

EUROPEAN
COAL AND STEEL COMMUNITY

THE HIGH AUTHORITY

Investment in the Community
Coalmining and Iron and Steel
Industries

SUMMARY REPORT
on the Investment Surveys 1956-1965

AUGUST 1966

SUMMARY REPORT

**Capital expenditure and production potential
in the different areas of the Community**

from 1956 to 1965

August 1966

INTRODUCTION

The High Authority has regularly published midway through each year since 1956 a report giving the results of its survey as at January 1 on investment in the Community coalmining and iron and steel industries. The report is sent to the E.C.S.C. enterprises, to the members of the European Parliament, to the Government Departments responsible for the coal and steel sectors, to the employers' and workers' organizations, and to other persons and bodies directly concerned; it is also obtainable from the Publications Department of the European Communities.

In order to keep the statistical tables within manageable proportions, it has been found necessary in recent reports to omit the figures for some previous years, so that readers wishing to obtain a full picture of developments since 1956 were obliged to refer to a larger and larger number of reports. The present publication, which was compiled in conjunction with the evaluation of the January 1, 1966, survey, offers the relevant data in a more convenient form, giving once again the basic definitions adopted and recapitulating all the statistics shown, by producer areas and producer sectors, in the annual reports from 1956 to 1965, including more particularly

- (a) capital expenditure in each year from 1954 to 1964 ;
- (b) production potential as existing in each year from 1955 to 1965.

BASIC DEFINITIONS

To ensure that the figures obtained shall be comparable, the High Authority has adopted the following definitions.

I — INVESTMENT

(a) Capital expenditure

Capital expenditure means all expenditure shown or to be shown on the credit side of the balance-sheet as fixed assets in the year under review, except in respect of the collieries and pithead power-stations where the expenditure to be shown is that which would have been, or would be, entered on the credit side of the balance-sheet in accordance with Document AM 43 (*Directives relatives au calcul de l'amortissement des biens investis dans l'industrie charbonnière de la C.E.C.A.*), drawn up by the study committee of the coal producers of Western Europe (CEPCEO).

The term does not, however, cover the financing of workers' housing schemes, financial participation and all investment not directly connected with Treaty products (chemical and synthetic products other than the conventional by-products of coking-plants, castings, tubes, etc).

(b) Unit of account

The unit adopted is the *dollar* unit of account of the European Payment Union (E.P.U.) and subsequently that of the *European Monetary Agreement* (E.M.A.). Their equivalents in national currencies are given in the following table :

Country	Currency	Up to and including 1956	1957	1958	1959 and 1960	1961	1962 and onwards
Germany (F.R.)	DM	4.20	4.20	4.20	4.20	4.03 ⁽⁴⁾	4.00
Belgium/Luxembourg	Bfr./Lfr.	50	50	50	50	50	50
France ⁽¹⁾	Ffr. ⁽²⁾	350	377 ⁽³⁾	420	4.937 ⁽³⁾	4.937	4.937
Italy	Lit.	625	625	625	625	625	625
Netherlands	Hfl.	3.80	3.80	3.80	3.80	3.65 ⁽⁵⁾	3.62

⁽¹⁾ And Saar up to July 5, 1959.

⁽²⁾ N.F. as from January 1, 1959.

⁽³⁾ Mean between official rate of exchange in force from January 1 to August 11, 1957 (350) and that in force from August 12 to December 31, 1957. (420).

⁽⁴⁾ Mean between official rate of exchange in force from January 1 to March 3, 1961 (4.20), and that in force from March 4 to December 31, 1961 (4.00).

⁽⁵⁾ Mean between official rate of exchange in force from January 1 to March 3, 1961 (3.80), and that in force from March 4 to December 31, 1961 (3.62).

(c) Capital-goods price indices

The statistics for the annual investment surveys are compiled from the enterprises' declarations at the ruling prices for the year concerned, the figures being converted into dollar units of account at the official rates shown above.

Although it is extremely difficult to work out capital-goods price indices applying to all the Community industries and countries, the High Authority's publication of 1963, *La C.E.C.A. 1952-1962 ; Résultats, Limites, Perspectives*, suggests (p.104) the following, basis 1961 = 100, and brought up to date for the succeeding years :

1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
81.6	80.5	79.9	82.1	85.4	89.9	92.9	94.9	97.2	100.0	104.8	109.7	116.3

The figures in this report can thus be converted to 1961 prices by applying the index for the year concerned to the annual expenditures recorded.

II — MINING INDUSTRIES**(a) Coal**

Extraction potential. — The figures shown represent the net maximum output technically achievable, allowing for the performance capacity of the different installations at the collieries (underground, surface, washeries), and assuming that it is not impeded by marketing difficulties, strikes or manpower shortages.

A number of mines with a low output, including the German "small mines", have not been included as regards either capital expenditure or production potential. Their 1955 production worked at about 1 % of the total ; by 1965 the proportion had shrunk to about 0.7 %.

(b) Coke

Production potential. — The figures shown represent the maximum annual coke production achievable with the plant in operation at a given date, taking into account the minimum coking time technically allowable for the normal composition of the coking blend, with due regard to the state of the ovens and the performance capacity of the ancillary and auxiliary installations. It is assumed that a ready market and unlimited raw-material supplies are assured.

(c) Pithead power-stations

Maximum electric capacity of a power-station means the maximum electric power that could be produced throughout several hours of continuous operation with all plant in full working order and with adequate fuel stocks of normal quality, and assuming that there exist no restrictive external factors (fuel of inferior quality, shortage of cooling water, inadequacy of the network receiving the power produced, etc.), but taking full account of all plant limitations that may arise out of the maximum electric capacity of each component of the main plant and auxiliaries of the station.

The net output represents the maximum power that can be supplied, measured at the station busbars after deducting the electric power taken by the station auxiliaries and the losses in the station transformers, if any.

Current produced means the net production of electric current measured at the station busbars after deducting the electric current taken by the station auxiliaries and the losses in the station transformers, if any.

(d) Iron ore

Extraction potential. — The figures shown represent the maximum continuous output which can be achieved by each mine, allowing for the performance capacity of the different installations (underground, surface, ore-preparation plant where the ore is sold only after treatment) and for estimated manpower availabilities during the year under consideration.

Geographical breakdown: —

In the tables, the orefields other than those mentioned by name are

Central and Southern Germany: Sauerland-Waldeck, Lahn-Dill, Taunus-Hunsrück,
Upper Hesse ;

Other German fields : Dogger orefield, Kreide orefield.

III — IRON AND STEEL INDUSTRY

(a) Production potential

Sinter, pig-iron, crude-steel and rolled-products production potential means the maximum production which can effectively be achieved by all the different sections of the plant together, allowing for possible bottlenecks in one section holding up all the others. This maximum possible production is defined as follows.

“ Maximum possible production is the maximum production which it is possible to attain during the year under normal working conditions, with due regard for repairs, maintenance and the usual holidays, employing the plant available at the beginning of the year but also taking into account both additional production from any new plant installed and any existing plant to be finally taken off production in the course of the year. Production estimates must be based on the probable composition ratios of the charge in each plant concerned, on the assumption that the raw materials will be available.”

In the case of steels produced mainly from pig-iron, the production potential is estimated in respect of the blast-furnaces and steelworks as a whole and not each steelworks individually.

The capital expenditure of a number of very small iron and steel works has not been included in this survey : their production potentials have throughout the period 1955-65 represented a very small per centage of the Community total, varying from sector to sector but in general not exceeding 0.8 % for crude steel and 1.5 % for rolled products.

(b) Steelworks-owned power-stations

See "Mining Industries," Section II, c for definitions of maximum capacity and electric current.

(c) Geographical breakdown

In the tables, the producer regions other than those mentioned by name are

Northern Germany : Länder Schleswig-Holstein, Lower Saxony, Hamburg, Bremen ;

Southern Germany : Länder Hessen, Rhineland/Palatinate, Baden-Württemberg, Bavaria ;

Eastern France : Departments of Ardennes, Aube, Doubs, Haute-Marne, Meurthe-et-Moselle, Meuse, Vosges, Territoire de Belfort, Haute-Saône, Moselle, Bas-Rhin, Haut-Rhin ;

Northern France : Departments of Aisne, Nord, Oise, Pas-de-Calais, Seine, Seine-et-Oise, Seine-et-Marne, Somme ;

France - other areas : all other Departments.

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HARD-COAL INDUSTRY Total

TABLE I

Capital Expenditure by Coalfields

'000,000 dollars (E.M.A. units of account)

Coalfield	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Ruhr	175.71	175.46	166.80	207.44	209.51	191.01	192.57	196.30	190.05	164.72	168.50
Aachen	11.16	9.77	9.64	12.49	14.27	12.46	13.33	18.09	19.51	10.22	6.93
Lower Saxony	9.82	3.71	3.74	6.51	6.23	6.47	4.19	5.06	4.98	5.25	4.64
Saar	19.36	18.96	26.30	32.95	36.15	29.05	31.46	33.82	32.92	36.46	21.29
<i>Germany (F.R.)</i>	<i>216.05</i>	<i>207.90</i>	<i>206.48</i>	<i>259.39</i>	<i>266.16</i>	<i>238.99</i>	<i>241.55</i>	<i>253.27</i>	<i>247.46</i>	<i>216.65</i>	<i>201.36</i>
Campine ⁽¹⁾	16.89	15.76	20.42	20.95	20.01	12.96	10.98	14.06	7.64	11.65	7.66
Southern Belgium ⁽¹⁾	30.07	25.27	37.56	41.08	45.71	38.83	20.16	18.48	16.45	16.96	15.66
Dutch Limburg ⁽¹⁾	15.41	19.67	16.63	18.56	14.52	19.14	11.11	14.20	21.97	18.75	13.22
<i>Belgium and Netherlands</i>	<i>74.09</i>	<i>66.00</i>	<i>79.84</i>	<i>85.89</i>	<i>88.86</i>	<i>77.97</i>	<i>44.40</i>	<i>49.77</i>	<i>50.64</i>	<i>50.22</i>	<i>38.53</i>
Nord/Pas-de-Calais	55.18	57.14	48.76	54.25	44.43	41.81	44.41	38.24	33.11	24.06	17.38
Lorraine	52.83	45.55	45.47	43.68	38.98	25.85	24.95	28.29	23.03	20.17	17.64
Centre-Midi	24.14	14.99	13.39	18.48	25.00	19.55	13.89	9.52	7.70	9.82	9.62
Independent plants ⁽²⁾	16.46	11.08	7.24	1.04	0.41	0.21	0.16	0.28	0.10	0.94	1.64
<i>France</i>	<i>148.61</i>	<i>128.76</i>	<i>114.86</i>	<i>117.45</i>	<i>108.82</i>	<i>87.42</i>	<i>83.41</i>	<i>76.33</i>	<i>63.94</i>	<i>54.99</i>	<i>46.28</i>
<i>Italy</i>	<i>6.69</i>	<i>5.53</i>	<i>3.72</i>	<i>8.64</i>	<i>5.27</i>	<i>1.70</i>	<i>1.61</i>	<i>0.89</i>	<i>4.41</i>	<i>3.55</i>	<i>4.53</i>
Total	445.44	408.19	404.90	471.37	469.11	406.08	370.97	380.26	366.45	325.41	290.70

⁽¹⁾ Exclusive of mine-owned and independent coking-plants, which are, however, included in the total for Belgium and the Netherlands.⁽²⁾ Up to 1957, coking and briquetting plants; after 1958, briquetting plants only.

HARD-COAL COLLIERIES

TABLE II
Capital Expenditure by Coalfields

'000,000 dollars (E.M.A. units of account)

Coalfield	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Ruhr	83.23	103.14	97.76	121.51	122.05	100.66	107.94	124.51	117.14	109.29	115.88
Aachen	9.07	8.61	7.62	7.37	12.54	10.78	8.51	10.36	10.79	8.18	5.73
Lower Saxony	4.09	2.60	3.39	5.41	5.34	6.03	4.01	4.42	3.61	4.55	3.90
Saar	15.16	11.97	16.21	19.80	18.76	15.39	19.55	24.03	19.06	20.50	15.53
<i>Germany (F.R.)</i>	<i>111.55</i>	<i>126.32</i>	<i>124.98</i>	<i>154.09</i>	<i>158.69</i>	<i>132.86</i>	<i>140.01</i>	<i>163.32</i>	<i>150.60</i>	<i>142.52</i>	<i>141.04</i>
Campine	13.45	12.89	17.20	18.33	17.01	9.52	6.95	6.48	7.08	10.61	6.35
Southern Belgium	24.58	22.87	25.19	27.22	21.46	13.81	9.54	8.92	8.10	10.39	10.67
<i>Belgium</i>	<i>38.03</i>	<i>35.76</i>	<i>42.39</i>	<i>45.55</i>	<i>38.47</i>	<i>23.33</i>	<i>16.49</i>	<i>15.40</i>	<i>15.18</i>	<i>21.00</i>	<i>17.02</i>
<i>Netherlands</i> (Limburg)	<i>11.60</i>	<i>16.87</i>	<i>12.96</i>	<i>12.55</i>	<i>12.63</i>	<i>18.63</i>	<i>9.57</i>	<i>12.05</i>	<i>15.71</i>	<i>12.39</i>	<i>9.92</i>
Nord/Pas-de-Calais	38.42	36.86	30.69	29.63	24.94	25.27	31.57	22.15	13.73	14.33	11.15
Lorraine	28.07	27.84	27.16	26.73	21.43	16.40	18.83	14.34	18.23	18.40	15.97
Centre/Midi	12.84	10.35	10.21	11.30	11.14	9.78	8.52	7.47	5.93	7.17	7.78
<i>France</i>	<i>79.33</i>	<i>75.05</i>	<i>68.06</i>	<i>67.66</i>	<i>57.51</i>	<i>51.45</i>	<i>58.92</i>	<i>43.96</i>	<i>37.89</i>	<i>39.90</i>	<i>34.90</i>
<i>Italy</i> (Sulcis and La Thuile) ..	<i>1.28</i>	<i>2.40</i>	<i>0.17</i>	<i>1.60</i>	<i>1.12</i>	<i>0.55</i>	<i>1.00</i>	<i>0.61</i>	<i>1.12</i>	<i>1.68</i>	—
Total	241.79	256.40	248.56	281.45	268.42	226.82	225.99	235.34	220.50	217.49	202.88

MINE-OWNED AND INDEPENDENT COKING-PLANTS ⁽¹⁾
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TABLE III

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Mine-owned coking-plants											
Ruhr	32.55	24.83	22.00	29.91	34.78	32.92	19.62	18.60	17.11	10.13	12.89
Aachen	1.43	0.34	1.37	4.65	1.18	0.55	0.31	1.12	0.52	0.30	0.35
Lower Saxony	0.01	0.05	0.06	—	—	—	—	—	—	—	—
Saar	2.31	2.03	3.73	5.60	11.39	7.98	2.26	1.18	5.39	4.19	0.92
Germany (F.R.)	36.30	27.25	27.16	40.16	47.35	41.45	22.19	20.90	23.02	14.62	14.16
Belgium and the Netherlands ..	9.70	4.85	4.18	3.34	3.05	3.49	1.08	1.87	2.74	1.22	0.61
Nord/Pas-de-Calais	7.29	7.61	5.40	8.17	8.00	6.78	5.02	6.47	4.43	1.63	1.34
Lorraine	13.55	12.01	8.81	5.69	2.07	1.64	4.15	12.65	4.47	0.97	0.60
Centre/Midi	1.01	0.50	0.68	2.12	2.93	2.44	1.25	1.21	1.18	0.59	0.57
France	21.85	20.12	14.89	15.98	13.00	10.86	10.42	20.33	10.08	3.19	2.51
Total	67.85	52.22	46.23	59.48	63.40	55.80	33.69	43.10	35.84	19.03	17.28
Independent coking-plants											
Belgium and the Netherlands ..	2.02	0.45	1.05	1.96	5.57	3.55	1.07	1.16	1.84	1.64	1.38
France ⁽²⁾	15.47	10.31	6.63	—	—	—	—	—	—	—	—
Italy	2.00	1.56	3.39	6.59	3.27	1.10	0.58	0.28	3.29	1.87	4.53
Total	19.49	12.32	11.07	8.55	8.84	4.65	1.65	1.44	5.13	3.51	5.91
Grand Total	87.34	64.54	57.30	68.03	72.24	60.45	35.34	44.54	40.97	22.54	23.19

⁽¹⁾ Including low and medium-temperature coking-plants.⁽²⁾ Exclusive of Gaz de France from 1957.

HARD-COAL BRIQUETTING-PLANTS

TABLE IV
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Ruhr	1.58	2.42	0.96	0.91	0.50	1.05	0.22	0.12	0.82	2.07	0.65
Aachen	—	0.09	0.07	0.16	—	0.14	—	0.17	0.51	0.33	0.21
Lower Saxony	0.05	0.08	0.01	0.01	0.03	0.12	0.11	0.46	0.51	0.24	0.11
<i>Germany (F.R.)</i>	<i>1.63</i>	<i>2.59</i>	<i>1.04</i>	<i>1.08</i>	<i>0.53</i>	<i>1.31</i>	<i>0.33</i>	<i>0.75</i>	<i>1.84</i>	<i>2.64</i>	<i>0.97</i>
Campine	—	—	—	—	—	—	—	—	—	0.36	1.02
Southern Belgium	0.49	0.81	0.72	0.96	0.85	0.61	0.59	0.56	1.27	2.80	2.35
<i>Belgium</i>	<i>0.49</i>	<i>0.81</i>	<i>0.72</i>	<i>0.96</i>	<i>0.85</i>	<i>0.61</i>	<i>0.59</i>	<i>0.56</i>	<i>1.27</i>	<i>3.16</i>	<i>3.37</i>
<i>Netherlands (Limburg)</i>	<i>0.24</i>	<i>0.27</i>	<i>0.36</i>	<i>0.02</i>	<i>0.06</i>	<i>0.05</i>	<i>1.26</i>	<i>0.38</i>	<i>1.18</i>	<i>0.37</i>	<i>0.14</i>
Nord/Pas-de-Calais	0.57	1.95	0.86	1.38	0.98	2.31	3.46	1.27	0.31	0.91	2.79
Centre/Midi	0.66	0.93	0.92	0.26	0.63	0.89	1.28	0.19	0.37	1.52	0.18
Independent plants	0.99	0.77	0.61	1.04	0.41	0.21	0.16	0.28	0.10	0.94	1.64
FRANCE	2.22	3.65	2.39	2.68	2.02	3.41	4.90	1.74	0.78	3.37	4.61
Total	4.58	7.32	4.51	4.74	3.46	5.38	7.08	3.43	5.07	9.54	9.09

PITHEAD POWER-STATIONS ⁽¹⁾
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TABLE V
Capital Expenditure by Areas

¹000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Ruhr	58.35	45.07	46.08	55.11	52.18	56.38	64.79	53.07	54.98	43.23	39.08
Aachen	8.22	6.67	7.22	8.95	7.41	6.99	14.23	15.23	17.02	13.04	6.11
Lower Saxony											
Saar											
<i>Germany (F.R.)</i>	66.57	51.74	53.30	64.06	59.59	63.37	79.02	68.30	72.00	56.87	45.19
Campine	3.44	2.87	3.22	2.62	3.00	3.44	4.03	7.58	0.56	0.68	0.29
Southern Belgium	5.00	1.59	11.65	12.90	23.40	24.41	10.03	9.00	7.08	3.77	2.64
<i>Belgium</i>	8.44	4.46	14.87	15.52	26.40	27.85	14.06	16.58	7.64	4.45	2.93
<i>Netherlands</i> (Limburg)	3.57	2.53	3.31	5.99	1.83	0.46	0.28	1.77	5.08	5.99	3.16
Nord/Pas-de-Calais	8.90	10.72	11.81	15.07	10.51	7.45	4.36	8.35	14.64	7.19	2.10
Lorraine	11.21	5.70	9.50	11.26	15.48	7.81	1.97	1.30	0.33	0.80	1.07
Centre/Midi	9.63	3.21	1.50	4.80	10.30	6.44	2.84	0.65	0.22	0.54	1.09
<i>France</i>	29.74	19.63	22.89	31.13	36.29	21.70	9.17	10.30	15.19	8.53	4.26
<i>Italy</i> (Sulcis and La Thuile) ..	3.41	1.57	0.16	0.45	0.88	0.05	0.03	—	—	—	—
Total	111.73	79.93	94.53	117.15	124.99	113.43	102.56	96.95	99.91	75.84	55.54

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

HARD COAL

TABLE VI
Extraction Potential by Coalfields

'000,000 metric tons net

Coalfield	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Ruhr	127.7	130.4	129.1	128.0	132.7	125.6	125.1	125.2	123.7	124.9	123.3
Aachen	7.5	7.6	7.8	8.1	8.4	8.0	8.2	8.3	7.8	8.2	8.2
Lower Saxony	2.7	2.5	2.2	2.3	2.3	2.3	2.0	2.1	2.2	2.3	2.4
Saar	17.6	17.7	17.8	17.1	16.6	16.5	16.2	16.7	16.8	16.4	16.3
<i>Germany (F.R.)</i>	<i>155.5</i>	<i>158.1</i>	<i>156.9</i>	<i>155.5</i>	<i>160.0</i>	<i>152.4</i>	<i>151.5</i>	<i>152.3</i>	<i>150.5</i>	<i>151.8</i>	<i>150.2</i>
Campine	10.5	10.8	10.5	10.9	11.1	11.3	11.6	11.7	11.8	11.9	11.1
Southern Belgium	21.9	22.3	20.7	21.1	19.6	15.9	14.0	13.0	12.6	12.2	11.7
<i>Belgium</i>	<i>32.4</i>	<i>33.1</i>	<i>31.2</i>	<i>32.0</i>	<i>30.7</i>	<i>27.2</i>	<i>25.6</i>	<i>24.7</i>	<i>24.4</i>	<i>24.1</i>	<i>22.8</i>
<i>Netherlands (Limburg)</i>	<i>13.0</i>	<i>13.0</i>	<i>13.0</i>	<i>11.8</i>	<i>12.2</i>	<i>12.3</i>	<i>12.4</i>	<i>12.8</i>	<i>12.7</i>	<i>12.2</i>	<i>12.3</i>
Nord/Pas-de-Calais	29.4	29.7	29.8	29.6	30.0	30.0	29.0	28.4	28.2	27.5	26.2
Lorraine	13.6	14.0	14.4	14.8	15.3	15.7	15.5	15.0	15.0	15.0	15.5
Centre/Midi	13.0	13.0	13.4	13.6	13.5	13.1	12.0	12.0	11.6	11.4	10.4
<i>France</i>	<i>56.0</i>	<i>56.7</i>	<i>57.6</i>	<i>58.0</i>	<i>58.8</i>	<i>58.8</i>	<i>56.5</i>	<i>55.4</i>	<i>54.8</i>	<i>53.9</i>	<i>52.1</i>
<i>Italy (Sulcis and La Thuile)</i> ..	<i>1.4</i>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.5</i>	<i>0.7</i>
Total	258.3	262.0	259.8	258.4	262.5	251.5	246.8	246.0	243.2	242.5	238.1

N.B. The above table does not take into account the extraction potential of some mines of small capacity of which the "small" German mines.

