | 6,220             | 57              | 44             | 13               | 1,158        |
| 2020 <sup>p</sup> | 1-1 | 6,564        | 109               | 6,455             | 52              | 40             | 12               | 959          |
| 2021 <sup>p</sup> | 1-1 | 6,327        | 108               | 6,220             | 57              | 44             | 13               | 1,158        |

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: Monthly Report on Major Electric Power Statistics, KEPCO



## 6.7 지역난방 수급

## District Heating Supply and Demand

|                   |     | 생산<br>Production |            |                             | 판매<br>Sales |                   |                  |              |
|-------------------|-----|------------------|------------|-----------------------------|-------------|-------------------|------------------|--------------|
|                   |     | 합계<br>Total      | 열병합<br>CHP | 보일러 및 기타<br>Boiler & Others | 합계<br>Total | 가정<br>Residential | 상업<br>Commercial | 공공<br>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            | 1,104      | 744                         | 1,576       | 1,391             | 142              | 43           |
| 2008              |     | 2,262            | 1,019      | 1,243                       | 1,668       | 1,472             | 150              | 45           |
| 2009              |     | 2,298            | 1,014      | 1,284                       | 1,709       | 1,519             | 137              | 52           |
| 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              |     | 2,647            | 1,711      | 936                         | 2,646       | 2,277             | 306              | 63           |
| 2020 <sup>P</sup> |     | 2,605            | 1,734      | 872                         | 2,657       | 2,303             | 296              | 58           |
| 2019              | 1   | 484              | 333        | 151                         | 505         | 446               | 48               | 11           |
|                   | 2   | 396              | 273        | 123                         | 411         | 365               | 38               | 8            |
|                   | 3   | 299              | 212        | 87                          | 305         | 274               | 25               | 6            |
|                   | 4   | 203              | 125        | 78                          | 202         | 183               | 15               | 4            |
|                   | 5   | 110              | 61         | 49                          | 102         | 87                | 13               | 2            |
|                   | 6   | 86               | 38         | 48                          | 75          | 55                | 17               | 3            |
|                   | 7   | 89               | 38         | 50                          | 75          | 45                | 26               | 4            |
|                   | 8   | 88               | 42         | 46                          | 73          | 38                | 31               | 4            |
|                   | 9   | 79               | 34         | 45                          | 68          | 47                | 18               | 3            |
|                   | 10  | 120              | 71         | 49                          | 112         | 100               | 11               | 2            |
|                   | 11  | 265              | 179        | 86                          | 271         | 243               | 22               | 6            |
|                   | 12  | 430              | 306        | 123                         | 447         | 395               | 42               | 10           |
| 2020 <sup>P</sup> | 1   | 420              | 303        | 117                         | 446         | 396               | 42               | 9            |
|                   | 2   | 371              | 265        | 106                         | 394         | 350               | 36               | 8            |
|                   | 3   | 290              | 207        | 83                          | 302         | 272               | 25               | 6            |
|                   | 4   | 202              | 142        | 60                          | 206         | 189               | 14               | 3            |
|                   | 5   | 115              | 71         | 43                          | 106         | 94                | 11               | 2            |
|                   | 6   | 84               | 38         | 46                          | 76          | 53                | 21               | 3            |
|                   | 7   | 85               | 39         | 46                          | 77          | 50                | 24               | 3            |
|                   | 8   | 92               | 46         | 46                          | 79          | 45                | 31               | 4            |
|                   | 9   | 83               | 37         | 45                          | 75          | 55                | 16               | 3            |
|                   | 10  | 146              | 90         | 56                          | 141         | 128               | 10               | 2            |
|                   | 11  | 251              | 178        | 73                          | 268         | 241               | 21               | 5            |
|                   | 12  | 468              | 317        | 151                         | 486         | 430               | 46               | 10           |
| 2021 <sup>P</sup> | 1   | 443              | 316        | 127                         | 468         | 414               | 44               | 10           |
| 2020 <sup>P</sup> | 1-1 | 420              | 303        | 117                         | 446         | 396               | 42               | 9            |
| 2021 <sup>P</sup> | 1-1 | 443              | 316        | 127                         | 468         | 414               | 44               | 10           |

주 1. 1998년 이전 자료는 한국지역난방공사, GS Power(주), 서울에너지공사 Note 1. The data before 1998 is the sum of Korea District Heating Corporation, GS Power, and Seoul Energy.

등 3개 열에너지 회사의 자료임.

2. 1998년 이후 자료는 집단에너지사업자조합의 지역난방 부문

결과에 3개 열에너지 회사의 월별, 부문별 비중을 적용하였음.

2. The data since 1998 is the district heating data of the

Survey for District Energy(KEA).

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

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



## 7. 에너지 가격

### Energy Prices

#### 7.1.1 원유 수입 가격

Crude Oil Import Prices

#### 7.1.2 주요 석유제품 수입 가격

Import Prices by Petroleum Product

#### 7.1.3 주요 석유제품 수출 가격

Export Prices by Petroleum Product

#### 7.1.4 정유사 판매 가격

Refiner Prices

#### 7.1.5 소비자 판매 가격

Consumer Prices

#### 7.2 석탄 및 전력 가격

Coal And Electricity Prices

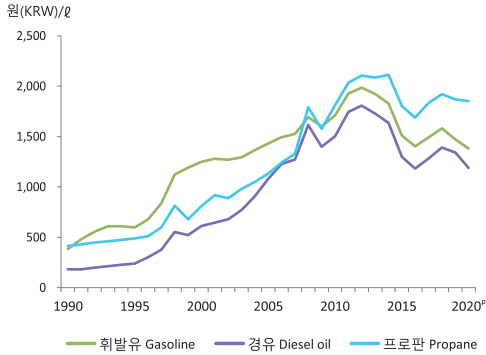
#### 7.3 LNG 수입가격 및 도시가스 가격

LNG Import Prices and City Gas Prices

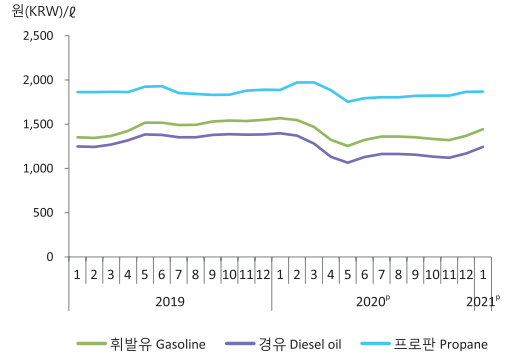


## ● 석유 소비자 가격 Consumer Prices by Petroleum Product

〈1990~2020<sup>o</sup>〉

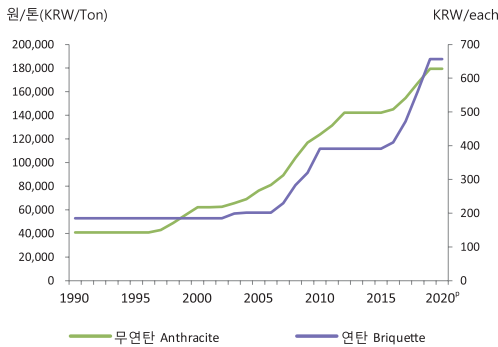


〈월별 Monthly〉



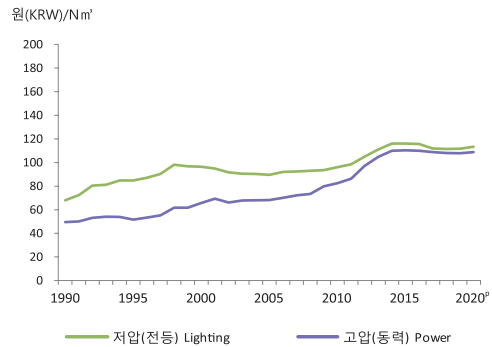
## ● 석탄 가격 Coal Prices

〈1990~2020<sup>o</sup>〉



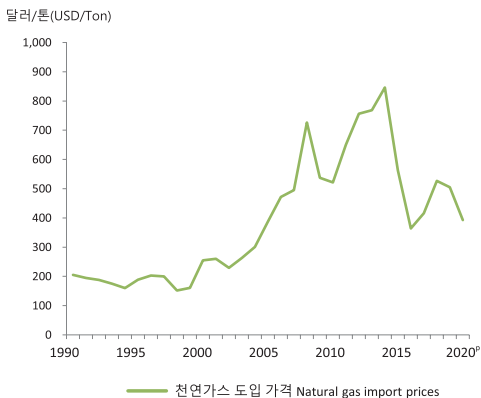
## ● 전력 가격 Electricity Prices

〈1990~2020<sup>o</sup>〉

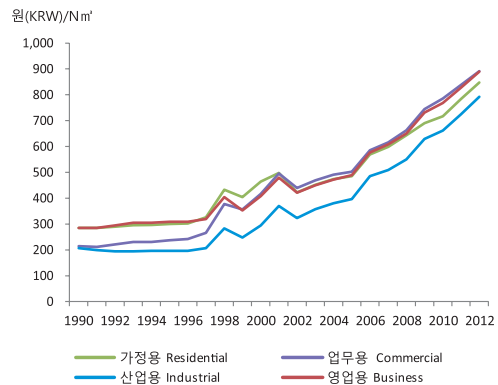


## ● 천연가스 도입 단가 Natural Gas Import Prices ● 도시가스 가격 City Gas Prices

〈1990~2020<sup>o</sup>〉



〈1990~2012〉



## 7.1.1 원유 수입 가격

## Crude Oil Import Prices

|                   |     | 평균<br>Average  | 중동<br>Middle East | 아시아<br>Asia | 아프리카<br>Africa | 아메리카<br>America | 유럽<br>Europe |
|-------------------|-----|----------------|-------------------|-------------|----------------|-----------------|--------------|
|                   |     | 달러/배럴(USD/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              |     | 65.5           | 65.7              | 65.8        | 66.9           | 64.2            | 67.9         |
| 2020 <sup>p</sup> |     | 45.3           | 44.1              | 46.7        | 52.2           | 48.8            | 42.4         |
| 2019              | 1   | 61.6           | 61.0              | 61.5        | 60.7           | 65.4            | -            |
|                   | 2   | 63.2           | 63.1              | 65.4        | 64.3           | 62.1            | -            |
|                   | 3   | 65.8           | 66.4              | 66.1        | 71.3           | 62.1            | -            |
|                   | 4   | 69.5           | 70.2              | 72.2        | 72.3           | 64.8            | -            |
|                   | 5   | 71.0           | 71.4              | 71.4        | 70.5           | 69.2            | 72.2         |
|                   | 6   | 67.9           | 67.6              | 69.3        | 70.4           | 67.8            | -            |
|                   | 7   | 65.5           | 65.6              | 65.5        | 68.9           | 64.7            | -            |
|                   | 8   | 64.4           | 64.5              | 64.3        | 66.2           | 63.4            | 65.7         |
|                   | 9   | 63.0           | 63.0              | 62.2        | 63.3           | 63.4            | -            |
|                   | 10  | 64.2           | 65.0              | 63.7        | 61.1           | 62.3            | -            |
|                   | 11  | 64.3           | 64.6              | 65.1        | 64.4           | 62.7            | -            |
|                   | 12  | 66.2           | 66.5              | 68.9        | 67.7           | 63.8            | 67.9         |
| 2020 <sup>p</sup> | 1   | 69.1           | 68.7              | 72.3        | 71.4           | 68.7            | -            |
|                   | 2   | 64.2           | 62.7              | 66.3        | 74.2           | 67.5            | 68.5         |
|                   | 3   | 52.8           | 49.1              | 49.0        | 62.3           | 62.5            | -            |
|                   | 4   | 34.1           | 29.6              | 31.1        | 38.5           | 47.7            | -            |
|                   | 5   | 26.2           | 24.6              | 29.8        | 30.0           | 31.9            | 24.8         |
|                   | 6   | 29.8           | 30.4              | 34.2        | 31.7           | 25.3            | 23.8         |
|                   | 7   | 39.2           | 39.6              | 41.0        | 44.5           | 35.2            | -            |
|                   | 8   | 44.7           | 44.8              | 45.5        | 45.9           | 41.0            | 46.7         |
|                   | 9   | 44.5           | 44.1              | 44.6        | 48.2           | 44.5            | 48.3         |
|                   | 10  | 43.4           | 42.7              | 42.6        | 44.8           | 45.3            | 44.3         |
|                   | 11  | 42.7           | 42.9              | 41.2        | 42.2           | 42.3            | 43.8         |
|                   | 12  | 46.7           | 47.3              | 46.4        | 47.7           | 43.3            | 50.6         |
| 2021 <sup>p</sup> | 1   | 52.7           | 53.6              | 54.0        | 54.0           | 48.6            | 52.4         |
| 2020 <sup>p</sup> | 1-1 | 69.1           | 68.7              | 72.3        | 71.4           | 68.7            | -            |
| 2021 <sup>p</sup> | 1-1 | 52.7           | 53.6              | 54.0        | 54.0           | 48.6            | 52.4         |

