

EUROPEAN COAL AND STEEL COMMUNITY  
THE HIGH AUTHORITY

ANNEXES

to the

**Fifth**

GENERAL REPORT

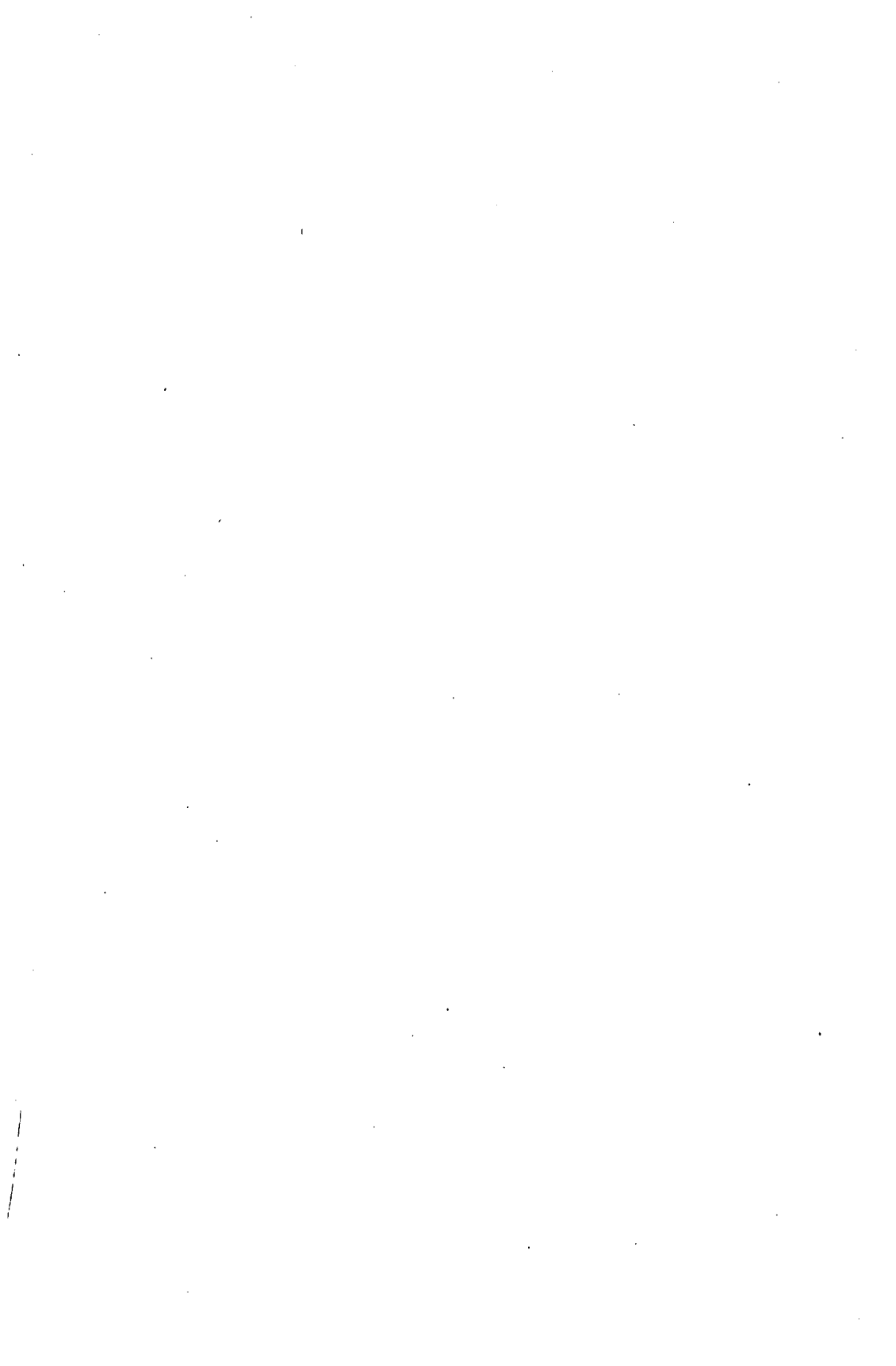
on the

**Activities of the Community**

*(APRIL 9, 1956 to APRIL 13, 1957)*

○

APRIL 13, 1957



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## ANNEX ON FINANCE



## I. YIELD OF THE GENERAL LEVY AND ITS EMPLOYMENT

1. The different rates of the High Authority's general levy on the value of coal and steel production from January 1, 1953, onward were given in the Annex on Finance to its Fourth General Report. There has been no change in the rate since January 1, 1956.

The yield of the levy since its introduction, broken down by countries, is shown in the following table. ('000 \$ units of account)

	First financial year	Second financial year	Third financial year	Fourth financial year	Fifth finan- cial <sup>1)</sup> year	Total	%
Germany (Fed. Rep.)	4 896	22 282	26 867	20 256	7 657	<b>81 958</b>	47.2
Saar	697	3 133	3 532	2 535	959	<b>10 856</b>	6.3
Belgium	1 243	5 467	6 157	4 541	1 673	<b>19 081</b>	11.0
France	2 581	11 243	13 024	9 414	3 500	<b>39 762</b>	22.9
Italy	452	2 580	3 346	2 798	1 129	<b>10 305</b>	5.9
Luxembourg	347	1 466	1 792	1 334	516	<b>5 455</b>	3.1
Netherlands	405	1 928	2 041	1 415	535	<b>6 324</b>	3.6
<b>Total:</b>	<b>10 621</b>	<b>48 099</b>	<b>56 759</b>	<b>42 293</b>	<b>15 969</b>	<b>173 741</b>	<b>100</b>

<sup>1)</sup> July 1 to December 31, 1956, i.e. six months only.

To these figures must be added the total of various incidental revenues (interest on bank deposits, fines and miscellaneous items), amounting in the aggregate to the equivalent of 8.1 million \$ units of accounts to December 31, 1956.

2. Actual expenditure by the Community from August 10, 1952, to December 31, 1956, amounted to 37.3 million \$ units of account, allocated as follows: ('000 \$ units of account)

	First financial year	Second financial year	Third financial year	Fourth financial year	Fifth financial <sup>1)</sup> year	Total
Administrative expenses of the High Authority	3 302	4 952	5 250	6 359	3 355	23 218
Expenditure by the other Institutions	1 268	2 210	2 327	2 563	1 172	9 540
Contributions for readaptation	—	—	—	2 342	22	2 364
Contributions for technical research	—	—	644	479	293	1 416
Bank and loan service charges	—	2	130	65	574	771
<b>Total:</b>	<b>4 570</b>	<b>7 164</b>	<b>8 351</b>	<b>11 808</b>	<b>5 416</b>	<b>37 309</b>

<sup>1)</sup> July 1 to December 31, 1956, i.e. six months only.

3. The balances remaining after deduction of expenditure were allocated as follows at the end of each financial year: ('000 \$ units of account)

	First financial year	Second financial year	Third financial year	Fourth financial year	Fifth financial <sup>2)</sup> year
<i>Guarantee Fund</i>	—	35 954	75 000	100 000	100 000
<i>Special Reserve<sup>1)</sup></i>	—	615	2 240	5 688	8 646
<i>Provisions:</i>					
for expenditure on readaptation	—	7 190	16 000	16 658	21 760
for expenditure on research	—	1 064	3 356	3 877	7 000
for loan service charges	—	—	—	1	30
unallocated balance	—	2 783	1 077	5 522	7 125
<b>Total:</b>	<b>6 065</b>	<b>47 606</b>	<b>97 673</b>	<b>131 746</b>	<b>144 561</b>

<sup>1)</sup> To this reserve are transferred the funds which the H.A. has decided to use for loans in connection with administration expenditure (e.g. the construction of buildings), research work, the building of workers' houses, and the like.

<sup>2)</sup> as at December 31, 1956



4. The credits made available by the High Authority for the purposes of the readaptation measures provided for in Section 23 of the Convention were allocated as follows:

FRANCE		
<i>Collieries:</i>		
— Charbonnages de France	500 000 000	Ffr.
— Mines de Ferrières	80 000 000	Ffr.
<i>Iron and Steel industry:</i>		
— Cie Ateliers et Forges de la Loire	150 000 000	Ffr.
— Etabl. Bessonneau	17 500 000	Ffr.
— Forges d'Audincourt	1 000 000	Ffr.
— Etabl. J. J. Carnaud	70 000 000	Ffr.
— Forges d'Hennebont	20 000 000	Ffr.
— Sté d'Imphy (Pamiers)	4 300 000	Ffr.
<i>Iron-Ore Mines:</i>		
— Mines de la Têt	19 000 000	Ffr.
ITALY		
— Iron and steel works	3 500 000 000	Lit.
— Collieries at Sulcis	692 000 000	Lit.
BELGIUM		
— Borinage collieries	70 000 000	Bfr.
<b>Total:</b>	<b>10 570 000</b>	<b>\$ units of account</b>

## II. INVESTMENT OF FUNDS

5. The High Authority has not changed the policy followed last year in the investment and management of its funds. This policy aims at combining a reasonable return with sufficient liquidity.

The total income from interest on bank deposits has grown as follows (*in '000,000 \$ units of account*):

First financial year	—
Second financial year	0·6
Third financial year	1·6
Fourth financial year	3·4
Fifth financial year <sup>1)</sup>	2·2

<sup>1)</sup> July 1 to December 31, 1956, i. e. six months only.

There are three reasons for the rapid growth of this revenue, viz.

- a) the increase in the funds invested including, in particular, the Guarantee Fund, which had reached 100m. \$ units of account by April, 1956;
- b) the rise in interest rates in all member States;
- c) the lengthening of the periods of deposit with the banks, made possible by a more exact, though still cautious, calculation of the degree of liquidity by the High Authority<sup>1</sup>).

6. During the past year the High Authority continued its policy of arranging agreements with the banks whereby the latter offer medium-term credits at reduced rates of interest to the industries of the Community. The total amount of the medium-term credits thus opened on the banks' own responsibility has now reached 43,800,000 \$ units of account.

The breakdown by countries and the terms for these five-year credits made available to industry thanks to this investment policy are as follows:

	Amount in national currency	Equivalent in '000,000 dollar units of account	Interest payable by end-borrower
Germany (Fed. Rep.)	DM. 100 million	24	4 7/8 %
Belgium	Bfr. 300 »	6	4 1/2 %
France	Ffr. 2 500 »	7	4 1/2 %
Italy	Lit. 3 000 »	4.8	5 1/4 %
Luxembourg	Bfr. 100 »	2	4 1/2 %

<sup>1</sup>) See the *Fourth General Report of the High Authority*, No. 195 (April 1956).

### III. BORROWINGS OF THE HIGH AUTHORITY

7. The High Authority has contracted seven long-term loans for a total equivalent to (approximately \$ 129 million, as follows <sup>1)</sup>:

Country	Lender	Date	Title of issue	Amount of Loan	Equivalent in Dollar units of account
United States	U. S. Government	1954	3 <sup>7</sup> / <sub>8</sub> % Secured Notes, 1st Series	\$ 100 000 000	100 000 000
Belgium	Caisse Générale d'Épargne et de Retraite	1955	3 <sup>1</sup> / <sub>4</sub> % Secured Notes, 2nd Series	Bfr. 200 000 000	4 000 000
Germany (Fed. Rep.)	Rheinische Girozentrale und Provinzialbank	1955	3 <sup>3</sup> / <sub>4</sub> % Secured Notes, 3rd Series	DM. 25 000 000	5 952 381
Germany (Fed. Rep.)	Landesbank für Westfalen (Girozentrale)	1955	3 <sup>3</sup> / <sub>4</sub> % Secured Notes, 3rd Series	DM. 25 000 000	5 952 381
Luxembourg	Caisse d'Épargne de l'État	1955	3 <sup>1</sup> / <sub>8</sub> % Secured Notes, 4th Series	Lfr. 5 000 000 Bfr. 20 000 000	500 000
Saar	Landesbank und Girozentrale Saar	1956	4 <sup>1</sup> / <sub>4</sub> % Secured Notes, 5th Series	Ffr. 350 000 000	1 000 000
Switzerland	Public issue	1956	4 <sup>1</sup> / <sub>4</sub> % Secured Notes, 6th Series	Sw. francs 50 000 000	11 655 012
				<b>Total</b>	<b>129 059 774</b>

<sup>1)</sup> Of this amount \$ 127.6 m. had been disbursed and the remaining \$ 1.4 million had not yet been drawn down as of December 31, 1956.

#### IV. LOANS GRANTED TO ENTERPRISES FROM THE HIGH AUTHORITY'S BORROWINGS

8. Since its inception the High Authority has granted 93 loans to 73 enterprises in an aggregate principal amount equivalent to \$ 136.92 million. Of the total loans granted \$ 129.06 million were from funds borrowed by the High Authority and \$ 7.86 million from funds not borrowed.

The loans which have been granted are divided among enterprises in the various member countries as follows:  
(*'000,000 dollars*)

Location of Borrowers	Amount of loan from borrowed funds	Amount of loan from funds not borrowed	Total <sup>1)</sup>
Germany (Fed. Rep.)	63.70	7.14	70.84
Saar	12.57	—	12.57
Belgium	18.00	—	18.00
France	21.60	—	21.60
Italy	11.69	—	11.69
Luxembourg	1.50	0.72	2.22
Netherlands	—	—	—
<b>Total:</b>	<b>129.06</b>	<b>7.86</b>	<b>136.92</b>

<sup>1)</sup> These amounts include dollar 8.8 million which, at December 31, 1956, the High Authority had determined to lend but the borrowing enterprises had not yet drawn down.

9. The enterprise obligations representing loans from the High Authority's borrowings are secured by the following types of security: (*'000,000 dollars*)

a) Guarantees by member countries and negative pledge clauses	24.70
b) Guarantees by member countries	5.00
c) Guarantees by State Banks and mortgages	51.80
d) First mortgages	12.80
e) Second mortgages	3.03
f) Guarantees by industrial concerns and negative pledge clauses	30.73
g) Negative pledge clauses	1.00
<b>Total:</b>	<b><u>129.06</u></b>

10. The loans which have been granted from borrowed funds are divided according to the capital investments financed, as follows: ('000,000 dollars) <sup>1)</sup>

a) Modernization of coalmining installations, including coking plants	\$ 35.14
b) Pit-head power-stations for the consumption of low-grade coal	46.31
c) Expansion of facilities for the production and dressing of iron ore	18.55
d) Modernization of facilities for the production of pig-iron	11.66
e) Housing for miners	17.40
<b>Total:</b>	<b><u>129.06</u></b>

The total estimated cost of the approved projects, to which the High Authority thus contributed credits totalling \$ 129 million, was in excess of \$ 493 million.

There have been no defaults by the enterprises in the service of their obligations to the High Authority.

