

## 粗鋼生産1億1,874万トン、前年比1.2%減、史上3位の年間生産量となる Crude steel production down 1.2% to 118.74 million tons, the third-highest level in history

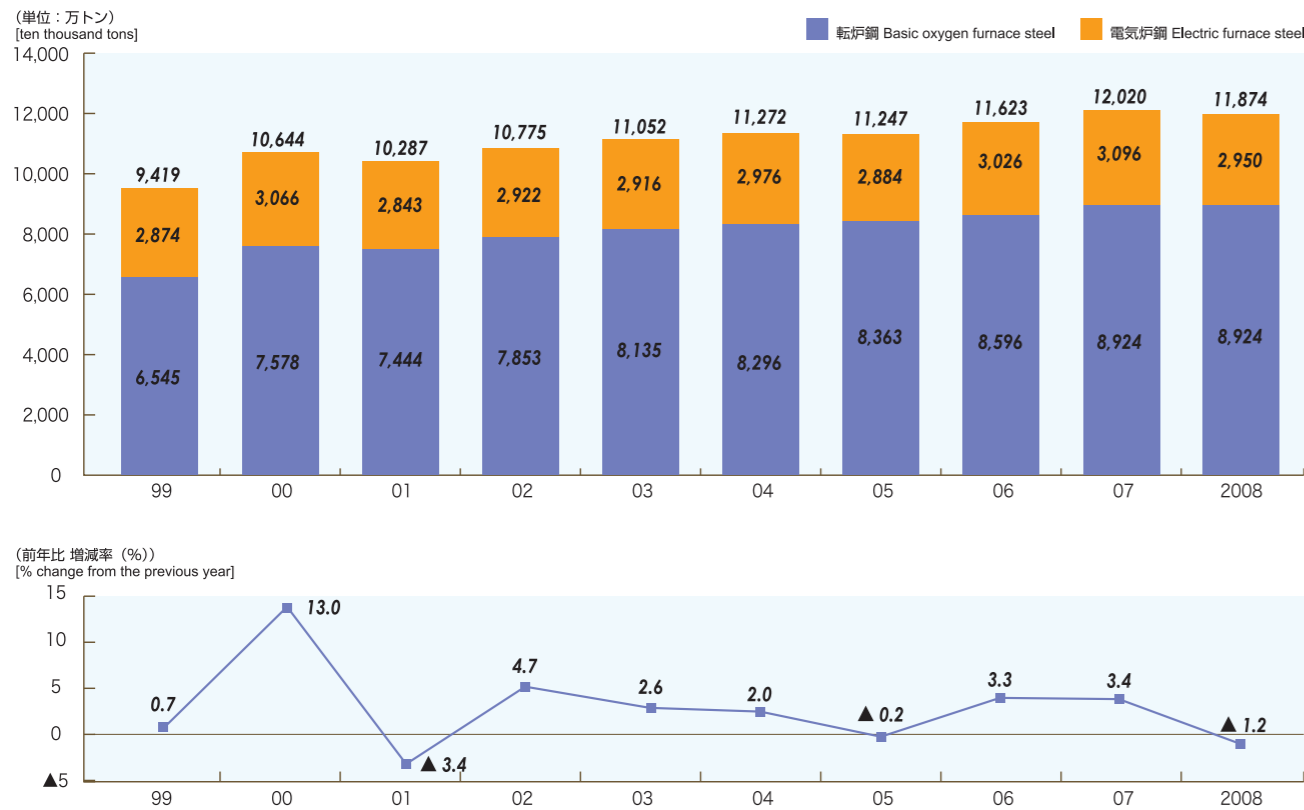
2008年の粗鋼生産は、金融危機に端を発した世界同時不況による影響を受け、同年9月までの過去最高ペースから一転、10月以降は急降下を辿った結果、年間では前年比1.2%減の1億1,874万トンと3年ぶりの減少に転じた。ただし、水準としては、2007年の1億2,020万トン、1973年の1億1,932万トンに次いで、史上3位の水準となった。

普通鋼熱間圧延鋼材の生産は、前年比240万トン、2.8%減の8,430万トンと、3年ぶりに前年実績を下回った。造船需要に支えられた厚板など一部の好調品種を除き、建築着工の低迷や自動車需要の急減などを背景に、棒鋼、熱延広幅帯鋼をはじめ多くの品種で減少した。これに対し、特殊鋼熱間圧延鋼材生産は、11月以降急落したものの、通年では前年比28万トン、1.3%増の2,178万トンと9年連続で増加し、また、7年連続で過去最高水準を更新した。

Crude steel production remained at a record-high pace during the first nine months of 2008 but then dropped sharply because of the global recession caused by the financial crisis. The steep downturn in crude steel production in the year's final three months caused annual production to decrease 1.2% to 118.74 million tons. This was the first year-on-year decrease in three years. Despite the decrease, 2008 production was the third highest in Japan's history, surpassed only by output of 120.20 million tons in 2007 and 119.32 million tons in 1973.