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 Product

|                   |     | 휘발유            | 경유         | 등유       | 중질중유     | 액화석유가스 | 나프타     |
|-------------------|-----|----------------|------------|----------|----------|--------|---------|
|                   |     | Gasoline       | Diesel oil | Kerosene | Bunker-C | LPG    | Naphtha |
|                   |     | 달러/배럴(USD/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     | 38.0     | 30.9   | 44.1    |
| 2017              |     | 66.4           | 68.8       | 62.8     | 54.6     | 41.1   | 54.2    |
| 2018              |     | 92.4           | 86.6       | 62.5     | 70.7     | 48.0   | 70.6    |
| 2019              |     | 100.0          | 80.0       | 82.9     | 66.7     | 37.5   | 58.5    |
| 2020 <sup>p</sup> |     | 505.7          | 39.0       | 37.8     | 50.9     | 32.6   | 45.3    |
| 2019              | 1   | -              | 74.7       | 83.5     | 62.4     | 38.8   | 55.2    |
|                   | 2   | -              | 74.7       | -        | 67.6     | 38.0   | 54.0    |
|                   | 3   | -              | 82.3       | -        | 73.2     | 40.4   | 58.2    |
|                   | 4   | 98.8           | 82.4       | -        | 69.6     | 42.4   | 62.3    |
|                   | 5   | -              | 87.1       | -        | 69.4     | 43.0   | 65.1    |
|                   | 6   | 537.2          | 86.5       | -        | 64.0     | 38.3   | 62.7    |
|                   | 7   | -              | 77.8       | -        | 70.7     | 34.9   | 55.7    |
|                   | 8   | -              | 77.6       | 82.1     | 66.9     | 34.4   | 57.3    |
|                   | 9   | -              | -          | -        | 64.8     | 33.2   | 53.0    |
|                   | 10  | -              | 78.9       | -        | 74.1     | 34.2   | 55.9    |
|                   | 11  | -              | 78.7       | -        | 60.7     | 35.8   | 59.5    |
|                   | 12  | 774.3          | 78.6       | -        | 62.8     | 39.5   | 62.0    |
| 2020 <sup>p</sup> | 1   | -              | -          | -        | 75.2     | 43.2   | 65.9    |
|                   | 2   | -              | -          | -        | 68.2     | 39.3   | 63.8    |
|                   | 3   | -              | -          | -        | 57.6     | 34.6   | 56.1    |
|                   | 4   | -              | -          | -        | 32.8     | 26.1   | 38.2    |
|                   | 5   | -              | 39.0       | 30.4     | 22.6     | 26.0   | 22.9    |
|                   | 6   | -              | 39.0       | 43.9     | 32.2     | 27.0   | 30.6    |
|                   | 7   | -              | -          | -        | 45.4     | 28.0   | 40.0    |
|                   | 8   | -              | -          | -        | 46.2     | 28.4   | 44.0    |
|                   | 9   | -              | -          | -        | 43.9     | 29.6   | 44.8    |
|                   | 10  | -              | 15,166.7   | -        | 43.4     | 31.4   | 45.0    |
|                   | 11  | -              | -          | -        | 44.4     | 33.6   | 43.6    |
|                   | 12  | 505.7          | -          | -        | 52.6     | 38.7   | 43.8    |
| 2021 <sup>p</sup> | 1   | -              | -          | -        | 57.3     | 47.0   | 51.9    |
| 2020 <sup>p</sup> | 1-1 | -              | -          | -        | 75.2     | 43.2   | 65.9    |
| 2021 <sup>p</sup> | 1-1 | -              | -          | -        | 57.3     | 47.0   | 51.9    |

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 Product

|                   |     | 휘발유<br>Gasoline | 경유<br>Diesel oil | 등유<br>Kerosene | 중질중유<br>Bunker-C | 액화석유가스<br>LPG | 나프타<br>Naphtha |
|-------------------|-----|-----------------|------------------|----------------|------------------|---------------|----------------|
|                   |     | 달러/배럴(USD/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              |     | 70.7            | 77.6             | 76.9           | 64.6             | 40.6          | 57.7           |
| 2020 <sup>P</sup> |     | 48.1            | 51.0             | 51.0           | 40.4             | 35.7          | 41.9           |
| 2019              | 1   | 60.8            | 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   | 78.7            | 81.9             | 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             | 76.2           | 54.2             | 40.0          | 61.8           |
|                   | 12  | 73.5            | 78.0             | 79.6           | 59.6             | 46.2          | 64.5           |
| 2020 <sup>P</sup> | 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           |
|                   | 3   | 39.0            | 47.6             | 41.8           | 39.3             | 30.9          | 36.7           |
|                   | 4   | 21.4            | 35.1             | 23.8           | 21.8             | 35.7          | 23.7           |
|                   | 5   | 30.6            | 37.8             | 30.6           | 31.0             | 31.9          | 27.3           |
|                   | 6   | 41.6            | 50.8             | 38.3           | 37.4             | 30.2          | 37.4           |
|                   | 7   | 45.5            | 52.5             | 40.2           | 40.8             | 31.9          | 42.3           |
|                   | 8   | 47.9            | 51.0             | 45.9           | 46.0             | 32.5          | 44.6           |
|                   | 9   | 47.1            | 45.8             | 46.5           | 38.7             | 34.7          | 44.2           |
|                   | 10  | 46.3            | 44.0             | 43.7           | 34.6             | 35.6          | 44.1           |
|                   | 11  | 47.3            | 47.4             | 51.2           | 38.6             | 38.8          | 42.7           |
|                   | 12  | 53.1            | 56.4             | 57.8           | 49.8             | 40.2          | 46.2           |
| 2021 <sup>P</sup> | 1   | 59.5            | 61.8             | 62.4           | 61.2             | 40.2          | 49.9           |
| 2020 <sup>P</sup> | 1-1 | 71.2            | 76.5             | 78.0           | 72.0             | 48.0          | 62.9           |
| 2021 <sup>P</sup> | 1-1 | 59.5            | 61.8             | 62.4           | 61.2             | 40.2          | 49.9           |

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

|                   |     | 휘발유      | 경유         |            | 등유 <sup>1</sup>       | 중질중유     | 액화석유가스    |         |
|-------------------|-----|----------|------------|------------|-----------------------|----------|-----------|---------|
|                   |     |          | Diesel oil |            |                       |          | LPG       |         |
|                   |     | Gasoline | 선박용        | 자동차용       | Kerosene <sup>1</sup> | Bunker-C | 부탄        | 프로판     |
|                   |     |          | MGO        | Automobile |                       |          | Butane    | Propane |
| 원(KRW)/ℓ          |     |          |            |            |                       |          | 원(KRW)/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              |     | 1,379.4  | 1,199.9    | 1,227.9    | 752.2                 | 678.2    | 1,122.4   | 720.7   |
| 2020 <sup>p</sup> |     | 1,257.6  | 1,040.2    | 1,057.2    | 532.2                 | 518.3    | 1,096.5   | 666.9   |
| 2019              | 1   | 1,213.6  | 1,093.5    | 1,113.2    | 701.9                 | 638.3    | 1,084.4   | 730.9   |
|                   | 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 <sup>p</sup> | 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   |
|                   | 3   | 1,231.1  | 1,176.9    | 1,046.0    | 482.2                 | 603.1    | 1,249.4   | 799.2   |
|                   | 4   | 1,108.1  | 1,025.9    | 944.1      | 350.7                 | 475.9    | 1,146.6   | 700.6   |
|                   | 5   | 1,151.4  | 906.4      | 965.0      | 402.6                 | 387.6    | 977.8     | 547.1   |
|                   | 6   | 1,252.3  | 918.1      | 1,049.7    | 482.3                 | 413.8    | 1,032.4   | 600.4   |
|                   | 7   | 1,258.4  | 1,013.1    | 1,060.5    | 495.3                 | 475.3    | 1,047.7   | 613.0   |
|                   | 8   | 1,262.2  | 1,053.4    | 1,055.0    | 492.7                 | 504.7    | 1,051.7   | 604.8   |
|                   | 9   | 1,241.7  | 1,037.1    | 1,022.5    | 470.6                 | 503.5    | 1,067.4   | 629.5   |
|                   | 10  | 1,229.5  | 1,000.2    | 1,007.7    | 478.4                 | 478.4    | 1,068.6   | 625.7   |
|                   | 11  | 1,237.3  | 985.5      | 1,025.9    | 507.5                 | 466.0    | 1,068.4   | 631.2   |
|                   | 12  | 1,299.8  | 991.0      | 1,092.7    | 585.5                 | 479.0    | 1,110.7   | 666.8   |
| 2021 <sup>p</sup> | 1   | 1,338.7  | 1,050.6    | 1,130.5    | 623.8                 | 515.5    | 1,112.9   | 681.7   |
| 2020 <sup>p</sup> | 1-1 | 1,452.0  | 1,273.9    | 1,274.2    | 754.5                 | 710.9    | 1,155.1   | 719.8   |
| 2021 <sup>p</sup> | 1-1 | 1,338.7  | 1,050.6    | 1,130.5    | 623.8                 | 515.5    | 1,112.9   | 681.7   |

1. 실내등유 기준

주: 세후 가격

자료: 한국석유공사-PETRONET

1. Excludes heating oil.

Note: All the prices include taxes.

Source: Korea National Oil Corporation-PETRONET



## 7.1.5 소비자 판매 가격

## Consumer Prices

|                   |     | 휘발유 <sup>1</sup>      | 경유 <sup>1</sup>         | 등유<br>Kerosene                             |  | 중질중유 <sup>2</sup>     | 프로판 <sup>3</sup>     | 부탄<br>Butane  |  |
|-------------------|-----|-----------------------|-------------------------|--|--|-----------------------|----------------------|---|--|
|                   |     | Gasoline <sup>1</sup> | Diesel oil <sup>1</sup> | 실내등유 <sup>1</sup><br>Kerosene <sup>1</sup> | 보일러등유 <sup>1</sup><br>Heating oil <sup>1</sup> | Bunker-C <sup>2</sup> | Propane <sup>2</sup> | 일반용 <sup>3</sup><br>Residential and Commercial <sup>3</sup> | 자동차용 <sup>1</sup><br>Automobile <sup>1</sup> |
|                   |     | 원(KRW)/ℓ              |                         |  |  | 원(KRW)/kg             |                      | 원(KRW)/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                | 1,108.1   | 457.7  |
| 2003              |     | 1,294.8               | 772.0                   | 638.8                                      | 640.0  | 339.2                 | 980.0                | 1,193.3   | 567.4  |
| 2004              |     | 1,365.3               | 907.9                   | 752.2                                      | 757.5  | 367.1                 | 1,050.2              | 1,234.5   | 673.9  |
| 2005              |     | 1,432.3               | 1,079.7                 | 871.0                                      | 873.7  | 420.1                 | 1,131.5              | 1,305.1   | 723.4  |
| 2006              |     | 1,492.4               | 1,228.2                 | 931.9                                      | 936.2  | 483.0                 | 1,242.7              | 1,392.3   | 747.9  |
| 2007              |     | 1,525.9               | 1,272.7                 | 932.2                                      | 936.5  | 526.6                 | 1,330.6              | 1,453.7   | 773.8  |
| 2008              |     | 1,692.1               | 1,614.4                 | 1,238.7                                    | 1,238.6  | 757.1                 | 1,789.9              | 1,898.2   | 1,009.0                                      |
| 2009              |     | 1,600.7               | 1,397.5                 | 976.2                                      | 974.8  | 718.7                 | 1,577.2              | 1,885.0   | 828.7  |
| 2010              |     | 1,710.4               | 1,502.8                 | 1,076.0                                    | 1,075.2  | 772.3                 | 1,812.7              | 2,072.0   | 952.2  |
| 2011              |     | 1,929.3               | 1,745.7                 | 1,321.2                                    | 1,279.2  | 987.2                 | 2,034.0              | 2,277.3   | 1,076.1                                      |
| 2012              |     | 1,985.8               | 1,806.3                 | 1,394.1                                    | -  | 1,088.7               | 2,105.9              | 2,352.0   | 1,101.9                                      |
| 2013              |     | 1,924.5               | 1,729.6                 | 1,366.7                                    | -  | 935.1                 | 2,085.3              | 2,337.6   | 1,070.8                                      |
| 2014              |     | 1,827.3               | 1,636.7                 | 1,296.7                                    | -  | 885.5                 | 2,112.9              | 2,369.3   | 1,051.2                                      |
| 2015              |     | 1,510.4               | 1,299.6                 | 947.4                                      | -  | 604.2                 | 1,801.3              | 2,033.9   | 806.4  |
| 2016              |     | 1,402.6               | 1,182.5                 | 784.5                                      | -  | 523.8                 | 1,689.1              | 1,913.5   | 734.0  |
| 2017              |     | 1,491.3               | 1,282.5                 | 853.1                                      | -  | 619.8                 | 1,833.8              | 2,074.7   | 826.5  |
| 2018              |     | 1,581.4               | 1,391.9                 | 942.3                                      | -  | 724.3                 | 1,920.4              | 2,177.4   | 874.5  |
| 2019              |     | 1,472.4               | 1,340.5                 | 961.7                                      | -  | 733.6                 | 1,869.9              | 2,140.4   | 806.3  |
| 2020 <sup>p</sup> |     | 1,381.4               | 1,189.7                 | 853.8                                      | -  | 570.1                 | 1,851.2              | 2,148.0   | 790.8  |
| 2019              | 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 <sup>p</sup> | 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  |
|                   | 3   | 1,469.1               | 1,280.8                 | 933.1                                      | -  | 703.1                 | 1,973.2              | 2,272.5   | 874.3  |
|                   | 4   | 1,323.7               | 1,132.4                 | 858.0                                      | -  | 536.7                 | 1,885.5              | 2,168.8   | 818.4  |
|                   | 5   | 1,255.1               | 1,065.8                 | 796.5                                      | -  | 451.3                 | 1,753.8              | 2,021.6   | 725.0  |
|                   | 6   | 1,322.9               | 1,127.9                 | 800.9                                      | -  | 462.8                 | 1,794.5              | 2,058.5   | 749.5  |
|                   | 7   | 1,360.3               | 1,162.9                 | 812.3                                      | -  | 524.7                 | 1,806.0              | 2,065.7   | 759.9  |
|                   | 8   | 1,361.1               | 1,163.6                 | 816.8                                      | -  | 553.7                 | 1,806.0              | 2,074.1   | 760.4  |
|                   | 9   | 1,352.5               | 1,154.5                 | 816.6                                      | -  | 575.2                 | 1,821.0              | 2,087.3   | 771.5  |
|                   | 10  | 1,333.3               | 1,134.0                 | 811.8                                      | -  | 533.0                 | 1,822.1              | 2,094.9   | 771.4  |
|                   | 11  | 1,319.6               | 1,119.6                 | 802.0                                      | -  | 520.0                 | 1,822.2              | 2,116.4   | 770.6  |
|                   | 12  | 1,367.8               | 1,168.3                 | 818.2                                      | -  | 518.9                 | 1,865.2              | 2,179.7   | 796.9  |
| 2021 <sup>p</sup> | 1   | 1,441.8               | 1,242.4                 | 863.8                                      | -  | 545.5                 | 1,868.1              | 2,188.6   | 797.2  |
| 2020 <sup>p</sup> | 1-1 | 1,568.4               | 1,398.4                 | 975.3                                      | -  | 706.5                 | 1,887.6              | 2,181.7   | 820.8  |
| 2021 <sup>p</sup> | 1-1 | 1,441.8               | 1,242.4                 | 863.8                                      | -  | 545.5                 | 1,868.1              | 2,188.6   | 797.2  |

1. 주유소/충전소 판매 가격

2. 대리점 판매 가격

3. 판매소 판매 가격

주: 부가세 포함 가격

자료: 한국석유공사-PETRONET

1. Gas station sales prices

2. Agent sales price

3. Sales prices at general-purpose propane and butane stores.

Note: All the prices include VAT.