<sup>1)</sup> These amounts include \$ 1.4 million which at December 31, 1956, the High Authority had determined to lend but the borrowing enterprises had not yet drawn down.

## V. COMPENSATION LEVY ACCOUNT

11. Receipts, expenditures and undisbursed balances of the compensation levy imposed under Section 25, 26 and 27 of the Convention are shown below (*in '000 \$ units of account*):

	First financial year	Second financial year	Third financial year	Fourth financial year	Fifth financial year <sup>1)</sup>	Total
<b>I. RECEIPTS</b>						
Yield of levy	2 931 248	13 875 1 204	14 477 1 209	10 976 1 122	4 249 432	46 508 4 215
from Germany						
from the Netherlands						
<i>Total</i>	<i>3 179</i>	<i>15 079</i>	<i>15 686</i>	<i>12 098</i>	<i>4 681</i>	<i>50 723</i>
Interest on bank deposits	—	—	4	25	16	45
Gain on exchange rates	2	47	—	—	2	51
<b>Total:</b>	<b>3 181</b>	<b>15 126</b>	<b>15 690</b>	<b>12 123</b>	<b>4 699</b>	<b>50 819</b>
<b>II. EXPENDITURES</b>						
Compensation payments to Belgium	488	11 889	14 183	11 831	3 057	41 448
Compensation payments to Italy	—	2 400	2 640	960	520	6 520
	<i>488</i>	<i>14 289</i>	<i>16 823</i>	<i>12 791</i>	<i>3 577</i>	<i>47 968</i>
	—	—	8	9	—	17
<b>Total:</b>	<b>488</b>	<b>14 289</b>	<b>16 831</b>	<b>12 800</b>	<b>3 577</b>	<b>47 985</b>
<b>III. UNDISBURSED BALANCES</b>						
Balance at end of financial year	+2 693	+ 837	-1 141	- 677	+1 122	
Brought forward from previous years	—	+2 693	+3 530	+2 389	+1 712	
<b>Total undisbursed balances:</b>	<b>+2 693</b>	<b>+3 530</b>	<b>+2 389</b>	<b>+1 712</b>	<b>+2 834</b>	

<sup>1)</sup> July 1 to December 31, 1956, i.e. six months only.

## STATISTICAL ANNEX

### Note

Since January 1, 1957, the Saar has been politically a part of the German Federal Republic.

By reason of the special economic status temporarily attaching to it, statistics for the Saar are given separately wherever possible. In some tables, particularly those showing Community and foreign trade, it has not been possible to separate the figures for the Saar from those for France.

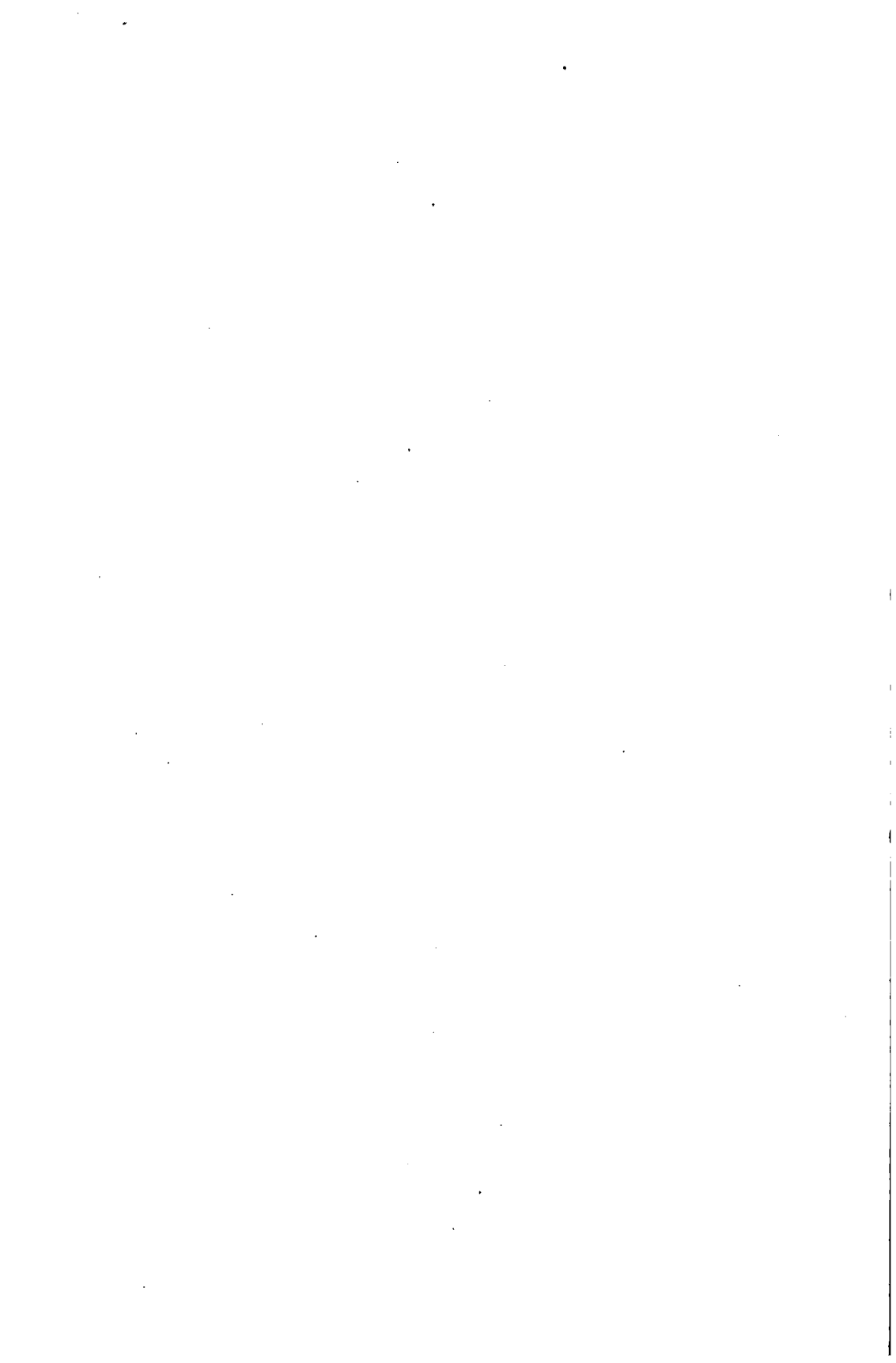




TABLE No. 1

## New orders, deliveries by the works and orders in hand

('000 metric tons)

	New Orders	Deliveries by works	Orders in hand (at end of period)
1954	37 419	32 022	11 716
1955	39 729	37 980	13 688
4th quarter <sup>1)</sup>	3 461	3 365	13 688
1956	42 009	41 128	
1st quarter <sup>1)</sup>	3 478	3 330	14 222
2nd quarter <sup>1)</sup>	3 479	3 425	14 494
3rd quarter <sup>1)</sup>	3 392	3 370	14 694
4th quarter <sup>1)</sup>	3 636	3 585	15 244
1957			
1st quarter <sup>1)</sup>	3 636		
January	3 709	3 720	1 508
February	3 454		
March	3 745		

<sup>1)</sup> Monthly averages.

TABLE No. 2

## Trend in new orders according to origin

('000 metric tons)

	Home markets	Other Community Countries	Third Countries
1954	24 738	4 827	7 854
1955	27 307	5 101	7 321
4th quarter <sup>1)</sup>	2 338	426	688
1956	27 483	4 658	9 868
1st quarter <sup>1)</sup>	2 270	393	815
2nd quarter <sup>1)</sup>	2 307	393	778
3rd quarter <sup>1)</sup>	2 204	344	844
4th quarter <sup>1)</sup>	2 380	422	852
1957			
1st quarter <sup>1)</sup>	2 496	418	712
January	2 557	439	730
February	2 331	389	689
March	2 601	426	718

<sup>1)</sup> Monthly averages.

TABLE No. 3

## Trend in new orders by countries

(Index figures; monthly average for 1954 = 100)

	1955	1956	1st qtr. 1956	2nd qtr. 1956	3rd qtr. 1956	4th qtr. 1956
Germany (Fed. Rep.)	100	105	104	102	104	109
Belgium	112	119	131	121	105	121
France and Saar	107	109	110	110	103	114
Italy	127	156	132	154	165	173
Luxembourg	104	108	106	106	106	111
Netherlands	101	106	106	115	101	101
<b>Community</b>	<b>106</b>	<b>112</b>	<b>111</b>	<b>111</b>	<b>109</b>	<b>117</b>

TABLE No. 4

## Pig-iron and ferro-alloys production

('000 metric tons)

	Ger- many (Fed. Rep.)	Saar	Belgium	France	Italy	Luxem- bourg	Nether- lands	Com- munity
1952	12 877	2 550	4 775	9 772	1 143	3 076	539	34 732
1953	11 654	2 382	4 218	8 664	1 254	2 719	591	31 482
1954	12 512	2 499	4 561	8 830	1 298	2 801	610	33 111
1955	16 482	2 879	5 320	10 941	1 677	3 048	668	41 015
1956	17 577	3 018	5 658	11 423	1 935	3 272	664	43 547
1st quarter <sup>1)</sup>	1 427	245	466	931	131	263	52	3 515
2nd quarter <sup>1)</sup>	1 434	246	472	968	174	277	55	3 626
3rd quarter <sup>1)</sup>	1 493	253	462	914	184	272	58	3 636
4th quarter <sup>1)</sup>	1 505	263	486	994	156	278	55	3 737
1957,								
1st quarter <sup>1)</sup>	1 488	259	488	976	156	280	53	3 700
January	1 525	258	498	1 007	155	286	64	3 793
February	1 398	246	458	916	147	268	50	3 483
March	1 541	273	508	1 005	165	287	44	3 823

<sup>1)</sup> Monthly averages

TABLE No. 5  
Crude-steel production  
(by countries)

('000 metric tons)

	Germany (Fed. Rep.)	Saar	Belgium	France	Italy	Luxem- bourg	Nether- lands	Commu- nity
1952	15 806	2 823	5 098	10 867	3 535	3 002	685	41 816
1953	15 420	2 682	4 453	9 997	3 500	2 658	866	39 576
1954	17 435	2 804	4 934	10 626	4 207	2 828	929	43 765
1955	21 336	3 166	5 894	12 631	5 395	3 226	979	52 627
1956	23 189	3 375	6 376	13 442	5 908	3 456	1 051	56 796
1st quarter <sup>1)</sup>	1 907	275	530	1 097	454	279	86	4 628
2nd quarter <sup>1)</sup>	1 858	271	534	1 145	496	291	85	4 680
3rd quarter <sup>1)</sup>	1 978	289	510	1 050	494	285	87	4 693
4th quarter <sup>1)</sup>	1 986	291	552	1 189	525	297	92	4 930
1957								
1st quarter <sup>1)</sup>	2 009	292	555	1 168	543	292	100	4 959
January	2 055	296	575	1 203	557	301	107	5 094
February	1 919	279	519	1 093	510	279	90	4 689
March	2 053	300	572	1 209	562	296	102	5 094

<sup>1)</sup> Monthly averages

TABLE No. 6  
Crude-steel production  
(by areas)

('000 metric tons)

	1952	1953	1954	1955	1956
North Rhine Westphalia	13 429	13 001	14 667	17 630	19 076
Lorraine	7 124	6 659	7 128	8 343	8 827
Northern France	2 338	2 108	2 273	2 798	2 965
Lower Saxony and Schleswig-Holstein	1 281	1 402	1 605	2 339	2 691
Bavaria	539	495	543	646	677
Central France	712	537	534	638	708
Rhineland-Palatinate	452	427	507	576	582
Western France	470	500	477	541	601
South-eastern France	147	134	145	179	196
Hesse	75	69	84	114	127
South-western France	76	59	70	93	101
Baden-Wurttemberg	30	26	29	31	35

TABLE No. 7

Comparative development of maximum possible production and actual production of pig-iron in 1955 and 1956.<sup>1)</sup>

('000 metric tons)

	Maximum possible production for the year	Actual production	Utilization of capacity in per cent of maximum possible production
Germany (Fed. Rep.)			%
1955	17 000	16 482	97.0
1956	18 000	17 577	97.7
Saar			
1955	3 000	2 879	96.0
1956	3 000	3 018	100.6
Belgium			
1955	5 650	5 320	94.2
1956	5 900	5 658	95.9
France			
1955	11 500	10 941	95.1
1956	12 100	11 423	94.4
Italy			
1955	1 770	1 677	94.7
1956	2 030	1 935	95.3
Luxembourg			
1955	3 110	3 048	98.0
1956	3 300	3 272	99.2
Netherlands			
1955	670	668	99.7
1956	700	664	94.9
<b>Community:</b>			
<b>1955</b>	<b>42 700</b>	<b>41 015</b>	<b>96.1</b>
<b>1956</b>	<b>45 030</b>	<b>43 547</b>	<b>96.7</b>

<sup>1)</sup> Including spiegel iron and high-carbon ferro-manganese.

TABLE No. 8

**Comparative development of maximum possible production and actual production of crude steel in 1955 and 1956<sup>1)</sup>**  
(by countries)

('000 metric tons)

	Maximum possible production for the year	Actual production	Utilization of capacity in per cent of maximum possible production
			%
Germany (Fed. Rep.)			
1955	22 000	21 336	97.0
1956	23 500	23 189	98.7
Saar			
1955	3 300	3 166	95.9
1956	3 375	3 375	100.0
Belgium			
1955	6 250	5 894	94.3
1956	6 680	6 376	95.5
France			
1955	13 450	12 631	93.9
1956	13 925	13 442	96.5
Italy			
1955	5 720	5 395	94.3
1956	6 200	5 909	95.3
Luxembourg			
1955	3 270	3 226	98.7
1956	3 430	3 455	100.7
Netherlands			
1955	1 010	979	96.9
1956	1 090	1 051	96.4
<b>Community:</b>			
<b>1955</b>	<b>55 000</b>	<b>52 627</b>	<b>95.7</b>
<b>1956</b>	<b>58 220</b>	<b>56 796</b>	<b>97.6</b>

<sup>1)</sup> Ingots and liquid steel for casting; the production of independent steel foundries has been included.

