

CONTENTS

Part I: Federal Republic of Germany

Overview	Seite
Joint organizations of the steel industry in Germany	1
Key corporate figures for German Steel Federation members	2-3
Index of industrial production	4
Gross domestic product and price indices	5
Workforce, turnover, wages and salaries in comparison with other industries	6
Paid weekly hours, overtime and worker hour earnings in comparison with other industries	7
Overview of the steel industry in Germany	8-9
Use of raw materials, fuel, auxiliary materials and energy	8-9
Number of the blast furnaces and steel works	10
Production and stocks	
Coking plant production	11
Production of pig iron and ferroalloys, by type	12
Crude steel production, by federal state	12
Development of crude steel production, by process	13
Relationship of pig iron production to crude steel production in %	14
Production of alloyed and stainless steel	14
Production and stocks of hot rolled steel products	15
Production of steel pipes and further processed steel products	16
Production of hot rolled steel products, by federal state	17
Stocks and use of fuels and raw materials	
Production of sinter and use of fuels and energy for sinter production	18
Blast furnace by-products	18
Use of raw materials, fuels and energy by coking plants	19
Use of fuels in the steel industry	19
Use of fuels and energy in the steel industry, by production step	20-22
Specific energy use for the production of crude steel and hot rolled steel and specific CO ₂ emissions	23
Use of raw materials for crude steel production	24
Scrap balance in Germany	25
Use of scrap for the production of pig iron and crude steel	26
Stocks of ferriferous materials and fuels at blast furnace and steel plants	27
Production values, sales, prices indices	
Quantity and value of production intended for sales	28
Turnover of the steel industry	29
Price indices of foreign trade products	30
Index of the producers' prices for manufactured products	31

CONTENTS

Employment and wage data

Employees in the steel industry, by works	32-33
Employees in the steel industry, by category, gender, and occupation	34
Worker earnings and working time in the steel industry	35
Total wages and salaries in the steel industry (by works)	35
Working and lost hours	36
Statistics on industrial accidents	36
Industrial accidents in the steel industry in 2007	37

Associated industries

Coal mining	38-39
Iron, steel and malleable foundries	40-41
Deliveries, by market classification	40
Production of cast iron and steel products, by country	41
Iron and steel casting, by product	42

Order inputs, deliveries and sales, stocks

Domestic deliveries of steel, by market	43
Sales of rolled steel products	44-45
Deliveries of rolled steel products, by region	46
Sales of steel pipes, wheels and axles, and pig iron	47
Deliveries, by market	48

Steel traders

Steel trade purchases and deliveries	49
--------------------------------------	----

Share of the traffic

Transport quantities of the steel industry in Germany	50
Share of the seaports and carriers of sea-borne German imports of manganese ores	51
Share of the seaports and carriers of sea-borne German exports of rolled steel products and pig iron, in %	51

Foreign trade

Import and export of raw materials, fuels and products of the steel industry, by type	52-55
Import of coal, iron ore, scrap and pig iron, by country of origin, 2007	56
Export of coal, iron ore, scrap and pig iron, by country of destination, 2007	57
Import (including coating traffic) of rolled steel products, by type and country of origin, 2007	
Quantity in 1000 tonnes	58-59
Value in million euro	60-61
Export (including coating traffic) of rolled steel products, by type and country of destination, 2007	
Quantity in 1000 tonnes	62-65
Value in million euro	66-69
Trade balance, by product group and industry	70-71
Trade balance, by country and region	72-73

CONTENTS

Part II: The European Union

A. Overview EU, all member states

Number of blast furnaces, blast furnace works capacities and utilisation	75
Development of pig iron production, EU nations from 1870 to 1974	76
Development of crude steel production, EU nations from 1870 to 1974	77
Development of pig iron production, EU nations from 1975 to 2007	78
Number of blast furnaces and production of pig iron of EU accession nations, 1994	79
Number of the steel works	80-81
Development of crude steel production, EU-15, 1975 to 2007	82
Development of crude steel production of EU accession nations, 1994 to 2007	83
Crude steel production, by process	84-85
Continuous-cast steel production	86
Steel work capacity and utilisation	87
Production of hot rolled steel products, by type and country (EU-15)	88-91
Products manufactured from hot rolled steels, by type and country	92-93
Production of hot rolled steel products by the EU accession nations	94
EU-27 nations: imports and exports, by products and region, 2007	95
EU-27: imports of raw materials and steel products from third countries	96
EU-27: exports of raw materials and steel products to third countries	97
EU-27: imports of rolled steel products, by country and region	98
EU-27: exports of rolled steel products, by country and region	99
EU-27: internal EU trading of raw materials and steel products	100
Crude steel market supply in the EU	101-102
Employees in the steel industry	103