Source: Korea National Oil Corporation-PETRONET

## 7.2 석탄 및 전력 가격

## Coal And Electricity Prices

|                   |    | 석탄<br>Coal                                  |   | 전력 <sup>3</sup><br>Electricity <sup>3</sup> |                 |               |
|-------------------|----|---|---|---|-----------------|---------------|
|                   |    | 무연탄 <sup>1</sup><br>Anthracite <sup>1</sup> | 연탄 <sup>2</sup><br>Briquette <sup>2</sup> | 저압(전등)<br>Lighting                          | 고압(동력)<br>Power | 평균<br>Average |
|                   |    | 원(KRW)/Ton                                  | 원(KRW)/each                               | 원(KRW)/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                                       | 97.2            | 99.1          |
| 2013              |    | 142,230                                     | 391                                       | 111.1                                       | 104.8           | 106.3         |
| 2014              |    | 142,230                                     | 391                                       | 116.0                                       | 109.9           | 111.3         |
| 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           | 108.7         |
| 2019              |    | 179,380                                     | 657                                       | 111.7                                       | 107.8           | 108.7         |
| 2020 <sup>P</sup> |    | 179,380                                     | 657                                       | 113.3                                       | 108.8           | 109.8         |
| 2019              | 1  | 179,380                                     | 657                                       | 111.8                                       | 114.5           | 113.9         |
|                   | 2  | 179,380                                     | 657                                       | 112.1                                       | 114.7           | 114.0         |
|                   | 3  | 179,380                                     | 657                                       | 107.4                                       | 96.9            | 99.2          |
|                   | 4  | 179,380                                     | 657                                       | 101.4                                       | 95.8            | 97.0          |
|                   | 5  | 179,380                                     | 657                                       | 105.2                                       | 95.3            | 97.3          |
|                   | 6  | 179,380                                     | 657                                       | 114.0                                       | 113.7           | 113.8         |
|                   | 7  | 179,380                                     | 657                                       | 124.1                                       | 119.1           | 120.1         |
|                   | 8  | 179,380                                     | 657                                       | 122.2                                       | 117.9           | 118.8         |
|                   | 9  | 179,380                                     | 657                                       | 114.7                                       | 99.1            | 102.6         |
|                   | 10 | 179,380                                     | 657                                       | 105.3                                       | 95.0            | 97.0          |
|                   | 11 | 179,380                                     | 657                                       | 106.1                                       | 114.5           | 112.7         |
|                   | 12 | 179,380                                     | 657                                       | 114.0                                       | 114.8           | 114.6         |
| 2020 <sup>P</sup> | 1  | 179,380                                     | 657                                       | 113.2                                       | 113.8           | 113.6         |
|                   | 2  | 179,380                                     | 657                                       | 113.9                                       | 116.2           | 115.6         |
|                   | 3  | 179,380                                     | 657                                       | 109.6                                       | 98.9            | 101.3         |
|                   | 4  | 179,380                                     | 657                                       | 104.8                                       | 96.7            | 98.5          |
|                   | 5  | 179,380                                     | 657                                       | 107.4                                       | 96.5            | 98.7          |
|                   | 6  | 179,380                                     | 657                                       | 115.3                                       | 117.7           | 117.3         |
|                   | 7  | 179,380                                     | 657                                       | 125.3                                       | 120.0           | 121.0         |
|                   | 8  | 179,380                                     | 657                                       | 120.9                                       | 117.6           | 118.3         |
|                   | 9  | 179,380                                     | 657                                       | 117.2                                       | 101.2           | 104.8         |
|                   | 10 | 179,380                                     | 657                                       | 107.2                                       | 95.3            | 97.7          |
|                   | 11 | 179,380                                     | 657                                       | 108.1                                       | 113.8           | 112.6         |
|                   | 12 | 179,380                                     | 657                                       | 115.6                                       | 115.4           | 115.5         |
| 2021 <sup>P</sup> | 1  | 179,380                                     | 657                                       | 111.4                                       | 111.8           | 111.7         |

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

|                   |    | 액화천연가스 <sup>1</sup><br>LNG <sup>1</sup> |                  | 도시가스 <sup>2</sup><br>City Gas <sup>2</sup>   |   |                   |   |
|-------------------|----|---|------------------|--|---|-------------------|---|
|                   |    | 도입금액<br>Import value                    | 단가<br>Unit price | 가정용 <sup>3</sup><br>Residential <sup>3</sup> | 업무용 <sup>4</sup><br>Commercial <sup>4</sup> | 산업용<br>Industrial | 영업용 <sup>5</sup><br>Business <sup>5</sup> |
|                   |    | 백만(Mil USD)                             | 달러/톤(USD/Ton)    | 원(KRW)/Nm <sup>3</sup> , 원(KRW)/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            | 15.1   | 15.4  | 13.0              | 14.8                                      |
| 2019              |    | 20,566.6                                | 504.7            | 15.5   | 16.0  | 13.7              | 15.4                                      |
| 2020 <sup>p</sup> |    | 15,715.8                                | 393.1            | 15.1   | 15.1  | 12.6              | 14.8                                      |
| 2019              | 1  | 2,239.8                                 | 587.0            | 15.3   | 15.7  | 13.8              | 15.3                                      |
|                   | 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  | 13.3              | 15.1                                      |
|                   | 6  | 1,515.3                                 | 470.4            | 15.3   | 15.7  | 13.2              | 15.0                                      |
|                   | 7  | 1,474.1                                 | 488.3            | 15.3   | 15.7  | 13.2              | 15.0                                      |
|                   | 8  | 1,720.5                                 | 479.3            | 15.3   | 15.7  | 13.2              | 15.0                                      |
|                   | 9  | 1,266.2                                 | 510.0            | 15.9   | 16.5  | 13.9              | 15.7                                      |
|                   | 10 | 1,530.0                                 | 479.0            | 15.9   | 16.5  | 14.0              | 15.8                                      |
|                   | 11 | 1,722.6                                 | 454.4            | 15.9   | 16.5  | 14.0              | 15.8                                      |
|                   | 12 | 2,175.5                                 | 455.5            | 15.9   | 16.5  | 14.5              | 16.0                                      |
| 2020 <sup>p</sup> | 1  | 1,949.1                                 | 470.2            | 15.9   | 16.5  | 14.5              | 16.0                                      |
|                   | 2  | 2,110.2                                 | 446.9            | 15.9   | 16.5  | 14.5              | 16.0                                      |
|                   | 3  | 1,636.7                                 | 461.9            | 15.9   | 16.5  | 14.5              | 16.0                                      |
|                   | 4  | 1,481.2                                 | 479.0            | 15.9   | 16.5  | 14.0              | 15.7                                      |
|                   | 5  | 1,388.0                                 | 468.6            | 15.9   | 16.5  | 14.0              | 15.8                                      |
|                   | 6  | 1,145.7                                 | 444.0            | 15.9   | 16.5  | 13.9              | 15.7                                      |
|                   | 7  | 906.1                                   | 384.0            | 14.2   | 14.6  | 11.7              | 13.8                                      |
|                   | 8  | 620.8                                   | 317.3            | 14.2   | 14.9  | 12.1              | 13.8                                      |
|                   | 9  | 772.8                                   | 263.4            | 14.2   | 13.7  | 10.8              | 13.8                                      |
|                   | 10 | 1,061.4                                 | 275.8            | 14.2   | 12.7  | 9.9               | 13.8                                      |
|                   | 11 | 1,117.9                                 | 312.1            | 14.2   | 12.7  | 9.9               | 13.8                                      |
|                   | 12 | 1,525.9                                 | 358.5            | 14.2   | 13.5  | 11.4              | 14.0                                      |
| 2021 <sup>p</sup> | 1  | 1,830.6                                 | 413.2            | 14.2   | 14.0  | 12.0              | 14.0                                      |

1. CIF 기준

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

3. 취사용 가격

4. 업무난방용 가격

5. 직접적인 영리 목적의 영업활동(목욕탕 등 제외)