COKE

TABLE VII a

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Mine-owned coking-plants											
Ruhr	36.9	38.6	39.6	39.3	39.3	40.3	40.1	38.1	36.7	35.2	34.9
Aachen ⁽¹⁾	1.3	1.3	1.5	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.9
Lower Saxony	0.3	0.2	0.2	0.2	0.2	0.1	—	—	—	—	—
Saar	0.9	0.9	0.8	0.8	1.3	1.6	1.5	1.5	1.4	1.5	1.3
<i>Germany (F.R.)</i>	<i>39.4</i>	<i>41.0</i>	<i>42.1</i>	<i>42.1</i>	<i>42.6</i>	<i>43.9</i>	<i>43.5</i>	<i>41.5</i>	<i>40.0</i>	<i>38.6</i>	<i>38.1</i>
<i>Belgium and the Netherlands</i> ..	<i>4.3</i>	<i>4.2</i>	<i>4.3</i>	<i>4.4</i>	<i>4.5</i>	<i>4.5</i>	<i>4.4</i>	<i>4.3</i>	<i>4.4</i>	<i>4.3</i>	<i>4.4</i>
Nord/Pas-de-Calais	3.9	4.2	4.3	4.3	4.6	4.9	5.0	5.0	5.2	5.2	5.2
Lorraine	1.0	1.5	1.5	1.7	1.9	1.9	1.9	2.3	2.6	2.7	2.8
Centre/Midi	0.6	0.6	0.6	0.6	0.8	0.8	0.8	0.9	0.9	0.9	0.9
<i>France</i>	<i>5.5</i>	<i>6.3</i>	<i>6.4</i>	<i>6.6</i>	<i>7.3</i>	<i>7.6</i>	<i>7.7</i>	<i>8.2</i>	<i>8.7</i>	<i>8.8</i>	<i>8.9</i>
Total	49.2	51.5	52.8	53.1	54.4	56.0	55.6	54.0	53.1	51.7	51.4
Independent coking-plants											
<i>Belgium and the Netherlands</i> ..	<i>1.8</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>1.7</i>	<i>1.6</i>	<i>1.6</i>	<i>1.5</i>	<i>1.4</i>
<i>France</i> ⁽²⁾	<i>2.0</i>	<i>2.2</i>	—	—	—	—	—	—	—	—	—
<i>Italy</i>	<i>1.9</i>	<i>2.1</i>	<i>2.3</i>	<i>2.3</i>	<i>2.3</i>	<i>2.4</i>	<i>2.5</i>	<i>2.5</i>	<i>2.4</i>	<i>2.4</i>	<i>2.4</i>
Total	5.7	6.2	4.2	4.2	4.2	4.3	4.2	4.1	4.0	3.9	3.8
Steelworks-owned coking-plants											
<i>Germany (F.R.)</i>	<i>8.2</i>	<i>9.2</i>	<i>9.7</i>	<i>9.8</i>	<i>10.4</i>	<i>11.0</i>	<i>11.1</i>	<i>11.1</i>	<i>11.1</i>	<i>10.2</i>	<i>8.5</i>
<i>Belgium and the Netherlands</i> ..	<i>5.1</i>	<i>5.4</i>	<i>5.7</i>	<i>5.8</i>	<i>5.8</i>	<i>6.0</i>	<i>6.3</i>	<i>6.4</i>	<i>6.8</i>	<i>6.5</i>	<i>6.5</i>
<i>France</i>	<i>4.1</i>	<i>4.2</i>	<i>4.4</i>	<i>4.4</i>	<i>4.6</i>	<i>4.6</i>	<i>4.6</i>	<i>4.6</i>	<i>4.7</i>	<i>4.6</i>	<i>4.4</i>
<i>Italy</i>	<i>1.3</i>	<i>1.3</i>	<i>1.4</i>	<i>1.5</i>	<i>1.4</i>	<i>2.2</i>	<i>2.3</i>	<i>2.5</i>	<i>2.6</i>	<i>2.3</i>	<i>3.7</i>
Total	19.0	20.1	21.2	21.5	22.2	23.8	24.3	24.6	25.2	23.6	23.1
Grand Total	78.9	77.8	78.2	78.8	80.8	84.1	84.1	82.7	82.3	79.2	78.3

⁽¹⁾ Including electrode coke.⁽²⁾ Exclusive of Gaz de France from 1957.

COKING-PLANTS

Technical Data

TABLE VIII - 1

Coal Input and Coke Output
(Mine-Owned, Independent and Steelworks-Owned Coking-Plants)

Type of coal	1954		1955		1956		1957		1958		1959	
	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%
Group V ⁽¹⁾	62,341	78.9	70,770	77.9	73,822	74.8	77,815	76.5	72,061	75.1	68,590	75.7
Group VI ⁽¹⁾	11,795	14.9	14,541	16.0	19,506	19.8	17,877	17.6	18,566	19.4	16,958	18.7
Other groups	4,680	5.9	5,215	5.7	4,806	4.9	5,395	5.3	4,735	4.9	4,470	4.9
Coke breeze and low-temperature coke breeze	228	0.3	366	0.4	465	0.5	564	0.6	576	0.6	636	0.7
Total	79,044	100.0	90,892	100.0	98,599	100.0	101,651	100.0	95,938	100.0	90,654	100.0
Coke production	'000 metric tons	output kg/t ⁽²⁾	'000 metric tons	output kg/t ⁽²⁾	'000 metric tons	output kg/t ⁽²⁾	'000 metric tons	output kg/t ⁽²⁾	'000 metric tons	output kg/t ⁽²⁾	'000 metric tons	output kg/t ⁽²⁾
	59,585	753.8	68,850	757.5	75,097	761.6	77,428	761.7	72,799	758.8	68,394	754.5
Oil input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input
	..	..	43,900	0.047	50,751	0.051	29,658	0.029	39,808	0.041	45,527	0.050

⁽¹⁾ The breakdown between Groups V and VI is partially estimated.

⁽²⁾ Output of coke (ton for ton) for coal input (also ton for ton). The figure is of practical value; considerable variations may, however, arise as a result of variations in the moisture content of the coal input and the coke produced.

	1954	1955	1956	1957	1958	1958	
a) Coke-oven gas delivered	'000,000 stand. cub. m.	25 560	29 960	32 848	34 064	31 945	30 310
b) Gas output	stand. cub.m. per ton of wet-charged coal ...	323	330	333	335	333	334
c) Coke-oven gas delivered to outside enterprises or for consumption other than d)	'000,000 stand. cub. m.	17 749	20 335	22 196	22 937	21 484	21 117
	% of a)	(69.4)	(67.9)	(67.6)	(67.3)	(67.3)	(69.7)
d) Consumption for heating oven :							
1. Coke-oven gas	'000,000 stand. cub.m.	7 911	9 625	10 652	11 127	10 461	9 193
	% of 4.	(68.0)	(70.8)	(72.7)	(71.5)	(67.1)	(67.1)
2. Producer gas	'000,000 stand. cub.m.	1 534	1 119	1 331	914	815	1 165
	% of 4.	(7.9)	(8.9)	(6.0)	(6.5)	(8.5)	(8.5)
3. Blast-furnace and other gases ..	'000,000 stand. cub.m.	..	3 408	3 053	3 270	3 351	3 349
	% of 4. ....	..	(24.1)	(20.3)	(21.3)	(22.9)	(24.4)
4. Total consumption of gas for heating ovens	'000,000 stand. cub. m.	..	14 152	15 036	15 311	14 627	13 707
		..	(100.0)	(100.0)	(100.0)	(100.0)	(100.0)
e) Specific consumption in kcal/kg. of dry-charged coal (assuming an average moisture content of 8 %) .....		..	728	713	704	713	707

N.B. The gas volumes have been calculated on the basis of a calorific power of 4,300 Kilocalories per standard cubic metre by 0° C and 760 mm Hg.

TABLE VIII - 2

Coal Input and Coke Output
(Mine-Owned, Independent and Steelworks-Owned Coking-Plants)

COKING-PLANTS

Technical Data

Type of coal	1960		1961		1962		1963		1964		1965	
	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%	'000 metric tons	%
Group V (1)	70,900	73.7	71,978	75.0	70,672	75.0	69,407	75.4	73,157	76.5	72,947	75.7
Group VI (1)	19,496	20.3	18,285	19.1	18,202	19.3	17,850	19.4	17,782	18.6	18,202	18.9
Other groups	4,985	5.2	4,915	5.1	4,621	4.9	3,932	4.3	3,896	4.1	4,408	4.6
Coke breeze and low-temperature coke breeze	788	0.8	727	0.8	781	0.8	873	0.9	793	0.8	733	0.8
Total	96,169	100.0	95,905	100.0	94,276	100.0	92,062	100.0	95,628	100.0	96,290	100.0
	'000 metric tons	out-put kg/t (2)	'000 metric tons	out-put kg/t (2)	'000 metric tons	out-put kg/t (2)	'000 metric tons	out-put kg/t (2)	'000 metric tons	out-put kg/t (2)	'000 metric tons	out-put kg/t (2)
Coke production	72,176	750.5	71,746	748.1	70,645	749.3	69,301	752.8	71,449	747.2	72,684	754.8
	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input	metric tons	% of total input
Oil input	59,099	0.061	59,083	0.062	60,272	0.064	67,778	0.074	50,375	0.053	44,887	0.047

(1) The breakdown between Groups V and VI is partially estimated.

(2) Output of coke (ton for ton) for coal input (also ton for ton). The figure is of practical value; considerable variations may, however, arise as a result of variations in the moisture content of the coal input and the coke produced.

	1960	1961	1962	1963	1964	1965	
a) Coke-oven gas delivered	'000,000 stand. cub. m.	32 297	32 230	31 882	30 888	32 638	32 791
b) Gas output	stand. cub. m per ton of wet-charged coal ...	336	336	338	335	341	341
c) Coke-oven gas delivered to outside enterprises or for consumption other than d)	'000,000 stand. cub. m.	22 665	22 359	22 203	21 678	22 277	21 839
	% of a)	(70,2)	(69,4)	(69,6)	(70,2)	(68,3)	(66,3)
d) Consumption for heating oven :							
1. Coke-oven gas	'000,000 stand. cub. m.	9 632	9 871	9 679	9 210	10 361	11 046
	% of 4)	(67,4)	(68,6)	(68,1)	(67,6)	(71,8)	(72,5)
2. Producer gas	'000,000 stand. cub. m.	1 179	1 094	1 351	1 350	676	763
	% of 4)	(8,2)	(7,6)	(9,5)	(9,9)	(4,7)	(5,0)
3. Blast-furnace and other gases ..	'000,000 stand. cub. m.	3 489	3 434	3 177	3 064	3 387	3 434
	% of 4)	(24,4)	(23,8)	(22,4)	(22,4)	(23,5)	(22,5)
4. Total consumption of gas for heating ovens	'000,000 stand. cub. m.	14 300	14 399	14 207	13 624	14 424	15 243
	(100,0)	(100,0)	(100,0)	(100,0)	(100,0)	(100,0)	(100,0)
e) Specific consumption in kcal/kg. of dry-charged coal (assuming an average moisture content of 8 %)		695	702	704	692	705	740

N.B. The gas volumes have been calculated on the basis of a calorific power of 4,300 Kilcalories per standard cubic metre by 0° C and 760 mm Hg.

HARD-COAL BRIQUETTES

TABLE IX

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Ruhr	7.5	8.2	7.8	7.0	6.7	6.0	5.3	5.0	5.0	5.0	5.1
Aachen	0.5	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.8	0.9	0.9
Lower Saxony	0.5	0.5	0.5	0.5	0.4	0.5	0.5	0.5	0.6	0.6	0.6
<i>Germany (F.R.)</i>	8.5	9.3	8.9	8.1	7.8	7.1	6.5	6.2	6.4	6.5	6.6
Campine	—	—	—	—	—	—	—	—	—	—	0.1
Southern Belgium	2.3	2.4	2.5	2.4	2.5	2.4	2.1	2.4	2.5	3.0	2.7
<i>Belgium</i>	2.3	2.4	2.5	2.4	2.5	2.4	2.1	2.4	2.5	3.0	2.8
<i>Netherlands (Limburg)</i>	1.3	1.3	1.4	1.1	1.1	1.2	1.3	1.4	1.6	1.7	1.8
Lorraine	—	0.2	0.2	0.2	0.2	—	—	—	—	—	—
Nord/Pas-de-Calais	4.6	3.6	3.7	3.8	3.8	3.9	4.1	4.2	4.0	4.2	4.3
Centre/Midi	2.2	2.7	2.7	2.2	2.2	2.1	1.9	1.9	1.9	2.0	2.0
Independent plants	2.2	2.5	2.8	2.5	2.5	1.8	1.6	1.2	1.5	1.2	1.5
<i>France</i>	9.0	9.0	9.4	8.7	8.7	7.8	7.6	7.3	7.4	7.4	7.8
Total	21.1	22.0	22.2	20.3	20.1	18.5	17.5	17.3	17.0	18.6	19.0

ELECTRIC CURRENT

TABLE X

Electric Capacity of Pithead Power-Stations (1) by areas

in MW

Area	Beginning of each Year											
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966
Ruhr	1,727	1,920	2,034	2,409	2,754	3,113	3,513	4,000	4,323	4,275	4,271	4,153
Aachen	527	502	492	642	610	713	677	676	728	1,111	1,097	1,091
Lower Saxony												
Saar												
Germany (F.R.)	2,254	2,422	2,526	3,051	3,364	3,826	4,190	4,676	5,051	5,336	5,368	5,244
Campine	253	272	286	303	303	299	419	407	407	407	409	409
Southern Belgium	388	385	369	369	371	594	810	793	768	886	868	866
Belgium	641	657	655	672	674	893	1,229	1,200	1,175	1,293	1,277	1,275
Netherlands (Limburg)	283	369	360	359	401	399	351	351	351	418	405	470
Nord/Pas-de-Calais	856	981	975	976	1,206	1,321	1,321	1,321	1,193	1,360	1,406	1,406
Lorraine	475	476	483	473	566	686	686	686	698	713	713	723
Centre/Midi	459	460	450	461	461	565	565	565	564	564	564	557
France	1,790	1,917	1,908	1,910	2,233	2,572	2,572	2,572	2,455	2,637	2,683	2,686
Italy (Sulcis and La Thuile) ..	—	64	64	64	64	64	64	64	—	—	—	—
Total	4,968	5,429	5,513	6,056	6,736	7,754	8,406	8,863	9,032	9,734	9,733	9,675

(1) Pithead power-stations proper and power-generating plant at mines.

TABLE XI a - 1
Specific Consumption of Coal 1955 ^(a)

PITHEAD
POWER-STATIONS ⁽¹⁾

Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1955 - beginning 1956)
H = Load-hours per annum 1955

} by type of specific consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Not specified		Total		
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	C	P	H
Ruhr	1,529	320.5	4,771	2,797	492.5	5,679	2,010	360.5	5,576	1,667	342.5	4,867	1,204	255.0	4,722	256	52.5	9,463	1,823.5	5,189
Aachen	—	—	—	149	25.0	5,960	415	74.0	5,608	35	9.0	3,889	5	9.0	556	—	—	604	117.0	5,162
Lower Saxony	—	—	—	—	—	—	373	92.0	4,054	—	—	—	107	21.0	5,095	—	—	480	113.0	4,248
Saar	476	110.0	4,327	—	—	—	—	—	—	404	95.0	4,253	269	79.0	3,405	—	—	1,149	284.0	4,046
Germany (F.R.)	2,005	430.5	4,657	2,946	517.5	5,693	2,798	526.5	5,314	2,106	446.5	4,717	1,585	364.0	4,354	256	52.5	11,696	2,337.5	5,004
Campine	—	—	—	393	104.5	3,760	288	71.0	4,056	205	87.0	2,356	—	—	—	—	—	886	262.5	3,375
Southern coalfields	1,133	189.0	5,994	114	30.0	3,767	344	66.0	5,212	380	90.0	4,222	5	5.5	909	—	5.5	1,976	386.0	5,119
Belgium	1,133	189.0	5,994	507	134.5	3,769	632	137.0	4,613	585	177.0	3,305	5	5.5	909	—	5.5	2,862	648.5	4,413
Nord/Pas-de-Calais	1,183	157.5	7,511	1,087	148.5	7,320	1,292	270.0	4,785	1,036	219.0	4,730	147	66.0	2,227	2 ⁽³⁾	57.5	4,747	918.5	5,168
Lorraine	—	—	—	1,988	400.0	4,970	—	—	—	—	—	—	340	75.5	4,503	—	—	2,328	475.5	4,896
Centre/Midi	—	—	—	521	128.0	4,070	927	270.0	3,433	—	—	—	135	54.5	2,477	—	—	1,583	452.5	3,498
France	1,183	157.5	7,511	3,596	676.5	5,316	2,219	540.0	4,109	1,036	219.0	4,730	622	196.0	3,173	2	57.5	8,658	1,846.5	4,689
Italy	—	—	—	82	32.0	2,563	—	—	—	—	—	—	—	—	—	—	—	82	32.0	2,563
Netherlands	—	—	—	—	—	—	1,283	298.5	4,298	111	20.0	5,550	18	5.5	3,273	3	2	1,415	326.0	4,340
Total	4,321	777.0	5,561	7,131	1,360.5	5,241	6,932	1,502.0	4,615	3,838	862.5	4,450	2,230	571.0	3,905	261	117.5	24,713	5,190.5	4,761

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1956. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1955 and 1956). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1955.