TABLE No. 9

## Development of world crude-steel production since 1929

## 1. Production in '000 metric tons:

	Com- munity	United States	United Kingdom	U.S.S.R.	Eastern Europe	Japan	Others	World
1929	35 566	57 340	9 790	5 003	5 782	2 294	5 124	120 899
1937	34 218	51 381	13 192	17 824	6 676	5 801	6 727	135 819
1949	28 704	70 742	15 802	23 300	6 963	3 111	11 221	159 843
1951	37 747	95 437	15 889	31 400	9 732	6 502	14 274	210 981
1952	41 878	84 521	16 681	34 500	10 976	6 988	15 913	211 457
1953	39 622	101 251	17 891	37 800	12 424	7 622	17 702	234 312
1954	43 765	80 115	18 817	41 400	12 720	7 750	19 296	223 863
1955	52 627	106 143	20 107	45 300	13 861	9 405	22 453	269 896
1956	56 796	104 330	20 987	48 600	15 170	10 600	26 188	282 671

## 2. Production in per cent of world production:

	Com- munity	United States	United Kingdom	U.S.S.R.	Eastern Europe	Japan	Others	World
1929	29.4	47.4	8.1	4.2	4.8	1.9	4.2	100
1937	25.2	37.8	9.7	13.1	4.9	4.3	5.0	100
1949	18.0	44.2	9.9	14.6	4.4	1.9	7.0	100
1951	17.9	45.2	7.5	14.9	4.6	3.1	6.8	100
1952	19.8	40.0	7.9	16.3	5.2	3.3	7.5	100
1953	16.9	43.2	7.6	16.1	5.3	3.3	7.6	100
1954	19.5	35.8	8.4	18.5	5.7	3.5	8.6	100
1957	19.5	39.3	7.5	16.8	5.1	3.5	8.3	100
1956	20.1	36.9	7.4	17.2	5.4	3.7	9.3	100

## 3. Production indices (1929 = 100):

	Com- munity	United States	United Kingdom	U.S.S.R.	Eastern Europe	Japan	Others	World
1929	100	100	100	100	100	100	100	100
1937	96	89	135	356	115	253	131	112
1949	81	123	161	466	120	135	219	132
1951	106	166	162	628	168	279	279	175
1952	118	147	170	689	190	304	311	175
1953	111	176	183	755	215	332	346	194
1954	123	140	192	828	220	338	377	185
1955	148	185	205	905	240	410	438	223
1956	160	182	214	971	262	562	511	234

TABLE No. 10

## Development of steel production in the Community since 1929

## 1. Production in millions of metric tons:

	Germany (Fed.Rep.)	Saar	Belgium	France	Italy	Luxem- bourg	Nether- lands
1929	14 710	2 209	4 109	9 711	2 122	2 705	..
1937	15 499	2 339	3 863	7 920	2 087	2 510	..
1949	9 156	1 757	3 849	9 152	2 090	2 272	428
1951	13 506	2 603	5 054	9 835	3 119	3 077	553
1952	15 806	2 823	5 098	10 867	3 597	3 002	685
1953	15 420	2 682	4 453	9 997	3 546	2 658	866
1954	17 435	2 805	4 934	10 627	4 207	2 828	929
1955	21 336	3 166	5 894	12 631	5 395	3 226	979
1956	23 189	3 375	6 376	13 442	5 908	3 456	1 051

## 2. Production in per cent of world production:

	Germany (Fed.Rep.)	Saar	Belgium	France	Italy	Luxem- bourg	Nether- lands
1929	12.2	1.8	3.4	8.0	1.8	2.2	..
1937	11.4	1.7	2.8	5.8	1.5	1.8	..
1949	5.7	1.1	2.4	5.7	1.3	1.4	0.3
1951	6.4	1.2	2.4	4.7	1.5	1.5	0.2
1952	7.5	1.3	2.4	5.1	1.7	1.4	0.3
1953	6.6	1.1	1.9	4.2	1.5	1.1	0.4
1954	7.8	1.3	2.2	4.8	1.9	1.3	0.4
1955	7.9	1.2	2.2	4.7	2.0	1.2	0.4
1956	8.2	1.2	2.3	4.8	2.1	1.2	0.4

## 3. Production indices (1929 = 100):

	Germany (Fed.Rep.)	Saar	Belgium	France	Italy	Luxem- bourg	Nether- lands
1929	100	100	100	100	100	100	—
1937	105	106	94	82	98	93	—
1949	62	80	94	94	98	84	100
1951	92	118	123	101	147	114	129
1952	107	128	124	112	167	111	160
1953	105	121	108	103	165	98	202
1954	119	127	120	109	198	105	217
1955	145	143	143	130	254	119	229
1956	158	153	155	138	278	128	245

TABLE No. 11

## Production of high-grade and special steels

('000 metric tons)

Period	Germany (Fed. Rep.)	Benelux	France plus Saar	Italy	Community
1955	1 755	168	1 296	838	4 057
1956	2 048	202	1 400	882	4 532
1st quarter <sup>1)</sup>	168·0	17·8	117·5	70·4	373·7
2nd quarter <sup>1)</sup>	167·7	15·8	123·0	74·8	381·4
3rd quarter <sup>1)</sup>	174·7	18·5	102·6	70·3	366·1
4th quarter <sup>1)</sup>	172·0	17·9	123·6	78·6	392·1

<sup>1)</sup> Monthly average

TABLE No. 12

## Grude-steel production by manufacturing processes

('000 metric tons)

	Basic Bessemer	Acid Bessemer	Open- hearth	Electric- furnace	Others	Total
1953	20 886	199	15 387	3 059	48	39 579
1954	22 633	190	17 387	3 550	5	43 765
1955	27 520	246	20 477	4 370	12	52 625
1956	29 388	253	22 106	5 088	17	56 792
1st quarter <sup>1)</sup>	2 410	21	1 810	385	1	4 627
2nd quarter <sup>1)</sup>	2 444	22	1 795	420	1	4 682
3rd quarter <sup>1)</sup>	2 408	20	1 851	412	2	4 693
4th quarter <sup>1)</sup>	2 534	22	1 913	459	2	4 930

<sup>1)</sup> Monthly average



TABLE No. 13

**Comparative development of maximum possible production  
and of actual production of crude steel in 1955 and 1956<sup>1)</sup>**  
(by manufacturing processes)

('000 tons)

	Maximum possible production for the year	Actual Production	Utilization of capacity in per cent of maximum possible production
<i>Basic Bessemer</i>			
1955	28 890	27 520	95.3
1956	30 276	29 388	97.1
<i>Open-hearth</i>			
1955	21 246	20 477	96.4
1956	22 305	22 106	99.1
<i>Electric</i>			
1955	4 585	4 370	95.3
1956	5 360	5 028	93.8
<i>Acid Bessemer</i>			
1955	267	246	92.1
1956	267	253	94.8
<i>Others</i>			
1955	12	12	100.0
1956	12	17	141.7
<b>Total :</b>			
1955	55 000	52 625	95.7
1956	58 220	56 792	97.6

<sup>1)</sup> Ingots and liquid steel for casting; the production of independent steel foundries has been included

TABLE No. 14

**Production of finished rolled products**

('000 metric tons)

	Ger- many (Rep. Fed.)	Saar	Bel- gium	France	Italy	Luxem- bourg	Nether- lands	Com- munity
1952	10 462	1 920	3 664	7 642	2 303	2 160	444	28 595
1953	9 962	1 780	3 343	6 762	2 129	1 904	575	26 455
1954	11 280	1 884	3 592	7 271	2 805	2 132	707	29 671
1955	13 976	2 198	4 349	8 875	3 548	2 397	867	36 210
1956	15 401	2 352	4 710	9 308	3 967	2 604	862	39 204
1st quarter <sup>1)</sup>	1 270	196	403	777	316	216	71	3 249
2nd quarter <sup>1)</sup>	1 243	186	394	783	330	217	74	3 227
3rd quarter <sup>1)</sup>	1 312	200	369	703	316	213	65	3 178
4th quarter <sup>1)</sup>	1 311	201	406	840	360	222	77	3 417

<sup>1)</sup> Monthly average

TABLE No. 15

## Production of finished products by types of product

('000 metric tons)

	1952	1953	1954	1955	1956
Permanent-way material	1 440	1 497	1 108	1 413	1 484
Heavy sections	2 712	2 603	2 739	3 297	3 631
Light sections	10 176	8 691	9 381	11 455	12 578
Wire-rod	2 844	2 478	3 156	3 628	3 749
Tube semis	1 024	1 007	1 254	1 465	1 601
Hoop and strips	2 328	2 039	2 571	2 997	3 078
Plate, 3 mm. and over	4 284	4 523	4 424	5 615	6 718
Sheet under 3 mm.	3 780	3 615	4 966	6 215	6 232
Coils (finished products)	—	—	70	124	143
<b>Total:</b>	<b>28 588</b>	<b>26 453</b>	<b>29 669</b>	<b>36 209</b>	<b>39 214</b>

TABLE No. 16

**Imports of iron and steel products from third countries<sup>1)</sup>**  
(by countries of origin)

('000 metric tons)

Country of destination \ Country of origin	Country of origin						Total
	Austria	United Kingdom	Sweden	U.S.A. and dependencies	U.S.S.R. & Eastern Europe	Other countries	
<i>Germany (Fed. Rep.)</i>							
1954	127	20	25	28	1	12	213
1955	136	16	48	76	72	34	382
1956	159	11	46	106	183	23	528
<i>Belgium/Luxembourg</i>							
1954	27	10	22	26	34	29	148
1955	15	17	26	30	88	33	209
1956 <sup>2)</sup>	16	25	10	19	125	31	226
<i>France and Saar</i>							
1954	4	3	7	17	—	6	37
1955	8	3	10	16	—	6	43
1956	8	4	13	11	13	13	62
<i>Italy</i>							
1954	214	42	8	75	43	22	404
1955	263	20	5	79	70	109	546
1956	259	14	5	58	87	109	532
<i>Netherlands</i>							
1954	2	64	1	66	4	8	145
1955	4	56	2	170	17	35	284
1956	2	43	3	112	10	20	190
<b>Community:</b>							
1954	375	136	63	214	78	81	947
1955	426	112	92	371	247	217	1 465
1956 <sup>2)</sup>	444	97	77	306	418	196	1 538

<sup>1)</sup> Exclusive of old rails.<sup>2)</sup> Estimates for Belgium/Luxembourg and the Community as a whole; as figures have been rounded off, totals by countries of destination vary slightly from totals by groups of products.

TABLE No. 17

**Imports of iron and steel products from third countries<sup>1)</sup>**  
(by groups of products)

('000 metric tons)

Country of destination Group of products	Pig-iron	Ingots and semis	Finished and end-product	Total
<i>Germany (Fed. Rep.)</i>				
1954	59	3	151	213
1955	134	18	230	382
1956	79	159	289	527
<i>Belgium/Luxembourg</i>				
1954	92	1	55	148
1955	148	14	47	209
1956 <sup>2)</sup>	173	7	46	226
<i>France and Saar</i>				
1954	6	0	31	37
1955	9	0	34	43
1956	24	5	33	62
<i>Italy</i>				
1954	130	54	220	404
1955	268	62	216	547
1956	250	91	191	532
<i>Netherlands</i>				
1954	13	0	132	145
1955	8	116	160	284
1956	23	47	122	192
<b>Community:</b>				
1954	300	59	588	947
1955	567	211	687	1 465
1956 <sup>2)</sup>	549	309	681	1 539

<sup>1)</sup> Exclusive of old rails.

<sup>2)</sup> Estimates for Belgium/Luxembourg and the Community as a whole; as figures have been rounded off, totals by groups of products vary slightly from totals by countries of origin.



TABLE No. 18  
**Exports of iron and steel products to third countries**  
 (by countries of destination)

('000 metric tons)

Country of destination ----- Country of origin		North America	Central & South America	United Kingdom	Scandinavian countries	U.S.S.R. & Eastern Europe	Other European countries	Overseas territories of member States	Asia	Africa less territories of member States	Other countries	Total
<i>Germany (Fed. Rep.)</i>												
1954		77	237	31	180	40	533	0	305	35	2	1 440
1955		48	209	62	165	52	602	1	254	51	4	1 445
1956		186	219	173	385	262	446	3	463	87	9	2 253
<i>Belgium/Luxembourg</i>												
1954		300	522	64	230	64	618	126	380	139	40	2 484
1955		282	413	223	245	65	736	150	415	198	77	2 805
1956 <sup>a)</sup>		614	363	364	489	171	385	164	684	187	53	3 474
<i>France and Saar</i>												
1954		149	345	71	85	107	556	457	184	160	15	2 126
1955		203	359	316	85	154	715	526	360	194	41	2 953
1956		312	190	200	248	191	449	455	486	129	31	2 691

<i>Italy</i>											
1954	0	43	0	—	2	31	—	1	5	2	90
1955	0	26	3	0	2	77	—	15	11	5	141
1956	9	61	12	1	63	96	0	118	17	7	384
<i>Netherlands</i>											
1954	4	19	92	62	—	100	3	12	5	3	299
1955	1	42	157	60	—	89	10	11	2	5	377
1956	0	21	98	79	15	43	10	27	3	0	296
<b>Community :</b>											
1954	530	1 166	265	556	215	1 884	587	883	345	62	6 440
1955	532	1 048	762	556	278	2 216	686	1 058	455	134	7 723
1956 <sup>2)</sup>	1 121	854	847	1 202	702	1 439	632	1 778	428	100	9 098

<sup>1)</sup> Exclusive of old rails

<sup>2)</sup> Estimates for Belgium/Luxembourg and the Community as a whole; as figures have been rounded off, totals by countries of origin vary slightly from totals by groups of products.

TABLE No. 19

**Exports of iron and steel products to third countries<sup>1)</sup>**  
(by groups of products)

('000 metric tons)

Country of Origin	Group of products			
	Pig-iron	Ingots and semis	Finished and end-products	Total
<i>Germany (Fed. Rep.)</i>				
1954	181	164	1 095	1 440
1955	122	164	1 159	1 445
1956	229	167	1 858	2 454
<i>Belgium/Luxembourg</i>				
1954	1	163	2 320	2 484
1955	1	163	2 641	2 806
1956 <sup>2)</sup>	3	185	3 285	3 476
<i>France and Saar</i>				
1954	49	260	1 817	2 127
1955	206	240	2 507	2 953
1956	84	150	2 458	2 692
<i>Italy</i>				
1954	2	44	44	90
1955	2	37	102	142
1956	5	109	270	384
<i>Netherlands</i>				
1954	127	0	172	209
1955	167	—	210	377
1956	89	0	207	296
<b>Community:</b>				
1954	360	631	5 449	6 440
1955	498	605	6 620	7 723
1956 <sup>2)</sup>	410	611	8 081	9 102

<sup>1)</sup> Exclusive of old rails.

<sup>2)</sup> Estimates for Belgium/Luxembourg and the Community as a whole; as figures have been rounded off, totals by groups of products vary slightly from totals by countries of destination.