B. Overview EU, by country

Belgium

Charge materials and steel production	104
Deliveries of rolled steel products, by region	105
Imports and exports of raw materials and steel products, by type	106
Imports of iron ore, scrap, pig iron and rolled steel products, by country	107-110
Exports of iron ore, scrap, pig iron and rolled steel products, by country	111-114

Bulgaria

Charge materials and steel production	115
Imports of iron ore, scrap, pig iron and rolled steel products, by country	116-117
Exports of scrap, pig iron and rolled steel products, by country	118-119

Denmark

Charge materials and steel production	120
Imports of iron ore, scrap, pig iron and rolled steel products, by country	121-123
Exports of iron ore, scrap, pig iron and rolled steel products, by country	124-125

Estonia

Imports of iron ore, scrap, pig iron and rolled steel products, by country	126-127
Exports of iron ore, scrap, pig iron and rolled steel products, by country	128

Finland

Charge materials and steel production	129
Imports and exports of raw materials and steel products, by type	130
Imports of iron ore, scrap, pig iron and rolled steel products, by country	131-133
Exports of iron ore, scrap, pig iron and rolled steel products, by country	134-135

CONTENTS

France

Charge materials and steel production	136
Deliveries of rolled steel products, by region	137
Imports and exports of raw materials and steel products, by type	138
Imports of iron ore, scrap, pig iron and rolled steel products, by country	139-142
Exports of iron ore, scrap, pig iron and rolled steel products, by country	143-146

Greece

Imports of iron ore, scrap, pig iron and rolled steel products, by country	147-149
Exports of iron ore, scrap, pig iron and rolled steel products, by country	150-151

Ireland

Imports of iron ore, scrap, pig iron and rolled steel products, by country	152-153
Exports of iron ore, scrap, pig iron and rolled steel products, by country	154

Italy

Charge materials and steel production	155
Deliveries of rolled steel products, by region	156
Imports and exports of raw materials and steel products, by type	157
Imports of iron ore, scrap, pig iron and rolled steel products, by country	158-162
Exports of iron ore, scrap, pig iron and rolled steel products, by country	163-166

Latvia

Imports of iron ore, scrap, pig iron and rolled steel products, by country	167-168
Exports of iron ore, scrap, pig iron and rolled steel products, by country	169

Lithuania

Imports of iron ore, scrap, pig iron and rolled steel products, by country	170-171
Exports of iron ore, scrap, pig iron and rolled steel products, by country	172

Luxembourg

Charge materials and steel production	173
Deliveries of rolled steel products, by region	174
Imports and exports of raw materials and steel products, by type	175
Imports of iron ore, scrap, pig iron and rolled steel products, by country	176-177
Exports of iron ore, scrap, pig iron and rolled steel products, by country	178-180

Malta

Imports of iron ore, scrap, pig iron and rolled steel products, by country	181
--	-----

Netherlands

Charge materials and steel production	182
Deliveries of rolled steel products, by region	183
Imports and exports of raw materials and steel products, by type	184
Imports of iron ore, scrap, pig iron and rolled steel products, by country	185-188
Exports of iron ore, scrap, pig iron and rolled steel products, by country	189-191

Austria

Charge materials and steel production	192
Deliveries of rolled steel products, by region	193
Imports and exports of raw materials and steel products	194
Imports of iron ore, scrap, pig iron and rolled steel products, by country	195-197
Exports of iron ore, scrap, pig iron and rolled steel products, by country	198-200

Poland

Charge materials and steel production	201
Deliveries of rolled steel products, by region	202
Imports and exports of raw materials, fuel, and steel products	203
Imports of iron ore, scrap, pig iron and rolled steel products, by country	204-206
Exports of iron ore, scrap, pig iron and rolled steel products, by country	207-209