⁽³⁾ Production started end 1955.

TABLE XI a - 2

Specific Consumption of Coal 1956 ⁽²⁾

PITHEAD POWER-STATIONS ⁽¹⁾
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Technical Data

C = Output of electric current in '000,000 kWh

P = Maximum electric capacity in '000 MW (average at beginning 1956 - beginning 1957)

H = Load-hours per annum 1956

} by type of
specific
consumption

Specific consumption	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Not specified		Total			
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	C	P	H	
Country/Coalfield																					
Ruhr	1,969	400.0	4,922	3,137	573.0	5,474	1,580	322.5	4,899	2,068	418.5	4,941	988	244.5	4,041	94	18.0	9,836	1,976.5	4,976	
Aachen	—	—	—	548	89.0	6,157	35	10.0	3,500	—	10.0	—	—	—	—	—	—	583	109.0	5,349	
Lower Saxony	—	—	—	449	92.0	4,880	—	—	—	—	—	—	88	21.0	4,190	—	—	537	113.0	4,752	
Saar	597	110.0	5,427	—	—	—	537	90.0	5,967	2	5.0	400	368	65.0	5,662	—	—	1,504	270.0	5,570	
Germany (F.R.)	2,566	510.0	5,031	4,134	754.0	5,482	2,152	422.5	5,093	2,070	433.5	4,775	1,444	330.5	4,369	94	18.0	12,460	2,468.5	5,047	
Campine	—	—	—	464	110.0	4,218	531	169.0	3,142	—	—	—	—	—	—	—	—	995	279.0	3,566	
Southern coalfields	713	106.0	6,726	433	89.0	4,865	418	83.5	5,005	402	91.0	4,417	7	4.5	1,555	—	1.0	1,973	375.0	5,261	
Belgium	713	106.0	6,726	397	199.0	4,508	949	252.5	3,758	402	91.0	4,418	7	4.5	1,555	—	1.0	2,968	654.0	4,538	
Nord/Pas-de-Calais	748	170.0	4,400	1,901	255.0	7,455	1,080	194.0	5,567	1,485	293.0	5,068	112	66.0	1,697	—	—	5,326	978.0	5,446	
Lorraine	—	—	—	2,275	402.5	5,652	—	—	—	—	—	—	372	77.0	4,831	—	—	2,647	479.5	5,520	
Centre/Midi	—	—	—	767	153.0	5,013	1,116	245.0	4,555	136	38.0	3,579	31	14.0	2,214	—	—	2,050	450.0	4,555	
France	748	170.0	4,400	4,943	810.5	6,099	2,196	439.0	5,002	1,621	331.0	4,897	515	157.0	3,280	—	—	10,023	1,907.5	5,254	
Italy	—	—	—	134	64.0	2,094	—	—	—	—	—	—	—	—	—	—	—	134	64.0	2,094	
Netherlands	—	—	—	359	80.0	4,488	863	256.5	3,365	103	20.0	5,150	18	7.0	2,571	3	1.0	1,346	364.5	3,693	
Total	4,027	786.0	5,123	10,467	1,907.5	5,487	6,160	1,370.5	4,495	4,197	875.5	4,794	1,984	499.0	3,976	97	20.0	26,931	5,458.5	4,934	

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1957. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1956 and 1957). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1956.

TABLE XI a - 3
Specific Consumption of Coal 1957 ⁽²⁾

PITHEAD
POWER-STATIONS ⁽¹⁾

Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1957 - beginning 1958)
H = Load-hours per annum 1957

} by type of specific consumption

Specific consumption	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Not specified			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	3,362	658.5	5,105	3,646	704.0	5,179	1,184	217.0	5,456	2,054	446.0	4,605	835	189.5	4,406	—	6.5	—	11,081	2221.5	5,447	3,527
Aachen	—	—	—	140	25.0	5,600	398	71.0	5,605	38	18.5	2,054	—	—	—	—	—	—	576	114.5	5,031	3,628
Lower Saxony ...	—	—	—	522	92.0	5,674	—	—	—	—	—	—	49	14.5	3,379	—	—	—	571	106.5	5,362	3,532
Saar	724	105.0	6,895	—	—	—	—	—	—	523	97.5	5,364	328	141.0	2,326	—	2.5	—	1,575	346.0	4,552	4,146
Germany (F.R.) ..	4,086	763.5	5,352	4,308	821.0	5,247	1,582	288.0	5,493	2,615	562.0	4,653	1,212	345.0	3,513	—	9.0	—	13,803	2,788.5	4,950	3,532
Campine	—	—	—	694	147.5	4,705	211	73.0	2,890	206	74.0	2,784	—	—	—	—	—	—	1,111	294.5	3,211	3,474
Southern coalfields	701	106.0	6,613	449	89.0	5,045	378	77.0	4,909	420	33.0	4,516	8	4.0	2,000	—	—	—	1,956	369.0	5,301	3,492
Belgium	701	106.0	6,613	1,143	236.5	4,832	589	150.0	3,927	626	167.0	3,749	8	4.0	2,000	—	—	—	3,067	663.5	4,622	3,485
Nord/P.-de-Calais.	1,904	303.0	6,283	1,432	261.0	5,486	1,164	226.0	5,150	855	161.0	5,310	102	24.5	4,163	—	—	—	5,457	975.5	5,594	3,385
Lorraine	1,170	205.0	5,707	1,321	195.0	6,774	216	45.0	4,800	—	—	—	181	33.0	5,485	—	—	—	2,888	478.0	6,041	3,412
Centre/Midi	—	—	—	302	53.0	5,698	1,832	345.0	5,310	66	16.5	4,000	187	41.0	4,560	—	—	—	2,387	455.5	5,240	3,877
France	3,074	508.0	6,051	3,055	509.0	6,002	3,212	616.0	5,214	921	177.5	5,189	470	98.5	4,772	—	—	—	10,732	1909.0	5,622	3,502
Italy	—	—	—	194	64.0	3,031	—	—	—	—	—	—	—	—	—	—	—	—	194	64.0	3,031	3,314
Netherlands	—	—	—	365	79.0	4,620	853	251.5	3,392	102	20.0	5,100	18	8.0	2,250	1	1.0	1,000	1,339	359.5	3,724	3,713
Total	7,861	1377.5	5,707	9,065	1,709.5	5,303	6,236	1,305.5	4,777	4,264	926.5	4,602	1,708	455.5	3,750	1	10.0	100	29,135	5,784.5	5,036	3,556

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1958. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1957 and 1958). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1957.

TABLE XI a - 4

Specific Consumption of Coal 1958 ⁽²⁾

PITHEAD POWER-STATIONS ⁽¹⁾
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Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1958 - beginning 1959)
H = Load-hours per annum 1958

} by type of
specific
consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	3,017	628	4,804	4,373	868	5,153	2,216	444	4,990	2,073	433	4,788	847	198	4,278	12,526	2,571	4,872	3,505
Aachen	—	—	—	552	103	5,359	—	—	—	28	7	4,000	11	10	1,100	591	120	4,925	3,332
Lower Saxony	—	—	—	434	86	5,047	—	—	—	—	—	—	71	11	6,455	505	97	5,206	3,690
Saar	—	—	—	572	100	5,720	—	—	—	897	281	3,192	118	28	4,214	1,587	409	3,880	3,991
<i>Germany (F.R.)</i>	<i>3,017</i>	<i>628</i>	<i>4,804</i>	<i>5,931</i>	<i>1,157</i>	<i>5,126</i>	<i>2,216</i>	<i>444</i>	<i>4,990</i>	<i>2,998</i>	<i>721</i>	<i>4,158</i>	<i>1,047</i>	<i>247</i>	<i>4,239</i>	<i>15,209</i>	<i>3,197</i>	<i>4,757</i>	<i>3,504</i>
Campine	370	109	3,394	297	83	3,578	100	40	2,500	231	71	3,254	—	—	—	998	303	3,294	3,443
Southern coalfields	627	99	6,333	513	99	5,182	299	70	4,271	378	92	4,109	27	10	2,700	1,844	370	4,984	3,327
<i>Belgium</i>	<i>997</i>	<i>208</i>	<i>4,793</i>	<i>810</i>	<i>182</i>	<i>4,451</i>	<i>399</i>	<i>110</i>	<i>3,627</i>	<i>609</i>	<i>163</i>	<i>3,736</i>	<i>27</i>	<i>10</i>	<i>2,700</i>	<i>2,842</i>	<i>673</i>	<i>4,223</i>	<i>3,368</i>
Nord/Pas-de-Calais	2,274	418	5,440	1,055	261	4,042	819	226	3,624	638	161	3,963	54	25	2,160	4,840	1,091	4,436	3,227
Lorraine	1,180	200	5,900	1,157	252	4,591	122	45	2,711	—	—	—	137	22	6,227	2,596	519	5,002	3,348
Centre-Midi	—	—	—	204	53	3,849	1,518	345	4,400	72	14	5,143	143	49	2,918	1,937	461	4,202	3,868
<i>France</i>	<i>3,454</i>	<i>618</i>	<i>5,589</i>	<i>2,416</i>	<i>566</i>	<i>4,269</i>	<i>2,459</i>	<i>616</i>	<i>3,992</i>	<i>710</i>	<i>175</i>	<i>4,057</i>	<i>334</i>	<i>96</i>	<i>3,479</i>	<i>9,373</i>	<i>2,071</i>	<i>4,526</i>	<i>3,392</i>
<i>Italy</i>	—	—	—	—	—	—	124	64	1,938	—	—	—	—	—	—	124	64	1,938	3,588
<i>Netherlands</i>	—	—	—	489	99	4,939	773	251	3,080	119	29	4,103	—	—	—	1,381	379	3,649	3,714
Total	7,468	1,454	5,136	9,646	2,004	4,813	5,971	1,485	4,021	4,436	1,088	4,077	1,408	353	3,989	28,929	6,384	4,530	3,492

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1959. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetic mean between the electric capacity at the beginning of 1958 and 1959). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1958.

TABLE XI a - 5
Specific Consumption of Coal 1959 ⁽²⁾

PITHEAD
POWER-STATIONS ⁽¹⁾

Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1959 - beginning 1960)
H = Load-hours per annum 1959

} by type of specific
consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	4,980	1,100	4,527	4,954	974	5,086	1,951	390	5,003	1,427	334	4,272	560	136	4,118	13,872	2,934	4,728	3,340
Aachen	—	—	—	521	103	5,058	—	—	—	37	17	2,176	—	—	—	558	120	4,650	3,195
Lower Saxony	—	—	—	465	80	5,813	—	—	—	89	14	6,357	—	—	—	554	94	5,894	3,406
Saar	558	170	3,282	651	161	4,043	—	—	—	338	105	3,219	10	12	833	1,557	448	3,475	3,543
Germany (F.R.)	5,538	1,270	4,361	6,591	1,318	5,001	1,951	390	5,003	1,891	470	4,023	570	148	3,851	16,541	3,596	4,600	3,356
Campine	270	72	3,750	495	120	4,125	124	38	3,263	233	71	3,282	—	—	—	1,122	301	3,728	3,445
Southern coalfields	764	211	3,621	608	104	5,846	275	70	3,929	329	88	3,739	23	10	2,300	1,999	483	4,139	3,415
Belgium	1,034	283	3,654	1,103	224	4,924	399	108	3,694	562	159	3,535	23	10	2,300	3,121	784	3,981	3,423
Nord/Pas-de-Calais	2,783	591	4,709	929	261	3,559	583	226	2,580	456	161	2,832	66	25	2,640	4,817	1,264	3,811	3,076
Lorraine	894	200	4,470	1,677	370	4,532	36	45	800	—	—	—	70	11	6,364	2,677	626	4,276	3,258
Centre-Midi	—	—	—	138	78	1,769	1,131	380	2,976	44	14	3,143	56	33	1,697	1,369	513	2,669	3,752
France	3,677	791	4,649	2,744	709	3,870	1,750	651	2,688	500	175	2,857	192	69	2,783	8,863	2,403	3,701	3,236
Italy	—	—	—	—	—	—	111	64	1,701	—	—	—	—	—	—	—	—	—	3,643
Netherlands	637	120	5,308	—	—	—	831	250	3,324	130	30	4,333	—	—	—	1,598	400	3,995	3,533
Total	10,886	2,464	4,418	10,438	2,251	4,637	5,062	1,463	3,499	3,083	834	3,697	785	227	3,458	30,284	7,247	4,185	3,337

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1960. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1959 and 1960). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1959.

TABLE XI a - 6
Specific Consumption of Coal 1960 ⁽²⁾

PITHEAD
POWER-STATIONS ⁽¹⁾

Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1960 - beginning 1961)
H = Load-hours per annum 1960

} by type of specific consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	6,549	1,494	4,384	4,788	1,040	4,604	1,517	295	5,142	1,433	313	4,578	726	166	4,373	15,013	3,314	4,530	3,266
Aachen	—	—	—	539	103	5,233	—	—	—	27	7	3,857	27	10	2,700	593	120	4,942	3,291
Lower Saxony	—	—	—	431	80	5,388	—	—	—	60	14	4,286	—	—	—	491	94	5,223	3,379
Saar	803	239	3,360	585	146	4,007	—	—	—	340	95	3,579	—	—	—	1,728	480	3,600	3,307
Germany (F.R.)	7,352	1,733	4,242	6,343	1,369	4,633	1,517	295	5,142	1,860	429	4,336	753	176	4,278	17,825	4,008	4,447	3,274
Campine	141	57	2,474	608	195	3,118	131	36	3,639	159	71	2,239	—	—	—	1,039	359	2,894	3,365
Southern coalfields	1,912	419	4,563	697	119	5,857	209	71	2,944	176	84	2,095	15	6	2,500	3,009	699	4,305	2,943
Belgium	2,053	476	4,313	1,305	314	4,156	340	107	3,178	335	155	2,161	15	6	2,500	4,048	1,058	3,826	3,064
Nord/Pas-de-Calais	3,059	648	4,721	750	261	2,847	486	226	2,150	341	161	2,079	92	25	36,80	4,728	1,321	3,579	2,979
Lorraine	747	200	3,735	1,404	430	3,265	11	45	244	—	—	—	27	11	2,455	2,189	686	3,191	3,197
Centre-Midi	—	—	—	255	103	2,476	1,050	415	2,530	31	14	2,214	50	33	1,515	1,386	565	2,453	3,650
France	3,806	848	4,488	2,409	794	3,034	1,547	686	2,255	372	175	2,126	169	69	2,449	8,303	2,572	3,228	3,148
Italy	—	—	—	174	64	2,351	—	—	—	—	—	—	—	—	—	174	64	2,351	3,449
Netherlands	798	120	6,650	—	—	—	752	225	3,342	122	29	4,207	—	—	—	1,674	375	4,464	3,443
Total	14,009	3,177	4,410	10,231	2,541	4,026	4,156	1,313	3,165	2,689	788	3,412	937	251	3,733	32,024	8,077	3,965	3,227

(1) Pithead power-stations proper and other power-generating plant at mines.

(2) This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1961. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1960 and 1961). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1960.

TABLE XI a - 7

Specific Consumption of Coal 1961 ⁽²⁾PITHEAD
POWER-STATIONS ⁽¹⁾

Technical Data

C = Output of electric current in '000,000 kWh
 P = Maximum electric capacity in '000 MW (average at beginning 1961 - beginning 1962)
 H = Load-hours per annum 1961

} by type of
 specific
 consumption

Specific consumption	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh	
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H		
Country/Coalfield																				
Ruhr	8,271	1,951	4,239	4,004	961	4,166	1,470	332	4,428	1,609	376	4,279	487	128	3,805	15,841	3,748	4,227	3,141	
Aachen	—	—	—	510	104	4,904	—	—	—	32	7	4,571	28	10	2,800	570	121	4,711	3,351	
Lower Saxony	—	—	—	411	86	4,779	—	—	—	—	—	—	—	—	—	411	86	4,779	3,377	
Saar	1,688	378	4,466	—	—	—	—	—	—	318	83	3,831	—	—	—	2,006	461	4,351	3,082	
Germany (F.R.)	9,959	2,329	4,276	4,925	1,151	4,279	1,470	332	4,428	1,959	466	4,204	515	138	3,732	18,828	4,416	4,264	3,146	
Campine	488	115	4,243	606	194	3,124	62	33	1,879	141	51	3,617	11	20	550	1,308	413	3,167	2,989	
Southern coalfields	2,946	627	4,699	229	50	4,580	97	42	2,310	102	73	1,397	—	—	—	3,374	792	4,260	2,746	
Belgium	3,434	742	4,628	835	244	3,422	159	75	2,120	243	124	1,960	11	20	550	4,682	1,205	3,885	2,814	
Nord/Pas-de-Calais	3,009	543	5,541	1,236	449	2,753	363	193	1,888	357	236	1,513	—	—	—	4,965	1,421	3,494	2,892	
Lorraine	872	200	4,360	1,845	430	4,291	2	45	44	—	—	—	17	11	1,545	2,736	686	3,988	3,176	
Centre-Midi	—	—	—	370	103	3,592	1,448	415	3,489	38	14	2,714	65	33	1,970	1,921	565	3,400	3,636	
France	3,881	743	5,223	3,451	982	3,514	1,813	653	2,776	395	250	1,580	82	44	1,864	9,622	2,672	3,601	3,121	
Italy	—	—	—	—	—	—	296	64	4,625	—	—	—	—	—	—	296	64	4,625	3,538	
Netherlands	—	—	—	728	120	6,067	724	201	3,602	101	21	4,810	21	9	2,333	1,574	351	4,484	3,486	
Total	17,274	3,814	4,529	9,939	2,497	3,980	4,462	1,325	3,368	2,698	861	3,134	629	211	2,981	35,002	8,708	4,020	3,113	

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1962. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetic mean between the electric capacity at the beginning of 1961 and 1962). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1961.

TABLE XI a - 8

Specific Consumption of Coal 1962 ⁽²⁾

PITHEAD POWER-STATIONS ⁽¹⁾
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Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1962 - beginning 1963)
H = Load-hours per annum 1962

} by type of specific consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	10,101	2,150	4,698	4,082	881	4,633	2,617	590	4,436	1,272	283	4,495	588	156	3,769	18,660	4,060	4,596	3,055
Aachen	489	78	6,269	112	26	4,308	—	—	—	—	—	—	48	17	2,824	649	121	5,364	3,189
Lower Saxony	—	—	—	435	92	4,728	—	—	—	—	—	—	—	—	—	435	92	4,728	3,293
Saar	730	238	3,067	608	145	4,193	—	—	—	344	94	3,660	—	—	—	1,682	477	3,526	3,214
Germany (F.R.)	11,320	2,466	4,590	5,237	1,144	4,578	2,617	590	4,436	1,616	377	4,286	636	173	3,676	21,426	4,750	4,511	3,077
Campine	738	170	4,341	507	166	3,054	—	—	—	162	71	2,282	—	—	—	1,407	407	3,457	2,974
Southern coalfields	3,776	627	6,022	218	50	4,360	86	35	2,457	93	68	1,368	—	—	—	4,173	780	5,350	2,606
Belgium	4,514	797	5,664	725	216	3,356	86	35	2,457	255	139	1,835	—	—	—	5,580	1,187	4,701	2,699
Nord/Pas-de-Calais	3,864	643	6,009	1,381	395	3,496	89	75	1,187	280	146	1,918	—	—	—	5,614	1,259	4,459	2,880
Lorraine	3,238	637	5,083	—	—	—	—	—	—	—	—	—	65	55	1,182	3,303	692	4,773	2,825
Centre-Midi	434	78	4,564	885	195	4,538	604	153	3,948	353	110	3,209	80	31	2,581	2,356	567	4,155	3,411
France	7,536	1,358	5,549	2,266	590	3,841	693	228	3,039	633	256	2,473	145	86	1,686	11,273	2,518	4,477	2,974
Italy	—	—	—	—	—	—	236	64	3,688	—	—	—	—	—	—	236	64	3,688	3,511
Netherlands	—	—	—	688	120	5,733	523	105	4,981	323	116	2,784	19	9	2,111	1,553	350	4,437	3,518
Total	23,370	4,621	5,057	8,916	2,070	4,307	4,155	1,022	4,066	2,827	888	3,184	800	268	2,985	40,068	8,869	4,518	3,014

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1963. Their load hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1962 and 1963). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1962.