TABLE No. 20

## Trade in iron and steel products

Country of supply	Country of destination <sup>1)</sup>	1952	1953
Germany	Belgium and Luxembourg	88.8	118.8
	France and Saar	9.6	28.8
	Italy	62.4	79.2
	Netherlands	141.6	220.8
	<i>Total</i>	<i>302.4</i>	<i>447.6</i>
Belgium and Luxembourg <sup>2)</sup>	Germany	532.8	478.8
	France and Saar	14.4	73.2
	Italy	135.6	145.2
	Netherlands	571.2	546.0
	<i>Total</i>	<i>1 254.0</i>	<i>1 243.2</i>
France and Saar	Germany	243.6	543.6
	Belgium and Luxembourg	70.8	184.8
	Italy	121.2	253.2
	Netherlands	45.6	108.0
	<i>Total</i>	<i>481.2</i>	<i>1 089.6</i>
Italy	Germany	0.5	0.0
	Belgium and Luxembourg	0.8	0.0
	France and Saar	0.1	3.6
	Netherlands	1.0	1.2
	<i>Total</i>	<i>2.4</i>	<i>4.8</i>
Netherlands	Germany	9.6	57.6
	Belgium and Luxembourg	51.6	36.0
	France and Saar	3.6	12.0
	Italy	3.6	8.4
	<i>Total</i>	<i>68.4</i>	<i>114.0</i>
<b>Grand total <sup>2)</sup> :</b>		<b>2 108.4</b>	<b>2 899.2</b>
<i>of which</i>			
Germany		786.5	1 080.0
Belgium and Luxembourg		212.0	339.6
France and Saar		27.7	117.6
Italy		322.8	486.0
Netherlands		759.4	876.0

<sup>1)</sup> Estimates based on deliveries.<sup>2)</sup> Estimates for Belgium/Luxembourg and the Community as a whole.

within the Community

(*'000 metric tons*)

1954	1955	1956	1st qtr. 1956	2nd qtr. 1956	3rd qtr. 1956	4th qtr. 1956
119.7	116.5	183.5	35.2	51.7	47.1	49.5
117.6	163.1	227.2	49.4	66.3	50.9	60.6
150.3	115.1	150.5	43.5	35.0	30.0	42.0
385.0	437.3	356.6	76.9	89.9	88.9	100.9
<b>771.6</b>	<b>832.0</b>	<b>917.8</b>	<b>205.0</b>	<b>242.9</b>	<b>216.9</b>	<b>253.0</b>
652.5	1 041.1	787.4	227.2	217.4	182.3	160.5
303.3	524.9	572.6	128.4	153.1	142.3	148.8
119.4	103.0	83.9	15.9	19.5	22.7	25.8
711.0	814.5	766.2	189.6	215.6	168.4	192.6
<b>1 786.2</b>	<b>2 483.5</b>	<b>2 210.1</b>	<b>561.1</b>	<b>605.6</b>	<b>517.7</b>	<b>527.7</b>
863.4	1 297.3	1 055.9	275.3	260.4	264.6	255.6
138.3	311.7	281.5	73.9	65.1	68.4	74.1
249.9	255.8	174.3	50.9	46.0	34.4	43.0
69.3	77.9	96.7	18.7	19.1	23.7	35.2
<b>1 320.9</b>	<b>1 942.7</b>	<b>1 608.4</b>	<b>418.8</b>	<b>390.6</b>	<b>391.1</b>	<b>407.9</b>
1.8	8.2	11.1	5.1	2.6	1.4	2.0
0.0	0.0	1.2	0.0	0.1	0.1	1.0
6.0	53.3	36.5	7.0	8.5	7.1	13.9
0.0	0.1	0.1	0.0	0.0	0.0	0.1
<b>7.8</b>	<b>61.6</b>	<b>48.9</b>	<b>12.1</b>	<b>11.2</b>	<b>8.6</b>	<b>17.0</b>
160.2	217.1	147.4	34.5	38.0	37.7	37.2
59.4	78.4	63.5	15.9	15.6	14.4	17.6
27.3	40.2	64.8	11.8	19.5	15.9	17.6
20.4	8.6	13.4	4.6	1.3	4.5	3.0
<b>267.3</b>	<b>344.3</b>	<b>289.1</b>	<b>66.8</b>	<b>74.4</b>	<b>72.5</b>	<b>75.4</b>
<b>4 153.8</b>	<b>5 664.1</b>	<b>5 074.3</b>	<b>1 263.9</b>	<b>1 324.7</b>	<b>1 204.8</b>	<b>1 281.0</b>
1 677.9	2 563.7	2 001.8	542.1	518.4	486.0	455.3
317.4	506.6	529.7	125.0	132.5	130.0	142.2
454.2	781.5	901.1	196.6	247.4	216.2	240.9
540.0	482.5	422.1	114.9	101.8	91.6	113.8
1 164.3	1 329.8	1 219.6	285.2	324.6	281.0	328.8

TABLE No. 21  
Production of crude iron ore

('000 metric tons)

Period	Germany (Fed. Rep.)	Belgium	France	Italy	Luxem- bourg	Communi- ty
	<i>in actual tonnage</i>					
1952	15 408	132	41 184	1 320	7 248	<b>65 292</b>
1953	14 621	100	42 924	1 429	7 168	<b>66 242</b>
1954	13 039	81	44 362	1 601	5 887	<b>64 970</b>
1955	15 682	106	50 885	2 151	7 204	<b>76 028</b>
1956	16 928	144	53 384	2 646	7 595	<b>80 697</b>
1st quarter <sup>1)</sup>	1 360	11	4 539	175	586	<b>6 671</b>
2nd quarter <sup>1)</sup>	1 385	13	4 470	234	688	<b>6 790</b>
3rd quarter <sup>1)</sup>	1 436	12	4 263	262	606	<b>6 579</b>
4th quarter <sup>1)</sup>	1 461	13	4 523	212	651	<b>6 860</b>
1957						
January	1 529	14	5 148	212	695	<b>7 598</b>
February	1 405	11	4 826	211	632	<b>7 085</b>
	<i>in tons Fe content</i>					
1954	3 551	26	13 331	613	1 493	<b>19 014</b>
1955	4 227	33	15 463	781	1 792	<b>22 296</b>
1956	4 512	45	16 043	898	1 894	<b>23 392</b>
1st quarter <sup>1)</sup>	365	3	1 363	60	147	<b>1 938</b>
2nd quarter <sup>1)</sup>	371	4	1 346	80	172	<b>1 973</b>
3rd quarter <sup>1)</sup>	382	4	1 280	88	151	<b>1 905</b>
4th quarter <sup>1)</sup>	387	4	1 359	71	162	<b>1 983</b>
1957						
January	403	5	1 538	71	171	<b>2 188</b>
February	370	3	1 440	70	153	<b>2 036</b>

<sup>1)</sup> Monthly average

TABLE No. 22  
Iron-ore trade within the Community

Country of Supply	Country of destination <sup>1)</sup>	(1000 metric tons)								
		1952	1953	1954	1955	1956	1st qtr. 1956	2nd qtr. 1956	3rd qtr. 1956	4th qtr. 1956
Germany (Fed. Rep.)	Belgium and Luxembourg	—	—	1.2	0.9	1.7	0.3	0.6	0.2	0.6
	France and Saar	51.6	57.6	51.6	24.1	39.0	6.5	10.4	11.8	10.3
	Italy	1.2	1.2	1.2	2.1	2.1	0.5	0.5	0.6	0.5
	Netherlands	0	0	0	3.0	4.2	0.2	0.3	0.8	2.9
	<i>Total</i>	52.8	58.8	54.0	30.1	47.0	7.5	11.8	13.4	14.3
Luxembourg <sup>2)</sup>	Germany (Fed. Rep.)	434.4	207.6	99.6	386.0	580.1	145.4	158.5	144.3	131.9
	France and Saar	10.8	614.4	27.6	36.5	55.9	16.7	19.2	9.5	10.5
	<i>Total</i>	445.2	822.0	127.2	422.5	636.0	161.2	177.7	153.8	142.4
France	Germany (Fed. Rep.)	379.2	340.8	242.4	353.9	589.7	110.7	138.1	150.6	190.3
	Belgium and Luxembourg	8 395.2	9 001.2	10 261.2	12 537.5	12 634.4	3 087.5	3 177.4	3 241.6	3 127.9
	Netherlands	132.0	187.2	144.0	141.4	104.5	38.8	19.6	27.9	18.2
	<i>Total</i>	8 906.4	9 529.2	10 647.6	13 032.8	13 328.6	3 237.0	3 335.1	3 420.1	3 336.4
	<b>Grand Total<sup>3)</sup></b>	<b>9 404.4</b>	<b>10 470.0</b>	<b>10 828.8</b>	<b>13 521.5</b>	<b>14 056.4</b>	<b>3 416.1</b>	<b>3 548.6</b>	<b>3 598.6</b>	<b>3 493.1</b>
	<i>of which:</i>									
	Germany (Fed. Rep.)	813.6	608.4	342.0	776.0	1 214.6	265.6	320.6	306.2	322.2
	Belgium and Luxembourg	8 395.2	9 001.2	10 262.4	12 538.4	12 636.1	3 087.8	3 178.0	3 241.8	3 128.5
	France and Saar	62.4	672.0	79.2	60.6	94.9	23.2	29.6	21.3	20.8
	Italy	1.2	1.2	1.2	2.1	2.1	0.5	0.5	0.6	0.5
	Netherlands	132.0	187.2	144.0	144.4	108.7	39.0	19.9	28.7	21.1

1) Estimates based on deliveries.

2) Estimates for Luxembourg and the Community as a whole.

3) Including some small tonnages delivered by Italy.

TABLE No. 23

## Scrap supplies

(monthly figures or averages in '000 metric tons)

	1955	1956	1st qtr. 1956	2nd qtr. 1956	3rd qtr. 1956	4th qtr. 1956
Own arisings	1 113	1 125	1 094	1 122	1 127	1 157
Purchases in Community	754	826	773	881	788	860
Imports from third countries	238	266	263	300	236	263
<b>Total avail- abilities:</b>	<b>2 105</b>	<b>2 216</b>	<b>2 130</b>	<b>2 304</b>	<b>2 151</b>	<b>2 280</b>
Total consumption	2 031	2 229	2 159	2 201	2 232	2 326
Stocks at the works (at end of period)	2 674	2 697	2 623	2 941	2 712	2 697

TABLE No. 24

Scrap purchases by the Community iron and steel industry  
from other Community countries

('000 metric tons)

	Ger- many (Fed. Rep.)	Belgium	France and Saar	Italy	Luxem- bourg	Nether- lands	Comm- nity
1952	..	..	..	..	..	..	<b>432.0</b>
1953	..	..	..	..	..	..	<b>1 062.0</b>
1954	123.8	82.2	45.7	916.5	22.0	22.3	<b>1 217.5</b>
1955	111.0	97.9	106.9	839.0	5.9	11.0	<b>1 171.7</b>
1956	26.6	158.2	252.0	729.4	88.0	10.1	<b>1 264.5</b>
1st quarter <sup>1)</sup>	0.7	17.6	13.8	55.0	0.4	0.2	<b>87.8</b>
2nd quarter <sup>1)</sup>	1.1	14.1	25.3	44.9	1.2	0.7	<b>87.3</b>
3rd quarter <sup>1)</sup>	3.7	7.6	23.5	62.8	20.6	0.7	<b>118.9</b>
4th quarter <sup>1)</sup>	3.3	13.5	21.4	80.4	7.2	1.7	<b>127.9</b>
1957							
January	1.7	12.7	9.1	106.6	1.6	1.0	<b>132.7</b>
February	1.2	10.4	21.4	68.0	2.2	1.2	<b>104.4</b>

<sup>1)</sup> Monthly average.



TABLE No. 25  
 Development of internal basis prices for rolled products  
 in the Community, the U.K. and U.S.A.  
 from March 30, 1956 to March 30, 1957

(prices exclusive of tax in dollars per metric ton) <sup>1)</sup>

	Germany (Fed. Rep.)		Belgium		France		Italy		Luxembourg		Netherlands		United Kingdom <sup>2)</sup>		United States <sup>2)</sup>	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
<i>Basic Bessemer</i>																
Merchant bars	89.60	95.10	103.—	108/110	86.15	90.—			101.—	106.—	110.75	115.50	94.65	104.45	102.50	111.90
Sections	87.30	92.80	105.—	114.—	84.70	91.15			101.—	106.—	—	—	85.50	103.—	101.40	110.25
Wire-rod	91.20	97.15	104.—	108.—	86.40	93.15			101.—	106.—	107.50	116.25	92.15	101.55	110.80	127.90
Hoop and strip	102.15	107.65	100.—	104.—	96.35	99.15			99.50	140.—	107.75	111.75	69.65	104.40	95.35	103.05
Plate	98.05	104.—	115.—	128.—	101.35	106.30			111.—	124.—	101.25	115.—	91.15	107.75	99.65	106.90
Sheet (hot-rolled)	122.50	128.70	128.—	136.—	120.60	105.45			127.60	135.60	130.35	137.85	99.90	113.80	95.35	103.05



<i>Open-Hearth</i>	96-45	104-25	124—	132—	105-95	110-85	123-20	132—	117-50	128-40		
Merchant bars												
Sections	94-40	101-95	126—	136—	104-45	112-30	121-60	137-60	—	—		
Wire-rod	98-30	106-30	117—	123—	104-35	121-70	121-60	136-80	111-75	118—		
Hoop and strip	112-70	120-45	112—	126—	116-85	121-45	131-20	142-40	114-25	119-50		
Plate	108-80	117-05	135—	152—	121-70	128-30	148-80	171-20	111-25	127-50		
Sheet (hot-rolled)	131-45	139-65	140—	148—	141-30	147-15	163-20	172—	135-50	143—		
Basing points	Oberhausen for plate: Essen for sheet: Siegen	Seraing	Thionville for plate and sheet: Montmédy	Novi Ligure	Luxembourg	Delivered place of destination	Pittsburgh					

<sup>1)</sup> Taxes deducted: for Germany 4%, for the Netherlands 5%, 1 dollar = Fr. 350, Br. 50, DM 4 20, Lit. 625, Hfl. 3.80, L 0.957 (= approx. 7 s. 1½ d.)

<sup>2)</sup> Basic open-hearth quality employed for the most usual purposes in the U.K. and U.S.A. is here compared with basic Bessemer quality employed for the same purposes in the Community.

TABLE No. 26

**Development of basis export prices for rolled products  
from March 30, 1956 to March 30, 1957**

*(in dollars per metric ton exclusive of tax, f.o.b. port of departure)*

	Community (overall)		United Kingdom		United States	
	1956	1957	1956	1957	1956	1957
Merchant bars	108	112/118	112-80	123-10	112-45	123-25
Sections	110	123-50	118-50	156-40	111-35	121-25
Wire-rod	110	112	—	—	114-85	132-30
Hoop and strip	110	113	110-25 <sup>1)</sup>	123 45 <sup>1)</sup>	104-30	113-10
			111-60	124-85		
	120	135	124	161-90	108-25	117-05
Heavy plate	144-65 <sup>2)</sup>	147-65	122-65 <sup>2)</sup>	130-90 <sup>2)</sup>	103-60	112-45
Hot-rolled sheet <sup>1)</sup>	151-65		144-70	148-80		

<sup>1)</sup> According to size.