자료: 한국무역협회, 한국도시가스협회

1. Based on CIF.

2. Average price in the Seoul area (excluding VAT),  
Based on mega Joule from 2013

3. Prices for cooking purpose.

4. Prices for heating of the building.

5. Price for business(except public bathhouse)

Source: Korea International Trade Association, Korea City Gas Association



## 8. 주요 경제·사회 지표

### Major Economic and Social Indicators

#### 8.1 주요 경제지표

Major Economic Indicators

#### 8.2 산업생산 지수

Industrial Production Index

#### 8.3 가동률 지수

Operation Ratio Index

#### 8.4 투자활동지표

Investment Activity Indices

#### 8.5 국제수지

Balance of Payments

#### 8.6 자동차 등록대수

Motor Vehicle Registration

#### 8.7 냉난방도일

Heating and Cooling Degree-Days

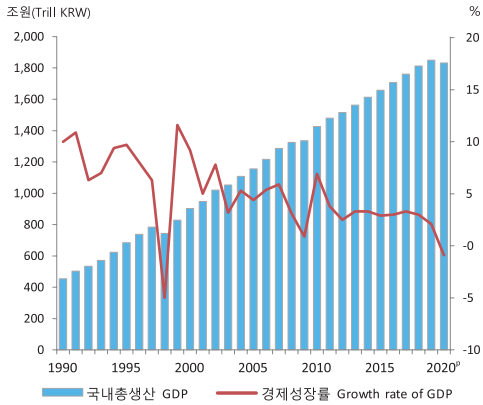
#### 8.8 가구당 소득 및 소비지출

Average Income and Expenditure per Household

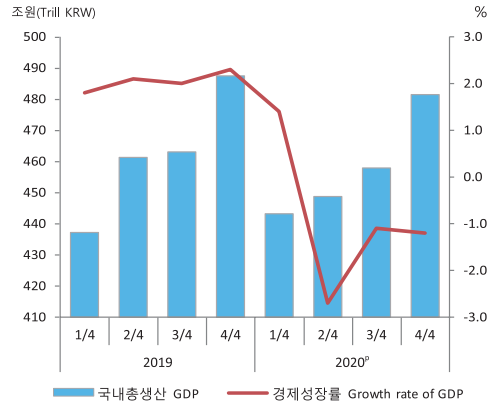


## ● 국내총생산, 경제성장률 GDP and Growth Rate of GDP

〈1990~2020〉

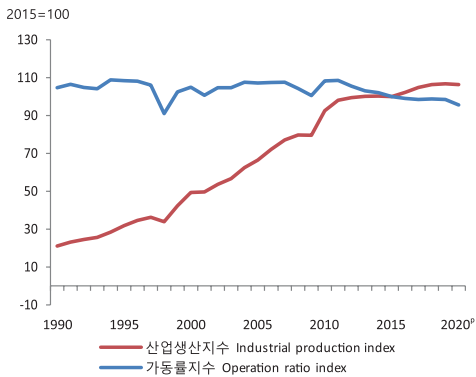


〈분기 Quarterly〉

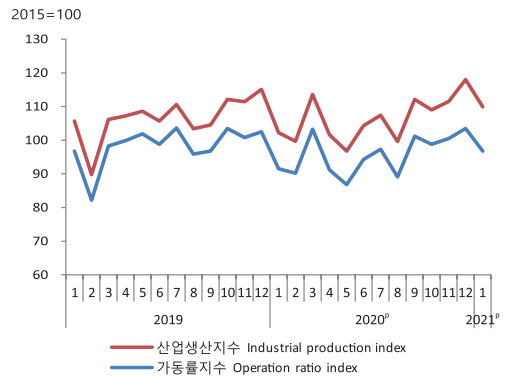


## ● 산업생산지수, 가동률지수 Industrial Production Index

〈1990~2020〉

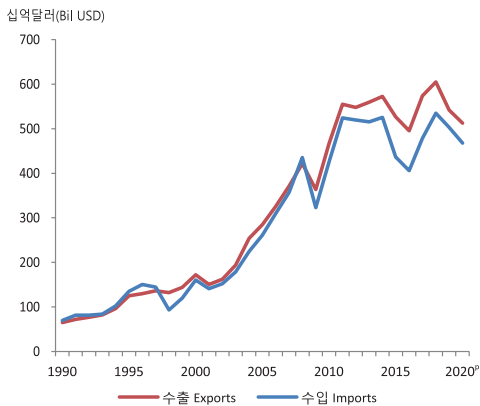


〈월별 Monthly〉

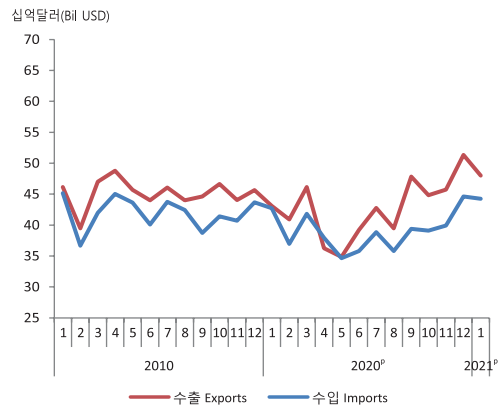


## ● 수출입 Imports and Export

〈1990~2020〉



〈월별 Monthly〉



## 8.1 주요 경제지표

## Major Economic Indicators

|                   |    | 국내총생산 <sup>1</sup><br>(시장가격)         | 경제성장률 <sup>1</sup>                 | 민간소비 <sup>1</sup>                   | 설비투자 <sup>1</sup>                     | 건설투자 <sup>1</sup>                       | 물가지수<br>Prices |          |
|-------------------|----|--------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|---|----------------|----------|
|                   |    | GDP at market<br>prices <sup>1</sup> | Growth rate of<br>GDP <sup>1</sup> | Private<br>consumption <sup>1</sup> | Facilities<br>investment <sup>1</sup> | Construction<br>investment <sup>1</sup> | 생산자            | 소비자      |
|                   |    |                                      |                                    |                                     |                                       |   | Producer       | Consumer |
|                   |    | 십억원(Bil KRW)                         | %                                  | 십억원(Bil KRW)                        |                                       |   | 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              |    | 1,812,005                            | 2.9                                | 875,578                             | 166,289                               | 269,787                                 | 103.5          | 104.5    |
| 2019              |    | 1,848,959                            | 2.0                                | 890,168                             | 153,855                               | 262,923                                 | 103.5          | 104.9    |
| 2020 <sup>p</sup> |    | 1,831,250                            | -1.0                               | 846,312                             | 164,327                               | 262,596                                 | 103.0          | 105.4    |
| 2019              | 1  | -                                    | -                                  | -                                   | -                                     | -                                       | 102.9          | 104.2    |
|                   | 2  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.0          | 104.7    |
|                   | 3  | 437,193                              | 1.8                                | 222,635                             | 36,499                                | 52,312                                  | 103.4          | 104.5    |
|                   | 4  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.7          | 104.9    |
|                   | 5  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.8          | 105.1    |
|                   | 6  | 461,251                              | 2.1                                | 216,719                             | 40,090                                | 72,116                                  | 103.5          | 104.9    |
|                   | 7  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.5          | 104.6    |
|                   | 8  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.7          | 104.8    |
|                   | 9  | 463,086                              | 2.0                                | 222,307                             | 36,439                                | 65,865                                  | 103.8          | 105.2    |
|                   | 10 | -                                    | -                                  | -                                   | -                                     | -                                       | 103.6          | 105.5    |
|                   | 11 | -                                    | -                                  | -                                   | -                                     | -                                       | 103.4          | 104.9    |
|                   | 12 | 487,428                              | 2.3                                | 228,507                             | 40,827                                | 72,631                                  | 103.7          | 105.1    |
| 2020 <sup>p</sup> | 1  | -                                    | -                                  | -                                   | -                                     | -                                       | 104.1          | 105.8    |
|                   | 2  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.7          | 105.8    |
|                   | 3  | 443,200                              | 1.4                                | 211,992                             | 39,153                                | 54,523                                  | 102.8          | 105.5    |
|                   | 4  | -                                    | -                                  | -                                   | -                                     | -                                       | 101.9          | 105.0    |
|                   | 5  | -                                    | -                                  | -                                   | -                                     | -                                       | 102.0          | 104.7    |
|                   | 6  | 448,715                              | -2.7                               | 208,084                             | 41,714                                | 72,070                                  | 102.5          | 104.9    |
|                   | 7  | -                                    | -                                  | -                                   | -                                     | -                                       | 102.7          | 104.9    |
|                   | 8  | -                                    | -                                  | -                                   | -                                     | -                                       | 103.2          | 105.5    |
|                   | 9  | 457,856                              | -1.1                               | 212,608                             | 40,298                                | 65,182                                  | 103.4          | 106.2    |
|                   | 10 | -                                    | -                                  | -                                   | -                                     | -                                       | 103.0          | 105.6    |
|                   | 11 | -                                    | -                                  | -                                   | -                                     | -                                       | 103.1          | 105.5    |
|                   | 12 | 481,478                              | -1.2                               | 213,628                             | 43,162                                | 70,821                                  | 103.9          | 105.7    |
| 2021 <sup>p</sup> | 1  | -                                    | -                                  | -                                   | -                                     | -                                       | 104.9          | 106.5    |

1. 2015년 연쇄가격, 원계열  
자료: 한국은행

1. At chained 2015 year prices, original series  
Source: Bank of Korea.

## 8.2 산업생산 지수

## Industrial Production Index

|                   |    | 총지수<br>All items | 광업 및 제조업<br>Mining and<br>manufacturing | 1차 철강<br>Basic iron<br>and steel | 시멘트<br>Cement, lime<br>and plaster and<br>its products | 기초화학물<br>Basic<br>chemicals | 수송장비<br>Motor<br>vehicles,<br>trailers and<br>semitrailer | 전기장비<br>Electrical<br>equipment | 서비스업<br>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  | 104.6                       | 97.6  | 103.5                           | 102.6            |
| 2017              |    | 104.8            | 104.6                                   | 103.4                            | 109.7  | 110.4                       | 95.1  | 106.6                           | 104.5            |
| 2018              |    | 106.3            | 106.1                                   | 100.5                            | 100.0  | 110.4                       | 93.9  | 106.5                           | 106.9            |
| 2019              |    | 106.7            | 106.5                                   | 98.3                             | 94.3   | 108.9                       | 93.4  | 109.6                           | 108.4            |
| 2020 <sup>p</sup> |    | 106.3            | 106.2                                   | 92.1                             | 86.6   | 102.3                       | 84.1  | 108.8                           | 106.2            |
| 2019              | 1  | 105.7            | 104.2                                   | 103.9                            | 82.9   | 114.9                       | 98.1  | 105.2                           | 105.8            |
|                   | 2  | 89.8             | 88.4                                    | 89.3                             | 66.2   | 103.1                       | 75.5  | 90.4                            | 99.4             |
|                   | 3  | 106.2            | 105.7                                   | 101.4                            | 99.8   | 109.9                       | 98.2  | 108.9                           | 108.7            |
|                   | 4  | 107.2            | 107.2                                   | 100.3                            | 106.8  | 104.4                       | 102.2   | 110.7                           | 107.7            |
|                   | 5  | 108.6            | 109.0                                   | 101.8                            | 107.4  | 104.2                       | 101.6   | 110.9                           | 109.5            |
|                   | 6  | 105.7            | 106.2                                   | 98.6                             | 103.0  | 102.0                       | 93.7  | 107.8                           | 108.2            |
|                   | 7  | 110.6            | 110.7                                   | 102.4                            | 96.2   | 115.1                       | 101.4   | 114.5                           | 108.0            |
|                   | 8  | 103.4            | 103.1                                   | 95.7                             | 91.8   | 114.5                       | 77.1  | 104.2                           | 108.2            |
|                   | 9  | 104.5            | 104.9                                   | 93.1                             | 77.6   | 112.9                       | 83.3  | 107.2                           | 106.8            |
|                   | 10 | 112.1            | 112.7                                   | 98.3                             | 100.9  | 106.7                       | 99.4  | 118.7                           | 109.1            |
|                   | 11 | 111.4            | 111.6                                   | 97.2                             | 103.7  | 104.0                       | 95.2  | 115.3                           | 110.3            |
|                   | 12 | 115.1            | 114.5                                   | 98.1                             | 95.6   | 114.9                       | 94.7  | 120.8                           | 118.8            |
| 2020 <sup>p</sup> | 1  | 102.2            | 100.9                                   | 94.7                             | 66.8   | 114.7                       | 77.3  | 98.4                            | 106.7            |
|                   | 2  | 99.7             | 98.6                                    | 95.3                             | 72.2   | 108.0                       | 65.2  | 97.3                            | 100.7            |
|                   | 3  | 113.6            | 113.6                                   | 100.1                            | 93.5   | 106.3                       | 101.9   | 113.5                           | 103.4            |
|                   | 4  | 101.6            | 101.6                                   | 93.5                             | 97.9   | 97.7                        | 81.6  | 102.9                           | 101.1            |
|                   | 5  | 96.8             | 97.0                                    | 86.0                             | 87.4   | 96.6                        | 64.2  | 94.8                            | 105.1            |
|                   | 6  | 104.3            | 104.7                                   | 81.3                             | 92.3   | 95.4                        | 79.3  | 108.6                           | 108.2            |
|                   | 7  | 107.4            | 107.7                                   | 86.0                             | 81.1   | 103.8                       | 93.2  | 111.6                           | 106.7            |
|                   | 8  | 99.6             | 99.1                                    | 86.2                             | 72.6   | 105.2                       | 68.9  | 100.0                           | 104.1            |
|                   | 9  | 112.1            | 112.9                                   | 93.0                             | 89.1   | 104.3                       | 97.2  | 119.9                           | 106.9            |
|                   | 10 | 109.0            | 109.5                                   | 94.9                             | 94.5   | 102.2                       | 95.4  | 112.4                           | 106.4            |
|                   | 11 | 111.5            | 111.7                                   | 95.9                             | 98.1   | 88.4                        | 95.4  | 118.7                           | 108.8            |
|                   | 12 | 118.0            | 117.3                                   | 98.4                             | 93.2   | 105.1                       | 89.7  | 127.3                           | 116.2            |
| 2021 <sup>p</sup> | 1  | 109.9            | 108.3                                   | 96.5                             | 67.7   | 108.1                       | 91.0  | 110.5                           | 104.6            |

자료: 통계청

Source: Statistics Korea



### 8.3 가동률 지수

### Operation Ratio Index

|                   |    | 총지수<br>All items | 1차 철강<br>Basic iron<br>and steel | 시멘트<br>Cement, lime and<br>plaster and its<br>products | 기초화학물<br>Basic chemicals | 수송장비<br>Motor vehicles,<br>trailers and<br>semitrailer | 전기장비<br>Electrical<br>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   | 102.8                           |
| 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              |    | 98.4             | 98.0                             | 102.2  | 99.6                     | 92.8   | 103.8                           |
| 2020 <sup>P</sup> |    | 95.6             | 92.1                             | 93.4   | 95.0                     | 84.4   | 103.1                           |
| 2019              | 1  | 96.8             | 103.5                            | 90.7   | 106.4                    | 96.5   | 99.7                            |
|                   | 2  | 82.2             | 88.9                             | 72.0   | 95.3                     | 74.5   | 86.3                            |
|                   | 3  | 98.3             | 101.1                            | 107.8  | 101.6                    | 96.4   | 103.7                           |
|                   | 4  | 99.9             | 99.9                             | 115.1  | 95.9                     | 101.6  | 104.9                           |
|                   | 5  | 101.9            | 101.5                            | 116.2  | 96.2                     | 101.3  | 104.7                           |
|                   | 6  | 98.8             | 98.3                             | 111.6  | 93.1                     | 93.2   | 102.2                           |
|                   | 7  | 103.6            | 102.0                            | 104.2  | 104.7                    | 100.9  | 108.3                           |
|                   | 8  | 95.9             | 95.2                             | 99.4   | 104.2                    | 77.3   | 98.4                            |
|                   | 9  | 96.8             | 92.6                             | 84.4   | 102.6                    | 83.3   | 101.5                           |
|                   | 10 | 103.5            | 97.8                             | 109.3  | 96.9                     | 99.1   | 111.8                           |
|                   | 11 | 100.8            | 96.9                             | 112.3  | 94.3                     | 95.3   | 109.8                           |
|                   | 12 | 102.5            | 97.7                             | 103.8  | 104.0                    | 94.3   | 114.2                           |
| 2020 <sup>P</sup> | 1  | 91.5             | 94.3                             | 72.5   | 104.3                    | 77.5   | 92.1                            |
|                   | 2  | 90.2             | 95.0                             | 78.3   | 98.1                     | 67.7   | 92.4                            |
|                   | 3  | 103.3            | 99.9                             | 100.8  | 99.0                     | 101.9  | 107.1                           |
|                   | 4  | 91.2             | 93.4                             | 105.3  | 91.4                     | 81.8   | 96.9                            |
|                   | 5  | 86.8             | 86.0                             | 94.6   | 90.5                     | 65.1   | 89.8                            |
|                   | 6  | 94.3             | 81.5                             | 100.0  | 89.1                     | 79.7   | 105.6                           |
|                   | 7  | 97.3             | 86.1                             | 87.6   | 96.9                     | 94.2   | 105.8                           |
|                   | 8  | 89.1             | 86.2                             | 78.0   | 98.3                     | 69.7   | 95.0                            |
|                   | 9  | 101.2            | 93.2                             | 95.4   | 97.5                     | 97.2   | 113.2                           |
|                   | 10 | 98.8             | 95.1                             | 101.1  | 95.5                     | 94.6   | 107.3                           |
|                   | 11 | 100.5            | 95.9                             | 105.1  | 83.1                     | 93.7   | 112.3                           |
|                   | 12 | 103.5            | 98.4                             | 101.6  | 95.7                     | 89.9   | 120.1                           |
| 2021 <sup>P</sup> | 1  | 96.8             | 96.7                             | 73.7   | 98.5                     | 91.5   | 103.6                           |