TABLE XI a - 9
Specific Consumption of Coal 1963 ⁽²⁾

PITHEAD
POWER-STATIONS ⁽¹⁾

Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1963 - beginning 1964)
H = Load-hours per annum 1963 } by type of specific consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	10,897	2,283	4,773	4,049	865	4,681	2,665	581	4,587	1,502	323	4,653	780	218	3,578	19,894	4,270	4,659	3,119
Aachen	20,73	463	4,477	824	164	5,024	—	—	—	358	243	1,473	49	20	2,450	3,304	890	3,712	3,153
Lower Saxony																			
Saar																			
<i>Germany (F.R.)</i>	12,970	2,746	4,723	4,873	1,029	4,736	2,665	581	4,587	1,860	566	3,286	829	238	3,483	23,198	5,160	4,496	3,124
Campine	771	140	5,507	427	141	3,028	157	55	2,855	144	71	2,028	—	—	—	1,499	407	3,683	2,990
Southern coalfields	4,423	685	6,457	290	76	3,816	—	—	—	81	66	1,227	—	—	—	4,794	827	5,797	2,554
<i>Belgium</i>	5,194	825	6,296	717	217	3,304	157	55	2,855	225	137	1,642	—	—	—	6,293	1,234	5,100	2,658
Nord/Pas-de-Calais	3,880	698	5,559	1,402	374	3,749	80	75	1,067	169	130	1,300	—	—	—	5,531	1,277	4,331	2,849
Lorraine	2,768	664	4,169	—	—	—	—	—	—	16	8	2,000	57	43	1,326	2,841	715	3,973	2,981
Centre-Midi	395	80	4,938	604	195	3,097	437	152	2,875	226	95	2,379	78	42	1,857	1,740	564	3,085	3,483
<i>France</i>	7,043	1,442	4,884	2,006	569	3,525	517	227	2,278	411	233	1,764	135	85	1,588	10,112	2,556	3,956	2,995
<i>Netherlands</i>	—	—	—	733	120	6,108	434	105	4,133	350	160	2,188	—	—	—	1,517	385	3,940	3,593
Total	25,207	5,013	5,028	8,329	1,935	4,304	3,773	968	3,898	2,846	1,096	2,597	964	323	2,985	41,120	9,335	4,405	3,038

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1964. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1963 and 1964). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1963.

TABLE XI a - 10

Specific Consumption of Coal 1964 ⁽²⁾

PITHEAD POWER-STATIONS ⁽¹⁾
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Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1964 -beginning 1965)
H = Load-hours per annum 1964

} by type of specific consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000—3499 kcal/kWh			3500—3999 kcal/kWh			4000—4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	12,092	2,454	4,927	4,197	887	4,732	2,443	521	4,689	1,085	286	3,794	311	122	2,549	20,128	4,270	4,714	3,031
Aachen	2,425	612	3,962	1,634	468	3,491	—	—	—	—	—	—	29	14	2,071	4,088	1,094	3,737	3,062
Lower Saxony																			
Saar																			
<i>Germany (F.R.)</i>	14,517	3,066	4,735	5,831	1,355	4,303	2,443	521	4,689	1,085	286	3,794	340	136	2,500	24,216	5,364	4,515	3,036
Campine	726	140	5,186	361	108	3,343	162	55	2,945	170	105	1,619	—	—	—	1,419	408	3,478	2,918
Southern coalfields	4,905	748	6,567	194	50	3,880	82	25	3,280	35	39	897	1	5	200	5,217	867	6,017	2,540
<i>Belgium</i>	5,631	888	6,341	555	158	3,513	244	80	3,050	205	144	1,424	1	5	200	6,636	1,275	5,205	2,621
Nord/Pas-de-Calais	5,670	825	6,873	733	160	4,581	782	268	2,918	126	130	969	—	—	—	7,311	1,383	5,286	2,747
Lorraine	—	—	—	3,601	664	5,423	—	—	—	88	43	2,047	19	6	3,167	3,708	713	5,201	3,212
Centre-Midi	532	80	6,650	1,091	222	4,914	594	125	4,752	502	130	3,862	7	7	1,000	2,726	564	4,833	3,519
<i>France</i>	6,202	905	6,853	5,425	1,046	5,186	1,376	393	3,501	716	303	2,363	26	13	2,000	13,745	2,660	5,167	3,026
<i>Netherlands</i>	—	—	—	1,150	271	4,244	394	105	3,752	131	29	4,517	—	—	—	1,675	405	4,136	3,391
Total	26,350	4,859	5,423	12,961	2,830	4,457	4,457	1,099	4,056	2,137	762	2,804	367	154	2,383	46,272	9,704	4,768	2,986

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1965. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1964 and 1965). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1964.

TABLE XI a - 11
Specific Consumption of Coal 1965 ⁽²⁾

**PITHEAD
POWER-STATIONS ⁽¹⁾**

Technical Data

C = Output of electric current in '000,000 kWh
P = Maximum electric capacity in '000 MW (average at beginning 1965 - beginning 1966)
H = Load-hours per annum (1965) } by type of specific consumption

Specific consumption Country/Coalfield	< 3000 kcal/kWh			3000-3499 kcal/kWh			3500-3999 kcal/kWh			4000-4999 kcal/kWh			≥ 5000 kcal/kWh			Total			Average consumption kcal/kWh
	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	C	P	H	
Ruhr	10,940	2,354	4,647	3,698	812	4,554	2,546	582	4,375	912	239	3,816	513	166	3,090	18,609	4,153	4,481	3,044
Aachen	3,549	1,002	3,542	466	83	5,614	—	—	—	—	—	—	13	6	2,167	4,028	1,091	3,692	2,903
Lower Saxony																			
Saar																			
Germany (F.R.)	14,489	3,356	4,317	4,164	895	4,653	2,546	582	4,375	912	239	3,816	526	172	3,058	22,637	5,244	4,317	3,019
Campine	655	115	5,696	200	72	2,778	233	91	2,560	130	131	992	—	—	—	1,218	409	2,978	2,955
Southern coalfields	4,503	753	5,980	197	48	4,104	80	25	3,200	26	7	3,714	4	28	143	4,810	861	5,587	2,528
Belgium	5,158	868	5,942	397	120	3,308	313	116	2,698	156	138	1,130	4	28	143	6,028	1,270	4,746	2,615
Nord/Pas-de-Calais	5,167	825	6,263	721	258	2,795	156	118	1,322	65	157	414	6	48	125	6,115	1,406	4,349	2,662
Lorraine	2,949	674	4,375	—	—	—	—	—	—	—	—	—	43	49	878	2,992	723	4,138	2,935
Centre-Midi	393	80	4,913	1,022	272	3,757	227	75	3,027	287	95	3,021	60	35	1,714	1,989	557	3,571	3,440
France	8,509	1,579	5,389	1,743	530	3,289	383	193	1,984	352	252	1,397	109	132	826	11,096	2,686	4,131	2,875
Netherlands	27	32	844	1,214	271	4,480	532	125	4,256	—	—	—	20	9	2,222	1,793	437	4,103	3,316
Total	28,188	5,885	4,830	7,518	1,816	4,140	3,774	1,016	3,715	1,420	629	2,258	659	341	1,933	41,554	9,637	4,312	2,934

⁽¹⁾ Pithead power-stations proper and other power-generating plant at mines.

⁽²⁾ This table covers only power-stations proper and other power-generating plant which actually produced electric current from coal before January 1, 1966. Their load-hours per annum were calculated by dividing the annual output by the average maximum electric capacity (arithmetical mean between the electric capacity at the beginning of 1965 and 1966). A possible source of error arises where new power-stations had not yet been brought into operation and obsolete plant had not been closed down by July 1, 1965.

PITHEAD POWER-STATIONS (1)

TABLE XI b

Specific Consumption of Coal

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Average specific consumption in kcal/kWh	3,703 ⁽²⁾	3,649	3,556	3,492	3,337	3,227	3,113	3,014	3,038	2,986	2,934
Consumption of secondary pro- ducts in % of consumption of coal	88	88	88	87	87	92	92	89	92	91	93
Load-hours per annum	4,761	4,934	5,036	4,530	4,185	3,965	4,020	4,518	4,405	4,768	4,312

(1) Pithead power-stations proper and other power-generating plant at mines.

(2) Approximate figures.

The ratio of maximum electric capacity to nominal installed capacity varies as follows :

Beginning of 1954	83.5 %
do. 1955	84.5 %
do. 1956	87.9 %
do. 1957	87.9 %
do. 1958	88.8 %
do. 1959	88.8 %
do. 1960	89.4 %
do. 1961	89.3 %
do. 1962	89.2 %
do. 1963	89.2 %
do. 1964	89.1 %
do. 1965	89.0 %

IRON-ORE INDUSTRY

TABLE XIII
Capital Expenditure by Orefields

'000,000 dollars (F.M.A. units of account)

Orefield	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Salzgitter, Ilsede, Harzvorland	2.21	4.73	4.90	3.54	5.78	6.53	5.29	9.43	4.50	1.95	3.82
Osnabrück, Weser-Wiehengeb.	1.15	0.70	0.39	0.75	0.52	0.52	0.64	0.75	0.62	0.30	0.27
Siegerland-Wied	2.20	1.30	2.25	2.18	0.99	0.85	0.48	1.37	1.16	0.27	} 0.14
Central and Southern Germany	0.83	0.77	0.54	0.53	0.86	0.83	0.93	0.54	0.26	0.08	
Other German fields	0.73	1.25	1.17	1.36	1.58	1.58	1.22	1.70	0.75	0.41	0.86
<i>Germany (F.R.)</i>	<i>7.12</i>	<i>8.75</i>	<i>9.25</i>	<i>8.36</i>	<i>9.73</i>	<i>10.31</i>	<i>8.56</i>	<i>13.79</i>	<i>7.29</i>	<i>3.01</i>	<i>5.09</i>
<i>Belgium</i>	—	—	—	0.04	0.08	0.02	0.04	0.11	0.01	—	—
Eastern France	16.43	16.62	25.86	33.73	25.80	24.40	28.92	30.60	26.98	18.92	15.11
Western France	1.26	1.83	3.03	2.94	2.87	2.87	2.93	4.86	8.14	2.99	1.91
French - Centre-Midi	0.19	0.15	0.29	0.22	0.25	0.28	0.41	0.15	0.10	0.18	0.09
<i>France</i>	<i>17.88</i>	<i>18.60</i>	<i>29.18</i>	<i>36.89</i>	<i>28.92</i>	<i>27.55</i>	<i>32.26</i>	<i>35.61</i>	<i>35.22</i>	<i>22.09</i>	<i>17.11</i>
<i>Italy</i>	<i>4.09</i>	<i>2.47</i>	<i>3.98</i>	<i>2.87</i>	<i>1.77</i>	<i>1.07</i>	<i>1.41</i>	<i>1.71</i>	<i>2.76</i>	<i>1.79</i>	<i>0.92</i>
<i>Luxembourg</i>	<i>0.37</i>	<i>0.88</i>	<i>1.45</i>	<i>1.64</i>	<i>0.68</i>	<i>1.32</i>	<i>0.94</i>	<i>1.22</i>	<i>1.17</i>	<i>1.36</i>	<i>0.80</i>
Total	29.46	30.70	43.86	49.80	41.18	40.27	43.21	52.44	46.45	28.25	23.92

IRON-ORE INDUSTRY

TABLE XIV
Extraction Potential by Orefields

'000,000 metric tons

Orefield	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Salzgitter, Ilsede, Harzvorland	9.5	10.4	11.2	11.6	11.7	12.7	12.8	12.5	10.1	7.6	7.6
Osnabrück, Weser-Wiehengeb.	1.8	1.9	2.2	2.2	2.4	2.3	2.4	2.4	2.1	1.5	1.5
Siegerland-Wied	1.4	1.4	1.5	1.4	1.4	1.4	1.4	1.2	0.8	0.6	} 1.1
Central and Southern Germany	1.7	1.7	1.8	1.7	1.7	1.4	1.9	1.7	1.3	1.0	
Other German fields	2.2	2.7	2.9	2.9	2.9	3.4	2.9	2.9	2.4	2.0	2.0
<i>Germany (F.R.)</i>	<i>16.6</i>	<i>18.1</i>	<i>19.6</i>	<i>19.8</i>	<i>20.1</i>	<i>21.2</i>	<i>21.4</i>	<i>20.7</i>	<i>16.7</i>	<i>12.7</i>	<i>12.2</i>
<i>Belgium</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.3</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>
Eastern France	48.3	50.3	55.5	58.9	61.0	63.1	65.8	67.7	64.4	64.0	63.0
Western France	4.1	4.4	5.1	5.2	4.9	6.0	6.0	6.0	6.3	5.2	5.3
French - Centre-Midi	0.4	0.4	0.4	0.4	0.4	0.3	0.4	0.3	0.2	0.1	0.2
<i>France</i>	<i>52.8</i>	<i>55.1</i>	<i>61.0</i>	<i>64.5</i>	<i>66.3</i>	<i>69.4</i>	<i>72.2</i>	<i>74.0</i>	<i>70.9</i>	<i>69.3</i>	<i>68.5</i>
<i>Italy</i>	<i>2.7</i>	<i>3.1</i>	<i>3.1</i>	<i>2.6</i>	<i>2.4</i>	<i>2.3</i>	<i>2.4</i>	<i>2.2</i>	<i>1.8</i>	<i>1.8</i>	<i>1.5</i>
<i>Luxembourg</i>	<i>7.6</i>	<i>8.4</i>	<i>8.3</i>	<i>8.3</i>	<i>8.1</i>	<i>8.1</i>	<i>8.4</i>	<i>8.3</i>	<i>8.3</i>	<i>8.3</i>	<i>8.1</i>
Total	79.8	84.9	92.2	95.4	97.1	101.3	104.7	105.5	97.9	92.3	90.5

IRON AND STEEL INDUSTRY
Total

TABLE XV
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany		60.88	56.43	46.70	35.86	25.71	35.92	90.86	105.66	114.04	75.53
North Rhine/Westphalia	210.22	216.31	183.24	205.81	182.30	140.96	165.47	271.48	262.67	291.19	262.69
Southern Germany		12.00	11.28	15.61	8.50	2.33	27.71	17.99	19.26	9.57	10.79
Saar	15.61	19.41	34.96	46.17	27.93	37.23	40.84	41.71	29.94	38.31	30.31
<i>Germany (F.R.)</i>	<i>225.83</i>	<i>308.60</i>	<i>285.91</i>	<i>314.29</i>	<i>254.59</i>	<i>206.23</i>	<i>269.94</i>	<i>422.04</i>	<i>417.53</i>	<i>453.11</i>	<i>379.32</i>
<i>Belgium</i>	<i>32.92</i>	<i>33.14</i>	<i>45.52</i>	<i>60.08</i>	<i>77.92</i>	<i>81.76</i>	<i>136.88</i>	<i>127.56</i>	<i>139.45</i>	<i>165.41</i>	<i>126.76</i>
Eastern France		71.40	83.72	116.58	130.41	132.75	134.66	186.01	227.58	174.18	118.72
Northern France	125.86	22.54	33.63	42.89	37.70	35.79	74.24	152.37	159.62	103.64	59.46
France - other areas		14.27	23.88	30.29	32.84	21.77	23.15	34.40	36.57	36.93	28.50
<i>France</i>	<i>12.586</i>	<i>108.21</i>	<i>141.23</i>	<i>189.76</i>	<i>200.95</i>	<i>190.31</i>	<i>232.05</i>	<i>372.78</i>	<i>423.77</i>	<i>314.75</i>	<i>206.68</i>
Italy - coastal areas		10.35	23.48	43.24	33.07	46.01	43.78	54.77	77.76	349.69	421.60
Italy - other areas	35.85	25.56	28.48	35.91	36.45	18.14	19.40	52.09	79.95	96.96	97.52
<i>Italy</i>	<i>35.85</i>	<i>35.91</i>	<i>51.96</i>	<i>79.15</i>	<i>69.52</i>	<i>64.15</i>	<i>63.18</i>	<i>106.86</i>	<i>157.71</i>	<i>446.65</i>	<i>519.12</i>
<i>Luxembourg</i>	<i>25.08</i>	<i>22.13</i>	<i>19.11</i>	<i>30.93</i>	<i>21.55</i>	<i>23.48</i>	<i>28.43</i>	<i>31.37</i>	<i>39.37</i>	<i>43.51</i>	<i>35.87</i>
<i>Netherlands</i>	<i>7.94</i>	<i>16.34</i>	<i>26.16</i>	<i>33.96</i>	<i>19.04</i>	<i>20.66</i>	<i>44.71</i>	<i>62.43</i>	<i>52.53</i>	<i>56.10</i>	<i>47.54</i>
Total	453.48	524.33	569.89	708.17	643.57	586.59	775.19	1,123.04	1,230.36	1,479.53	1,315.29

STEELWORKS-OWNED COKING-PLANTS

TABLE XVI a

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	4.18	0.10	1.00	0.34	0.49	0.65	0.22	0.29	0.39	1.98	0.22
North Rhine/Westphalia		1.53	2.40	4.81	9.24	11.13	1.03	0.82	0.45	0.42	0.25
Southern Germany		0.14	2.08	3.13	0.41	—	0.06	0.04	0.01	0.03	0.03
Saar	0.05	4.05	5.06	9.05	3.14	3.73	1.47	1.84	1.69	1.07	0.87
<i>Germany (F.R.)</i>	<i>5.23</i>	<i>5.82</i>	<i>11.08</i>	<i>17.33</i>	<i>13.28</i>	<i>15.51</i>	<i>2.78</i>	<i>2.99</i>	<i>2.54</i>	<i>3.50</i>	<i>1.37</i>
<i>Belgium</i>	<i>1.39</i>	<i>2.82</i>	<i>3.75</i>	<i>3.95</i>	<i>2.44</i>	<i>1.00</i>	<i>2.96</i>	<i>2.55</i>	<i>2.07</i>	<i>2.78</i>	<i>1.11</i>
Eastern France	9.29	5.10	5.94	3.85	2.73	2.11	3.75	7.95	9.78	2.18	0.44
Northern France		—	0.07	—	0.12	0.14	0.30	0.47	0.12	0.15	0.23
France - other areas		0.81	0.73	0.37	0.66	0.38	0.23	0.45	0.35	0.20	0.15
<i>France</i>	<i>9.29</i>	<i>5.91</i>	<i>6.74</i>	<i>4.22</i>	<i>3.51</i>	<i>2.63</i>	<i>4.28</i>	<i>8.87</i>	<i>10.25</i>	<i>2.53</i>	<i>0.82</i>
Italy - coastal areas	—	—	0.13	2.11	4.34	2.76	1.04	3.29	8.25	24.03	25.30
Italy - other areas	—	—	—	—	—	0.65	0.14	—	—	—	—
<i>Italy</i>	<i>—</i>	<i>—</i>	<i>0.13</i>	<i>2.11</i>	<i>4.34</i>	<i>3.41</i>	<i>1.18</i>	<i>3.29</i>	<i>8.25</i>	<i>24.03</i>	<i>25.30</i>
<i>Luxembourg</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
<i>Netherlands</i>	<i>2.08</i>	<i>5.39</i>	<i>0.63</i>	<i>0.35</i>	<i>0.98</i>	<i>2.38</i>	<i>0.28</i>	<i>0.60</i>	<i>1.85</i>	<i>0.96</i>	<i>1.07</i>
Total	17.99	19.94	22.33	27.96	24.55	24.93	11.48	18.30	24.96	33.80	29.67