<sup>2)</sup> According to destination.

TABLE No. 27

**Hard-coal production by countries**

*('000 metric tons)*

	Germany (Fed. Rep.)	Saar	Belgium	France	Italy	Nether- lands	Commu- nity
1952	123 278	16 235	30 384	55 365	1 089	12 532	238 883
1953	124 472	16 418	30 060	52 588	1 126	12 297	236 961
1954	128 035	16 818	29 249	54 405	1 074	12 071	241 653
1955	130 728	17 329	29 978	55 335	1 136	11 895	246 401
1956	134 407	17 090	29 555	55 129	1 076	11 836	249 093
1st quarter <sup>1)</sup>	11 450	1 529	2 616	4 841	91	1 003	21 530
2nd quarter <sup>1)</sup>	10 874	1 397	2 572	4 472	88	970	20 373
3rd quarter <sup>1)</sup>	11 189	1 396	2 151	4 283	92	988	20 099
4th quarter <sup>1)</sup>	11 290	1 375	2 511	4 781	88	984	21 029
1957							
1st quarter <sup>1)</sup>	11 415	1 458	2 441	4 873	75	996	21 260
January	11 829	1 535	2 417	5 122	70	1 079	22 052
February	10 853	1 427	2 385	4 712	76	976	20 429
March	11 566	1 411	2 521	4 786	80	934	21 298

<sup>1)</sup> Monthly average

TABLE No. 28  
Hard-coal output by coalfields

('000 metric tons)

	1952	1953	1954	1955	1956
Ruhr	114 417	115 551	118 712	121 106	124 627
Nord/Pas-de-Calais	29 406	27 554	28 705	29 101	28 583
Southern Belgium	20 672	20 577	19 991	19 833	19 085
Saar	16 235	16 418	16 818	17 329	17 090
Lorraine	12 210	12 001	12 996	13 157	13 286
Dutch Limburg	12 532	12 297	12 071	11 895	11 836
Campine	9 712	9 483	9 258	10 144	10 468
Aachen (Aix-la Chapelle)	6 439	6 588	6 857	7 062	7 208
Loire	3 805	3 460	3 330	3 355	3 432
Cévennes	2 893	2 875	2 819	2 841	2 909
Blanzy	2 678	2 589	2 612	2 582	2 641
Lower Saxony	2 422	2 333	2 466	2 560	2 573
Aquitaine	2 100	2 020	1 910	2 138	2 185
Auvergne	1 145	1 120	1 092	1 185	1 168
Sulcis	954	1 004	958	1 039	973
Dauphiné	536	542	536	604	564

TABLE No. 29  
Production of coke-oven coke

('000 metric tons)

	Germany (Fed. Rep.)	Saar	Belgium	France	Italy	Nether- lands	Commu- nity
1952	37 233	3 888	6 407	9 216	2 350	3 285	<b>62 379</b>
1953	37 776	3 590	5 945	8 631	2 327	3 245	<b>61 514</b>
1954	34 921	3 666	6 147	9 220	2 499	3 381	<b>59 833</b>
1955	40 520	3 939	6 600	10 725	2 949	3 901	<b>68 633</b>
1956	43 434	4 206	7 270	12 249	3 410	4 238	<b>74 807</b>
1st quarter <sup>1)</sup>	3 587	346	590	1 004	276	348	<b>6 152</b>
2nd quarter <sup>1)</sup>	3 547	346	597	1 002	284	347	<b>6 124</b>
3rd quarter <sup>1)</sup>	3 637	355	615	1 005	289	349	<b>6 250</b>
4th quarter <sup>1)</sup>	3 707	357	625	1 069	290	366	<b>6 416</b>
1957							
January	3 853	368	625	1 081	304	373	<b>6 616</b>
February	3 518	337	577	938	278	338	<b>5 986</b>

<sup>1)</sup> Monthly average.

TABLE No. 30

Underground O.M.S. in the hard-coal mines<sup>1)</sup>

(Kilograms)

	1933	1952	1953	1954	1955	1956
Ruhr	1 960	1 503	1 486	1 523	1 572	1 591
Nord/Pas-de-Calais	1 136	1 228	1 277	1 349	1 426	1 484
Southern Belgium	1 004	965	986	1 011	1 028	1 034
Saar <sup>2)</sup>	1 570	1 623	1 676	1 744	1 810	1 819
Lorraine	2 014	2 018	2 088	2 214	2 257	2 275
Dutch Limburg	2 371	1 609	1 567	1 497	1 486	1 496
Campine	1 523	1 300	1 307	1 352	1 484	1 492
Aachen (Aix-la-Chapelle)	1 409	1 194	1 186	1 200	1 279	1 281
Lower Saxony	1 380	1 200	1 130	1 169	1 228	1 274
Centre/Midi	1 176	1 270	1 343	1 424	1 513	1 586
Sulcis	..	..	609	636	867	949
<b>Community:</b>	<b>1 590<sup>3)</sup></b>	<b>1 389<sup>3)</sup></b>	<b>1 393</b> <b>1 401<sup>3)</sup></b>	<b>1 438</b> <b>1 447<sup>3)</sup></b>	<b>1 497</b> <b>1 502<sup>3)</sup></b>	<b>1 525</b> <b>1 529<sup>3)</sup></b>

<sup>1)</sup> The output of the German and Netherlands mines is given as 2—3% below the true level, the low-grade fuel mined by them having been converted into terms of saleable products.

<sup>2)</sup> Saarbergwerke.

<sup>3)</sup> Exclusive of the Sulcis coalfield.

TABLE No. 31  
Pithead stocks of hard coal

('000 metric tons at end of period)

	1952	1953	1954	1955		1956	
				Total tonnage	Low-grade products <sup>1)</sup>	Total tonnage	Low-grade products <sup>1)</sup>
<i>Germany (Fed. Rep.)</i>	465	841	654	572	4 %	700	2 %
Ruhr	445	783	617	540	3 %	653	2 %
Aachen	12	10	17	19	22 %	29	10 %
Lower Saxony	8	48	21	13	27 %	17	—
<i>Saar</i>	462	536	821	228	86 %	102	68 %
<i>Belgium</i>	1 673	3 077	2 815	371	64 %	179	68 %
Campine	667	1 169	898	69	61 %	23	78 %
South	1 006	1 908	1 917	302	65 %	156	66 %
<i>France<sup>2)</sup></i>	4 213	5 756	7 838	5 983	83 %	4 524	88 %
Nord/Pas-de-Calais	1 553	2 036	2 995	1 759	68 %	1 416	69 %
Lorraine	1 181	1 391	2 032	1 790	98 %	1 458	98 %
Centre/Midi	1 442	2 292	2 796	2 417	83 %	1 636	95 %
<i>Italy</i>							
All coalfields	53	49	26	65	2 %	29	69 %
<i>Netherlands</i>							
Limburg	237	213	287	292	69 %	259	68 %
<b>Community:</b>	<b>7 103</b>	<b>10 472</b>	<b>12 441</b>	<b>7 511</b>	<b>75 %</b>	<b>5 793</b>	<b>75 %</b>

1) Percentage of low-grade products covers middlings, slurry, slack and various low-grade fuels.

2) Including stocks at mines which have not been nationalized.

TABLE No. 32  
Stocks of coke at coking-plants

('000 metric tons at end of period)

	1952	1953	1954	1955	1956
<i>Germany (Fed. Rep.)</i>	110	3 429	1 984	164	178
Saar	18	34	19	12	22
<i>Belgium</i>	101	200	127	71	87
<i>France</i>	187	435	375	164	175
<i>Italy</i>	52	63	58	62	50
<i>Netherlands</i>	63	99	82	82	68
<b>Community:</b>	<b>531</b>	<b>4 260</b>	<b>2 645</b>	<b>555</b>	<b>580</b>

TABLE No. 33

## Hard-coal imports from third countries

('000 metric tons)

Country of destination \ Country of origin	U.S.A.	U.K.	Poland	Soviet Russia	Other countries	Total
<b>Germany (Fed. Rep.)</b>						
1952	7 377	482	9	—	11	7 897
1953	3 421	1 521	76	—	27	5 045
1954	1 823	1 633	262	0	163	3 881
1955	6 998	1 339	714	69	151	9 271
1956	11 486	1 099	861	96	140	13 682
<b>Belgium</b>						
1952	794	337	5	33	4	1 173
1953	664	420	—	46	2	1 133
1954	253	526	6	62	4	852
1955	784	485	—	124	60	1 453
1956	1 980	597	30	68	147	2 822
<b>France</b>						
1952	3 138	1 125	752	199	148	5 361
1953	289	448	480	260	138	1 615
1954	55	994	514	404	248	2 215
1955	802	950	438	550	161	2 901
1956	6 052	777	1 208	611	156	8 804
<b>Italy</b>						
1952	2 885	1 083	741	114	254	5 007
1953	1 069	1 704	613	46	249	4 222
1954	2 852	1 324	375	111	179	4 842
1955	5 632	781	106	208	92	6 820
1956	6 665	380	133	229	174	7 581
<b>Luxembourg</b>						
1952	—	67	—	—	—	67
1953	—	6	—	—	—	6
1954	—	5	—	—	—	5
1955	—	—	—	—	—	—
1956	37	—	—	—	—	37
<b>Netherlands</b>						
1952	2 108	422	121	36	19	2 707
1953	701	986	24	80	10	1 802
1954	1 181	809	—	135	4	2 129
1955	1 719	750	—	128	5	2 603
1956	4 169	713	4	171	63	5 120
<b>Community:</b>						
1952	16 302	3 516	1 628	382	436	22 264
1953	6 684	5 085	1 193	432	426	13 823
1954	6 164	5 291	1 157	712	598	13 924
1955	15 935	4 305	1 258	1 079	469	23 048
1956	30 389	3 567	2 235	1 175	680	38 046

TABLE No. 34  
**Hard-coal exports to third countries**

('000 metric tons)

Country of origin \ Country of destination	U.K.	Scandinavian countries	Switzerland	Austria	Other countries	Total
<i>Germany (Fed. Rep.)</i>						
1952	—	434	511	1 627	532	3 104
1953	26	548	405	1 778	507	3 264
1954	407	500	561	1 889	371	3 729
1955	181	563	555	1 081	445	2 825
1956	—	542	611	921	415	2 489
<i>Saar</i>						
1952	—	80	253	81	139	552
1953	227	185	315	196	171	1 094
1954	498	171	355	147	167	1 337
1955	472	254	440	243	97	1 776
1956	231	2	360	132	72	797
<i>Belgium</i>						
1952	—	139	50	—	43	232
1953	192	64	50	2	274	582
1954	911	132	230	1	123	1 397
1955	1 537	116	348	0	55	2 056
1956	747	107	300	0	11	1 165
<i>France</i>						
1952	—	54	265	40	182	539
1953	116	229	267	129	140	881
1954	557	172	322	43	195	2 288
1955	1 994	429	526	99	282	3 330
1956	350	122	442	46	159	1 119
<i>Netherlands</i>						
1952	—	—	—	—	15	15
1953	—	0	39	0	12	51
1954	—	13	87	1	8	110
1955	—	11	93	2	4	110
1956	—	3	137	6	6	152
<b>Community:</b>						
1952	—	707	1 079	1 748	908	4 442
1953	561	1 026	1 076	2 105	1 104	5 872
1954	2 373	988	1 555	2 081	864	7 861
1955	4 455	1 372	1 962	1 425	883	10 097
1956	1 328	776	1 850	1 105	663	5 722

TABLE No. 35

## Coke exports to third countries

('000 metric tons)

Country of Origin \ Country of destination	Scandinavian countries	Switzerland	Austria	Other countries	Total
<i>Germany (Fed. Rep.)</i>					
1952	3 049	412	240	323	4 024
1953	2 251	384	275	310	3 220
1954	2 766	422	336	905	4 430
1955	2 840	414	313	494	4 061
1956	2 800	469	309	176	3 574
<i>Saar</i>					
1952	—	—	6	—	6
1953	—	—	4	—	4
1954	—	—	1	—	1
1955	—	—	1	3	4
1956	—	0	—	—	0
<i>Belgium</i>					
1952	200	43	0	172	415
1953	337	17	9	93	456
1954	165	17	7	137	326
1955	206	8	1	63	278
1956	283	12	0	5	300
<i>France</i>					
1952	3	12	—	17	32
1953	21	29	2	19	71
1954	42	40	2	24	108
1955	113	48	4	24	189
1956	11	50	—	18	79
<i>Italy</i>					
1952	—	—	—	79	79
1953	—	—	—	70	70
1954	—	—	—	51	51
1955	—	—	—	14	14
1956	—	—	—	0	0
<i>Netherlands</i>					
1952	452	134	—	54	637
1953	427	113	—	37	577
1954	487	124	—	16	627
1955	608	116	—	40	764
1956	642	138	—	46	826
<b>Community</b>					
1952	3 704	601	246	645	5 193
1953	3 036	543	290	529	4 389
1954	3 460	603	346	1 133	5 543
1955	3 770	586	319	636	5 310
1956	3 735	669	309	245	4 758





TABLE No. 36  
Trade in hard coal and hard-coal briquettes within the Community

Country of supply	Country of destination	('000 metric tons)										
		1952	1953	1954	1955	1956	1st qtr. 1956†	2nd qtr. 1956†	3rd qtr. 1956†	4th qtr. 1956†	Jan. 1957‡	Febr. 1957‡
Germany	Belgium	317	691	1 930	1 197	1 160	67	82	126	112	109	86
	France and Saar	3 706	3 828	4 256	3 568	3 629	285	283	340	302	379	338
	Italy	2 993	3 241	3 505	2 899	3 011	254	272	239	238	303	237
	Luxembourg	103	127	118	119	141	12	10	12	13	12	13
	Netherlands	2 143	2 544	3 028	2 440	2 264	166	206	201	182	177	167
	<i>Total:</i>	9 262	10 611	12 837	10 223	10 205	783	853	918	847	980	811
Belgium	Germany	19	107	226	754	424	18	55	43	26	20	19
	France and Saar	1 228	1 830	1 597	1 502	1 440	122	144	100	113	105	100
	Italy	681	839	576	185	98	10	8	9	6	5	4
	Luxembourg	65	23	38	49	49	4	5	3	4	4	4
	Netherlands	574	1 070	2 166	2 965	1 915	145	199	128	167	143	143
	<i>Total:</i>	2 567	3 869	4 603	5 455	3 926	299	412	284	315	278	271