CONTENTS

Portugal	
Charge materials and steel production	210
Deliveries of rolled steel products, by region	211
Imports of iron ore, scrap, pig iron and rolled steel products, by country	212-214
Exports of scrap, pig iron and rolled steel products, by country	215-216
Romania	
Charge materials and steel production	217
Imports of iron ore, scrap, pig iron and rolled steel products, by country	218-219
Exports of scrap, pig iron and rolled steel products, by country	220-221
Sweden	
Charge materials and steel production	222
Import and export of raw materials and steel products	223
Imports of iron ore, scrap, pig iron and rolled steel products, by country	224-226
Exports of iron ore, scrap, pig iron and rolled steel products, by country	227-229
Slovakia	
Charge materials and steel production	230
Deliveries of rolled steel products by regions	231
Imports of scrap, pig iron and rolled steel products, by country	232-233
Exports of scrap, pig iron and rolled steel products, by country	234-236
Slovenia	
Imports of iron ore, scrap, pig iron and rolled steel products, by country	237-238
Exports of iron ore, scrap, pig iron and rolled steel products, by country	239-240
Spain	
Charge materials and steel production	241
Deliveries of rolled steel products by regions	242
Imports and exports of raw materials and steel products, by type	243
Imports of iron ore, scrap, pig iron and rolled steel products, by country	244-247
Exports of iron ore, scrap, pig iron and rolled steel products, by country	248-251
Czech republic	
Charge materials and steel production	252
Deliveries of rolled steel products by regions	253
Imports and exports of raw materials and steel products	254
Imports of iron ore, scrap, pig iron and rolled steel products, by country	255-257
Exports of iron ore, scrap, pig iron and rolled steel products, by country	258-260
Hungary	
Charge materials and steel production	261
Deliveries of rolled steel products by regions	262
Imports and exports of raw materials, fuel and steel products	263
Imports of iron ore, scrap, pig iron and rolled steel products, by country	264-266
Exports of iron ore, scrap, pig iron and rolled steel products, by country	267-268
United kingdom	
Charge materials and steel production	269
Deliveries of rolled steel products by regions	270
Imports and exports of raw materials and steel products, by type	271
Imports of iron ore, scrap, pig iron and rolled steel products, by country	272-275
Exports of iron ore, scrap, pig iron and rolled steel products, by country	276-279
Cyprus	
Import of scrap, pig iron and rolled steel products, by country	280

CONTENTS

Part III: Individual non-EU countries

Egypt

Charge materials and steel production	281
Imports and exports of raw materials and rolled steel products	281

Argentina

Charge materials and steel production	282
Imports of iron ore, scrap, pig iron and rolled steel products, by country	283-284
Exports of scrap, pig iron and rolled steel products, by country	285-286

Australia

Charge materials and steel production	287
Imports of iron ore, scrap, pig iron and rolled steel products, by country	288-289
Exports of iron ore, scrap, pig iron and rolled steel products, by country	290-291

Belarus

Imports of iron ore, scrap, pig iron and rolled steel products, by country	292-293
Exports of scrap, pig iron and rolled steel products, by country	294-295

Brazil

Charge materials and steel production	296
Export of ores, by country	296
Imports of scrap, pig iron and rolled steel products, by country	297-298
Exports of iron ore, scrap, pig iron and rolled steel products, by country	299-301

Chile

Production of raw materials and steel production	302
Import and export of rolled steel products, by country	303
	304

China (People's Republic)

Charge materials and steel production	305
Imports and exports of raw materials, fuel and steel products	306
Imports of iron ore, scrap, pig iron and rolled steel products, by country	307-310
Exports of iron ore, scrap, pig iron and rolled steel products, by country	311-313

Hong Kong

Imports of scrap, pig iron and rolled steel products, by country	314-316
Exports of scrap, pig iron and rolled steel products, by country	317-318

India

Charge materials and steel production	319
Imports of iron ore, scrap, pig iron and rolled steel products, by country	320-322
Exports of iron ore, scrap, pig iron and rolled steel products, by country	323-325

Indonesia

Imports of iron ore, scrap, pig iron and rolled steel products, by country	326-328
Exports of iron ore, scrap, pig iron and rolled steel products, by country	329-330

Iran

Charge materials and steel production	331
Imports and exports of raw materials and rolled steel products	331

CONTENTS

Japan

Charge materials and steel production	332-333
Sales of rolled steel products (without special steel), by market	334
Market supply of special steel	334
Imports and exports of raw materials, fuel and steel products	335
Imports of iron ore, scrap, pig iron and rolled steel products, by country	336-337
Exports of scrap, pig iron and rolled steel products, by country	338-341

Canada

Charge materials and steel production	342
Deliveries of steel products	343
Imports and exports of raw materials, fuels and steel products	344
Imports of iron ore, scrap, pig iron and rolled steel products, by country	345-347
Exports of iron ore, scrap, pig iron and rolled steel products, by country	348-349

Kazakhstan

Imports of iron ore, scrap, pig iron and rolled steel products, by country	350-351
Exports of iron ore, scrap, pig iron and rolled steel products, by country	352-353