BURDEN PREPARATION

TABLE XVI b
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	} 3.08	2.69	5.47	1.46	3.57	2.89	0.95	0.40	3.21	8.22	1.74
North Rhine/Westphalia		8.43	3.60	9.79	26.44	24.38	20.92	23.54	9.40	11.76	9.73
Southern Germany		0.04	0.16	0.45	0.22	—	0.04	0.02	0.03	—	0.07
Saar	0.12	0.03	0.35	1.41	0.94	2.98	9.57	3.64	1.75	2.61	3.46
<i>Germany (F.R.)</i>	<i>3.20</i>	<i>11.19</i>	<i>9.58</i>	<i>13.11</i>	<i>31.17</i>	<i>30.25</i>	<i>31.48</i>	<i>27.60</i>	<i>14.39</i>	<i>22.59</i>	<i>15.00</i>
<i>Belgium</i>	<i>0.10</i>	<i>0.27</i>	<i>3.60</i>	<i>8.47</i>	<i>8.32</i>	<i>16.25</i>	<i>19.29</i>	<i>13.75</i>	<i>12.91</i>	<i>10.67</i>	<i>7.09</i>
Eastern France	} 0.57	1.48	7.71	16.51	15.66	16.89	10.12	32.24	49.33	27.95	13.74
Northern France		0.15	1.62	2.80	1.50	2.70	5.50	6.30	13.80	3.60	2.60
France - other areas		0.01	0.78	3.27	2.57	0.49	0.03	2.32	3.47	3.80	1.55
<i>France</i>	<i>0.57</i>	<i>1.64</i>	<i>10.11</i>	<i>22.58</i>	<i>19.73</i>	<i>20.08</i>	<i>15.65</i>	<i>40.86</i>	<i>66.60</i>	<i>35.35</i>	<i>17.89</i>
Italy - coastal areas	} 0.61	0.84	2.06	2.56	2.36	2.70	0.40	0.59	2.86	43.33	42.20
Italy - other areas		0.17	0.15	0.32	0.15	0.02	0.03	0.49	0.05	0.07	0.13
<i>Italy</i>	<i>0.61</i>	<i>1.01</i>	<i>2.21</i>	<i>2.88</i>	<i>2.51</i>	<i>2.72</i>	<i>0.43</i>	<i>1.05</i>	<i>2.91</i>	<i>43.40</i>	<i>42.33</i>
<i>Luxembourg</i>	<i>7.11</i>	<i>6.13</i>	<i>3.25</i>	<i>3.61</i>	<i>4.54</i>	<i>2.96</i>	<i>2.92</i>	<i>8.28</i>	<i>11.48</i>	<i>6.98</i>	<i>0.40</i>
<i>Netherlands</i>	—	0.90	2.77	0.88	0.46	1.26	3.92	1.73	2.72	4.20	2.25
Total	11.59	21.14	31.52	51.53	66.73	73.52	73.69	93.27	111.01	123.19	84.96

BLAST-FURNACES

TABLE XVI c
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany		0.26	3.02	9.76	8.13	4.14	3.91	4.56	4.56	2.87	3.49
North Rhine/Westphalia	16.74	16.16	25.61	29.17	32.56	25.96	20.18	27.28	25.23	24.47	20.67
Southern Germany		2.53	2.94	2.08	1.48	0.47	1.07	0.77	1.37	0.43	1.21
Saar	1.92	1.56	2.46	3.50	4.72	5.52	3.33	2.11	2.91	6.48	3.80
<i>Germany (F.R.)</i>	<i>18.66</i>	<i>20.51</i>	<i>34.03</i>	<i>44.51</i>	<i>46.89</i>	<i>36.09</i>	<i>28.49</i>	<i>34.72</i>	<i>34.07</i>	<i>34.25</i>	<i>29.17</i>
<i>Belgium</i>	<i>7.34</i>	<i>5.83</i>	<i>10.37</i>	<i>8.57</i>	<i>11.06</i>	<i>8.77</i>	<i>7.89</i>	<i>14.41</i>	<i>14.14</i>	<i>10.10</i>	<i>11.60</i>
Eastern France		9.43	20.20	25.66	29.90	26.40	27.36	23.89	23.50	23.53	17.30
Northern France	11.14	1.10	4.05	7.55	9.48	6.05	8.79	16.26	11.35	6.20	6.69
France - other areas		0.71	1.15	3.90	4.62	1.68	0.92	0.73	0.95	0.70	0.73
<i>France</i>	<i>11.14</i>	<i>11.24</i>	<i>25.40</i>	<i>37.11</i>	<i>44.00</i>	<i>34.13</i>	<i>37.07</i>	<i>40.88</i>	<i>35.80</i>	<i>30.43</i>	<i>24.72</i>
Italy - coastal areas		1.68	0.20	1.39	6.00	4.99	4.20	5.78	5.98	20.06	29.25
Italy - other areas	0.59	0.08	0.61	1.25	1.42	0.68	0.34	0.71	0.32	0.24	0.29
<i>Italy</i>	<i>0.59</i>	<i>1.76</i>	<i>0.81</i>	<i>2.64</i>	<i>7.42</i>	<i>5.67</i>	<i>4.54</i>	<i>6.49</i>	<i>6.30</i>	<i>20.30</i>	<i>29.54</i>
<i>Luxembourg</i>	<i>2.01</i>	<i>2.33</i>	<i>3.67</i>	<i>3.64</i>	<i>2.98</i>	<i>2.60</i>	<i>4.57</i>	<i>3.58</i>	<i>5.36</i>	<i>5.32</i>	<i>11.34</i>
<i>Netherlands</i>	<i>0.44</i>	<i>0.18</i>	<i>2.40</i>	<i>7.57</i>	<i>2.42</i>	<i>1.11</i>	<i>4.46</i>	<i>7.17</i>	<i>1.66</i>	<i>1.01</i>	<i>1.68</i>
Total	40.18	41.85	76.68	104.04	114.77	88.37	87.02	107.25	97.93	101.41	108.05

**STEELWORKS-OWNED
COKING-PLANTS, BURDEN
PREPARATION AND
BLASTFURNACES
TOTAL**

TABLE XVI d
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	24.00	3.05	9.49	11.56	12.19	7.68	5.08	5.25	8.16	13.07	5.45
North Rhine/Westphalia		26.12	31.61	43.77	68.24	61.47	42.13	51.64	35.08	36.65	30.65
Southern Germany		2.71	5.18	5.66	2.11	0.47	1.17	0.83	1.41	0.46	1.31
Saar		3.09	5.64	8.41	13.96	8.80	12.23	14.37	7.59	6.35	10.16	8.13
<i>Germany (F.R.)</i>	<i>27.09</i>	<i>37.52</i>	<i>54.69</i>	<i>74.95</i>	<i>91.34</i>	<i>81.75</i>	<i>62.75</i>	<i>65.31</i>	<i>51.00</i>	<i>60.34</i>	<i>45.54</i>
<i>Belgium</i>	<i>8.83</i>	<i>8.92</i>	<i>17.72</i>	<i>20.99</i>	<i>21.82</i>	<i>26.02</i>	<i>30.14</i>	<i>30.71</i>	<i>29.12</i>	<i>23.55</i>	<i>19.80</i>
Eastern France	21.00	16.01	33.85	46.02	48.29	45.40	41.23	64.08	82.61	53.66	31.48
Northern France		1.25	5.74	10.35	11.45	8.89	14.59	23.03	25.27	9.95	9.52
France - other areas		1.53	2.66	7.54	7.50	2.55	1.18	3.50	4.77	4.70	2.43
<i>France</i>	<i>21.00</i>	<i>18.79</i>	<i>42.25</i>	<i>63.91</i>	<i>67.24</i>	<i>56.84</i>	<i>57.00</i>	<i>90.61</i>	<i>112.65</i>	<i>68.31</i>	<i>43.43</i>
Italy - coastal areas	1.20	2.52	2.39	6.06	12.70	10.45	5.64	9.66	17.09	87.42	96.75
Italy - other areas		0.25	0.76	1.57	1.57	1.35	0.51	1.17	0.37	0.31	0.42
<i>Italy</i>	<i>1.20</i>	<i>2.77</i>	<i>3.15</i>	<i>7.63</i>	<i>14.27</i>	<i>11.80</i>	<i>6.15</i>	<i>10.83</i>	<i>17.46</i>	<i>87.73</i>	<i>97.17</i>
<i>Luxembourg</i>	<i>9.12</i>	<i>8.46</i>	<i>6.92</i>	<i>7.25</i>	<i>7.52</i>	<i>5.56</i>	<i>7.49</i>	<i>11.86</i>	<i>16.84</i>	<i>12.30</i>	<i>11.74</i>
<i>Netherlands</i>	<i>2.52</i>	<i>6.47</i>	<i>5.80</i>	<i>8.80</i>	<i>3.86</i>	<i>4.75</i>	<i>8.66</i>	<i>9.50</i>	<i>6.23</i>	<i>6.17</i>	<i>5.00</i>
Total	69.76	82.98	130.53	183.53	206.05	186.82	172.19	218.82	293.30	258.40	222.68

BASIC BESSEMER STEELWORKS

TABLE XVII a

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	3.24	2.99	1.74	2.02	0.83	0.32	0.34	1.11	0.49	0.48	0.54
North Rhine/Westphalia		4.05	3.09	8.22	17.10	11.74	3.73	4.16	5.87	2.77	1.82
Southern Germany		0.24	0.25	0.74	0.62	0.11	0.02	0.08	0.12	0.02	0.22
Saar	0.40	1.36	3.87	6.01	5.53	3.90	3.20	3.07	1.67	2.44	2.03
Germany (F.R.)	3.64	8.64	8.95	16.99	24.08	16.07	7.29	8.42	8.15	5.71	4.61
Belgium	1.75	2.57	3.25	10.95	14.32	7.49	6.43	6.63	7.74	7.54	2.23
Eastern France	5.72	3.54	3.98	5.84	3.80	4.76	5.20	6.65	4.57	3.24	1.30
Northern France		0.15	0.50	—	1.45	1.00	1.00	1.00	1.30	0.40	0.30
France - other areas		0.20	0.50	1.00	0.60	0.52	0.30	0.64	0.60	0.10	0.17
France	5.72	3.89	4.98	6.84	5.85	6.28	6.50	8.29	6.47	3.74	1.77
Italy - coastal areas	0.16	0.05	0.25	0.28	0.64	0.40	0.55	0.17	—	0.03	—
Italy - other areas		—	—	—	—	—	0.07	—	—	—	—
Italy	0.16	0.05	0.25	0.28	0.64	0.47	0.55	0.17	—	0.03	—
Luxembourg	2.64	2.10	5.00	10.05	4.80	3.50	0.41	0.74	0.69	1.41	0.63
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Total	18.91	17.25	22.48	45.11	49.69	33.81	21.18	24.25	23.05	18.48	9.24

OPEN-HEARTH STEELWORKS

TABLE XVII b
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	12.33	2.92	7.87	6.18	0.98	0.84	4.09	9.78	6.07	4.33	2.53
North Rhine/Westphalia		15.62	25.05	26.78	14.03	9.26	14.82	17.55	12.26	4.47	8.16
Southern Germany		0.30	0.14	1.52	0.02	—	0.94	0.16	0.45	0.23	0.21
Saar	0.47	0.08	1.46	0.32	0.78	0.35	0.33	0.23	0.12	1.44	1.26
<i>Germany (F.R.)</i>	12.80	18.92	34.52	34.80	15.81	10.45	20.18	27.72	18.90	10.47	12.16
<i>Belgium</i>	0.30	0.05	0.24	0.53	0.60	0.19	0.26	0.04	0.36	0.20	0.19
Eastern France	5.43	3.78	2.77	2.79	2.89	2.57	4.06	3.07	2.40	1.39	1.09
Northern France		3.52	3.69	4.09	2.28	0.93	0.45	2.01	1.08	0.57	0.15
France - other areas		0.21	2.05	0.40	0.21	0.11	0.72	1.16	0.22	0.11	0.05
<i>France</i>	5.43	7.51	8.51	7.28	5.38	3.61	5.23	6.24	3.70	2.07	1.29
Italy - coastal areas	1.38	1.62	4.52	5.68	2.97	0.89	1.50	5.49	4.43	3.20	7.73
Italy - other areas		0.82	1.37	1.41	1.49	0.80	0.83	2.92	1.37	1.19	0.96
<i>Italy</i>	1.38	2.44	5.89	7.09	4.46	1.69	2.33	8.41	5.80	4.39	8.69
<i>Luxembourg</i>	—	—	—	—	—	—	—	—	—	—	—
<i>Netherlands</i>	0.21	1.73	4.76	1.91	1.13	1.62	1.12	2.35	1.42	1.38	0.37
Total	20.12	30.65	53.92	51.61	27.38	17.56	29.12	44.76	30.18	18.51	22.70

ELECTRIC-FURNACE STEELWORKS
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TABLE XVII c

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954 (¹)	1955 (¹)	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	5.42	0.05	0.61	—	—	0.38	0.74	0.35	0.02	0.01	0.01
North Rhine/Westphalia		9.76	8.47	8.30	2.57	1.02	1.65	6.51	2.97	1.16	2.67
Southern Germany		—	—	0.13	—	—	—	0.03	0.35	1.00	1.08
Saar		—	0.02	—	—	—	—	2.10	0.60	0.72	—
Germany (F.R.)	5.42	9.83	9.08	8.43	2.57	1.40	4.49	7.49	4.06	2.17	3.76
Belgium	1.60	1.41	1.22	0.37	0.14	-0.44	0.30	0.70	0.88	0.35	0.17
Eastern France	1.14	—	0.18	0.04	1.48	1.34	0.75	0.73	0.59	2.09	2.62
Northern France		1.22	0.07	—	—	—	0.71	1.03	0.30	0.09	0.33
France - other areas		0.94	2.41	4.31	3.29	1.60	2.55	5.22	6.54	4.59	3.02
France	1.14	2.16	2.66	4.35	4.77	2.94	4.01	6.98	7.43	6.77	5.97
Italy - coastal areas	1.75	—	—	—	—	0.03	0.35	0.60	0.61	2.00	2.81
Italy - other areas		1.46	3.63	2.91	3.08	3.64	1.85	5.89	7.70	5.79	6.29
Italy	1.75	1.46	3.63	2.91	3.08	3.67	2.20	6.49	8.31	7.79	9.10
Luxembourg	—	0.04	0.02	0.02	0.01	0.01	0.07	0.10	0.10	0.18	0.21
Netherlands	0.15	0.17	0.56	0.34	0.02	—	0.04	0.08	0.32	0.79	0.67
Total	10.06	15.07	17.17	16.42	10.59	8.46	11.11	21.84	21.10	18.05	19.88

⁽¹⁾ For the years 1954-1955 including other steelworks (crucible and Bessemer steelworks).

LD, KALDO AND OTHER STEELWORKS

TABLE XVII d
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954 (¹)	1955 (¹)	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	—	—	—	0.03	1.89	1.93	4.25	7.98	10.80	13.81	6.83
North Rhine/Westphalia	—	0.15	5.67	9.73	3.00	1.71	6.31	34.90	36.42	20.88	12.50
Southern Germany	—	—	—	—	—	—	—	0.04	—	—	—
Saar	—	—	—	—	—	0.83	1.74	1.91	0.32	0.29	0.09
<i>Germany (F.R.)</i>	—	0.15	5.67	9.76	4.89	4.47	12.30	44.83	47.54	34.98	19.42
<i>Belgium</i>	—	—	—	—	—	—	4.36	5.39	10.18	21.55	21.44
Eastern France	—	0.06	0.02	—	0.51	5.83	4.73	2.12	3.17	3.90	3.67
Northern France	—	—	—	—	—	—	5.00	9.60	9.80	8.00	4.50
France - other areas	—	—	0.16	—	—	—	—	—	—	—	—
<i>France</i>	—	0.06	0.18	—	0.51	5.83	9.73	11.72	12.97	11.90	8.17
Italy - coastal areas	—	—	—	—	—	—	—	0.01	1.35	45.15	49.55
Italy - other areas	—	—	—	—	—	—	—	—	—	—	—
<i>Italy</i>	—	—	—	—	—	—	—	0.01	1.35	45.15	49.55
<i>Luxembourg</i>	—	—	—	—	—	0.49	2.25	3.15	4.03	3.67	6.15
<i>Netherlands</i>	—	—	2.23	5.47	1.70	2.02	5.35	6.86	1.99	2.79	1.74
Total	—	0.21	8.08	15.23	7.10	12.81	33.99	71.96	78.06	120.04	106.47

(¹) For 1954 and 1955, LD, Rotor and similar works only (excepted crucible and Bessemer steelworks).

STEELWORKS - TOTAL

TABLE XVII e
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	} 20.99	5.96	10.22	8.23	3.70	3.47	9.42	19.22	17.38	18.63	9.91
North Rhine/Westphalia		29.58	42.28	53.03	36.70	23.73	26.51	63.12	57.52	29.28	25.15
Southern Germany		0.54	0.39	2.39	0.64	0.11	0.96	0.31	0.92	1.25	1.51
Saar	0.87	1.46	5.33	6.33	6.31	5.08	7.37	5.81	2.83	4.17	3.38
<i>Germany (F.R.)</i>	<i>21.86</i>	<i>37.54</i>	<i>58.22</i>	<i>69.98</i>	<i>47.35</i>	<i>32.39</i>	<i>44.26</i>	<i>88.46</i>	<i>78.65</i>	<i>53.33</i>	<i>39.95</i>
<i>Belgium</i>	<i>3.65</i>	<i>4.03</i>	<i>4.71</i>	<i>11.85</i>	<i>15.06</i>	<i>8.12</i>	<i>11.35</i>	<i>12.76</i>	<i>19.16</i>	<i>29.64</i>	<i>24.03</i>
Easterh France	} 12.29	7.38	6.95	8.67	8.68	14.50	14.74	12.57	10.73	10.62	8.68
Northern France		4.89	4.26	4.09	3.73	1.93	7.16	13.64	12.48	9.06	5.28
France - other areas		1.35	5.12	5.71	4.10	2.23	3.57	7.02	7.36	4.80	3.24
<i>France</i>	<i>12.29</i>	<i>13.62</i>	<i>16.33</i>	<i>18.47</i>	<i>16.51</i>	<i>18.66</i>	<i>25.47</i>	<i>33.23</i>	<i>30.57</i>	<i>24.48</i>	<i>17.20</i>
Italy - coastal areas	} 3.29	1.67	4.77	5.96	3.61	1.32	2.40	6.27	6.39	50.38	60.09
Italy - other areas		2.28	5.00	4.32	4.57	4.51	2.68	8.81	9.07	6.98	7.25
<i>Italy</i>	<i>3.29</i>	<i>3.95</i>	<i>9.77</i>	<i>10.28</i>	<i>8.18</i>	<i>5.83</i>	<i>5.08</i>	<i>15.08</i>	<i>15.46</i>	<i>57.36</i>	<i>67.34</i>
<i>Luxembourg</i>	<i>2.64</i>	<i>2.14</i>	<i>5.02</i>	<i>10.07</i>	<i>4.81</i>	<i>4.00</i>	<i>2.73</i>	<i>3.99</i>	<i>4.82</i>	<i>5.26</i>	<i>6.99</i>
<i>Netherlands</i>	<i>0.36</i>	<i>1.90</i>	<i>7.55</i>	<i>7.72</i>	<i>2.85</i>	<i>3.64</i>	<i>6.51</i>	<i>9.29</i>	<i>3.73</i>	<i>4.96</i>	<i>2.78</i>
Total	44.09	63.18	101.60	128.37	94.76	72.64	95.40	162.81	152.39	175.03	158.29

BLOOMING AND SLABBING MILLS
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TABLE XVIII a
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	9.42	0.31	0.19	0.86	1.46	0.63	2.76	10.31	9.62	13.67
North Rhine/Westphalia	20.84	17.12	19.66	11.35	6.17	12.06	20.26	18.84	29.34	9.88
Southern Germany	0.53	0.01	—	—	—	—	—	0.04	0.08	0.32
Saar	0.04	—	1.99	1.63	6.86	5.68	2.86	2.46	2.36	3.54
<i>Germany (F.R.)</i>	<i>30.83</i>	<i>17.44</i>	<i>21.84</i>	<i>13.84</i>	<i>14.49</i>	<i>18.37</i>	<i>25.88</i>	<i>31.65</i>	<i>41.40</i>	<i>27.41</i>
<i>Belgium</i>	<i>1.11</i>	<i>1.75</i>	<i>6.43</i>	<i>4.08</i>	<i>4.14</i>	<i>8.91</i>	<i>6.97</i>	<i>14.43</i>	<i>21.29</i>	<i>7.00</i>
Eastern France	3.21	4.03	3.98	3.40	3.58	4.97	14.25	11.10	3.61	2.51
Northern France	—	1.48	7.00	2.85	1.89	3.97	16.26	10.40	4.00	4.10
France - other areas	0.17	2.43	1.62	0.41	0.64	0.93	0.89	0.32	0.84	0.06
<i>France</i>	<i>3.38</i>	<i>7.94</i>	<i>12.60</i>	<i>6.66</i>	<i>6.11</i>	<i>9.87</i>	<i>31.40</i>	<i>21.82</i>	<i>8.45</i>	<i>6.67</i>
Italy - coastal areas	0.18	0.77	0.45	4.38	13.06	3.24	2.86	4.03	13.50	23.23
Italy - other areas	1.99	0.77	2.43	1.78	0.69	1.19	2.73	6.02	8.61	8.42
<i>Italy</i>	<i>2.17</i>	<i>1.54</i>	<i>2.88</i>	<i>6.16</i>	<i>13.75</i>	<i>4.43</i>	<i>5.59</i>	<i>10.05</i>	<i>22.11</i>	<i>31.65</i>
<i>Luxembourg</i>	<i>2.76</i>	<i>0.54</i>	<i>0.51</i>	<i>0.18</i>	<i>0.25</i>	<i>0.24</i>	<i>1.53</i>	<i>3.40</i>	<i>5.09</i>	<i>2.25</i>
<i>Netherlands</i>	<i>1.09</i>	<i>1.95</i>	<i>0.83</i>	<i>0.67</i>	<i>1.63</i>	<i>1.78</i>	<i>3.39</i>	<i>9.91</i>	<i>10.40</i>	<i>3.60</i>
Total		23.10	41.34	31.16	45.09	31.59	40.37	43.60	74.76	91.26	108.74

CONTINUOUS CASTING PLANTS ⁽¹⁾

TABLE XVIII b

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1962	1963	1964
Northern Germany	—	—	—
North Rhine/Westphalia ...	2.31	3.33	3.88
Southern Germany	—	—	—
Saar	—	0.49	1.45
<i>Germany (F.R.)</i>	<i>2.31</i>	<i>3.82</i>	<i>5.33</i>
<i>Belgium</i>	—	<i>0.27</i>	—
Eastern France	—	—	—
Northern France	—	—	—
France - other areas	—	—	—
<i>France</i>	—	—	—
Italy - coastal areas	—	—	—
Italy - other areas	—	—	0.25
<i>Italy</i>	—	—	<i>0.25</i>
<i>Luxembourg</i>	—	—	—
<i>Netherlands</i>	—	—	—
Total	2.31	4.09	5.58

⁽¹⁾ Capital expenditure concerning the years before 1962 appears in table XVIII a (Blooming and Slabbing Mills).