자료: 통계청

Source: Statistics Korea

## 8.4 투자활동지표

## Investment Activity Indices

|                   |    | 설비부문<br>Facility            |  |   | 건설부문<br>Construction   |   |  |
|-------------------|----|-----------------------------|--|---|--|---|--|
|                   |    | 설비투자<br>Facility investment | 설비용기계 내수출하 <sup>1</sup><br>Domestic shipment index of machinery and equipment <sup>1</sup> | 국내수요기계 수주액 <sup>1</sup><br>Value of domestic machinery orders received <sup>1</sup> | 건설기성액 <sup>2</sup><br>Value of construction completed <sup>2</sup> | 국내 건설수주액 <sup>2</sup><br>Value of domestic construction order received <sup>2</sup> | 건축허가면적<br>Permitted floor area for building construction |
|                   |    | 2015=100                    | 2015=100   | 십억원(Billion KRW)  |  |   | 1,000 m <sup>2</sup>                                     |
| 1990              |    | -                           | 37.6   | -   | -  | 20,964  | -  |
| 1995              |    | -                           | 63.6   | -   | -  | 49,025  | -  |
| 1996              |    | 57.3                        | 71.4   | -   | -  | 59,535  | -  |
| 1997              |    | 54.1                        | 71.7   | 17,236  | 29,538   | 62,722  | -  |
| 1998              |    | 33.8                        | 44.9   | 10,726  | 46,887   | 36,027  | -  |
| 1999              |    | 48.0                        | 59.0   | 12,835  | 47,449   | 36,299  | 72,531   |
| 2000              |    | 62.3                        | 81.2   | 14,995  | 45,990   | 41,778  | 81,055   |
| 2001              |    | 57.2                        | 76.9   | 13,755  | 50,576   | 50,995  | 97,717   |
| 2002              |    | 62.1                        | 84.9   | 16,101  | 56,216   | 67,834  | 138,734  |
| 2003              |    | 60.7                        | 83.3   | 14,961  | 65,553   | 80,897  | 142,108  |
| 2004              |    | 62.9                        | 81.5   | 16,132  | 72,838   | 77,774  | 117,461  |
| 2005              |    | 66.6                        | 81.8   | 15,794  | 75,831   | 83,489  | 111,506  |
| 2006              |    | 75.1                        | 90.7   | 18,868  | 77,839   | 91,001  | 133,270  |
| 2007              |    | 80.2                        | 93.7   | 22,690  | 82,939   | 112,502   | 150,957  |
| 2008              |    | 78.4                        | 95.2   | 20,489  | 87,032   | 103,907   | 120,658  |
| 2009              |    | 70.9                        | 90.2   | 18,803  | 89,819   | 109,088   | 105,137  |
| 2010              |    | 89.2                        | 108.3  | 19,679  | 92,276   | 89,814  | 125,447  |
| 2011              |    | 92.3                        | 113.6  | 21,223  | 91,717   | 95,332  | 137,868  |
| 2012              |    | 89.7                        | 108.3  | 17,655  | 88,713   | 89,395  | 137,142  |
| 2013              |    | 88.9                        | 100.1  | 19,584  | 98,089   | 77,885  | 127,066  |
| 2014              |    | 93.6                        | 99.8   | 23,114  | 98,491   | 90,606  | 141,347  |
| 2015              |    | 100.0                       | 100.0  | 21,680  | 102,614  | 134,493   | 189,840  |
| 2016              |    | 101.8                       | 101.5  | 22,288  | 119,971  | 145,386   | 178,955  |
| 2017              |    | 116.5                       | 111.5  | 26,234  | 139,039  | 142,966   | 171,875  |
| 2018              |    | 112.3                       | 106.2  | 27,289  | 138,417  | 143,292   | 160,964  |
| 2019              |    | 105.9                       | 95.9   | 25,405  | 139,311  | 154,243   | 144,293  |
| 2020 <sup>p</sup> |    | 112.3                       | 98.8   | 27,493  | 135,639  | 179,599   | 147,311  |
| 2019              | 1  | 100.2                       | 88.0   | 2,011   | 10,474   | 9,354   | 10,500   |
|                   | 2  | 82.7                        | 78.4   | 1,821   | 9,346  | 7,769   | 11,420   |
|                   | 3  | 109.1                       | 99.1   | 2,503   | 11,885   | 16,252  | 13,087   |
|                   | 4  | 113.7                       | 99.3   | 2,375   | 11,533   | 12,670  | 12,906   |
|                   | 5  | 108.8                       | 97.6   | 2,221   | 11,769   | 10,025  | 10,953   |
|                   | 6  | 108.1                       | 102.1  | 2,098   | 13,290   | 11,286  | 10,400   |
|                   | 7  | 107.8                       | 93.3   | 1,804   | 11,112   | 8,177   | 12,459   |
|                   | 8  | 102.1                       | 87.5   | 1,709   | 11,075   | 8,400   | 10,670   |
|                   | 9  | 97.7                        | 89.8   | 1,809   | 10,846   | 14,366  | 10,892   |
|                   | 10 | 107.1                       | 98.7   | 1,785   | 11,424   | 15,257  | 13,225   |
|                   | 11 | 107.4                       | 96.0   | 2,038   | 11,582   | 13,753  | 12,531   |
|                   | 12 | 126.6                       | 121.0  | 3,232   | 14,974   | 26,933  | 15,248   |
| 2020 <sup>p</sup> | 1  | 98.0                        | 81.6   | 2,582   | 9,885  | 10,101  | 8,689  |
|                   | 2  | 96.6                        | 84.1   | 2,286   | 9,880  | 10,748  | 12,490   |
|                   | 3  | 121.0                       | 102.5  | 2,807   | 12,235   | 12,140  | 12,051   |
|                   | 4  | 115.8                       | 100.9  | 2,397   | 11,121   | 8,620   | 11,069   |
|                   | 5  | 111.6                       | 96.8   | 1,994   | 11,008   | 13,660  | 12,355   |
|                   | 6  | 122.4                       | 108.7  | 2,276   | 12,800   | 20,238  | 12,205   |
|                   | 7  | 115.8                       | 97.0   | 1,978   | 10,825   | 15,336  | 14,039   |
|                   | 8  | 100.3                       | 85.3   | 1,810   | 9,908  | 12,501  | 10,116   |
|                   | 9  | 115.1                       | 100.4  | 2,320   | 11,315   | 15,470  | 14,158   |
|                   | 10 | 105.0                       | 93.8   | 2,328   | 10,373   | 13,899  | 12,132   |
|                   | 11 | 112.7                       | 103.1  | 2,043   | 11,719   | 17,703  | 12,567   |
|                   | 12 | 133.2                       | 131.1  | 2,673   | 14,569   | 29,184  | 15,441   |
| 2021 <sup>p</sup> | 1  | 117.0                       | 88.0   | 2,352   | 9,487  | 11,171  | 9,596  |

1. 선박 제외

1. Excluding vessels

2. 경상금액

2. Current Account

자료: 통계청

Source: Statistics Korea

## 8.5 국제수지

## Balance of Payments

|                   |    | 수출                | 수입      | 경상수지            | 상품수지    | 서비스수지    | 본원소득수지         | 이전소득수지           | 자본수지            |
|-------------------|----|-------------------|---------|-----------------|---------|----------|----------------|------------------|-----------------|
|                   |    | Exports           | Imports | Current account | Goods   | Services | Primary income | Secondary income | Capital account |
|                   |    | 백만달러(Million USD) |         |                 |         |          |                |                  |                 |
| 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             |
| 2019              |    | 542,233           | 503,343 | 59,676          | 79,812  | -26,845  | 12,856         | -6,147           | -169            |
| 2020 <sup>p</sup> |    | 512,498           | 467,633 | 75,276          | 81,945  | -16,190  | 12,050         | -2,530           | -339            |
|                   |    |                   |         |                 |         |          |                |                  |                 |
| 2019              | 1  | 46,169            | 45,153  | 2,895           | 5,880   | -3,934   | 1,695          | -747             | -29             |
|                   | 2  | 39,482            | 36,651  | 3,308           | 5,419   | -1,860   | 312            | -562             | -15             |
|                   | 3  | 47,003            | 41,992  | 4,347           | 8,429   | -2,426   | -1,021         | -635             | 5               |
|                   | 4  | 48,781            | 45,047  | -527            | 5,546   | -1,618   | -3,866         | -589             | -20             |
|                   | 5  | 45,704            | 43,620  | 4,983           | 5,718   | -1,385   | 1,363          | -713             | -13             |
|                   | 6  | 44,008            | 40,105  | 6,166           | 6,362   | -2,431   | 2,009          | 226              | -2              |
|                   | 7  | 46,078            | 43,762  | 6,957           | 6,815   | -2,081   | 2,842          | -619             | -4              |
|                   | 8  | 44,020            | 42,457  | 4,984           | 8,419   | -1,923   | 2,427          | -340             | -1              |
|                   | 9  | 44,629            | 38,741  | 8,014           | 8,938   | -2,597   | 2,001          | -328             | -60             |
|                   | 10 | 46,649            | 41,397  | 8,036           | 8,542   | -1,872   | 1,730          | -364             | -15             |
|                   | 11 | 44,041            | 40,729  | 5,877           | 7,748   | -2,123   | 799            | -548             | -5              |
|                   | 12 | 45,668            | 43,687  | 4,637           | 5,598   | -2,595   | 2,564          | -930             | -12             |
|                   |    |                   |         |                 |         |          |                |                  |                 |
| 2020 <sup>p</sup> | 1  | 43,103            | 42,718  | 584             | 2,070   | -2,989   | 1,631          | -128             | -16             |
|                   | 2  | 40,912            | 36,977  | 6,407           | 6,597   | -1,441   | 1,216          | 35               | -4              |
|                   | 3  | 46,167            | 41,804  | 5,940           | 6,962   | -1,646   | 853            | -229             | -20             |
|                   | 4  | 36,270            | 37,933  | -3,298          | 705     | -1,504   | -2,251         | -248             | -3              |
|                   | 5  | 34,855            | 34,662  | 2,241           | 2,613   | -652     | 551            | -270             | -155            |
|                   | 6  | 39,214            | 35,795  | 7,165           | 6,183   | -1,355   | 1,807          | 529              | -4              |
|                   | 7  | 42,785            | 38,849  | 7,025           | 7,012   | -1,304   | 1,687          | -369             | 1               |
|                   | 8  | 39,469            | 35,818  | 6,641           | 7,084   | -876     | 705            | -273             | 2               |
|                   | 9  | 47,820            | 39,400  | 10,335          | 12,106  | -2,083   | 686            | -374             | -3              |
|                   | 10 | 44,819            | 39,094  | 11,551          | 10,167  | -834     | 2,499          | -281             | -14             |
|                   | 11 | 45,752            | 39,945  | 9,177           | 9,951   | -976     | 478            | -276             | -87             |
|                   | 12 | 51,332            | 44,638  | 11,507          | 10,496  | -532     | 2,189          | -646             | -37             |
|                   |    |                   |         |                 |         |          |                |                  |                 |
| 2021 <sup>p</sup> | 1  | 48,015            | 44,253  | 7,060           | 5,734   | -606     | 2,355          | -423             | -12             |

자료: 한국은행

Source: Bank of Korea.

## 8.6 자동차 등록대수

|                   |    | 총대수    | 유종별<br>Fuel type  |              |               |               |   |                   |  | 수소<br>Hydrogen |  |
|-------------------|----|--------|-------------------|--------------|---------------|---------------|---|-------------------|--|----------------|--|
|                   |    |        | 휘발유<br>Gasoline   | 경유<br>Diesel | 액화석유가스<br>LPG | 압축천연가스<br>CNG | 하이브리드 <sup>1</sup><br>Hybrid <sup>1</sup> | 전기<br>Electricity | 기타 <sup>2</sup><br>Others <sup>2</sup> |                |  |
|                   |    | Total  | 천대(Thousand unit) |              |               |               |   |                   |  | 대(Unit)        |  |
| 1999              |    | 11,164 | -                 | -            | -             | -             | -   | -                 | -                                      | -              |  |
| 2000              |    | 12,059 | 1,831             | 3,594        | 1,214         | -             | -   | 0                 | 37                                     | -              |  |
| 2001              |    | 12,914 | 1,586             | 4,030        | 1,428         | -             | -   | 0                 | 39                                     | -              |  |
| 2002              |    | 13,949 | 1,382             | 4,607        | 1,625         | -             | -   | 0                 | 44                                     | -              |  |
| 2003              |    | 14,587 | 1,246             | 5,055        | 1,723         | 1             | -   | 0                 | 46                                     | -              |  |
| 2004              |    | 14,934 | 1,238             | 5,385        | 1,794         | 5             | -   | 0                 | 48                                     | -              |  |
| 2005              |    | 15,397 | 1,576             | 5,650        | 1,890         | 9             | -   | 0                 | 48                                     | -              |  |
| 2006              |    | 15,895 | 1,942             | 5,869        | 2,047         | 12            | -   | 0                 | 51                                     | -              |  |
| 2007              |    | 16,428 | 2,280             | 6,087        | 2,187         | 15            | -   | 0                 | 53                                     | -              |  |
| 2008              |    | 16,794 | 2,578             | 6,137        | 2,321         | 20            | 4   | -                 | 55                                     | -              |  |
| 2009              |    | 17,325 | 3,008             | 6,285        | 2,391         | 25            | 5   | -                 | 63                                     | -              |  |
| 2010              |    | 17,941 | 8,907             | 6,483        | 2,444         | 29            | 7   | 0                 | 71                                     | -              |  |
| 2011              |    | 18,437 | 3,556             | 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              |    | 23,677 | 10,961            | 9,958        | 2,005         | 38            | 488                                       | 90                | 133                                    | 5,083          |  |
| 2020 <sup>o</sup> |    | 24,366 | 11,410            | 9,992        | 1,979         | 37            | 650                                       | 135               | 151                                    | 10,906         |  |
| 2019              | 1  | 23,276 | 10,659            | 9,970        | 2,029         | 39            | 396                                       | 56                | 126                                    | 918            |  |
|                   | 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 <sup>o</sup> | 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          |  |
|                   | 3  | 23,797 | 11,048            | 9,956        | 2,004         | 38            | 510                                       | 100               | 135                                    | 6,125          |  |
|                   | 4  | 23,859 | 11,098            | 9,949        | 2,005         | 38            | 522                                       | 104               | 136                                    | 7,033          |  |
|                   | 5  | 23,926 | 11,154            | 9,944        | 2,004         | 38            | 535                                       | 106               | 138                                    | 7,314          |  |
|                   | 6  | 24,023 | 11,220            | 9,953        | 2,003         | 38            | 551                                       | 111               | 140                                    | 7,682          |  |
|                   | 7  | 24,098 | 11,266            | 9,964        | 2,000         | 38            | 565                                       | 114               | 142                                    | 8,298          |  |
|                   | 8  | 24,130 | 11,282            | 9,971        | 1,995         | 38            | 575                                       | 118               | 143                                    | 8,911          |  |
|                   | 9  | 24,201 | 11,315            | 9,987        | 1,991         | 37            | 591                                       | 124               | 145                                    | 9,494          |  |
|                   | 10 | 24,251 | 11,343            | 9,992        | 1,988         | 37            | 606                                       | 128               | 146                                    | 10,041         |  |
|                   | 11 | 24,315 | 11,378            | 9,996        | 1,984         | 37            | 628                                       | 132               | 149                                    | 10,477         |  |
|                   | 12 | 24,366 | 11,410            | 9,992        | 1,979         | 37            | 650                                       | 135               | 151                                    | 10,906         |  |
| 2021 <sup>o</sup> | 1  | 24,436 | 11,448            | 10,010       | 1,975         | 37            | 667                                       | 135               | 154                                    | 11,046         |  |