Production of hot-rolled ordinary steel products decreased 2.8%, or 2.40 million tons, to 84.30 million tons, the first year-on-year decline in three years. Production of some products was higher, such as plates because of strong demand from shipbuilders. But production in many other categories, including bars and hot-rolled wide strips, decreased mainly because of the low level of building construction starts and an abrupt downturn in demand for motor vehicles. On the other hand, production of hot-rolled specialty steel increased 1.3%, or 0.28 million tons, to 21.78 million tons. This was the ninth consecutive year of growth and the seventh consecutive year of record-setting production.

### ■粗鋼生産推移 Crude Steel Production



出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 Source: "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry

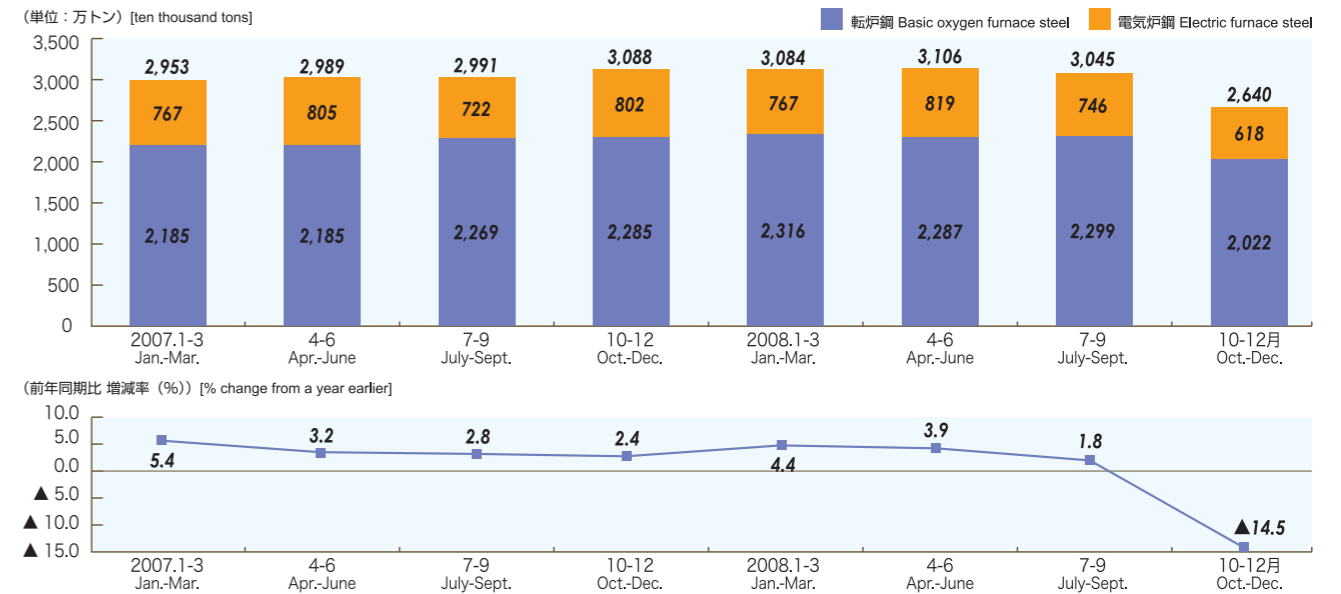
### ■鉄鋼生産実績 Actual Iron and Steel Production

品種/年 Product/year	過去最高 Past record	生産量 (単位: 万トン)					08/07 (%) Change (2008/2007) (%)
		2004	2005	2006	2007	2008	
銑鉄 Pig Iron	9,044 (1974年)	8,297	8,306	8,427	8,677	8,617	-0.7
粗鋼計 Total of crude steel	12,020 (2007年)	11,272	11,247	11,623	12,020	11,874	-1.2
転炉鋼 Basic oxygen furnace steel	9,606 (1973年)	8,296	8,363	8,597	8,924	8,924	0.0
電気炉鋼 Electric furnace steel	3,470 (1990年)	2,976	2,884	3,026	3,096	2,950	-4.7
普通鋼 Ordinary steel	10,594 (1973年)	8,914	8,794	9,070	9,408	9,257	-1.6
特殊鋼 Specialty steel	2,617 (2008年)	2,358	2,454	2,553	2,612	2,617	0.2