SECTION MILLS

TABLE XVIII c
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	12.02	8.42	0.89	0.29	1.11	2.31	5.31	5.58	10.01	5.88
North Rhine/Westphalia	38.20	21.71	17.93	9.12	10.85	15.33	25.26	35.83	40.89	29.91
Southern Germany	2.85	0.82	0.65	0.61	0.22	0.57	0.64	0.89	0.94	0.17
Saar	8.12	15.63	12.25	2.95	6.39	7.30	15.15	8.69	6.45	1.01
Germany (F.R.)	61.19	46.58	31.72	12.97	18.57	25.51	46.36	50.99	58.29	36.97
Belgium	2.63	2.75	2.62	8.39	15.77	23.91	16.75	16.25	5.73	5.24
Eastern France	8.76	12.03	12.92	9.93	9.31	11.51	15.50	28.41	31.67	30.35
Northern France	1.61	2.31	3.62	3.51	3.78	4.76	15.86	16.79	9.49	2.35
France - other areas	3.85	5.75	8.96	7.77	2.54	2.88	4.61	4.61	4.20	9.36
France	14.22	20.09	25.48	21.21	15.63	19.15	35.97	49.81	45.36	42.06
Italy - coastal areas	0.32	0.22	0.32	0.36	0.80	4.52	5.52	3.66	7.19	17.95
Italy - other areas	8.29	10.30	13.70	14.93	5.10	2.58	4.03	4.57	8.24	8.24
Italy	8.61	10.52	14.02	15.29	5.90	7.10	9.55	8.23	15.43	26.19
Luxembourg	0.23	0.33	5.35	3.43	8.43	13.95	9.52	8.92	17.02	12.27
Netherlands	—	—	0.01	0.07	0.03	0.77	2.85	10.28	21.60	23.54
Total	74.40	86.88	80.27	79.20	61.36	64.33	90.39	121.00	144.48	163.43	146.27

FLAT-PRODUCT MILLS

TABLE XVIII d

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	23.26	19.74	17.01	11.00	7.41	12.85	47.57	40.15	38.81	27.28
North Rhine-Westphalia	67.33	38.07	35.90	22.04	12.55	33.45	57.13	60.02	88.85	104.48
Southern Germany	1.98	0.46	1.21	0.02	0.12	22.06	14.33	8.06	2.51	3.27
Saar	0.44	1.10	5.75	0.40	0.36	0.27	0.19	1.85	1.86	0.59
<i>Germany (F.R.)</i>	<i>93.01</i>	<i>59.37</i>	<i>59.87</i>	<i>34.46</i>	<i>20.44</i>	<i>68.63</i>	<i>119.22</i>	<i>110.08</i>	<i>132.03</i>	<i>135.62</i>
<i>Belgium</i>	<i>7.59</i>	<i>7.33</i>	<i>3.35</i>	<i>11.74</i>	<i>12.48</i>	<i>36.94</i>	<i>33.43</i>	<i>29.57</i>	<i>50.72</i>	<i>44.47</i>
Eastern France	11.49	5.82	12.66	12.86	9.38	16.33	34.83	37.56	13.10	14.73
Northern France	11.33	12.12	7.97	3.70	5.32	23.80	48.77	59.43	44.36	26.68
France - other areas	3.86	3.51	2.15	3.01	3.74	5.30	7.26	5.45	8.40	5.61
<i>France</i>	<i>26.68</i>	<i>21.45</i>	<i>22.78</i>	<i>19.57</i>	<i>18.44</i>	<i>45.43</i>	<i>90.86</i>	<i>102.44</i>	<i>65.86</i>	<i>47.02</i>
Italy - coastal areas	1.77	8.43	16.72	3.19	8.38	3.37	3.73	4.25	68.87	52.26
Italy - other areas	7.09	6.07	3.54	4.71	2.87	5.50	27.60	48.91	61.35	61.51
<i>Italy</i>	<i>8.86</i>	<i>14.50</i>	<i>20.26</i>	<i>7.90</i>	<i>11.25</i>	<i>8.87</i>	<i>31.33</i>	<i>53.16</i>	<i>130.22</i>	<i>113.77</i>
<i>Luxembourg</i>	<i>4.42</i>	<i>0.38</i>	<i>0.29</i>	<i>0.31</i>	<i>0.07</i>	<i>1.01</i>	<i>1.09</i>	<i>0.91</i>	<i>0.57</i>	<i>0.31</i>
<i>Netherlands</i>	<i>3.03</i>	<i>4.08</i>	<i>4.89</i>	<i>3.93</i>	<i>4.91</i>	<i>14.59</i>	<i>17.29</i>	<i>2.57</i>	<i>0.93</i>	<i>3.36</i>
Total	139.60	143.59	107.11	111.44	77.91	67.59	175.47	293.22	298.73	380.33	344.55

ROLLING-MILLS - TOTAL ⁽¹⁾

TABLE XVIII e
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	138.03	45.52	29.30	19.14	13.01	10.61	15.99	55.94	56.30	58.69	46.93
North Rhine/Westphalia		136.30	83.15	78.10	48.67	34.09	65.27	108.73	122.98	172.98	165.31
Southern Germany		6.75	2.32	3.43	3.35	0.45	24.13	15.55	14.80	5.39	4.28
Saar	8.00	9.80	17.78	20.54	5.79	13.74	13.56	18.69	13.48	13.44	9.02
<i>Germany (F.R.)</i>	<i>146.03</i>	<i>198.37</i>	<i>132.55</i>	<i>121.21</i>	<i>70.82</i>	<i>58.89</i>	<i>118.95</i>	<i>198.91</i>	<i>207.56</i>	<i>250.50</i>	<i>225.54</i>
<i>Belgium</i>	<i>15.57</i>	<i>13.80</i>	<i>16.63</i>	<i>16.05</i>	<i>27.22</i>	<i>34.26</i>	<i>77.74</i>	<i>68.21</i>	<i>72.26</i>	<i>89.09</i>	<i>62.72</i>
Eastern France	64.00	29.63	23.97	36.71	33.91	26.26	37.51	70.19	90.58	66.05	51.47
Northern France		13.52	17.55	24.50	14.36	13.67	35.26	84.68	94.13	65.26	35.60
France - other areas		9.23	12.24	13.56	14.03	12.11	13.07	16.48	16.56	21.22	18.85
<i>France</i>	<i>64.00</i>	<i>52.38</i>	<i>53.76</i>	<i>74.77</i>	<i>62.30</i>	<i>52.04</i>	<i>85.84</i>	<i>171.35</i>	<i>201.27</i>	<i>152.53</i>	<i>105.92</i>
Italy - coastal areas	25.39	4.52	13.97	25.06	11.26	26.39	20.86	15.58	16.02	98.43	113.36
Italy - other areas		18.69	17.80	24.47	23.32	9.23	10.09	35.60	61.87	79.61	80.97
<i>Italy</i>	<i>25.39</i>	<i>23.21</i>	<i>31.77</i>	<i>49.53</i>	<i>34.58</i>	<i>35.62</i>	<i>30.95</i>	<i>51.18</i>	<i>77.89</i>	<i>178.04</i>	<i>194.33</i>
<i>Luxembourg</i>	<i>11.21</i>	<i>8.40</i>	<i>3.27</i>	<i>9.30</i>	<i>5.23</i>	<i>10.52</i>	<i>16.02</i>	<i>12.33</i>	<i>13.97</i>	<i>22.98</i>	<i>14.96</i>
<i>Netherlands</i>	<i>2.95</i>	<i>4.92</i>	<i>6.91</i>	<i>11.48</i>	<i>6.90</i>	<i>7.31</i>	<i>20.80</i>	<i>29.88</i>	<i>24.62</i>	<i>33.25</i>	<i>30.81</i>
Total	265.15	301.08	244.89	282.34	207.05	198.64	350.30	532.36	597.57	726.39	634.28

⁽¹⁾ Including ancillary and auxiliary plants.

STEELWORKS-OWNED POWER-GENERATING (PLANTS AND DISTRIBUTION NETWORKS)

TABLE XIX a

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	14.83	4.07	1.99	2.10	1.83	1.88	2.13	3.96	12.53	15.10	6.59
North Rhine/Westphalia		12.19	8.91	9.27	9.56	6.01	11.70	17.44	18.34	16.07	16.73
Southern Germany		1.24	2.62	2.85	1.40	0.40	0.87	0.26	1.12	1.10	2.13
Saar		0.88	0.57	1.02	2.29	2.61	0.68	1.44	2.99	2.61	6.27	3.81
<i>Germany (F.R.)</i>	15.71	18.07	14.54	16.51	15.40	8.97	16.14	24.65	34.60	38.54	29.26
<i>Belgium</i>	2.35	2.86	1.59	4.48	7.06	7.26	9.08	5.87	5.93	6.82	5.12
Eastern France	21.15	12.45	9.02	14.17	22.87	30.36	23.33	18.80	18.69	19.34	5.37
Northern France		0.67	0.60	0.39	0.53	0.81	2.33	5.19	2.79	1.13	2.08
France - other areas		0.79	1.28	1.60	2.14	2.26	2.01	1.59	2.69	1.69	1.00
<i>France</i>	21.15	13.91	10.90	16.16	25.54	33.43	27.67	25.58	24.17	22.16	8.45
Italy - coastal areas	1.20	0.38	0.72	1.08	3.57	5.70	5.04	7.83	10.52	18.47	38.45
Italy - other areas		1.10	0.53	1.28	1.27	0.76	0.49	0.71	0.63	2.00	2.07
<i>Italy</i>	1.20	1.48	1.25	2.36	4.84	6.46	5.53	8.54	11.15	20.47	40.52
<i>Luxembourg</i>	1.32	2.30	2.51	2.21	1.74	0.88	0.41	1.22	1.40	1.66	0.82
<i>Netherlands</i>	1.25	0.69	1.18	1.48	2.24	1.80	1.85	5.83	6.98	4.00	2.17
Total	42.98	39.31	31.97	43.20	56.82	58.80	60.68	71.69	84.23	93.65	86.34

MISCELLANEOUS (IRON AND STEEL WORKS)

TABLE XIX b
Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	12.37	2.28	5.43	5.67	5.13	2.07	3.30	6.49	11.29	8.55	6.65
North Rhine/Westphalia		12.12	17.29	21.64	19.13	15.66	19.86	30.55	28.75	36.21	24.85
Southern Germany		0.76	0.77	1.28	1.00	0.90	0.58	1.04	1.01	1.37	1.56
Saar	2.77	1.94	2.42	3.05	4.42	5.50	4.10	6.63	4.67	4.27	5.97
<i>Germany (F.R.)</i>	15.14	17.10	25.91	31.64	29.68	24.13	27.84	44.71	45.72	50.40	39.03
<i>Belgium</i>	2.52	3.53	4.87	6.71	6.76	6.10	8.57	10.01	12.98	16.31	15.09
Eastern France	7.42	5.93	9.93	11.01	16.66	16.23	17.85	20.37	24.97	24.51	21.72
Northern France		2.21	5.48	3.56	7.98	10.49	14.90	25.83	24.95	18.24	6.98
France - other areas		1.37	2.58	1.88	4.72	2.62	3.32	5.81	5.19	4.52	2.98
<i>France</i>	7.42	9.51	17.99	16.45	29.36	29.34	36.07	52.01	55.11	47.27	31.68
Italy - coastal areas	4.77	1.26	1.63	5.08	1.93	2.15	9.84	15.43	27.74	94.99	112.95
Italy - other areas		3.24	4.39	4.27	5.72	2.29	5.63	5.80	8.01	8.06	6.81
<i>Italy</i>	4.77	4.50	6.02	9.35	7.65	4.44	15.47	21.23	35.75	103.05	119.76
<i>Luxembourg</i>	0.79	0.83	1.39	2.10	2.25	2.52	1.78	1.47	2.34	1.31	1.36
<i>Netherlands</i>	0.86	2.36	4.72	4.48	3.19	3.16	6.89	7.93	10.97	7.72	6.78
Total	31.50	37.83	60.90	70.73	78.89	69.69	96.62	137.36	162.87	226.06	213.70

GENERAL SERVICES (IRON AND STEEL WORKS) TOTAL
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TABLE XIX c

Capital Expenditure by Areas

'000,000 dollars (E.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	} 27.20	6.35	7.42	7.77	6.96	3.95	5.43	10.45	23.82	23.65	13.24
North Rhine/Westphalia		24.31	26.20	30.91	28.69	21.67	31.56	47.99	47.09	52.28	41.58
Southern Germany		2.00	3.39	4.13	2.40	1.30	1.45	1.30	2.13	2.47	3.69
Saar		3.65	2.51	3.44	5.34	7.03	6.18	5.54	9.62	7.28	10.54	9.78
<i>Germany (F.R.)</i>	<i>30.85</i>	<i>35.17</i>	<i>40.45</i>	<i>48.15</i>	<i>45.08</i>	<i>33.10</i>	<i>43.98</i>	<i>69.36</i>	<i>80.32</i>	<i>88.94</i>	<i>68.29</i>
<i>Belgium</i>	<i>4.87</i>	<i>6.39</i>	<i>6.46</i>	<i>11.19</i>	<i>13.82</i>	<i>13.36</i>	<i>17.65</i>	<i>15.88</i>	<i>18.91</i>	<i>23.13</i>	<i>20.21</i>
Eastern France	} 28.57	18.38	18.95	25.18	39.53	46.59	41.18	38.17	43.66	43.85	27.09
Northern France		2.88	6.08	3.95	8.51	11.30	17.23	31.02	27.74	19.37	9.06
France - other areas		2.16	3.86	3.48	6.86	4.88	5.33	7.40	7.88	6.21	3.98
<i>France</i>	<i>28.57</i>	<i>23.42</i>	<i>28.89</i>	<i>32.61</i>	<i>54.90</i>	<i>62.77</i>	<i>63.74</i>	<i>77.59</i>	<i>79.28</i>	<i>69.43</i>	<i>40.13</i>
Italy - coastal areas	} 5.97	1.64	2.35	6.16	5.50	7.85	14.88	23.26	38.26	113.46	151.40
Italy - other areas		4.34	4.92	5.55	6.99	3.05	6.12	6.51	8.64	10.06	8.88
<i>Italy</i>	<i>5.97</i>	<i>5.98</i>	<i>7.27</i>	<i>11.71</i>	<i>12.49</i>	<i>10.90</i>	<i>21.00</i>	<i>29.77</i>	<i>46.90</i>	<i>123.52</i>	<i>160.28</i>
<i>Luxembourg</i>	<i>2.11</i>	<i>3.13</i>	<i>3.90</i>	<i>4.31</i>	<i>3.99</i>	<i>3.40</i>	<i>2.19</i>	<i>2.69</i>	<i>3.74</i>	<i>2.97</i>	<i>2.18</i>
<i>Netherlands</i>	<i>2.11</i>	<i>3.05</i>	<i>5.90</i>	<i>5.96</i>	<i>5.43</i>	<i>4.96</i>	<i>8.74</i>	<i>13.76</i>	<i>17.95</i>	<i>11.72</i>	<i>8.95</i>
Total	74.48	77.14	92.87	113.93	135.71	128.49	157.30	209.05	247.10	319.71	300.04

SINTER

TABLE XX

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	2.7	2.8	3.3	3.4	4.7	5.1	5.1	5.3	5.7	7.0	7.9
North Rhine/Westphalia	8.7	9.0	9.5	10.5	12.0	14.2	15.7	17.7	17.9	19.2	20.8
Southern Germany	0.1	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4
Saar	3.2	3.3	3.4	3.5	3.7	3.8	4.4	5.4	5.3	5.4	6.0
<i>Germany (F.R.)</i>	<i>14.7</i>	<i>15.2</i>	<i>16.5</i>	<i>17.7</i>	<i>20.7</i>	<i>23.4</i>	<i>25.5</i>	<i>28.7</i>	<i>29.2</i>	<i>31.9</i>	<i>35.1</i>
<i>Belgium</i>	<i>0.7</i>	<i>0.8</i>	<i>0.8</i>	<i>1.3</i>	<i>2.0</i>	<i>2.6</i>	<i>4.3</i>	<i>5.5</i>	<i>6.3</i>	<i>8.0</i>	<i>9.0</i>
Eastern France	1.8	1.7	1.8	2.6	3.5	5.4	6.2	8.0	12.9	14.8	16.3
Northern France	0.1	0.1	0.1	0.3	0.4	0.6	1.2	1.5	2.4	2.7	3.0
France - other areas	0.0	0.1	0.1	0.1	0.5	0.7	0.7	0.7	0.8	0.9	1.3
<i>France</i>	<i>1.9</i>	<i>1.9</i>	<i>2.0</i>	<i>3.0</i>	<i>4.4</i>	<i>6.7</i>	<i>8.1</i>	<i>10.2</i>	<i>16.1</i>	<i>18.4</i>	<i>20.6</i>
Italy - coastal areas	1.4	1.6	2.0	2.0	2.0	2.1	2.2	2.2	2.2	3.2	5.8
Italy - other areas	0.5	0.4	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.6	0.5
<i>Italy</i>	<i>1.9</i>	<i>2.0</i>	<i>2.5</i>	<i>2.5</i>	<i>2.6</i>	<i>2.7</i>	<i>2.8</i>	<i>2.9</i>	<i>2.8</i>	<i>3.8</i>	<i>6.3</i>
<i>Luxembourg</i>	<i>1.2</i>	<i>1.6</i>	<i>1.9</i>	<i>2.0</i>	<i>2.5</i>	<i>3.0</i>	<i>3.1</i>	<i>3.4</i>	<i>5.0</i>	<i>5.4</i>	<i>5.6</i>
<i>Netherlands</i>	—	—	0.6	0.7	0.9	1.0	2.0	2.1	2.5	3.2	3.2
Total	20.4	21.5	24.3	27.2	33.1	39.4	45.8	52.8	61.9	70.7	79.8