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<br>Vehicle usage |                  |                | 차종별<br>Vehicle type |             |              |               |    |                   |
|----------------------|------------------|----------------|---------------------|-------------|--------------|---------------|----|-------------------|
| 영업용<br>Commercial    | 관용<br>Government | 자가용<br>Private | 승용<br>Passenger     | 승합<br>Buses | 화물<br>Trucks | 특수<br>Special |    |                   |
| 천대(Thousand unit)    |                  |                |                     |             |              |               |    |                   |
| 564                  | 50               | 10,550         | 7,837               | 993         | 2,298        | 35            |    | 1999              |
| 620                  | 50               | 11,389         | 8,084               | 1,427       | 2,511        | 37            |    | 2000              |
| 669                  | 52               | 12,194         | 8,889               | 1,257       | 2,728        | 39            |    | 2001              |
| 723                  | 53               | 13,173         | 9,737               | 1,275       | 2,894        | 42            |    | 2002              |
| 751                  | 55               | 13,781         | 10,279              | 1,247       | 3,016        | 45            |    | 2003              |
| 767                  | 57               | 14,111         | 10,621              | 1,204       | 3,062        | 47            |    | 2004              |
| 784                  | 58               | 14,555         | 11,122              | 1,125       | 3,102        | 48            |    | 2005              |
| 817                  | 59               | 15,019         | 11,607              | 1,106       | 3,133        | 49            |    | 2006              |
| 871                  | 61               | 15,496         | 12,100              | 1,105       | 3,171        | 52            |    | 2007              |
| 911                  | 62               | 15,821         | 12,484              | 1,097       | 3,160        | 53            |    | 2008              |
| 930                  | 64               | 16,330         | 13,024              | 1,081       | 3,167        | 54            |    | 2009              |
| 974                  | 66               | 16,901         | 13,632              | 1,050       | 3,204        | 56            |    | 2010              |
| 1,011                | 69               | 17,357         | 14,136              | 1,015       | 3,226        | 59            |    | 2011              |
| 1,052                | 71               | 17,747         | 14,577              | 987         | 3,244        | 63            |    | 2012              |
| 1,126                | 73               | 18,202         | 15,078              | 971         | 3,286        | 66            |    | 2013              |
| 1,213                | 75               | 18,830         | 15,747              | 947         | 3,354        | 70            |    | 2014              |
| 1,290                | 78               | 19,623         | 16,562              | 920         | 3,433        | 75            |    | 2015              |
| 1,378                | 80               | 20,345         | 17,338              | 893         | 3,492        | 80            |    | 2016              |
| 1,458                | 86               | 20,984         | 18,035              | 868         | 3,540        | 86            |    | 2017              |
| 1,573                | 90               | 21,540         | 18,677              | 844         | 3,591        | 91            |    | 2018              |
| 1,677                | 92               | 21,908         | 19,178              | 812         | 3,593        | 95            |    | 2019              |
| 1,750                | 94               | 22,522         | 19,861              | 784         | 3,615        | 106           |    | 2020 <sup>P</sup> |
| 1,581                | 90               | 21,605         | 18,738              | 843         | 3,604        | 91            | 1  | 2019              |
| 1,586                | 90               | 21,622         | 18,761              | 840         | 3,605        | 92            | 2  |                   |
| 1,594                | 90               | 21,638         | 18,791              | 837         | 3,602        | 92            | 3  |                   |
| 1,603                | 90               | 21,656         | 18,825              | 833         | 3,599        | 93            | 4  |                   |
| 1,613                | 91               | 21,688         | 18,870              | 830         | 3,600        | 93            | 5  |                   |
| 1,626                | 92               | 21,727         | 18,918              | 829         | 3,604        | 93            | 6  |                   |
| 1,637                | 92               | 21,772         | 18,971              | 826         | 3,610        | 94            | 7  |                   |
| 1,644                | 91               | 21,806         | 19,011              | 824         | 3,612        | 94            | 8  |                   |
| 1,651                | 92               | 21,832         | 19,052              | 821         | 3,608        | 94            | 9  |                   |
| 1,659                | 92               | 21,843         | 19,083              | 817         | 3,599        | 95            | 10 |                   |
| 1,668                | 92               | 21,874         | 19,129              | 815         | 3,595        | 95            | 11 |                   |
| 1,677                | 92               | 21,908         | 19,178              | 812         | 3,593        | 95            | 12 |                   |
| 1,686                | 92               | 21,952         | 19,224              | 811         | 3,599        | 96            | 1  | 2020 <sup>P</sup> |
| 1,687                | 92               | 21,965         | 19,238              | 808         | 3,601        | 97            | 2  |                   |
| 1,689                | 93               | 22,015         | 19,295              | 806         | 3,600        | 97            | 3  |                   |
| 1,693                | 93               | 22,073         | 19,360              | 803         | 3,598        | 98            | 4  |                   |
| 1,698                | 93               | 22,135         | 19,428              | 801         | 3,599        | 99            | 5  |                   |
| 1,707                | 94               | 22,221         | 19,522              | 799         | 3,603        | 100           | 6  |                   |
| 1,718                | 94               | 22,285         | 19,591              | 797         | 3,608        | 101           | 7  |                   |
| 1,722                | 94               | 22,314         | 19,626              | 795         | 3,608        | 102           | 8  |                   |
| 1,730                | 94               | 22,377         | 19,694              | 792         | 3,613        | 103           | 9  |                   |
| 1,737                | 94               | 22,419         | 19,744              | 789         | 3,614        | 104           | 10 |                   |
| 1,745                | 94               | 22,476         | 19,808              | 19,808      | 3,616        | 105           | 11 |                   |
| 1,750                | 94               | 22,522         | 19,861              | 784         | 3,615        | 106           | 12 |                   |
| 1,753                | 94               | 22,590         | 19,924              | 782         | 3,623        | 107           | 1  | 2021 <sup>P</sup> |

1. Hybrid: Gasoline+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

|                   |    | 평균기온<br>Average temperature | 난방도일(18℃)<br>Heating degree day | 냉방도일(24℃)<br>Cooling degree day |
|-------------------|----|-----------------------------|---------------------------------|---------------------------------|
|                   |    | ℃                           | 도일(Degree day)                  |                                 |
| 1990              |    | 12.8                        | 2,557.6                         | 125.9                           |
| 1995              |    | 12.2                        | 2,738.9                         | 109.1                           |
| 1996              |    | 12.2                        | 2,843.9                         | 117.8                           |
| 1997              |    | 12.9                        | 2,625.4                         | 204.1                           |
| 1998              |    | 13.8                        | 2,322.9                         | 103.8                           |
| 1999              |    | 13.2                        | 2,560.3                         | 170.0                           |
| 2000              |    | 12.7                        | 2,758.5                         | 186.0                           |
| 2001              |    | 12.8                        | 2,721.0                         | 159.7                           |
| 2002              |    | 12.9                        | 2,545.8                         | 92.5                            |
| 2003              |    | 12.8                        | 2,509.4                         | 47.3                            |
| 2004              |    | 13.3                        | 2,467.4                         | 141.2                           |
| 2005              |    | 12.1                        | 2,889.5                         | 121.2                           |
| 2006              |    | 13.0                        | 2,524.1                         | 116.3                           |
| 2007              |    | 13.3                        | 2,483.2                         | 125.2                           |
| 2008              |    | 12.9                        | 2,589.0                         | 110.2                           |
| 2009              |    | 12.9                        | 2,585.4                         | 100.2                           |
| 2010              |    | 12.1                        | 2,953.4                         | 167.2                           |
| 2011              |    | 12.0                        | 2,882.6                         | 113.1                           |
| 2012              |    | 12.2                        | 2,967.7                         | 187.9                           |
| 2013              |    | 12.5                        | 2,908.0                         | 194.8                           |
| 2014              |    | 13.4                        | 2,501.6                         | 125.4                           |
| 2015              |    | 13.6                        | 2,459.1                         | 151.8                           |
| 2016              |    | 13.6                        | 2,589.7                         | 238.1                           |
| 2017              |    | 13.0                        | 2,687.6                         | 188.1                           |
| 2018              |    | 12.9                        | 2,763.4                         | 286.2                           |
| 2019              |    | 13.5                        | 2,525.5                         | 178.4                           |
| 2020 <sup>p</sup> |    | 13.2                        | 2,499.1                         | 129.3                           |
| 2019              | 1  | -0.9                        | 582.8                           | -                               |
|                   | 2  | 1.0                         | 476.4                           | -                               |
|                   | 3  | 7.1                         | 336.3                           | -                               |
|                   | 4  | 12.1                        | 181.6                           | -                               |
|                   | 5  | 19.4                        | 15.7                            | 0.7                             |
|                   | 6  | 22.5                        | 18.0                            | 7.7                             |
|                   | 7  | 25.9                        | -                               | 62.3                            |
|                   | 8  | 27.2                        | -                               | 101.4                           |
|                   | 9  | 22.6                        | 18.0                            | 6.3                             |
|                   | 10 | 16.4                        | 70.0                            | -                               |
|                   | 11 | 7.6                         | 312.6                           | -                               |
|                   | 12 | 1.4                         | 514.1                           | -                               |
| 2020 <sup>p</sup> | 1  | 1.6                         | 505.4                           | -                               |
|                   | 2  | 2.5                         | 448.5                           | -                               |
|                   | 3  | 7.7                         | 318.2                           | -                               |
|                   | 4  | 11.1                        | 206.3                           | -                               |
|                   | 5  | 18.0                        | 33.6                            | -                               |
|                   | 6  | 23.9                        | 0.1                             | 25.4                            |
|                   | 7  | 24.1                        | -                               | 22.9                            |
|                   | 8  | 26.5                        | -                               | 78.1                            |
|                   | 9  | 21.4                        | -                               | 2.9                             |
|                   | 10 | 14.3                        | 118.9                           | -                               |
|                   | 11 | 8.0                         | 299.2                           | -                               |
|                   | 12 | -0.4                        | 568.9                           | -                               |
| 2021 <sup>p</sup> | 1  | -2.4                        | 631.5                           | -                               |

주. 서울시 기준  
자료: 기상청

Note. Based on the temperature in Seoul.  
Source: Korea Meteorological Administration