Colombia

Charge materials and steel production	354
Import of rolled steel products, by country	355-356
	357

Republic of Korea

Charge materials and steel production	358
Imports of iron ore, scrap, pig iron and rolled steel products, by country	359-361
Exports of iron ore, scrap, pig iron and rolled steel products, by country	362-365

Malaysia

Imports of iron ore, scrap, pig iron and rolled steel products, by country	366-368
Exports of iron ore, scrap, pig iron and rolled steel products, by country	369-370

Mexico

Charge materials and steel production	371
Imports of iron ore, scrap, pig iron and rolled steel products, by country	372-374
Exports of iron ore, scrap, pig iron and rolled steel products, by country	375-376

New Zealand

Charge materials and steel production	377
Imports and exports of raw materials and rolled steel products	377

Norway

Charge materials and steel production	378
Imports of iron ore, scrap, pig iron and rolled steel products, by country	379-380
Exports of iron ore, scrap, pig iron and rolled steel products, by country	381-382

Peru

Production of steel products	383
Imports and exports of rolled steel products, by country	383

Russia

Charge materials and steel production	384
Imports of iron ore, scrap, pig iron and rolled steel products, by country	385-386
Exports of iron ore, scrap, pig iron and rolled steel products, by country	387-390

CONTENTS

Switzerland

Charge materials and steel production	391
Imports of iron ore, scrap, pig iron and rolled steel products, by country	392-394
Exports of scrap, pig iron and rolled steel products, by country	395-396

Serbia

Production of raw materials and steel products	397
Imports of iron ore, scrap, pig iron and rolled steel products, by country	398-399
Exports of iron ore, scrap, pig iron and rolled steel products, by country	400-401

Singapore

Imports of iron ore, scrap, pig iron and rolled steel products, by country	402-403
Exports of iron ore, scrap, pig iron and rolled steel products, by country	404-405

Republic of South Africa

Charge materials and steel production	406
Imports of iron ore, scrap, pig iron and rolled steel products, by country	407-408
Exports of iron ore, scrap, pig iron and rolled steel products, by country	409-411

Taiwan

Charge materials and steel production	412
Imports of iron ore, scrap, pig iron and rolled steel products, by country	413-415
Exports of iron ore, scrap, pig iron and rolled steel products, by country	416-418

Thailand

Imports of iron ore, scrap, pig iron and rolled steel products, by country	419-421
Exports of iron ore, scrap, pig iron and rolled steel products, by country	422-423

Turkey

Charge materials and steel production	424
Imports of iron ore, scrap, pig iron and rolled steel products, by country	425-426
Exports of iron ore, scrap, pig iron and rolled steel products, by country	427-428

Ukraine

Charge materials and steel production	429
Imports of iron ore, scrap, pig iron and rolled steel products, by country	430-431
Exports of iron ore, scrap, pig iron and rolled steel products, by country	432-435

Venezuela

Production steel products	436
Imports of iron ore, scrap, pig iron and rolled steel products, by country	437
Exports of iron ore, scrap, pig iron and rolled steel products, by country	438

United States

Charge materials and steel production	439
Sales of alloyed steel products	440
Total sales of steel products, by market	440
Sales of steel products, 2006, by market	441
Deliveries of steel products, domestic & foreign	442
Imports and exports of raw materials, fuel and steel products	443
Imports of iron ore, scrap, pig iron and rolled steel products, by country	444-448
Exports of iron ore, scrap, pig iron and rolled steel products, by country	449-451

CONTENTS

Part IV: World overviews, countries side-by-side,

Production of iron ore and coal, 1870 to 2007	453
Production of iron ore, by country	454
Coal production, by country	455
Coke production, by country	456
Pig iron production, 1870 to 2007	457-458
Production of pig iron, by country	459
Crude steel production, 1870 to 2007	460-461
Crude steel production, by country, 2005 to 2007	462
Crude steel production, by process and country	463
Production of continuous-cast steel	464
Production of continuous-cast steel; % total crude steel production	465
Employment in the steel industry	465
World crude steel capacity	466
Market supply, by selected country	467
Production of hot rolled steel products	468
Electricity production	469
Crude petroleum production	470
Natural gas production	471
Foreign trade in iron ore, by important country	472
Foreign trade in scrap, by important country	473
Foreign trade in pig iron, by important country	474
Foreign trade in all steel products, by important country	475-476
Area and population of important steel-using countries	477
Subject index	478-481

Part V: Maps

The most important steel production locations in Germany
Map showing steel industry locations in Germany
Map showing steel industry locations in North Rhine-Westphalia