PIG-IRON

TABLE XXI
Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	2.1	2.2	2.4	2.7	2.9	3.4	3.6	3.8	3.8	3.9	4.2
North Rhine/Westphalia	13.8	14.8	15.5	16.0	17.5	18.9	19.5	21.0	21.9	21.6	23.1
Southern Germany	1.1	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.4	1.4	1.7
Saar	3.0	3.1	3.3	3.3	3.4	3.5	3.7	3.6	3.7	3.8	4.6
<i>Germany (F.R.)</i>	<i>20.2</i>	<i>21.1</i>	<i>22.3</i>	<i>23.2</i>	<i>25.1</i>	<i>27.1</i>	<i>28.2</i>	<i>29.8</i>	<i>30.8</i>	<i>30.7</i>	<i>33.6</i>
<i>Belgium</i>	<i>5.5</i>	<i>6.0</i>	<i>6.3</i>	<i>6.6</i>	<i>6.9</i>	<i>7.2</i>	<i>7.5</i>	<i>7.6</i>	<i>7.9</i>	<i>8.9</i>	<i>9.6</i>
Eastern France	8.5	9.5	9.7	10.0	10.3	11.1	11.8	12.1	12.7	13.1	13.6
Northern France	2.0	1.7	1.8	1.8	2.1	2.4	2.6	2.6	3.3	3.7	4.0
France - other areas	0.9	1.0	1.1	1.1	1.2	1.2	1.3	1.2	1.3	1.3	1.2
<i>France</i>	<i>11.4</i>	<i>12.2</i>	<i>12.6</i>	<i>12.9</i>	<i>13.6</i>	<i>14.7</i>	<i>15.7</i>	<i>15.9</i>	<i>17.3</i>	<i>18.1</i>	<i>18.8</i>
Italy - coastal areas	1.4	1.6	1.8	1.8	1.8	2.3	2.7	3.3	3.4	3.8	5.9
Italy - other areas	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5
<i>Italy</i>	<i>1.8</i>	<i>2.0</i>	<i>2.3</i>	<i>2.3</i>	<i>2.4</i>	<i>2.9</i>	<i>3.3</i>	<i>3.9</i>	<i>4.0</i>	<i>4.4</i>	<i>6.4</i>
<i>Luxembourg</i>	<i>3.1</i>	<i>3.4</i>	<i>3.5</i>	<i>3.6</i>	<i>3.8</i>	<i>3.9</i>	<i>3.9</i>	<i>4.0</i>	<i>4.1</i>	<i>4.5</i>	<i>4.6</i>
<i>Netherlands</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>1.0</i>	<i>1.2</i>	<i>1.4</i>	<i>1.5</i>	<i>1.7</i>	<i>1.8</i>	<i>2.2</i>	<i>2.4</i>
Total	42.5	45.4	47.7	49.6	53.0	57.2	60.1	62.9	65.9	68.8	75.4

BASIC BESSEMER STEEL

TABLE XXII-a
Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	1.0	1.2	1.3	1.4	1.6	1.7	1.9	1.8	1.8	1.8	1.2
North Rhine/Westphalia	8.0	8.4	8.7	9.0	9.6	10.1	10.2	9.8	9.2	7.9	7.6
Southern Germany	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.9
Saar	2.5	2.6	2.6	2.8	2.8	2.9	2.9	2.9	2.9	3.0	3.8
<i>Germany (F.R.)</i>	<i>11.9</i>	<i>12.7</i>	<i>13.1</i>	<i>13.7</i>	<i>14.6</i>	<i>15.3</i>	<i>15.6</i>	<i>15.1</i>	<i>14.5</i>	<i>13.1</i>	<i>13.5</i>
<i>Belgium</i>	<i>5.2</i>	<i>5.5</i>	<i>5.8</i>	<i>6.0</i>	<i>6.1</i>	<i>6.6</i>	<i>6.8</i>	<i>6.9</i>	<i>7.2</i>	<i>7.6</i>	<i>7.4</i>
Eastern France	6.7	7.0	7.2	7.6	8.0	8.7	8.9	9.5	9.7	9.5	9.9
Northern France	1.1	1.2	1.2	1.2	1.4	1.5	1.5	1.5	1.5	1.4	1.4
France - other areas	0.3	0.3	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6
<i>France</i>	<i>8.1</i>	<i>8.5</i>	<i>8.7</i>	<i>9.1</i>	<i>9.8</i>	<i>10.6</i>	<i>10.9</i>	<i>11.5</i>	<i>11.7</i>	<i>11.4</i>	<i>11.9</i>
Italy - coastal areas	0.4	0.4	0.4	0.4	0.4	0.6	0.7	0.7	0.7	0.6	—
Italy - other areas	—	—	—	—	—	—	—	—	—	—	—
<i>Italy</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>0.6</i>	—
<i>Luxembourg</i>	<i>3.2</i>	<i>3.4</i>	<i>3.5</i>	<i>3.5</i>	<i>3.8</i>	<i>4.1</i>	<i>4.1</i>	<i>4.1</i>	<i>4.2</i>	<i>4.4</i>	<i>4.2</i>
<i>Netherlands</i>	—	—	—	—	—	—	—	—	—	—	—
Total	28.8	30.5	31.5	32.7	34.7	37.2	38.1	38.3	38.3	37.1	37.0

OPEN-HEARTH STEEL

TABLE XXII b
Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	1.3	1.4	1.6	1.9	1.9	2.2	2.4	2.5	2.8	2.8	3.2
North Rhine-Westphalia	9.3	10.2	11.1	11.4	11.8	12.5	13.0	13.4	13.4	13.8	14.7
Southern Germany	0.9	0.7	0.8	1.0	1.0	1.0	1.0	0.8	0.7	0.8	0.8
Saar	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0
<i>Germany (F.R.)</i>	<i>12.2</i>	<i>13.0</i>	<i>14.3</i>	<i>15.1</i>	<i>15.5</i>	<i>16.6</i>	<i>17.3</i>	<i>17.6</i>	<i>17.8</i>	<i>18.4</i>	<i>19.7</i>
<i>Belgium</i>	<i>0.7</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>
Eastern France	1.8	2.0	2.0	2.2	2.2	2.3	2.4	2.5	2.6	2.7	2.7
Northern France	1.5	1.6	1.9	2.1	2.1	2.4	2.3	2.4	2.5	2.4	2.3
France - other areas	0.9	1.0	0.8	0.9	0.7	0.6	0.6	0.6	0.5	0.6	0.6
<i>France</i>	<i>4.2</i>	<i>4.6</i>	<i>4.7</i>	<i>5.2</i>	<i>5.0</i>	<i>5.3</i>	<i>5.3</i>	<i>5.5</i>	<i>5.6</i>	<i>5.7</i>	<i>5.6</i>
<i>Italy</i> - coastal areas	<i>1.4</i>	<i>1.5</i>	<i>2.2</i>	<i>2.4</i>	<i>2.4</i>	<i>2.6</i>	<i>3.1</i>	<i>3.3</i>	<i>3.4</i>	<i>3.3</i>	<i>3.5</i>
<i>Italy</i> - other areas	<i>1.8</i>	<i>2.0</i>	<i>2.0</i>	<i>2.1</i>	<i>2.0</i>	<i>2.1</i>	<i>2.2</i>	<i>2.3</i>	<i>2.1</i>	<i>2.1</i>	<i>2.4</i>
<i>Italy</i>	<i>3.2</i>	<i>3.5</i>	<i>4.2</i>	<i>4.5</i>	<i>4.4</i>	<i>4.7</i>	<i>5.3</i>	<i>5.6</i>	<i>5.5</i>	<i>5.4</i>	<i>5.9</i>
<i>Luxembourg</i>	—	—	—	—	—	—	—	—	—	—	—
<i>Netherlands</i>	<i>0.9</i>	<i>0.9</i>	<i>1.0</i>	<i>1.1</i>	<i>1.2</i>	<i>1.2</i>	<i>1.2</i>	<i>1.2</i>	<i>1.2</i>	<i>1.1</i>	<i>1.1</i>
Total	21.2	22.8	25.0	26.7	26.9	28.6	29.9	30.6	30.8	31.3	33.0

ELECTRIC-FURNACE STEEL

TABLE XXII c

Production Potential by Areas

'000,000 metric tons

Area	1955 (¹)	1956 (¹)	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3
North Rhine/Westphalia	0.9	1.1	1.3	1.6	1.8	2.0	2.1	2.5	2.5	2.6	2.9
Southern Germany	0.1	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.2
Saar	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2
<i>Germany (F.R.)</i>	<i>1.2</i>	<i>1.4</i>	<i>1.7</i>	<i>1.9</i>	<i>2.1</i>	<i>2.4</i>	<i>2.6</i>	<i>3.0</i>	<i>3.0</i>	<i>3.2</i>	<i>3.6</i>
<i>Belgium</i>	<i>0.4</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.7</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>
Eastern France	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.6
Northern France	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
France - other areas	0.6	0.7	0.7	0.9	1.0	1.1	1.2	1.2	1.3	1.3	1.4
<i>France</i>	<i>1.1</i>	<i>1.2</i>	<i>1.2</i>	<i>1.5</i>	<i>1.6</i>	<i>1.7</i>	<i>1.8</i>	<i>1.9</i>	<i>2.0</i>	<i>2.1</i>	<i>2.3</i>
Italy - coastal areas	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.5	0.5	0.6
Italy - other areas	1.9	2.2	2.6	2.7	2.8	3.1	3.5	3.7	4.2	4.6	5.1
<i>Italy</i>	<i>2.1</i>	<i>2.5</i>	<i>2.9</i>	<i>3.0</i>	<i>3.1</i>	<i>3.4</i>	<i>3.8</i>	<i>4.1</i>	<i>4.7</i>	<i>5.1</i>	<i>5.7</i>
<i>Luxembourg</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>
<i>Netherlands</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>
Total	5.0	5.9	6.6	7.2	7.7	8.4	9.1	10.0	10.6	11.3	12.5

(¹) Including "other steels" (crucible and Bessemer steel).

LD, KALDO AND OTHER STEELS

TABLE XXII d

Production Potential by Areas

'000,000 metric tons

Area	1955 (1)	1956 (1)	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	—	—	0.0	0.0	0.0	0.1	0.2	0.4	0.5	0.7	1.7
North Rhine/Westphalia ...	—	—	0.1	0.6	0.6	1.0	1.1	1.8	3.5	5.4	6.7
Southern Germany	—	—	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saar	—	—	—	—	—	0.0	0.1	0.2	0.2	0.3	0.3
<i>Germany (F.R.)</i>	—	—	0.2	0.6	0.6	1.1	1.4	2.4	4.2	6.4	8.7
<i>Belgium</i>	—	—	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	1.8
Eastern France	—	—	0.0	0.0	0.0	0.1	0.3	0.5	0.7	0.8	1.0
Northern France	—	—	0.1	0.1	0.1	0.0	0.2	0.3	0.9	1.5	1.9
France - other areas	—	—	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0
<i>France</i>	—	—	0.2	0.2	0.2	0.2	0.6	0.9	1.7	2.3	2.9
Italy - coastal areas	—	—	—	—	—	—	—	—	—	0.5	3.3
Italy - other areas	—	—	—	—	—	—	—	—	—	—	0.0
<i>Italy</i>	—	—	—	—	—	—	—	—	—	0.5	3.3
<i>Luxembourg</i>	—	—	—	—	—	—	—	0.1	0.2	0.3	0.6
<i>Netherlands</i>	—	—	0.0	0.3	0.5	0.7	0.8	1.1	1.5	1.8	2.2
Total	—	—	0.4	1.1	1.3	2.0	2.8	4.5	7.9	12.2	19.5

(1) For the years 1955 and 1956 only LD, Kaldo and similar steels (excepted crucible and Bessemer steel).

STEEL - TOTAL

TABLE XXII e

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	2.4	2.7	3.0	3.4	3.6	4.2	4.7	4.9	5.3	5.3	6.4
North Rhine/Westphalia ...	18.2	19.7	21.2	22.6	23.8	25.6	26.4	27.5	28.6	29.7	31.9
Southern Germany	1.4	1.3	1.6	1.6	1.7	1.7	1.8	1.5	1.4	1.6	1.9
Saar	3.3	3.4	3.5	3.7	3.7	3.9	4.0	4.2	4.2	4.5	5.3
<i>Germany (F.R.)</i>	<i>25.3</i>	<i>27.1</i>	<i>29.3</i>	<i>31.3</i>	<i>32.8</i>	<i>35.4</i>	<i>36.9</i>	<i>38.1</i>	<i>39.5</i>	<i>41.1</i>	<i>45.5</i>
<i>Belgium</i>	<i>6.3</i>	<i>6.8</i>	<i>7.1</i>	<i>7.3</i>	<i>7.5</i>	<i>8.0</i>	<i>8.2</i>	<i>8.3</i>	<i>8.8</i>	<i>9.8</i>	<i>10.5</i>
Eastern France	8.8	9.3	9.5	10.2	10.6	11.5	12.0	12.9	13.4	13.5	14.2
Northern France	2.8	3.0	3.4	3.6	3.8	4.1	4.2	4.5	5.2	5.6	5.9
France - other areas	1.8	2.0	1.9	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.6
<i>France</i>	<i>13.4</i>	<i>14.3</i>	<i>14.8</i>	<i>16.0</i>	<i>16.6</i>	<i>17.8</i>	<i>18.6</i>	<i>19.8</i>	<i>21.0</i>	<i>21.5</i>	<i>22.7</i>
Italy - coastal areas	2.0	2.2	2.9	3.1	3.1	3.5	4.1	4.4	4.6	4.9	7.4
Italy - other areas	3.7	4.2	4.6	4.8	4.8	5.2	5.7	6.0	6.3	6.7	7.5
<i>Italy</i>	<i>5.7</i>	<i>6.4</i>	<i>7.5</i>	<i>7.9</i>	<i>7.9</i>	<i>8.7</i>	<i>9.8</i>	<i>10.4</i>	<i>10.9</i>	<i>11.6</i>	<i>14.9</i>
<i>Luxembourg</i>	<i>3.3</i>	<i>3.5</i>	<i>3.6</i>	<i>3.6</i>	<i>3.9</i>	<i>4.2</i>	<i>4.2</i>	<i>4.3</i>	<i>4.5</i>	<i>4.8</i>	<i>4.9</i>
<i>Netherlands</i>	<i>1.0</i>	<i>1.1</i>	<i>1.2</i>	<i>1.6</i>	<i>1.9</i>	<i>2.1</i>	<i>2.2</i>	<i>2.5</i>	<i>2.9</i>	<i>3.1</i>	<i>3.5</i>
Total	55.0	59.2	63.5	67.7	70.6	76.2	79.9	83.4	87.6	91.9	102.0

SECTIONS

TABLE XXIII a

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.7	2.3
North Rhine/Westphalia	6.4	7.2	7.6	8.0	8.3	8.9	9.1	9.3	9.6	10.2	11.5
Southern Germany	0.6	0.5	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.8
Saar	1.6	1.7	1.7	1.8	1.9	2.0	2.1	2.1	2.4	2.3	3.0
<i>Germany (F.R.)</i>	<i>9.6</i>	<i>10.5</i>	<i>11.2</i>	<i>11.6</i>	<i>12.2</i>	<i>13.0</i>	<i>13.3</i>	<i>13.6</i>	<i>14.1</i>	<i>14.9</i>	<i>17.6</i>
<i>Belgium</i>	<i>2.9</i>	<i>2.9</i>	<i>3.2</i>	<i>3.3</i>	<i>3.4</i>	<i>3.5</i>	<i>3.4</i>	<i>3.7</i>	<i>4.0</i>	<i>4.1</i>	<i>4.4</i>
Eastern France	4.3	3.8	4.6	4.9	4.8	5.0	5.5	5.4	5.6	5.5	5.8
Northern France	0.9	1.1	1.0	1.0	1.0	1.2	1.2	1.3	1.6	1.7	1.7
France - other areas	0.8	0.9	0.8	0.9	0.9	1.1	1.1	1.2	1.3	1.2	1.2
<i>France</i>	<i>6.0</i>	<i>5.8</i>	<i>6.4</i>	<i>6.8</i>	<i>6.7</i>	<i>7.3</i>	<i>7.8</i>	<i>7.9</i>	<i>8.5</i>	<i>8.4</i>	<i>8.7</i>
Italy - coastal areas	0.8	0.7	1.0	1.0	1.0	1.0	1.1	1.1	1.3	1.3	1.4
Italy - other areas	1.6	1.8	2.3	2.4	2.8	3.2	3.4	3.7	3.8	3.9	4.1
<i>Italy</i>	<i>2.4</i>	<i>2.5</i>	<i>3.3</i>	<i>3.4</i>	<i>3.8</i>	<i>4.2</i>	<i>4.5</i>	<i>4.8</i>	<i>5.1</i>	<i>5.2</i>	<i>5.5</i>
<i>Luxembourg</i>	<i>1.8</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>2.0</i>	<i>2.1</i>	<i>2.2</i>	<i>2.2</i>	<i>2.2</i>	<i>2.2</i>	<i>2.3</i>
<i>Netherlands</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.3</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>
Total	22.9	23.8	26.2	27.2	28.4	30.4	31.4	32.4	34.2	35.2	38.9

FLAT PRODUCTS ⁽¹⁾

TABLE XXIII b

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	0.4	0.5	0.5	0.9	0.8	1.0	1.1	1.3	1.6	2.1	2.5
North Rhine/Westphalia ...	5.5	6.0	7.6	8.2	8.3	8.5	8.7	9.1	9.6	10.1	12.0
Southern Germany	0.6	0.7	0.4	0.7	0.7	0.9	0.9	1.1	1.3	1.4	1.7
Saar	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.8	1.0	1.1	1.2
<i>Germany (F.R.)</i>	<i>7.3</i>	<i>8.0</i>	<i>9.3</i>	<i>10.7</i>	<i>10.7</i>	<i>11.3</i>	<i>11.6</i>	<i>12.3</i>	<i>13.5</i>	<i>14.7</i>	<i>17.4</i>
<i>Belgium</i>	<i>1.9</i>	<i>2.0</i>	<i>2.3</i>	<i>2.5</i>	<i>2.5</i>	<i>2.5</i>	<i>2.4</i>	<i>2.6</i>	<i>3.0</i>	<i>3.4</i>	<i>3.9</i>
Eastern France	2.3	2.1	3.0	3.3	3.3	4.0	4.3	4.6	4.9	4.9	4.9
Northern France	1.3	1.0	1.5	1.4	1.6	2.0	2.0	2.1	2.3	2.5	2.8
France - other areas	0.4	0.6	0.3	0.4	0.5	0.5	0.4	0.5	0.4	0.5	0.6
<i>France</i>	<i>4.0</i>	<i>3.7</i>	<i>4.8</i>	<i>5.1</i>	<i>5.4</i>	<i>6.5</i>	<i>6.7</i>	<i>7.2</i>	<i>7.6</i>	<i>7.9</i>	<i>8.3</i>
Italy - coastal areas	0.7	0.6	1.0	1.2	1.3	1.5	1.6	1.7	1.6	1.8	2.2
Italy - other areas	0.8	0.9	1.1	1.2	1.4	1.5	1.6	1.6	2.0	2.3	2.9
<i>Italy</i>	<i>1.5</i>	<i>1.5</i>	<i>2.1</i>	<i>2.4</i>	<i>2.7</i>	<i>3.0</i>	<i>3.2</i>	<i>3.3</i>	<i>3.6</i>	<i>4.1</i>	<i>5.1</i>
<i>Luxembourg</i>	<i>0.7</i>	<i>0.6</i>	<i>0.7</i>	<i>0.8</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>1.2</i>	<i>1.3</i>	<i>1.2</i>
<i>Netherlands</i>	<i>0.8</i>	<i>0.7</i>	<i>0.8</i>	<i>1.1</i>	<i>1.1</i>	<i>1.2</i>	<i>1.2</i>	<i>1.6</i>	<i>1.6</i>	<i>1.5</i>	<i>1.8</i>
Total	16.2	16.5	20.0	22.6	23.4	25.5	26.1	28.0	30.5	32.9	37.7

⁽¹⁾ Excepted coils (finished products).