## 8.8 가구당 소득 및 소비지출

## Average Income and Expenditure per Household

|                   |     | 소득        | 소비지출                    |             |         |             |                  |                  |                   |
|-------------------|-----|-----------|-------------------------|-------------|---------|-------------|------------------|------------------|-------------------|
|                   |     | Income    | Consumption expenditure | 전기료         | 연료비     | 공동주택난방비     | 운송기구연료비          | 공공교통             | 개인교통              |
|                   |     |           |                         | Electricity | Fuel    | APT Heating | Fuel of vehicles | Public transport | Private transport |
|                   |     | 원(KRW)    |                         |             |         |             |                  |                  |                   |
| 1990              |     | -         | 685,662                 | 9,216       | 16,785  | 784         | -                | 20,880           | 24,619            |
| 1995              |     | -         | 1,265,890               | 17,790      | 25,959  | 1,969       | -                | 36,987           | 79,257            |
| 1996              |     | -         | 1,426,853               | 19,688      | 30,610  | 2,806       | -                | 41,233           | 94,436            |
| 1997              |     | -         | 1,489,541               | 21,500      | 35,758  | 3,057       | -                | 45,084           | 104,872           |
| 1998              |     | -         | 1,316,222               | 24,148      | 36,360  | 4,792       | -                | 41,359           | 97,754            |
| 1999              |     | -         | 1,478,876               | 25,558      | 36,082  | 4,541       | -                | 46,557           | 120,434           |
| 2000              |     | -         | 1,632,298               | 29,378      | 40,582  | 5,591       | -                | 49,940           | 134,457           |
| 2001              |     | -         | 1,762,124               | 30,864      | 43,370  | 5,941       | -                | 53,769           | 136,209           |
| 2002              |     | -         | 1,834,812               | 32,977      | 41,892  | 5,340       | -                | 51,868           | 146,609           |
| 2003              |     | 3,569,534 | 2,306,826               | -           | 115,626 | -           | 118,599          | -                | -                 |
| 2004              |     | 3,652,639 | 2,354,298               | -           | 113,447 | -           | 116,600          | -                | -                 |
| 2005              |     | 3,694,717 | 2,386,272               | -           | 113,519 | -           | 115,337          | -                | -                 |
| 2006              |     | 3,788,318 | 2,425,148               | -           | 109,701 | -           | 114,293          | -                | -                 |
| 2007              |     | 3,891,294 | 2,451,401               | -           | 108,330 | -           | 112,719          | -                | -                 |
| 2008              |     | 3,939,100 | 2,456,135               | -           | 107,462 | -           | 107,698          | -                | -                 |
| 2009              |     | 3,880,094 | 2,429,775               | -           | 111,600 | -           | 105,435          | -                | -                 |
| 2010              |     | 3,988,658 | 2,511,641               | -           | 120,948 | -           | 103,042          | -                | -                 |
| 2011              |     | 4,055,857 | 2,526,121               | -           | 116,581 | -           | 99,878           | -                | -                 |
| 2012              |     | 4,212,127 | 2,538,967               | -           | 116,232 | -           | 100,166          | -                | -                 |
| 2013              |     | 4,244,689 | 2,530,113               | -           | 112,743 | -           | 106,079          | -                | -                 |
| 2014              |     | 4,332,768 | 2,569,092               | -           | 101,787 | -           | 110,441          | -                | -                 |
| 2015              |     | 4,373,116 | 2,563,092               | -           | 106,204 | -           | 120,384          | -                | -                 |
| 2016              |     | 4,356,928 | 2,525,237               | -           | 108,900 | -           | 121,421          | -                | -                 |
| 2017              |     | -         | 2,484,041               | -           | 96,979  | -           | 104,319          | -                | -                 |
| 2018              |     | -         | 2,429,527               | -           | 100,104 | -           | 101,321          | -                | -                 |
| 2019              |     | -         | 2,806,039               | -           | 105,343 | -           | 119,786          | -                | -                 |
| 2020 <sup>p</sup> |     | -         | -                       | -           | -       | -           | -                | -                | -                 |
| 2018              | 1/4 | 4,583,735 | -                       | -           | -       | -           | -                | -                | -                 |
|                   | 2/4 | 4,345,813 | -                       | -           | -       | -           | -                | -                | -                 |
|                   | 3/4 | 4,530,019 | -                       | -           | -       | -           | -                | -                | -                 |
|                   | 4/4 | 4,393,481 | -                       | -           | -       | -           | -                | -                | -                 |
| 2019              | 1/4 | 4,947,046 | 2,929,872               | -           | 165,546 | -           | 119,095          | -                | -                 |
|                   | 2/4 | 4,795,950 | 2,702,209               | -           | 97,334  | -           | 117,751          | -                | -                 |
|                   | 3/4 | 4,980,320 | 2,847,902               | -           | 72,190  | -           | 123,391          | -                | -                 |
|                   | 4/4 | 4,821,193 | 2,765,764               | -           | 89,445  | -           | 118,549          | -                | -                 |
| 2020 <sup>p</sup> | 1/4 | 5,068,890 | 2,722,461               | -           | 158,097 | -           | 108,802          | -                | -                 |
|                   | 2/4 | 5,028,203 | 2,777,293               | -           | 103,556 | -           | 121,727          | -                | -                 |
|                   | 3/4 | 5,027,612 | 2,790,830               | -           | 77,083  | -           | 128,378          | -                | -                 |
|                   | 4/4 | 4,887,730 | 2,752,686               | -           | 100,939 | -           | 124,616          | -                | -                 |

주 1. 2015년 실질 기준

2. 1990~2002년: 구분류 기준 도시 2인 이상 가구

3. 2003~2018: 신분류 기준 전국 2인 이상 가구

4. 2019년 이후: 비농림어가, 전국 2인 이상 가구

5. 기간별 상세 기준은 통계청의 가계동향조사 참고

자료: 통계청 가계동향조사

1. At chained 2015 year prices.

2. 1990~2002: Old classification. Includes households of more than 2 persons in city only.

3. 2003~2018: New classification. Includes households of more than 2 persons.

4. 2019~: Excludes agricultural/forestry households and one person households.

5. Refer to the Household Income and Expenditure Survey for more details.

Source: Household Income and Expenditure Survey, Statistics Korea





## 9. 해외 에너지

### World Energy

#### 9.1.1 세계 원유 생산: OPEC

World Crude Oil Production: OPEC

#### 9.1.2 세계 원유 생산: 비OPEC

World Crude Oil Production: Non-OPEC

#### 9.2. 세계 석유 수요

World Oil Demand

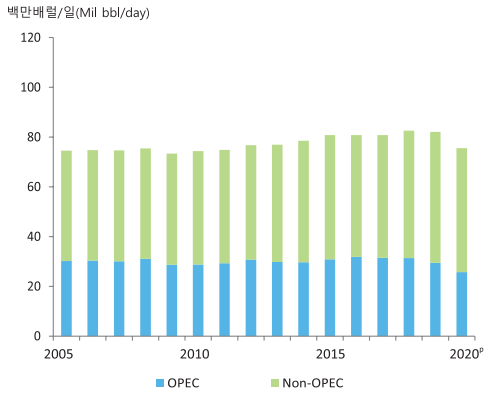
#### 9.3. 국제 석유 가격

International Oil Prices

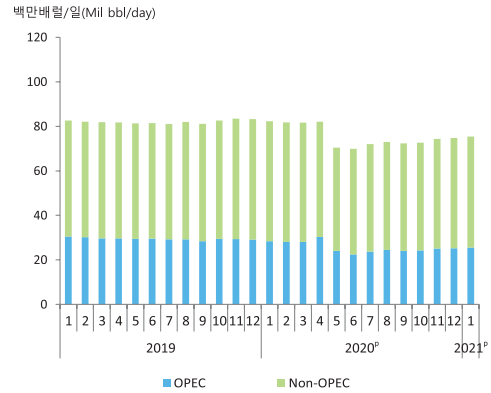


## ● 세계 원유 생산 World Crude Oil Production

〈2005~2020<sup>o</sup>〉

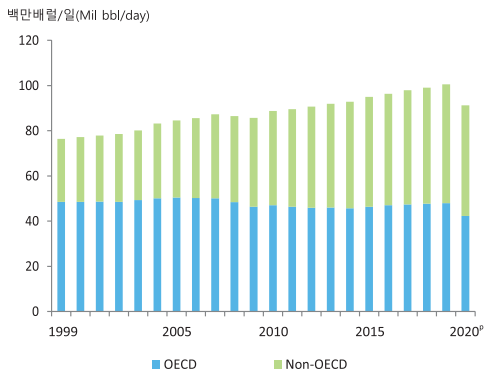


〈월별 Monthly〉

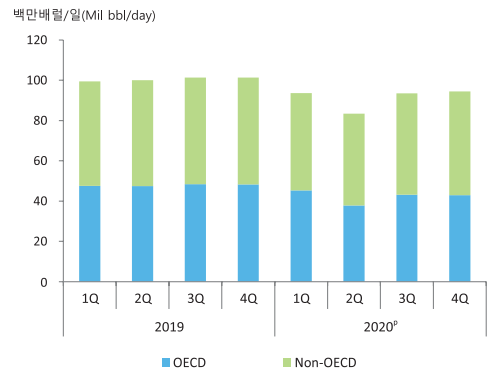


## ● 세계 석유 수요 World Oil Demand

〈1999~2020<sup>o</sup>〉

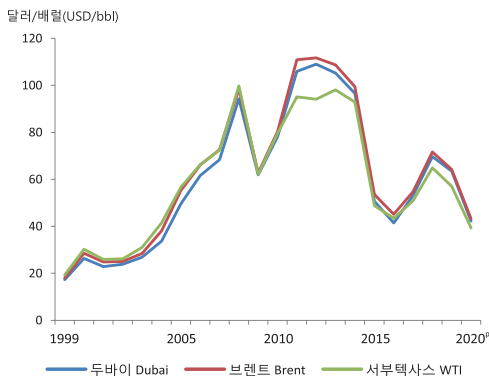


〈분기 Quarterly〉

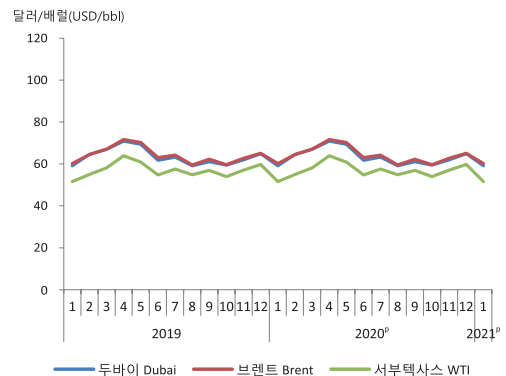


## ● 국제 석유 가격 International Oil Prices

〈1999~2020<sup>o</sup>〉



〈월별 Monthly〉



### 9.1.1 세계 원유 생산: OPEC

### World Crude Oil Production: OPEC

|                   |    | OPEC <sup>1</sup><br>OPEC <sup>1</sup> | 사우디아라비아 <sup>2</sup><br>Saudi Arabia <sup>2</sup> | 이란<br>Iran | 이라크<br>Iraq | 쿠웨이트 <sup>2</sup><br>Kuwait <sup>2</sup> | 아랍에미리트<br>U.A.E | 베네주엘라<br>Venezuela | 나이지리아<br>Nigeria |
|-------------------|----|--|---|------------|-------------|--|-----------------|--------------------|------------------|
|                   |    | 백만배럴/일(Million bbl/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             |
| 2009              |    | 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              |    | 29.49                                  | 9.80  | 2.36       | 4.71        | 2.68                                     | 3.18            | 0.87               | 1.73             |
| 2020 <sup>p</sup> |    | 25.68                                  | 9.26  | 1.98       | 4.05        | 2.48                                     | 2.86            | 0.53               | 1.49             |
| 2019              | 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 <sup>p</sup> | 1  | 28.43                                  | 9.72  | 2.06       | 4.54        | 2.67                                     | 3.16            | 0.84               | 1.68             |
|                   | 2  | 28.04                                  | 9.74  | 2.02       | 4.59        | 2.67                                     | 3.35            | 0.80               | 1.74             |
|                   | 3  | 28.05                                  | 9.85  | 1.99       | 4.58        | 2.85                                     | 3.20            | 0.67               | 1.78             |
|                   | 4  | 30.36                                  | 11.97   | 1.99       | 4.50        | 3.05                                     | 3.53            | 0.63               | 1.78             |
|                   | 5  | 24.05                                  | 8.58  | 1.95       | 4.17        | 2.28                                     | 2.42            | 0.56               | 1.52             |
|                   | 6  | 22.47                                  | 7.55  | 1.90       | 3.72        | 2.10                                     | 2.66            | 0.36               | 1.41             |
|                   | 7  | 23.73                                  | 8.47  | 1.90       | 3.75        | 2.21                                     | 2.92            | 0.39               | 1.38             |
|                   | 8  | 24.46                                  | 9.02  | 1.99       | 3.65        | 2.35                                     | 3.02            | 0.39               | 1.37             |
|                   | 9  | 24.10                                  | 9.07  | 1.98       | 3.67        | 2.39                                     | 2.58            | 0.43               | 1.35             |
|                   | 10 | 24.30                                  | 9.08  | 1.96       | 3.80        | 2.40                                     | 2.42            | 0.40               | 1.35             |
|                   | 11 | 25.07                                  | 9.09  | 1.99       | 3.78        | 2.40                                     | 2.55            | 0.43               | 1.33             |
|                   | 12 | 25.21                                  | 9.09  | 2.04       | 3.86        | 2.40                                     | 2.57            | 0.44               | 1.26             |
| 2021 <sup>p</sup> | 1  | 25.51                                  | 9.20  | 2.17       | 3.83        | 2.43                                     | 2.61            | 0.48               | 1.30             |

1. 기타석유, NGL, 콘덴세이트 포함.

2. 중립지대 지분 포함.