出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 Source: "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry

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### ■粗鋼生産の推移 (四半期別) Crude Steel Production (Quarterly Basis)



出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 Source: "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry

### ■普通鋼熱間圧延鋼材の生産量

品種 Product	生産 Production			構成比 Share (%)	08/07 Change 2008/2007 (%)
	2006	2007	2008		
軌条 Rails and accessories	48	50	53	0.6	6.3
形鋼 (含鋼矢板) Shapes and sheet pilings	826	871	813	10.0	-6.7
棒鋼 Bars and flat bars	1,327	1,315	1,162	15.2	-11.6
線材 Wire rods	257	254	239	2.9	-6.0
厚板 Plates (≥6mm)	1,200	1,301	1,382	15.0	6.2
中板・薄板 Medium plates and sheets (<6mm)	21	20	16	0.2	-16.5
広幅帯鋼 Wide strips (≥600mm)	4,458	4,692	4,596	54.1	-2.0
帯鋼 Strips and hoops (<600mm)	102	92	85	1.1	-7.4
管材・外輪 Rounds for tubes, tires and rolled wheels	75	76	83	0.9	9.6
合計 Total	8,314	8,670	8,430	100.0	-2.8

出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 注: 万以下の数値は省略  
Source: "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry  
Note: The figures below the ten thousands are omitted.

### ■普通鋼冷間仕上・めっき鋼材の生産量

品種 Product	生産 Production			08/07 Change 2008/2007 (%)
	2006	2007	2008	
普通鋼冷間仕上鋼材 Cold-rolled ordinary steel products				
磨帯鋼 Strips and hoops (<600mm)	16	15	15	-1.2
冷延広幅帯鋼 Wide strips (≥600mm)	2,333	2,404	2,377	-1.1
冷延鋼板 Sheets	4	4	3	-13.2
冷延電気鋼帯 Electrical sheets	186	192	190	-1.1
めっき鋼材 Coated sheets				
ブリキ Tinplate	96	100	111	11.9
亜鉛めっき鋼板 Galvanized sheets	1,415	1,512	1,477	-2.3
ティンフリースチール Tin free steel	75	80	84	5.6
その他金属めっき鋼板 Other metallic-coated sheets	150	147	124	-15.7

出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 注: 万以下の数値は省略  
Source: "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry  
Note: The figures below the ten thousands are omitted.

### ■特殊鋼熱間圧延鋼材の生産量

品種 Product	生産 Production			構成比 Share (%)	08/07 Change 2008/2007 (%)
	2006	2007	2008		
工具鋼 Tool steels	25	28	28	1.3	0.4
機械構造用炭素鋼 Structural carbon steels	484	510	515	23.7	1.0
構造用合金鋼 Structural alloy steels	389	410	419	19.1	2.2
ばね鋼 Spring steels	48	50	51	2.3	1.0
軸受鋼 Bearing steels	90	92	105	4.3	13.4
ステンレス鋼 Stainless steels	335	349	321	16.2	-8.1
快削鋼 Free-cutting steels	103	99	92	4.6	-6.9
ピアノ線材 Piano wire rods	71	72	79	3.4	9.6
高抗張力鋼 High tensile strength steels	517	528	558	24.6	5.6
その他の特殊用途鋼 Other specialty steels	36	11	10	0.5	-7.8
合計 Total	2,098	2,150	2,178	100	1.3

出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 注: 万以下の数値は省略  
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### ■熱間鋼管の生産量

品種 Product	生産 Production			08/07 Change 2008/2007 (%)
	2006	2007	2008	
普通鋼熱間鋼管 Hot-rolled ordinary steel pipes and tubes	572	586	559	-4.6
継目無鋼管 Seamless	70	71	71	-0.1
鍛接鋼管 Butt-welded	23	22	21	-3.8
電縫鋼管 Electric-welded	371	374	354	-5.3
電弧溶接鋼管 Arc-welded	107	119	113	-5.3
特殊鋼熱間鋼管 Hot-rolled specialty steel pipes and tubes	287	283	295	4.5
継目無鋼管 Seamless	139	136	140	2.8
電縫鋼管 Electric-welded	37	43	52	22.5
電弧溶接鋼管 Arc-welded	111	104	103	-0.6

出所: 経済産業省「鉄鋼・非鉄金属・金属製品統計月報」 注: 万以下の数値は省略  
Source: "Monthly of Iron and Steel, Non-ferrous Metal, and Fabricated Metals Statistics," Ministry of Economy, Trade and Industry  
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