FINISHED ROLLED PRODUCTS - TOTAL ⁽¹⁾
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TABLE XXIII c

Production Potential by Areas

'000,000, metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	1.4	1.6	1.7	2.1	2.1	2.4	2.5	2.8	3.0	3.8	4.8
North Rhine/Westphalia	11.9	13.2	15.2	16.2	16.6	17.4	17.8	18.4	19.2	20.3	23.5
Southern Germany	1.2	1.2	1.1	1.3	1.4	1.6	1.6	1.8	2.0	2.1	2.5
Saar	2.4	2.5	2.5	2.7	2.8	2.9	3.0	2.9	3.4	3.4	4.2
<i>Germany (F.R.)</i>	<i>16.9</i>	<i>18.5</i>	<i>20.5</i>	<i>22.3</i>	<i>22.9</i>	<i>24.3</i>	<i>24.9</i>	<i>25.9</i>	<i>27.6</i>	<i>29.6</i>	<i>35.0</i>
<i>Belgium</i>	<i>4.8</i>	<i>4.9</i>	<i>5.5</i>	<i>5.8</i>	<i>5.9</i>	<i>6.0</i>	<i>5.8</i>	<i>6.3</i>	<i>7.0</i>	<i>7.5</i>	<i>8.3</i>
Eastern France	6.6	5.9	7.6	8.2	8.1	9.0	9.8	10.0	10.5	10.4	10.7
Northern France	2.2	2.1	2.5	2.4	2.6	3.2	3.2	3.4	3.9	4.2	4.5
France - other areas	1.2	1.5	1.1	1.3	1.4	1.6	1.5	1.7	1.7	1.7	1.8
<i>France</i>	<i>10.0</i>	<i>9.5</i>	<i>11.2</i>	<i>11.9</i>	<i>12.1</i>	<i>13.8</i>	<i>14.5</i>	<i>15.1</i>	<i>16.1</i>	<i>16.3</i>	<i>17.0</i>
Italy - coastal areas	1.5	1.3	2.0	2.2	2.3	2.5	2.7	2.8	2.9	3.1	3.6
Italy - other areas	2.4	2.7	3.4	3.6	4.2	4.7	5.0	5.3	5.8	6.2	7.0
<i>Italy</i>	<i>3.9</i>	<i>4.0</i>	<i>5.4</i>	<i>5.8</i>	<i>6.5</i>	<i>7.2</i>	<i>7.7</i>	<i>8.1</i>	<i>8.7</i>	<i>9.3</i>	<i>10.6</i>
<i>Luxembourg</i>	<i>2.5</i>	<i>2.5</i>	<i>2.6</i>	<i>2.7</i>	<i>3.0</i>	<i>3.1</i>	<i>3.2</i>	<i>3.2</i>	<i>3.4</i>	<i>3.5</i>	<i>3.5</i>
<i>Netherlands</i>	<i>1.0</i>	<i>0.9</i>	<i>1.0</i>	<i>1.3</i>	<i>1.4</i>	<i>1.5</i>	<i>1.4</i>	<i>1.8</i>	<i>1.9</i>	<i>1.9</i>	<i>2.2</i>
Total	39.1	40.3	46.2	49.8	51.8	55.9	57.5	60.4	64.7	68.1	76.6

⁽¹⁾ Excepted coils (finished products).

HEAVY AND LIGHT SECTIONS (INCLUDING TUBE ROUNDS AND SQUARES)

TABLE XXIV a

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	1.0	1.1	1.2	1.2	1.3	1.4	1.4	1.5	1.4	1.5	2.1
North Rhine/Westphalia ...	5.1	5.6	6.0	6.1	6.3	6.9	7.1	7.2	7.4	7.8	8.9
Southern Germany	0.6	0.5	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Saar	1.3	1.4	1.4	1.5	1.6	1.6	1.7	1.7	1.9	1.9	2.5
<i>Germany (F.R.)</i>	<i>8.0</i>	<i>8.6</i>	<i>9.3</i>	<i>9.4</i>	<i>9.9</i>	<i>10.6</i>	<i>10.9</i>	<i>11.1</i>	<i>11.4</i>	<i>11.9</i>	<i>14.2</i>
<i>Belgium</i>	<i>2.4</i>	<i>2.4</i>	<i>2.7</i>	<i>2.7</i>	<i>2.8</i>	<i>2.8</i>	<i>2.7</i>	<i>3.0</i>	<i>3.1</i>	<i>3.1</i>	<i>3.2</i>
Eastern France	3.4	3.1	3.6	3.7	3.5	3.5	3.9	4.0	4.1	4.0	4.2
Northern France	0.9	1.1	1.0	1.0	1.0	1.2	1.2	1.3	1.3	1.4	1.5
France - other areas	0.6	0.7	0.6	0.7	0.7	0.9	0.9	0.9	1.0	0.9	0.9
<i>France</i>	<i>4.9</i>	<i>4.9</i>	<i>5.2</i>	<i>5.4</i>	<i>5.2</i>	<i>5.6</i>	<i>6.0</i>	<i>6.2</i>	<i>6.4</i>	<i>6.3</i>	<i>6.6</i>
Italy - coastal areas	0.7	0.7	0.9	0.9	0.9	0.9	1.0	1.0	1.2	1.2	1.2
Italy - other areas	1.2	1.4	1.8	1.9	2.3	2.6	2.8	3.1	3.1	3.3	3.4
<i>Italy</i>	<i>1.9</i>	<i>2.1</i>	<i>2.7</i>	<i>2.8</i>	<i>3.2</i>	<i>3.5</i>	<i>3.8</i>	<i>4.1</i>	<i>4.3</i>	<i>4.5</i>	<i>4.6</i>
<i>Luxembourg</i>	<i>1.5</i>	<i>1.7</i>	<i>1.7</i>	<i>1.7</i>	<i>1.8</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>1.9</i>	<i>2.0</i>
<i>Netherlands</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>
Total	18.8	19.8	21.7	22.1	23.0	24.5	25.4	26.4	27.2	27.9	30.8

WIRE-ROD

TABLE XXIV b

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	—	—	—	—	—	—	—	—	0.0	0.2	0.2
North Rhine/Westphalia	1.3	1.6	1.6	1.9	2.0	2.0	2.0	2.1	2.2	2.4	2.6
Southern Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Saar	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.5	0.4	0.5
<i>Germany (F.R.)</i>	<i>1.6</i>	<i>1.9</i>	<i>1.9</i>	<i>2.2</i>	<i>2.3</i>	<i>2.4</i>	<i>2.4</i>	<i>2.5</i>	<i>2.7</i>	<i>3.0</i>	<i>3.4</i>
<i>Belgium</i>	<i>0.5</i>	<i>0.5</i>	<i>0.5</i>	<i>0.6</i>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>0.9</i>	<i>1.0</i>	<i>1.2</i>
Eastern France	0.9	0.7	1.0	1.2	1.3	1.5	1.6	1.4	1.5	1.5	1.6
Northern France	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2
France - other areas	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3
<i>France</i>	<i>1.1</i>	<i>0.9</i>	<i>1.2</i>	<i>1.4</i>	<i>1.5</i>	<i>1.7</i>	<i>1.8</i>	<i>1.7</i>	<i>2.1</i>	<i>2.1</i>	<i>2.1</i>
Italy - coastal areas	0.1	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Italy - other areas	0.4	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.6	0.7
<i>Italy</i>	<i>0.5</i>	<i>0.4</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.7</i>	<i>0.8</i>	<i>0.7</i>	<i>0.9</i>
<i>Luxembourg</i>	<i>0.3</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>
<i>Netherlands</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>
Total	4.1	4.0	4.5	5.1	5.4	5.9	6.0	6.0	7.0	7.3	8.1

HOOP AND STRIP AND TUBE STRIP
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TABLE XXIV c

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	—	—	—	—	—	—	—	—	—	0.0	0.0
North Rhine/Westphalia ...	1.5	1.6	1.8	2.3	2.5	2.5	2.4	2.5	2.5	2.6	3.0
Southern Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Saar	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
<i>Germany (F.R.)</i>	<i>1.7</i>	<i>1.8</i>	<i>2.0</i>	<i>2.6</i>	<i>2.8</i>	<i>2.8</i>	<i>2.7</i>	<i>2.8</i>	<i>2.8</i>	<i>2.9</i>	<i>3.3</i>
<i>Belgium</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>
Eastern France	0.6	0.5	0.8	0.8	0.8	1.0	1.0	1.1	1.1	1.1	1.1
Northern France	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
France - other areas	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<i>France</i>	<i>0.6</i>	<i>0.6</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>1.0</i>	<i>1.0</i>	<i>1.1</i>	<i>1.2</i>	<i>1.1</i>	<i>1.1</i>
Italy - coastal areas	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.5
Italy - other areas	0.1	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.3	0.5
<i>Italy</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.4</i>	<i>0.5</i>	<i>0.6</i>	<i>0.5</i>	<i>0.5</i>	<i>0.6</i>	<i>1.0</i>
<i>Luxembourg</i>	<i>0.4</i>	<i>0.3</i>	<i>0.3</i>	<i>0.4</i>	<i>0.5</i>	<i>0.5</i>	<i>0.6</i>	<i>0.6</i>	<i>0.7</i>	<i>0.8</i>	<i>0.7</i>
<i>Netherlands</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>	<i>0.1</i>
Total	3.3	3.3	3.7	4.5	4.9	5.3	5.4	5.5	5.7	5.9	6.7

**PLATE \geq 3 mm
(INCLUDING
WIDE FLAT STEEL)**

TABLE XXIV d
Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	0.4	0.5	0.5	0.8	0.7	0.8	0.8	0.9	0.9	1.1	1.2
North Rhine/Westphalia	2.4	2.8	3.5	3.9	3.7	3.7	3.8	3.8	4.0	4.4	4.9
Southern Germany	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Saar	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.7	0.9
<i>Germany (F.R.)</i>	<i>3.2</i>	<i>3.7</i>	<i>4.5</i>	<i>5.2</i>	<i>4.9</i>	<i>5.0</i>	<i>5.1</i>	<i>5.2</i>	<i>5.5</i>	<i>6.2</i>	<i>7.1</i>
<i>Belgium</i>	<i>0.7</i>	<i>0.8</i>	<i>1.0</i>	<i>1.0</i>	<i>1.0</i>	<i>0.9</i>	<i>0.8</i>	<i>0.8</i>	<i>0.8</i>	<i>1.0</i>	<i>1.2</i>
Eastern France	0.6	0.7	0.8	0.9	0.9	1.0	1.1	1.3	1.3	1.1	1.1
Northern France	0.4	0.3	0.5	0.4	0.5	0.5	0.5	0.5	0.7	0.7	0.7
France - other areas	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2
<i>France</i>	<i>1.1</i>	<i>1.1</i>	<i>1.4</i>	<i>1.4</i>	<i>1.5</i>	<i>1.6</i>	<i>1.7</i>	<i>1.9</i>	<i>2.1</i>	<i>1.9</i>	<i>2.0</i>
Italy - coastal areas	0.3	0.3	0.4	0.5	0.5	0.5	0.6	0.6	0.6	0.7	0.8
Italy - other areas	0.3	0.4	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.6
<i>Italy</i>	<i>0.6</i>	<i>0.7</i>	<i>0.9</i>	<i>1.1</i>	<i>1.1</i>	<i>1.1</i>	<i>1.2</i>	<i>1.2</i>	<i>1.2</i>	<i>1.2</i>	<i>1.4</i>
<i>Luxembourg</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.1</i>	<i>0.1</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>
<i>Netherlands</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>	<i>0.5</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>	<i>0.4</i>
Total	6.0	6.7	8.3	9.3	9.1	9.3	9.4	9.6	10.2	10.9	12.3

HOT-ROLLED SHEET < 3 mm

TABLE XXIV e
Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	—	—	—	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
North Rhine/Westphalia ...	1.1	1.0	1.1	0.9	0.9	1.0	1.0	1.0	1.1	1.0	1.0
Southern Germany	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2
Saar	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.0
<i>Germany (F.R.)</i>	<i>1.6</i>	<i>1.5</i>	<i>1.5</i>	<i>1.4</i>	<i>1.4</i>	<i>1.5</i>	<i>1.5</i>	<i>1.3</i>	<i>1.4</i>	<i>1.3</i>	<i>1.2</i>
<i>Belgium</i>	<i>0.5</i>	<i>0.4</i>	<i>0.4</i>	<i>0.5</i>	<i>0.5</i>	<i>0.4</i>	<i>0.4</i>	<i>0.3</i>	<i>0.2</i>	<i>0.3</i>	<i>0.4</i>
Eastern France	0.5	0.3	0.4	0.5	0.4	0.5	0.6	0.4	0.4	0.4	0.4
Northern France	0.4	0.2	0.3	0.3	0.3	0.4	0.4	0.3	0.3	0.2	0.2
France - other areas	0.2	0.3	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1
<i>France</i>	<i>1.1</i>	<i>0.8</i>	<i>0.8</i>	<i>0.9</i>	<i>0.9</i>	<i>1.1</i>	<i>1.1</i>	<i>0.8</i>	<i>0.8</i>	<i>0.7</i>	<i>0.7</i>
Italy - coastal areas	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Italy - other areas	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
<i>Italy</i>	<i>0.3</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>
<i>Luxembourg</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>
<i>Netherlands</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>	<i>0.0</i>
Total	3.5	2.9	2.9	3.0	3.0	3.2	3.2	2.6	2.6	2.5	2.5

COLD-REDUCED SHEET < 3 mm.
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TABLE XXIV f

Production Potential by Areas

'000,000 metric tons

Area	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	—	—	0.0	0.1	0.1	0.2	0.3	0.4	0.7	1.0	1.3
North Rhine/Westphalia	0.5	0.6	1.2	1.1	1.2	1.3	1.5	1.8	2.0	2.1	3.1
Southern Germany	0.2	0.3	0.1	0.3	0.3	0.5	0.5	0.8	1.1	1.2	1.4
Saar	0.1	0.1	—	—	—	—	—	—	—	—	—
<i>Germany (F.R.)</i>	<i>0.8</i>	<i>1.0</i>	<i>1.3</i>	<i>1.5</i>	<i>1.6</i>	<i>2.0</i>	<i>2.3</i>	<i>3.0</i>	<i>3.8</i>	<i>4.3</i>	<i>5.8</i>
<i>Belgium</i>	<i>0.4</i>	<i>0.5</i>	<i>0.6</i>	<i>0.7</i>	<i>0.7</i>	<i>0.8</i>	<i>0.8</i>	<i>1.1</i>	<i>1.6</i>	<i>1.7</i>	<i>1.8</i>
Eastern France	0.6	0.6	1.0	1.1	1.2	1.5	1.6	1.8	2.1	2.3	2.3
Northern France	0.5	0.5	0.7	0.7	0.8	1.1	1.1	1.3	1.2	1.6	1.9
France - other areas	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.3
<i>France</i>	<i>1.2</i>	<i>1.2</i>	<i>1.8</i>	<i>2.0</i>	<i>2.2</i>	<i>2.8</i>	<i>2.9</i>	<i>3.4</i>	<i>3.5</i>	<i>4.2</i>	<i>4.5</i>
Italy - coastal areas	0.2	0.2	0.5	0.5	0.6	0.7	0.7	0.8	0.7	0.7	0.8
Italy - other areas	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	1.0	1.4	1.7
<i>Italy</i>	<i>0.4</i>	<i>0.4</i>	<i>0.8</i>	<i>0.8</i>	<i>1.0</i>	<i>1.2</i>	<i>1.2</i>	<i>1.4</i>	<i>1.7</i>	<i>2.1</i>	<i>2.5</i>
<i>Luxembourg</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.2</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>	<i>0.3</i>
<i>Netherlands</i>	<i>0.4</i>	<i>0.3</i>	<i>0.4</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>0.6</i>	<i>1.1</i>	<i>1.1</i>	<i>1.0</i>	<i>1.3</i>
Total	3.4	3.6	5.1	5.8	6.4	7.7	8.1	10.3	12.0	13.6	16.2

HOT WIDE-STRIP MILLS

(already included in the
capital expenditure for the flat-
product mills: Table XVIII d)

TABLE XXV a

Capital Expenditure by Areas

'000,000 dollars (F.M.A. units of account)

Area	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964
Northern Germany	14.5	12.6	9.4	5.9	—	3.6	21.3	8.5	23.8	20.6
North Rhine/Westphalia	12.7	9.4	15.4	3.1	3.9	7.7	13.1	13.9	33.7	47.9
Southern Germany	—	—	—	—	—	—	—	—	—	—	—
Saar	—	—	—	—	—	—	—	—	—	—	—
<i>Germany (F.R.)</i>	27.2	22.0	24.8	9.0	3.9	11.3	34.4	22.4	57.5	68.5
<i>Belgium</i>	0.9	1.6	2.1	1.1	1.9	6.1	7.4	8.9	23.3	8.8
Eastern France	1.8	0.9	1.3	2.8	2.4	2.3	2.0	1.5	0.9	0.6
Northern France	1.1	1.6	0.4	0.0	—	4.6	20.0	27.7	22.7	11.6
France - other areas	0.8	1.0	0.2	—	—	—	—	0.5	1.2	0.1
<i>France</i>	3.7	3.5	1.9	2.8	2.4	6.9	22.0	29.7	24.8	12.3
Italy - coastal areas	0.4	0.5	1.7	0.8	6.5	1.0	1.0	0.3	37.2	34.9
Italy - other areas	2.4	0.8	0.6	0.4	0.6	0.9	1.4	3.5	15.7	22.1
<i>Italy</i>	2.8	1.3	2.3	1.2	7.1	1.9	2.4	3.8	52.9	57.0
<i>Luxembourg</i>	0.2	0.1	0.2	0.3	0.1	0.6	0.0	0.0	0.0	—
<i>Netherlands</i>	1.0	1.8	0.6	1.8	0.6	0.7	0.8	0.7	0.3	0.4
Total	31.6	35.8	30.3	31.9	16.2	16.0	27.5	67.0	65.5	158.8	147.0

COILS (1) (2)

Production Potential by Areas
1955-1965

TABLE XXV. b

Production Potential by Areas

'000,000 metric tons

Area	1955 (2)	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965
Northern Germany	—	—	—	0.3	0.3	0.4	0.5	0.6	0.9	1.6	2.1
North Rhine/Westphalia	0.8	0.9	1.4	1.7	2.2	2.4	2.9	3.3	3.5	4.1	5.8
Southern Germany	—	—	—	—	—	—	—	—	—	—	—
Saar	—	—	—	—	—	—	—	—	—	—	—
<i>Germany (F.R.)</i>	0.8	0.9	1.4	2.0	2.5	2.8	3.4	3.9	4.4	5.7	7.9
<i>Belgium</i>	0.7	0.8	0.9	1.0	1.1	1.3	1.4	1.4	1.7	2.3	2.5
Eastern France	1.1	1.2	1.3	1.5	1.7	2.1	2.1	2.3	2.4	2.5	2.5
Northern France	0.7	0.8	0.9	1.1	1.1	1.5	1.5	1.7	1.7	2.4	2.5
France - other areas	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.0
<i>France</i>	1.9	2.1	2.3	2.7	2.9	3.7	3.7	4.1	4.1	5.0	5.0
Italy - coastal areas	0.5	0.6	0.8	0.9	0.9	1.3	1.4	1.5	1.5	1.8	3.0
Italy - other areas	0.0	0.1	0.2	0.2	0.3	0.3	0.3	0.1	0.3	0.3	0.6
<i>Italy</i>	0.5	0.7	1.0	1.1	1.2	1.6	1.7	1.6	1.8	2.1	3.6
<i>Luxembourg</i>	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.4	0.4	0.4
<i>Netherlands</i>	0.5	0.5	0.6	0.8	0.9	1.0	1.0	1.3	1.4	1.5	1.6
Total	4.8	5.4	6.6	8.0	9.0	10.9	11.7	12.7	13.8	17.0	21.0

(1) The products of the Treaty obtained by transformation of coils are included in the tables XXIII b and c, XXIV c, -d, -e and f.

(2) Estimated.