자료: IEA, Oil market report

1. Includes others, NGL and condensates.

2. Includes the neutral zone.

Source: IEA, Oil market report

## 9.1.2 세계 원유 생산: 비OPEC

## World Crude Oil Production: Non-OPEC

|                   |    | 세계 <sup>1</sup><br>World <sup>1</sup> | 비OPEC <sup>1</sup><br>Non-OPEC <sup>1</sup> | 미국<br>United States | 캐나다<br>Canada | 러시아<br>Russia | 중국<br>China | 멕시코<br>Mexico | 브라질<br>Brazil |
|-------------------|----|---------------------------------------|---|---------------------|---------------|---------------|-------------|---------------|---------------|
|                   |    | 백만배럴/일(Million bbl/day)               |   |                     |               |               |             |               |               |
| 1998              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 1999              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 2000              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 2001              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 2002              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 2003              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 2004              |    | -                                     | -   | -                   | -             | -             | -           | -             | -             |
| 2005              |    | 74.55                                 | 44.42                                       | 5.18                | 1.83          | 9.49          | 3.59        | 3.33          | 1.64          |
| 2006              |    | 74.70                                 | 44.37                                       | 5.09                | 1.87          | 9.57          | 3.62        | 3.26          | 1.73          |
| 2007              |    | 74.63                                 | 44.53                                       | 5.07                | 1.92          | 9.86          | 3.68        | 3.08          | 1.75          |
| 2008              |    | 75.45                                 | 44.43                                       | 5.00                | 1.93          | 9.78          | 3.73        | 2.79          | 1.82          |
| 2009              |    | 73.33                                 | 44.68                                       | 5.36                | 1.81          | 9.92          | 3.74        | 2.60          | 1.96          |
| 2010              |    | 74.34                                 | 45.58                                       | 5.48                | 1.93          | 10.14         | 4.02        | 2.58          | 2.06          |
| 2011              |    | 74.84                                 | 45.56                                       | 5.67                | 2.05          | 10.27         | 4.02        | 2.55          | 2.12          |
| 2012              |    | 76.75                                 | 45.99                                       | 6.52                | 2.23          | 10.37         | 4.07        | 2.55          | 2.07          |
| 2013              |    | 76.93                                 | 47.14                                       | 7.49                | 2.42          | 10.51         | 4.11        | 2.52          | 2.04          |
| 2014              |    | 78.54                                 | 48.88                                       | 8.79                | 2.66          | 10.58         | 4.13        | 2.43          | 2.27          |
| 2015              |    | 80.79                                 | 49.91                                       | 9.45                | 2.70          | 10.72         | 4.22        | 2.27          | 2.45          |
| 2016              |    | 80.73                                 | 48.92                                       | 8.85                | 2.75          | 10.96         | 3.91        | 2.15          | 2.52          |
| 2017              |    | 80.75                                 | 49.27                                       | 9.37                | 2.97          | 10.98         | 3.79        | 1.95          | 2.64          |
| 2018              |    | 82.55                                 | 51.19                                       | 10.96               | 3.28          | 11.16         | 3.72        | 1.83          | 2.60          |
| 2019              |    | 82.06                                 | 52.57                                       | 12.25               | 3.30          | 11.25         | 3.77        | 1.70          | 2.79          |
| 2020 <sup>o</sup> |    | 75.58                                 | 49.90                                       | 11.31               | 3.06          | 10.27         | 3.83        | 1.72          | 2.94          |
| 2019              | 1  | 82.60                                 | 52.09                                       | 11.86               | 3.07          | 11.38         | 3.74        | 1.64          | 2.63          |
|                   | 2  | 82.12                                 | 51.90                                       | 11.68               | 3.14          | 11.34         | 3.74        | 1.72          | 2.49          |
|                   | 3  | 81.89                                 | 52.19                                       | 11.94               | 3.21          | 11.30         | 3.84        | 1.71          | 2.56          |
|                   | 4  | 81.75                                 | 52.06                                       | 12.13               | 3.40          | 11.24         | 3.77        | 1.69          | 2.60          |
|                   | 5  | 81.38                                 | 51.92                                       | 12.16               | 3.24          | 11.11         | 3.76        | 1.68          | 2.73          |
|                   | 6  | 81.48                                 | 51.92                                       | 12.09               | 3.29          | 11.16         | 3.86        | 1.69          | 2.56          |
|                   | 7  | 81.00                                 | 51.80                                       | 11.82               | 3.17          | 11.15         | 3.78        | 1.70          | 2.78          |
|                   | 8  | 81.97                                 | 52.67                                       | 12.42               | 3.21          | 11.30         | 3.75        | 1.72          | 2.99          |
|                   | 9  | 81.16                                 | 52.79                                       | 12.50               | 3.34          | 11.26         | 3.75        | 1.74          | 2.93          |
|                   | 10 | 82.67                                 | 53.18                                       | 12.67               | 3.51          | 11.24         | 3.74        | 1.69          | 2.96          |
|                   | 11 | 83.47                                 | 54.16                                       | 12.86               | 3.53          | 11.26         | 3.76        | 1.73          | 3.09          |
|                   | 12 | 83.22                                 | 54.09                                       | 12.80               | 3.49          | 11.27         | 3.73        | 1.74          | 3.11          |
| 2020 <sup>o</sup> | 1  | 82.32                                 | 53.89                                       | 12.75               | 3.34          | 11.32         | 3.84        | 1.76          | 3.17          |
|                   | 2  | 81.77                                 | 53.73                                       | 12.75               | 3.40          | 11.30         | 3.84        | 1.77          | 2.97          |
|                   | 3  | 81.65                                 | 53.60                                       | 12.74               | 3.36          | 11.30         | 3.84        | 1.78          | 2.97          |
|                   | 4  | 82.08                                 | 51.72                                       | 12.01               | 2.80          | 11.34         | 3.80        | 1.76          | 2.96          |
|                   | 5  | 70.49                                 | 46.44                                       | 10.02               | 2.55          | 9.40          | 3.82        | 1.69          | 2.75          |
|                   | 6  | 69.87                                 | 47.40                                       | 10.44               | 2.80          | 9.33          | 3.89        | 1.67          | 3.01          |
|                   | 7  | 71.99                                 | 48.26                                       | 10.97               | 2.91          | 9.38          | 3.82        | 1.67          | 3.08          |
|                   | 8  | 72.95                                 | 48.49                                       | 10.58               | 2.97          | 9.87          | 3.86        | 1.71          | 3.09          |
|                   | 9  | 72.38                                 | 48.28                                       | 10.87               | 2.97          | 9.97          | 3.86        | 1.72          | 2.91          |
|                   | 10 | 72.61                                 | 48.31                                       | 10.44               | 3.14          | 10.00         | 3.81        | 1.70          | 2.87          |
|                   | 11 | 74.40                                 | 49.33                                       | 11.12               | 3.23          | 10.02         | 3.83        | 1.71          | 2.75          |
|                   | 12 | 74.75                                 | 49.54                                       | 11.06               | 3.31          | 10.06         | 3.78        | 1.73          | 2.72          |
| 2021 <sup>o</sup> | 1  | 75.40                                 | 49.89                                       | 11.12               | 3.27          | 10.17         | 3.81        | 1.73          | 2.87          |

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

1. Includes others, NGL and condensates.  
Source: IEA, Oil market report

## 9.2 세계 석유 수요

## World Oil Demand

|                         | 세계    | OECD  |          |        |                  | 비OECD        |        |        |       |               |                  |                |        |     |
|-------------------------|-------|-------|----------|--------|------------------|--------------|--------|--------|-------|---------------|------------------|----------------|--------|-----|
|                         | World | OECD  | 아메리카     | 유럽     | 아시아·<br>오세아니아    | Non-<br>OECD | 러시아    | 유럽     | 중국    | 기타<br>아시아     | 중남미              | 중동             | 아프리카   |     |
|                         |       |       | Americas | Europe | Asia-<br>Oceania |              | Russia | Europe | China | Other<br>Asia | Latin<br>America | Middle<br>East | Africa |     |
| 백만배럴/일(Million bbl/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                    | 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    |     |
| 2020 <sup>p</sup>       | 91.3  | 42.3  | 22.8     | 12.4   | 7.2              | 49.0         | 4.5    | 0.7    | 13.8  | 12.8          | 5.6              | 7.7            | 3.9    |     |
|                         |       |       |          |        |                  |              |        |        |       |               |                  |                |        |     |
| 2019                    | 1Q    | 99.4  | 47.6     | 25.4   | 13.9             | 8.3          | 51.8   | 4.6    | 13.9  | 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    | 14.4  | 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    | 14.7  | 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    | 14.2  | 13.8          | 14.5             | 6.4            | 8.2    | 4.3 |
|                         |       |       |          |        |                  |              |        |        |       |               |                  |                |        |     |
| 2020 <sup>p</sup>       | 1Q    | 93.7  | 45.3     | 24.5   | 13.0             | 7.8          | 48.4   | 4.6    | 13.0  | 11.7          | 13.5             | 5.9            | 7.8    | 4.2 |
|                         | 2Q    | 83.4  | 37.8     | 20.2   | 11.0             | 6.6          | 45.6   | 4.0    | 11.0  | 14.2          | 11.5             | 4.9            | 7.0    | 3.4 |
|                         | 3Q    | 93.5  | 43.2     | 23.3   | 13.1             | 6.8          | 50.3   | 4.7    | 13.1  | 14.4          | 12.6             | 5.8            | 8.1    | 3.9 |
|                         | 4Q    | 94.5  | 42.9     | 23.0   | 12.5             | 7.4          | 51.6   | 4.8    | 12.5  | 14.9          | 13.5             | 5.9            | 7.7    | 4.0 |

자료: 한국석유공사

Source: Korea National Oil Corporation

## 9.3 국제 석유 가격

## International Oil Prices

|                   |    | OPEC 바스켓<br>OPEC Basket | 아랍라이트<br>Arab Light | 두바이 <sup>1</sup><br>Dubai <sup>1</sup> | 브렌트 <sup>1</sup><br>Brent <sup>1</sup> | 서부텍사스 <sup>1</sup><br>WTI <sup>1</sup> | 오만 <sup>1</sup><br>Oman <sup>1</sup> |
|-------------------|----|-------------------------|---------------------|--|--|--|--------------------------------------|
|                   |    | 달러/배럴 (USD/bbl)         |                     |  |  |  |                                      |
| 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                                   | 13.3                                   | 14.4                                   | 12.1                                 |
| 1999              |    | 17.5                    | 17.4                | 17.3                                   | 18.0                                   | 19.3                                   | 17.4                                 |
| 2000              |    | 27.6                    | 26.8                | 26.3                                   | 28.5                                   | 30.3                                   | 26.8                                 |
| 2001              |    | 23.2                    | 23.1                | 22.8                                   | 24.9                                   | 26.0                                   | 22.9                                 |
| 2002              |    | 24.5                    | 24.3                | 23.9                                   | 25.0                                   | 26.2                                   | 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              |    | 61.0                    | 61.0                | 61.6                                   | 66.1                                   | 66.3                                   | 62.7                                 |
| 2007              |    | 69.5                    | 69.1                | 68.3                                   | 72.7                                   | 72.4                                   | 68.8                                 |
| 2008              |    | 94.1                    | 94.8                | 94.3                                   | 98.5                                   | 99.8                                   | 95.0                                 |
| 2009              |    | 60.9                    | 61.2                | 61.9                                   | 62.7                                   | 62.1                                   | 62.2                                 |
| 2010              |    | 77.4                    | 77.8                | 78.1                                   | 80.3                                   | 79.6                                   | 78.4                                 |
| 2011              |    | 107.4                   | 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              |    | 96.2                    | 97.1                | 96.6                                   | 99.5                                   | 92.9                                   | 96.8                                 |
| 2015              |    | 49.5                    | 49.9                | 50.7                                   | 53.6                                   | 48.8                                   | 51.1                                 |
| 2016              |    | 40.7                    | 40.9                | 41.4                                   | 45.1                                   | 43.5                                   | 42.1                                 |
| 2017              |    | 52.8                    | 53.0                | 53.2                                   | 54.7                                   | 50.9                                   | 53.5                                 |
| 2018              |    | 69.5                    | 70.3                | 69.7                                   | 71.7                                   | 64.9                                   | 70.0                                 |
| 2019              |    | 64.1                    | 65.0                | 63.5                                   | 64.2                                   | 57.0                                   | 63.9                                 |
| 2020 <sup>P</sup> |    | 41.4                    | 42.4                | 42.3                                   | 43.2                                   | 39.3                                   | 42.5                                 |
| 2019              | 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 <sup>P</sup> | 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                                 |
|                   | 3  | 33.9                    | -                   | 33.7                                   | 33.7                                   | 30.5                                   | 34.0                                 |
|                   | 4  | 17.7                    | 18.3                | 20.4                                   | 26.6                                   | 16.7                                   | 20.5                                 |
|                   | 5  | 25.2                    | 25.0                | 30.5                                   | 32.4                                   | 28.5                                   | 30.8                                 |
|                   | 6  | 37.1                    | 36.1                | 40.8                                   | 40.8                                   | 38.3                                   | 40.9                                 |
|                   | 7  | 43.4                    | 43.5                | 43.3                                   | 43.2                                   | 40.8                                   | 43.4                                 |
|                   | 8  | 45.2                    | 45.3                | 44.0                                   | 45.0                                   | 42.4                                   | 44.2                                 |
|                   | 9  | 41.5                    | 42.1                | 41.5                                   | 41.9                                   | 39.6                                   | 41.6                                 |
|                   | 10 | 40.1                    | 40.3                | 40.7                                   | 41.5                                   | 39.6                                   | 41.0                                 |
|                   | 11 | 42.6                    | 43.0                | 43.4                                   | 44.0                                   | 41.4                                   | 43.8                                 |
|                   | 12 | 49.2                    | 49.2                | 49.8                                   | 50.2                                   | 47.1                                   | 50.0                                 |
| 2021 <sup>P</sup> | 1  | 54.4                    | 54.8                | 54.8                                   | 55.3                                   | 52.1                                   | 54.8                                 |

1. 현물가격  
자료: OPEC, 석유공사

1. Spot prices  
Source: OPEC, Korea National Oil Corporation

## 부록

### Appendix



### 에너지 용어

- 냉난방도일(Heating/Cooling Degree-Days) : 매일의 일평균기온과 기준 온도의 차이를 일별로 누적하여, 일평균기온이 24℃ 보다 높은 경우는 냉방도일로, 18℃보다 낮은 경우는 난방도일로 계산
- 비에너지유(Non-Energy Use) : 나프타, 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 저장에 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"> <li>에너지통계월보 (월간)</li> <li>에너지통계연보(연간)</li> <li>에너지포커스(계간)</li> <li>지역에너지통계연보(연간)</li> <li>Energy Info. Korea(연간)</li> </ul>  | <ul style="list-style-type: none"> <li>본 연구원 주최 주요 학술세미나 및 정책토론회 초청</li> <li>에너지 및 자원분야 의문사항에 대한 해당분야 전문가 소개</li> </ul>  |
| 에너지포럼 회원   | 100만원 | <ul style="list-style-type: none"> <li>에너지통계월보 (월간)</li> <li>에너지통계연보(연간)</li> <li>에너지포커스(계간)</li> <li>에너지수요전망 보고서(분기)</li> <li>정책연구보고서(부정기)</li> <li>지역에너지통계연보(연간)</li> <li>국가에너지기본계획 보고서(5년)</li> <li>세미나 자료(부정기)</li> <li>Energy Info. Korea(연간)</li> </ul> | <ul style="list-style-type: none"> <li>인터넷 포럼회원 전용자료실을 통한 에너지 및 자원정보 제공(회원ID 및 부여)</li> <li>본 연구원 주최 주요 학술세미나 및 정책토론회 초청</li> <li>에너지 및 자원분야 의문사항에 대한 해당분야 전문가 소개</li> </ul> |
| On-line 자료 |       | <ul style="list-style-type: none"> <li>세계에너지시장 인사이트(주간)</li> </ul>  |  |

## 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<br>연락처 | 전화  |      |      |
|            | 팩스  |      |      |
|            | 전자우편                                      |      |      |
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