France and Saar	3 940	4 320	4 239	5 141	3 919	380	312	310	305	343	329
Germany	169	147	331	602	406	17	36	38	44	41	30
Belgium	214	417	417	308	233	21	21	10	19	20	20
Italy	155	129	132	132	135	11	12	11	10	12	11
Luxembourg	4	106	10	455	46	0	2	5	1	3	2
<i>Total:</i>	4 482	5 173	5 129	6 638	4 739	437	382	381	379	419	392
Germany	—	10	124	227	198	16	17	17	16	13	14
Belgium	4	175	521	356	330	28	29	26	26	30	30
France and Saar	—	74	386	337	309	24	28	25	26	36	30
Italy	—	4	—	—	—	—	—	—	—	—	—
Luxembourg	—	—	—	—	—	—	—	—	—	—	—
<i>Total:</i>	4	263	1 031	920	837	69	73	68	69	79	74
<b>Grand Total:</b>	<b>16 315</b>	<b>19 916</b>	<b>23 600</b>	<b>23 236</b>	<b>19 707</b>	<b>1 588</b>	<b>1 720</b>	<b>1 652</b>	<b>1 609</b>	<b>1 753</b>	<b>1 578</b>
<i>of which:</i>											
Germany	3 959	4 437	4 589	6 122	4 541	414	384	369	347	376	362
Belgium	490	1 013	2 782	2 155	1 896	122	147	100	182	180	146
France and Saar	4 934	5 732	6 239	5 407	5 378	431	455	465	441	520	468
Italy	3 888	4 735	4 498	3 392	3 342	285	301	266	263	326	260
Luxembourg	323	279	288	300	325	27	27	26	27	29	29
Netherlands	2 721	3 720	5204	5 860	4 225	319	407	334	350	322	312

1) Monthly averages

2) Provisional figures

TABLE No. 37  
Coke trade within the Community

Country of supply	Country of destination	('000 metric tons)										
		1952	1953	1954	1955	1956	1st qtr. 1956 <sup>2</sup>	2nd qtr. 1956 <sup>2</sup>	3rd qtr. 1956 <sup>2</sup>	4th qtr. 1956 <sup>2</sup>	Jan. 1957 <sup>2</sup>	Feb. 1957 <sup>2</sup>
Germany	Belgium	—	8	48	60	59	5	5	5	5	4	4
	France and Saar	3 442	2 768	2 212	3 523	3 582	294	296	300	304	304	286
	Italy	2	11	23	21	4	1	0	0	0	1	0
	Luxembourg	2 970	2 798	2 773	3 140	3 187	269	269	268	257	254	229
	Netherlands	179	270	346	386	315	29	25	24	26	24	23
	<i>Total:</i>	6 593	5 855	5 402	7 130	7 147	598	595	596	593	588	542
Belgium	Germany	201	21	1	23	115	13	18	4	3	1	4
	France and Saar	197	220	451	356	386	33	27	36	33	34	30
	Italy	—	—	—	—	—	—	—	—	—	—	—
	Luxembourg	140	102	102	92	91	4	7	8	12	15	14
	Netherlands	5	22	8	27	33	2	2	3	4	5	4
	<i>Total:</i>	543	365	562	498	625	52	54	51	52	55	53

France and Saar	120	158	184	166	143	10	14	12	11	10	10
Germany	—	2	3	13	12	1	1	1	1	1	0
Belgium	2	17	24	73	47	3	5	4	3	4	6
France and Saar	518	448	565	721	744	63	62	60	63	62	57
Luxembourg	234	203	246	304	363	27	28	33	33	29	34
Netherlands	754	670	838	1 111	1 167	94	97	99	100	96	97
<i>Total:</i>	<b>8 104</b>	<b>7 075</b>	<b>6 990</b>	<b>8 992</b>	<b>9 137</b>	<b>765</b>	<b>764</b>	<b>760</b>	<b>756</b>	<b>749</b>	<b>710</b>
<i>of which:</i>											
Germany <sup>1)</sup>	321	181	188	267	305	33	35	17	15	12	14
Belgium	2	26	76	140	106	0	10	9	8	8	10
France and Saar <sup>1)</sup>	4 251	3 463	3 228	4 601	4 726	390	386	398	400	401	381
Italy	2	11	23	21	4	1	0	0	0	1	0
Luxembourg	3 344	3 103	3 121	3 536	3 641	300	304	309	302	298	277
Netherlands	184	292	354	427	350	31	27	27	30	29	27

<sup>1)</sup> Including some small tonnages delivered by Italy.

<sup>2)</sup> Monthly averages.

<sup>3)</sup> Provisional figures.

TABLE No. 38

**Development of coal prices**  
for certain types and sizes in the

Type	Size	Year	Ruhr		Aachen		Netherlands	
			month	price	month	price	month	price
Coke	large	1952	May	13.94	May	13.94		
		1953	March	14.63	March	15.88	April	16.63
		1954	April	14.17	April	15.43	April	16.13
		1955	May	14.86	May	16.34	May	16.40
		1956	April	15.69	April	17.39	April	17.99
		1957	April	17.65	April	18.88	April	19.58
An-thra-cite	French nuts	1952	May	19.20	May	19.20		
		1953	March	22.17	March	23.42	April	26.29
		1954	April	22.17	April	23.88	April	26.29
		1955	May	22.63	May	25.14	May	28.57
		1956	April	23.08	April	25.83	April	29.89
		1957	April	24.02	April	27.43	April	32.14
Low-vola-tile	small nuts	1952	May	16.23	May	15.23		
		1953	March	18.74	March	20.00	April	21.71
		1954	April	18.74	April	20.22	April	21.33
		1955	May	19.20	May	21.60	May	22.49
		1956	April	19.66	April	22.28	April	23.81
		1957	April	20.59	April	23.31	April	25.53
Semi-bitu-min-ous	singles	1952	May	11.65			April	14.48
		1953	March	13.03			April	14.48
		1954	April	13.03	April	13.71	April	14.48
		1955	May	13.71	May	14.06	May	14.55
		1956	April	14.17	April	14.74	April	14.55
		1957	April	15.11	April	16.00	April	17.33
Bi-tum-inous	washed duff or coking fines	1952	May	10.86	May	10.86		
		1953	March	12.00	March	13.25	April	13.84
		1954	April	11.54	April	12.80	April	12.95
		1955	May	12.00	May	13.14	May	12.96
		1956	April	12.46	April	13.83	April	12.96
		1957	April	13.39	April	14.86	April	14.55
High-vola-tile bitum-in-ous	doubles	1952	May	11.31				
		1953	March	12.68				
		1954	April	12.45				
		1955	May	12.91				
		1956	April	13.37				
		1957	April	14.31				
Taxes to be added:		1952		4.16%		4.16%		4.16%
		1953		4.16%		4.16%		4.16%
		1954		4.16%		4.16%		4.16%
		1955		4.16%		4.16%		4.16%
		1956		4.16%		4.16%		5.3 %
		1957		4.16%		4.16%		5.3 %

<sup>1)</sup> See notes overleaf.

**in the Community**

main coalfields of the Community <sup>1)</sup>

(in dollars per metric ton, exclusive of taxes)

Belgium		Nord/P.d.C.		Lorraine		Saar	
month	price	month	price	month	price	month	price
		May	18-66	May	20-14	May	20-14
		March	18-80	March	20-29	March	20-29
		April	18-80	April	20-00	April	19-71
		May	18-09	May	19-57	May	19-43
		April	18-09	April	19-57	April	20-14
		April	20-23	April	21-00	April	20-86
June	27-14	May	26-06				
March	27-60	March	26-57				
April	27-60	April	26-86				
June	30-00	May	27-83				
April	30-00	April	27-83				
April	33-60	April	27-83				
June	27-14	May	26-06				
March	27-60	March	26-57				
April	27-60	April	26-86				
June	30-00	May	27-26				
April	30-00	April	27-26				
April	33-60	April	27-26				
June	17-22	May	19-66				
March	16-40	March	18-69				
April	16-40	April	19-69				
June	15-70	May	18-00				
April	15-70	April	18-00				
April	19-40	April	19-14				
June	14-32	May	13-89	May	12-51	May	13-26
March	14-20	March	14-40	March	12-63	March	13-54
April	14-06	April	14-26	April	13-00	April	13-97
June	13-82	May	13-71	May	13-66	May	13-83
April	13-82	April	13-70	April	12-66	April	14-00
April	17-30	April	14-67	April	14-00	April	14-86
June	18-22	May	17-43	May	17-71	May	18-29
March	17-20	March	17-83	March	17-83	March	16-97
April	17-20	April	17-69	April	17-83	April	18-86
May	16-26	May	17-69	May	17-83	May	19-11
April	16-26	April	17-69	April	17-83	April	18-86
April	18-90	April	18-66	April	17-83	April	19-14
	4-50%		7-93%		7-93%		9-11%
	4-50%		7-93%		7-93%		9-11%
	4-50%		7-93%		7-93%		9-11%
	4-50%		7-93%		7-93%		9-11%
	5-0 %		9-29%		9-29%		11-11%
	5-0 %		11-11%		11-11%		11-11%

## Notes to Table No. 38

The 1952 prices are prices for sales in the home market. Export prices, even those for exports to other Community countries (which were not then part of the Common Market), were for the most part much higher. This system of dual pricing was abolished when the Common Market was introduced.

The prices of the Ruhr and Aachen coalfields were, before the introduction of the Common Market, for delivery "f.o.t. Ruhr basing point". The change in the method of quoting to "f.o.t. at colliery" reduced the delivered price for the customers located nearer to the colliery than to the basing point. This was, for instance, the case for the majority of the customers of the Aachen coalfield.

The types listed in col. 1 of the accompanying table correspond to the following schedule descriptions in the different coalfields:

*Anthracite*

Anthrazitkohlen (Ruhr), 7—10% volatile matter;  
 Anthrazitkohlen (Aachen), < 10% volatile matter;  
 Anthraciet, 1st group (Netherlands), 7—9% V. M. or < 10% V. M.;  
 Maigres (Belgium), < 10% V. M.;  
 Maigres or anthracites (Nord/Pas-de-Calais), < 10% V. M.

*Low-volatile*

Magerkohlen (Ruhr and Aachen), 10—14% V. M.;  
 Anthraciet (Netherlands), 9—12% V. M.;  
 1/4 gras (Belgium), 10—12.5% V. M.;  
 1/4 gras (Nord/Pas-de-Calais), 10—14% V. M.;

*Semi-bituminous*

Esskohlen (Ruhr), 14—19% V. M.;  
 3/4 Fettkohlen (Aachen), 16—19% V. M.;  
 3/4 vet-rookzwakkekolen (Netherlands), 15—20% V. M.;  
 3/4 gras (Belgium), 16—20% V. M.;  
 Demi-gras (Nord/Pas-de-Calais), 14—18% V. M.

*Bituminous*

Fettkohlen (Ruhr), 19—28% V. M.;  
 Fettkohlen (Aachen), > 19% V. M.;  
 Vetkolen (Netherlands), 20—25% V. M.;  
 Gras A (Belgium), 20—28% V. M.;  
 Gras and 3/4 gras (Nord/Pas-de-Calais), > 18% V. M.;  
 Gras (Lorraine), 36—39% V. M.;  
 Gras (Saar), 33—40% V. M.

*High-volatile bituminous*

Gas- und Gasflammkohle (Ruhr), 28—40% V. M.;  
 Gras B (Belgium), > 28.5% V. M.;  
 Flénus (Nord/Pas-de-Calais), > 30% V. M.;  
 Flambants secs (Lorraine and Saar), 40—42% V. M.



TABLE No. 39

**Comparative movement of coal prices in the different coalfields  
of the Community**

*(based on Ruhr prices = 100)*

	May 1952 <sup>1)</sup>	March 1956	April 1956	April 1957
<i>Aachen</i>				
Large coke	100	112	111	107
Anthracite	100	112	112	114
Low-volatile	100	114	113	113
Semi-bituminous	—	104	103	106
Bituminous	100	111	111	111
<i>Netherlands</i>				
Large coke	114	112	115	111
Anthracite	119	126	130	134
Low-volatile	116	117	121	124
Semi-bituminous	111	106	103	115
Bituminous	115	108	104	109
<i>Saar</i>				
Large coke	144	130	128	118
Bituminous	122	112	112	111
High-volatile bituminous	162	146	141	134
<i>Belgium</i>				
Anthracite	141	133	130	140
Low-volatile	167	156	153	163
Semi-bituminous	148	115	111	128
Bituminous	132	115	111	129
High-volatile bituminous	161	126	122	132
<i>Nord/Pas-de-Calais</i>				
Large coke	134	122	116	115
Anthracite	136	123	120	116
Low-volatile	161	142	138	132
Semi-bituminous	169	131	127	127
Bituminous	128	114	110	109
High-volatile bituminous	154	137	133	130
<i>Lorraine</i>				
Large coke	144	132	125	119
Bituminous	115	105	102	105
High-volatile bituminous	165	138	134	125

<sup>1)</sup> May 1953 in the Netherlands.

TABLE No. 40

## Price of U.S. Coal

*(dollar per metric ton)*

	Price f.o.b. U.S.A. port	Average freight Hampton- Roads-Rotterdam	Price c.i.f.
<i>1953</i>			
March	10·38	4·90	15·28
June	10·38	4·38	14·76
September	9·55	3·97	13·52
December	9·55	4·18	13·73
<i>1954</i>			
March	8·57	4·74	13·31
June	8·57	4·64	13·21
September	9·06	5·20	14·26
December	9·06	6·99	16·05
<i>1955</i>			
March	9·84	6·93	16·77
June	9·84	8·26	18·10
September	11·27	9·24	20·51
December	11·27	9·45	20·72
<i>1956</i>			
March	11·51	10·25	21·76
June	11·51	10·15	21·66
September	11·51	10·07	21·58
December	11·76	15·29	27·05
<i>1957</i>			
March	11·76	11·06	22·82

TABLE No. 41

## Personnel employed in the industries of the Community

('000)

	End of 1955				End of 1956			
	Workers	Apprentices	Salaried employees	Total	Workers	Apprentice	Salaried employees	Total
<i>Collieries</i>								
Germany (Fed. Rep.)	429.6	50.3	42.4	522.3	442.8	47.9	44.2	534.9
Saar	52.1	5.5	5.8	63.4	52.3	5.1	6.2	63.6
Belgium	140.5	2.2	14.8	157.6	133.3	1.9	14.7	149.9
France	208.6	8.4	26.8	243.8	206.4	7.2	26.7	240.3
Italy	6.5	—	0.7	7.2	6.0	—	0.7	6.7
Netherlands	50.1	4.4	6.4	60.8	50.4	4.4	6.5	61.3
<i>Community:</i>	<i>887.4</i>	<i>70.8</i>	<i>96.9</i>	<i>1 055.1</i>	<i>891.2</i>	<i>66.5</i>	<i>99.0</i>	<i>1 056.7</i>
<i>Iron and steel industry</i>								
Germany (Fed. Rep.)	152.3	6.5	19.5	178.5	158.4	5.6	21.4	185.4
Saar	26.1	0.9	3.9	30.9	26.9	0.9	4.0	31.8
Belgium	49.4	—	6.8	56.2	52.2	—	7.2	59.4
France	122.4	2.4	22.5	147.3	125.9	2.3	23.4	151.6
Italy	53.3	0.1	6.9	60.3	55.3	0.2	7.3	62.8
Luxembourg	17.5	0.3	1.9	19.7	18.3	0.3	2.0	20.6
Netherlands	7.0	0.2	2.7	9.9	7.3	0.2	3.0	10.5
<i>Community:</i>	<i>428.2</i>	<i>10.4</i>	<i>64.2</i>	<i>502.8</i>	<i>444.3</i>	<i>9.5</i>	<i>68.3</i>	<i>522.1</i>
<i>Iron-ore mines</i>								
Germany (Fed. Rep.)	18.8	1.0	2.1	21.9	19.9	0.9	2.2	22.9
Belgium	0.0	—	0.0	0.0	0.0	—	0.0	0.0
France	24.7	1.2	2.9	28.8	24.4	1.0	2.9	28.3
Italy	4.0	0.0	0.3	4.3	3.8	0.0	0.3	4.1
Luxembourg	2.5	0.0	0.2	2.7	2.4	—	0.2	2.6
<i>Community:</i>	<i>50.0</i>	<i>2.2</i>	<i>5.5</i>	<i>57.7</i>	<i>50.4</i>	<i>1.9</i>	<i>5.6</i>	<i>57.9</i>
<b>Grand Total:</b>	<b>1 365.6</b>	<b>83.4</b>	<b>166.6</b>	<b>1 615.6</b>	<b>1 385.9</b>	<b>77.9</b>	<b>172.9</b>	<b>1 636.7</b>

TABLE No. 42  
Number of underground workers on the collieries books

	Germany (Fed. Rep.)				Saar	Belgium <sup>3)</sup>			France				Italy	Nether-lands Limburg	Communi-ty	
	Ruhr	Aachen	Lower Saxony	Total		Campine	Southern	Total	Nord/ P. de C.	Lorraine	Centre- Midi	Other mines				Total
1952 <sup>1)</sup>	293.6	20.7	7.8	322.1	38.4	30.7	88.7	119.4	98.2	23.8	41.9	2.1	165.9	7.9	29.6	683.3
1953 <sup>1)</sup>	305.4	21.6	8.0	335.1	38.1	30.0	87.0	117.0	93.1	23.6	39.6	1.8	158.2	7.6	29.9	685.9
1954 <sup>1)</sup>	301.4	21.9	8.1	331.4	37.7	26.6	77.2	103.7	89.0	23.7	37.2	1.6	151.5	6.9	30.6	661.8
1955 <sup>1)</sup>	299.4	21.3	8.0	328.8	37.2	26.4	75.6	101.9	84.8	23.5	34.8	1.4	144.5	5.7	30.6	648.7
1st qtr. <sup>2)</sup>	304.0	21.8	8.1	333.9	37.4	26.0	74.8	100.8	86.7	23.6	35.6	1.6	147.5	6.1	31.0	656.7
2nd qtr. <sup>2)</sup>	299.2	21.3	8.0	328.5	37.0	26.0	74.9	100.9	85.1	23.6	34.7	1.4	144.9	5.6	30.8	647.7
3rd qtr. <sup>2)</sup>	294.8	20.9	7.9	323.6	37.1	26.6	75.8	102.3	82.9	23.4	34.1	1.2	141.7	5.4	30.2	640.3
4th qtr. <sup>2)</sup>	300.2	21.0	8.0	329.2	37.0	27.6	79.3	106.8	83.4	23.7	33.8	1.2	142.1	5.3	30.4	650.8
1956 <sup>1)</sup>	303.9	21.7	7.9	333.6	36.9	27.0	75.1	102.1	81.8	24.0	33.3	1.2	140.2	5.0	30.7	648.5
1st qtr. <sup>2)</sup>	306.1	21.7	8.0	335.8	36.9	27.4	78.4	105.0	83.2	23.9	33.6	1.2	141.9	5.2	30.8	656.4
2nd qtr. <sup>2)</sup>	302.6	21.6	7.8	332.0	36.6	26.7	74.9	101.5	81.0	24.1	33.0	1.1	139.2	4.9	30.9	645.1
3rd qtr. <sup>2)</sup>	302.9	22.0	7.7	332.6	36.9	26.3	69.6	95.8	79.7	23.9	32.9	1.1	137.6	4.9	30.6	638.4
4th qtr. <sup>2)</sup>	308.2	22.4	7.8	338.4	36.9	27.1	72.6	99.7	81.6	24.5	33.4	1.2	140.7	4.6	30.8	650.8

<sup>1)</sup> Monthly average

<sup>2)</sup> At end of period

<sup>3)</sup> In 1952 and 1953 these figures included supervisory personnel (in 1954: Campine 2.3, Southern Belgium 5.6, total 7.9).

TABLE No. 43

**Raw-material requirements of the Community  
iron and steel industry**  
(including independent steel foundries)

(tonnages)

Product	Unit	1955 actual	1960		1965		1975 average trend
			average trend	upper limit	average trend	upper limit	
1. CRUDE STEEL Production Consumption	'000,000 m. t.	52.6 44.7	67.0 58.0	73.5 63.5	78.5 69.5	86.0 76.0	105.0 96.0
<b>SCRAP</b> <i>Resources of iron and steel industry</i>							
2. New-production scrap	'000,000 m. t.	11.0	14.1	15.4	16.5	18.1	22.1
3. Process and salvage scrap of the steelworks	"	1.9	2.3	2.5	2.8	3.0	3.8
4. Prompt industrial scrap	"	5.8	7.5	8.3	8.7	9.5	11.5
5. Salvage scrap	"	4.3	4.5	4.5	4.5	4.5	6
6. Net imports from third countries	"	2.9	1.5 <sup>1)</sup>	1.5 <sup>1)</sup>	1.5	1.5	1.0
7. <b>Total:</b> <i>Consumption by iron and steel industry</i>		<b>25.9</b>	<b>29.9</b>	<b>32.2</b>	<b>34.0</b>	<b>36.6</b>	<b>44.8</b>
8. In the blast-furnaces	"	4.0	4.5	4.9	5.0	5.5	6.7
9. In the steelworks	"	20.8	25.5	27.3	29.0	31.1	37.7
10. <b>Total:</b>		<b>24.8</b>	<b>29.9</b>	<b>32.2</b>	<b>34.0</b>	<b>36.6</b>	<b>44.4</b>
11. <i>Stock changes</i>	"	+1.1	—	—	—	—	—
<b>PIC-IRON</b>							
12. Pig-iron + scrap for steelmaking	'000,000 m. t.	58.1	73.7	80.9	86.4	94.6	115.5
13. Pig-iron for steelmaking	"	37.3	48.3	53.6	57.4	63.5	77.8
14. Pig-iron for castings	"	3.6	4.1	4.3	4.5	4.8	5.4
15. <b>Total:</b>		<b>40.9</b>	<b>52.4</b>	<b>57.9</b>	<b>61.9</b>	<b>68.3</b>	<b>83.2</b>
<b>IRON ORE</b>							
16. Iron for making pig-iron	'000,000 Fe content	42.1 <sup>2)</sup>	53.9	59.6	63.7	70.3	85.6
17. — Scrap	"	3.6	4.0	4.4	4.4	4.9	5.9
18. — Calcined pyrites	"	2.2	2.1	2.1	2.0	2.0	2.0
19. — Circulating scrap	"	4.7	6.0	6.6	7.1	7.8	9.5
20. — Iron ore	"	31.6	41.8	46.5	50.2	55.6	68.2
21. — Iron ore for steel- works	"	0.4	0.5	0.5	0.6	0.6	0.8
22. <b>Total:</b>		<b>32.0</b>	<b>42.3</b>	<b>47.0</b>	<b>50.8</b>	<b>56.2</b>	<b>69.0</b>
<b>COKE</b>							
23. Coke for blast-furnaces (and other pig-iron furn.)	'000,000 m. t.	39.8	47.7	52.7	55.1	60.8	70.7

1) See Notes III.

2) On basis of pig-iron production: 41m. m.t.

TABLE No. 44

**Raw-material requirements of the Community iron and steel industry**

(including independent steel foundries)

(relations)

Product	Ratio	1955 actual	1960		1965		1975 ave- rage trend
			ave- rage trend	upper limit	ave- rage trend	upper limit	
1. CRUDE STEEL Production (Pr.) Consumption (Cn.)	Increase	100 100	127 130	140 142	149 155	164 170	200 215
<b>SCRAP</b>							
<i>Resources of iron and steel industry</i>							
2. New-production scrap	% Pr.S.	211 <sup>1)</sup>	210	210	210	210	210
3. Process and salvage scrap of the steelworks	% Cn.S.	44 <sup>1)</sup>	40	40	40	40	40
4. Prompt industrial scrap	% Cn.S.	135 <sup>1)</sup>	130	130	125	125	120
5. Salvage scrap	% Pr.S.	(82)	(67)	(61)	(57)	(52)	(57)
6. Net imports from third countries	% Pr.S.	(55)	(22) <sup>2)</sup>	(20) <sup>2)</sup>	(19)	(17)	(10)
7. <b>Total:</b> <i>Consumption by iron and steel industry</i>	% Pr.S.	<b>492</b>	<b>447</b>	<b>439</b>	<b>433</b>	<b>426</b>	<b>423</b>
8. In the blast-furnaces	% Pr.I.	98	85	85	80	80	80
9. In the steelworks	% Pr.S.	396	380	371	369	362	359
10. <b>Total:</b>	% Pr.S.	<b>472</b>	<b>447</b>	<b>439</b>	<b>433</b>	<b>426</b>	<b>423</b>
11. <i>Stocks changes</i>		—	—	—	—	—	—
<b>PIG-IRON</b>							
12. Pig-iron + scrap for steelmaking	% Pr.S.	1 104	1 100	1 100	1 100	1 100	1 100
13. Pig-iron for steelmaking	% Pr.S.	709	720	729	731	738	741
14. Pig-iron for castings	Increase	100	114	120	125	132	150
15. <b>Total:</b>	% Pr.S.	<b>780</b>	<b>782</b>	<b>788</b>	<b>788</b>	<b>794</b>	<b>792</b>
<b>IRON ORE</b>							
16. Iron for making pig-iron	% Pr.I.	1 027	1 029	1 029	1 029	1 029	1 029
17. — Scrap	% Pr.I.	88	76	76	72	72	72
18. — Calcined pyrites	% Pr.I.	54	40	36	32	29	24
19. — Circulating scrap	% Pr.I.	114	114	114	114	114	114
20. — Iron ore	% Pr.I.	771	798	803	811	814	820
21. — Iron ore for steel- works	% Pr.S.	7	7	7	7	7	7
22. <b>Total:</b>	% Pr.S.	<b>609</b>	<b>631</b>	<b>639</b>	<b>647</b>	<b>653</b>	<b>657</b>
<b>COKE</b>							
23. Coke for blast-furnaces (and other pig-iron furnaces)	% Pr.I.	970	910	910	890	890	850

1) Average 1954—55.

2) See Notes, III.

N.B. The slight differences observable between totals and their components are due to rounding-off.

**Notes to Tables 43 and 44***Raw-material requirements of the iron and steel industry up to  
1960, 1965 and 1975*

## Method of calculation used in Chapter XII

## I. The method of calculation adopted was as follows:

Scrap consumed in the blast-furnaces was subtracted from total scrap availabilities. Open-hearth pig-iron requirements were then calculated by subtracting the remainder (scrap available for the steelworks) from the total tonnage of "pig-iron + scrap" for steel-making. Total pig-iron requirements were obtained by adding foundry pig-iron requirements.

To obtain the amount of iron to be obtained from ore, the proportion derived from blast-furnace scrap, calcined pyrites and circulating scrap were subtracted from the total amount of iron needed to make pig-iron. Addition of ore required to make up for oxidation at the steelworks gave total iron-ore requirements<sup>1)</sup>.

Pig-iron production multiplied by the coke input ratio gave the amount of coke required for that production. In the General Objectives calculations, the other coke requirements of the iron and steel industry (sintering, etc.) were included under "industry".

## II. The two accompanying tables are to be read together.

The coefficients of lines 2, 3, 4, 8, 12, 14, 16, 19, 21 and 23 in Table No. 44 are the basis for the calculation of the tonnages shown in Table 43. The other coefficients have been computed subsequently from the tonnages listed in Table No. 43.

III. As regards 1960, two hypotheses have been adopted on scrap imports, *viz.* 1,500,000 and 2,000,000 metric tons. For the sake of simplicity, the figures shown are based on the first hypothesis; the variations produced by the second are given in the footnotes to Chapter XII, Nos. 312 ff.

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<sup>1)</sup> In order to simplify the calculation on the meeting of requirements, the reader may prefer to add to these Community requirements the tonnages exported to third countries.

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TABLE No. 45

**Investment projects declared by sectors  
of Community industries.  
September 1, 1955 — March 31, 1957**

Sector	Number of projects	Amount of Investment ('000,000 dollars)
Collieries, including independent coking-plants and hard-coal briquetting works	87	358.27
Plants producing B.K.B. and low-temperature brown coal coke	—	—
Iron ore-mines	7	10.16
Iron and steel industry	215	891.76
<b>Total:</b>	<b>309</b>	<b>1 260.19</b>

TABLE No. 46

**Preliminary results of 1957 survey of investments**  
Provisional figures (partly based on estimates)

*('000,000 dollar units of account)*

Sector	Expenditure shown, or to be shown, on balance sheets as fixed assets.							
	Actual expenditure					Estimated expenditure as indicated by capital schemes started, approved or planned at the beginning of 1957; for the iron and steel industry, schemes started or approved, but not those merely planned.		1957—1960 and after <sup>2)</sup>
	1952	1953	1954	1955	1956	1957 <sup>1)</sup>	1958 <sup>1)</sup>	
Iron and steel industry	545	542	454	542	587	824	570	1 830
Coalmining industry	495	454	445	406	420	610	601	2 640
Brown coal (briquetting plants)	9	7	5	8	5	4	3	10
Iron-ore mines	28	28	30	31	49	64	48	189
<b>Community:</b>	<b>1 077</b>	<b>1 031</b>	<b>934</b>	<b>987</b>	<b>1 061</b>	<b>1 502</b>	<b>1 222</b>	<b>4 669</b>

<sup>1)</sup> The short-term forecasts (1957 for the iron and steel industry and 1957—58 for the coalmining industry) are always somewhat inflated, whereas in subsequent years capital schemes may be started which at the beginning of 1957 had not yet been planned.

<sup>2)</sup> *I.e.* the total volume of estimated expenditure after January 1, 1957, on capital schemes started, approved or planned by the beginning of 1957 (exclusive of schemes in the planning stage in the iron and steel industry). To enable a comparison to be made of expenditure commitments of the iron and steel industry with those of the coalmining industry, it should be noted that investments in the planning stage in the former industry amounted to 1,100m. dollars.



*TABLE No. 47*  
**Investments in the iron and steel industry**  
 (based on 1957 survey)  
 Provisional figures (partly based on estimates)

('000,000 dollar units of account)

Type of plant	Expenditure shown, or to be shown, on balance-sheets as fixed assets							
	Actual expenditure					Estimated expenditure on schemes started or approved at the begin- ning of 1957		
	1952	1953	1954	1955	1956	1957 <sup>1)</sup>	1958 <sup>2)</sup>	1957 to 1960 and after <sup>1)</sup>
<i>For production of pig-iron</i>	83	91	70	87	136	241	191	569
coking-plants	22	22	18	21	21	36	25	80
preparation of charge	5	9	12	24	34	64	55	158
blast-furnaces	56	60	40	42	81	141	111	331
<i>For production of steel</i>	91	82	44	71	109	141	89	293
basic Bessemer works	.	.	14	18.5	23	45	45	110
I. D. and Rotor works	.	.	—	00.5	9	22	12	45
open-hearth works	.	.	20	32	57	50	20	94
electric-furnace and acid Bessemer works	.	.	10	20	20	24	12	44
<i>For production of rolled products</i>	282	266	265	305	241	288	178	604
rolling-mills, galva- nizing and tinplating plant, etc.								
<i>General services</i>	89	103	75	79	101	154	112	364
production plant and distribution systems for electricity, air, water, oxygen, etc.	44	47	43	.	.	.	.	.
miscellaneous	45	56	32	.	.	.	.	.
<b>Total iron and steel industry:</b>	<b>545</b>	<b>542</b>	<b>454</b>	<b>542</b>	<b>587</b>	<b>824</b>	<b>570</b>	<b>1 830</b>

<sup>1)</sup> I.e. the total volume of estimated expenditure after January 1, 1957, on capital schemes started or approved by the beginning of 1957.

<sup>2)</sup> The current year's estimates are always somewhat inflated, whereas in 1958 capital schemes may be started which at the beginning of 1957 had not yet been approved.

TABLE No. 48

**Investments in the iron and steel industry**  
(based on 1957 survey)

Provisional figures (partly based on estimates)

(in per cent. of total)

Type of plant	Expenditure shown, or to be shown, on balance-sheets as fixed assets							
	Actual expenditure					Estimated expenditure on schemes started or approved at the begin- ning of 1957		
	1952	1953	1954	1955	1956	1957 <sup>1)</sup>	1958 <sup>2)</sup>	1957 to 1960 and after <sup>1)</sup>
<i>For production of pig-iron</i>	15.2	16.8	15.4	16.1	23.2	29.2	33.6	31.1
coking-plants	4	4.1	4.0	3.8	3.7	4.3	4.3	4.4
preparation of charge	1.0	1.6	2.5	4.4	5.7	7.7	9.7	8.6
blast-furnaces	10.2	11.1	8.9	7.9	13.8	17.2	19.5	18.1
<i>For production of steel</i>	16.7	15.1	9.7	13.0	18.6	17.1	15.6	16.0
basic Bessemer works	.	.	3.1	3.4	3.9	5.5	7.9	6.0
I. D. and Rotor works	.	.	—	0.0	1.5	2.6	2.1	2.5
open-hearth works	.	.	4.4	5.9	9.6	6.0	3.5	5.1
electric-furnaces and acid Bessemer works	.	.	2.2	3.7	3.5	3.0	2.1	2.4
<i>For production of rolled products</i>	51.7	49.1	58.5	56.3	41.0	35.0	31.2	33.0
rolling-mills, galva- nizing and tinplating plant, etc.								
<i>General services</i>	16.4	19.0	16.4	14.6	17.2	18.7	19.6	19.9
production plant and distribution systems for electricity, air, water, oxygen, etc.	8.2	8.8	9.5	.	.	.	.	.
miscellaneous	8.2	10.2	6.9	.	.	.	.	.
<b>Total iron and steel industry:</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<sup>1)</sup> i. e. the total volume of estimated expenditure after January, 1, 1957, on capital schemes started or approved by the beginning of 1957.

**TABLE No. 49**  
**Breakdown of investments declared**  
**in the iron and steel industry<sup>1)</sup>**

	Number of Projects	Net increase in annual production potential ('000,000 metric tons)	Total investments as estimated in declarations received 1. 9. 55 — 31. 3. 57 ('000,000 dollars)	For comparison Actual expenditure in 1955 <sup>2)</sup>
Coking plants at steelworks	13	2.55 coke	49.43	21
Preparation of charge	22	9.45 sintering	91.89	24
Blast-furnaces	40	7.95 <sup>3)</sup> pig-iron	190.69	42
Basic Bessemer steelworks	12	3.46 <sup>4)</sup> } 7.85 steel	77.39	18.5
L-D. and Rotor steelworks	5	1.84 }	32.21	0.5
Open-hearth steelworks	18	1.34 <sup>4)</sup> }	56.31	32
Electric-furnace and Bessemer acid steelworks	19	1.21 }	32.63	20
Rolling mills (incl. galvanizing and tinplating plants)	62	3.45 <sup>5)</sup> semis 0.57 <sup>5)</sup> sections 0.93 <sup>5)</sup> flats	262.14	305
Power-stations	11	112 MW	29.91	79
Miscellaneous	13	—	69.16	
<b>Total:</b>	<b>215</b>	<b>—</b>	<b>891.76</b>	<b>542</b>

<sup>1)</sup> Based on declarations received between September 1, 1955 and March 31, 1957.

<sup>2)</sup> Capital expenditure for 1955 is given to enable the reader to compare the share of each type of plant (preparation of charge, blast-furnaces, etc.) in actual expenditure for 1955 and in projects declared during the nineteen months up to and including March 1957.

<sup>3)</sup> Including 810,000 metric tons from sintering and 1,150,000 metric tons represented by schemes for the development of basic Bessemer steelworks which were declared without reference to pig-iron supplies.

<sup>4)</sup> Including 773,000 metric tons of basic Bessemer steel and 130,000 metric tons of open-hearth steel represented not by further investments in steelworks but by projects declared for the expansion of pig-iron production.

<sup>5)</sup> These figures cover only increases in the capacity of the rolling-mills proper, i.e. the mill-stands, but not the ancillary installations such as roughing and finishing stands, as these are generally extended parallel with increases in the rate of utilization of the rolling-mills.

TABLE No. 50

**Development of maximum production potential**

(based on 1957 survey)

Provisional figures (partly based on estimates)

## I. IRON AND STEEL INDUSTRY

('000,000 metric tons per annum)

Past production figures			Past production potential		Estimated development of production potential as indicated by schemes started or approved by the beginning of 1957			
1952	1956		1955	1956	1957	1958	1959	1960
14.6	18.2	Sintering	17.0	20.0	22.0	27.0	35.0	40.0
34.8	43.6	Pig-iron	42.5	45.5	47.5	51.0	55.0	58.0
41.9	56.8	Steel	55.0	58.5	63.5	68.5	72.5	75.0
29.2 <sup>1)</sup>	39.6 <sup>1)</sup>	Finished rolled products	38.5	41.0	46.5	49.5	51.5	53.0

## II. IRON-ORE MINES

Past output figures			Past output potential		Estimated development of output potential as indicated by schemes started, approved or planned by the beginning of 1957			
1952	1956		1955	1956	1957	1958	1959	1960
65.3	80.7	Extraction of crude ore	80.0	85.0	92.0	98.5	102.0	105.5

<sup>1)</sup> The data used here do not fully correspond to the production statistics given in Tables Nos.14 and 15

TABLE No. 51

**Long-term development of Community iron and  
steel production and iron-ore supplies**

Community (present area)	1913	1929	1952	1955	1960 General Objectives (upper limit)
Steel production ( <sup>1</sup> 000,000 metric tons)	25.6 <sup>2</sup> )	35.6	41.9	52.6	73.5
Pig-iron production ( <sup>1</sup> 000,000 metric tons)	24.9	32.4	34.8	41.0	57.9
<i>Ratio pig-iron/steel</i> (Kilograms per m. ton)	974	910	831	780	788
Extraction of ore ( <sup>1</sup> 000,000 metric tons of ore)	58.1 <sup>1</sup> )	65.2 <sup>1</sup> )	65.3	76.1	104
Imports of ore ( <sup>1</sup> 000,000 metric tons of ore)	11.3 <sup>1</sup> )	15.5 <sup>1</sup> )	13.8	18.5	32
Output of ore ( <sup>1</sup> 000,000 metric tons Fe content)	18.0 <sup>1</sup> )	20.4 <sup>1</sup> )	19.0	22.3	30
Imports of ore ( <sup>1</sup> 000,000 metric tons Fe content)	6.2 <sup>1</sup> )	8.5 <sup>1</sup> )	7.6	10.4	17.5
<i>Ratio production/imports %</i>	74/26	71/29	71/29	68/32	63/37
Index of increase:					
Steel production	100	139	164	205	287
Pig-iron production	100	130	140	165	233
Iron-ore output <sup>3</sup> )	100	113	106	124	167

<sup>1</sup>) Including the eastern areas of the Germany of that time; production there was very low: 500,000 metric tons in 1913 and 200,000 in 1929, with 120,000 and 75,000 metric tons Fe content respectively.

<sup>2</sup>) Including 1m. metric tons of puddled iron, production of which was negligible from 1929 onwards.

<sup>3</sup>) based on Fe content; as the average Fe content has fallen from about 31% in 1913 and 1929 to 29% to-day, the increase in crude-ore tonnage would be somewhat greater.

TABLE No. 52

**Investments in the coalmining industry**  
(based on 1957 survey)

Provisional results (partly based on estimates)

(*'000,000 dollar units of account*)

	Actual expenditure					Estimated expenditure as indicated by schemes started, approved or planned by the beginning of 1957		
	1952	1953	1954	1955	1956	1957 <sup>3)</sup>	1958 <sup>3)</sup>	1959 <sup>3)</sup>
Pits <sup>1)</sup>	261	241	242	256	249	362	334	285
Coking-plants, mine-owned	75	78	68	52	53	75	87	52
Coking-plants, non-mine-owned	22	24	19	12	11	14	11	6
Briquetting-works	3	4	4	7	4	9	7	7
Pit-head power-stations and other power-generating plant	134	107	112	79	103	151	162	127
power-generating plant included above <sup>2)</sup>	.	.	(23)	(17)	(13)	(21)	(16)	(12)
<b>Total:</b>	<b>495</b>	<b>454</b>	<b>445</b>	<b>406</b>	<b>420</b>	<b>610</b>	<b>601</b>	<b>477</b>
Plant producing B.K.B. and low-temperature brown-coal coke	8.8	6.8	5.3	8.1	4.7	3.5	2.9	.

<sup>1)</sup> Shafts, winding equipment, screening and washing plant.

<sup>2)</sup> The "other power-generating plant" referred to consists of small power-stations with a maximum power-rating of below 25,000 kW; these normally supply more than 50% of their output to the pit or pits to which they belong.

<sup>3)</sup> The short-term forecasts (1957—58) are always somewhat inflated, whereas after 1956 capital schemes may be started which at the beginning of 1957 had not yet been planned.

TABLE No. 53

**Breakdown of investments declared in the coalmining industry<sup>1)</sup>**

	Number of projects	Net increase in annual production potential ( <sup>0</sup> 000,000 metric tons)	Total investments as estimated in declarations received 1.9.55-31.3.57 ( <sup>0</sup> 000,000 dollars)	For comparison Actual expenditure in 1955 <sup>2)</sup>
Pits	37	5.17	109.60	256
Coking-plants, mine-owned	20	4.44	81.72	52
Coking-plants, non-mine-owned	9	0.44	8.58	12
Pit-head power- stations	20	1.19 <sup>3)</sup>	157.74	79
Briquetting works	1	—	0.63	7
<b>Total:</b>	<b>87</b>		<b>358.27</b>	<b>406</b>

<sup>1)</sup> Including non-mine-owned coking-plants and briquetting-works.

<sup>2)</sup> Capital expenditure for 1955 is given to enable the reader to compare the share of each type of plant (collieries, coking plant, power-stations, etc.) in actual expenditure 1955 and in projects declared during the nineteen months up to and including March 1957.

<sup>3)</sup> Increase in maximum power-rating in <sup>0</sup>000,000 kW. On the basis of 5,000 load hours per annum this represents an increase in annual output potential of 6,000m. kWh.

**TABLE No. 54**  
**Development of maximum production potential**  
 (based on 1957 survey)  
 Provisional figures estimated (partly based on estimates)

## I. COALMINING INDUSTRY

Past production figures <sup>2)</sup>			Past production potential		Estimated development of production potential as indicated by schemes started, approved or planned by the beginning of 1957				
1952	1956		1955	1956	1957	1958	1959	1960	1961
238.9	249.1	Pits <sup>1)</sup>	258.3	261.4	260.3	266.6	272.1	278.5	283.1
42.6	50.3	Mine-owned coking-plants (incl. low-temperature coke)	48.0	51.6	53.8	55.8	57.8	59.0	.
4.3	6.1	Non-mine-owned coking-plants	5.4	6.2	6.5	6.9	7.1	7.1	.
16.0	19.0	Coking-plants at steelworks <sup>2)</sup>	18.7	19.6	21.3	22.8	24.6	26.4	.
62.9	75.4	Total Coking-plants	72.1	77.4	81.6	85.5	89.5	92.5	.
15.7	18.5	Hard-coal briquettes <sup>4)</sup>	.	.	.	.	.	.	.
16.7	27.8	Pit-head power-stations and other power generating plant <sup>5)</sup>	24.8	27.8	30.3	34.3	39.4	43.8	45.2

## II. B.K.B. PLANTS

('000,000 metric tons)

Past production figures <sup>2)</sup>			Past production potential		Estimated development of production potential as indicated by schemes started, approved or planned by the beginning of 1957				
1952	1956		1955	1956	1957	1958	1959	1960	1961
16.5	17.0	Brown-coal briquettes (B.K.B.)	16.8	17.4	17.2	17.1	17.1	17.1	.

<sup>1)</sup> Exclusive of the "small German collieries" (approx. 1m. metric tons per annum) which are also not included in the production statistics.

<sup>2)</sup> Capacity figures include a small coking-plant not previously included in production statistics.

<sup>3)</sup> Assuming that the power-stations run for 5000 hours per annum.

<sup>4)</sup> Production-potential figures not yet available.

<sup>5)</sup> The figures given for the coking-plants differ from those in official statistics because low-temperature coke has been included and a different breakdown adopted (mine-owned, non-mine-owned and at steelworks).