

STEEL & **THE ECONOMY** 2022



LIFE
**IS MADE
OF STEEL**

Brazil Steel Institute

Formed in 1963, the objectives of the Brazil Steel Institute are to increase the competitiveness of the Brazilian steel market and carry out a variety of activities, such as studies, research, and representation in both the public and private sphere. The Institute has since maintained a commitment to sustainable development and the demands of society, which is reflected in sustainable actions based on economic, social, and environmental pillars.

Associated Companies

AÇO VERDE DO BRASIL - AVB
APERAM SOUTH AMERICA
ARCELORMITTAL AÇOS PLANOS AMÉRICA DO SUL
ARCELORMITTAL AÇOS LONGOS LATAM
COMPANHIA SIDERÚRGICA DO PECÉM - CSP
GERDAU AÇOMINAS S.A.
GERDAU S.A.
GERDAU AÇOS LONGOS S.A.
SIDERÚRGICA NORTE BRASIL S.A. - SINOBRAS
TERNIUM BRASIL
USIMINAS
VALLOUREC SOLUÇÕES TUBULARES DO BRASIL S.A.
VILLARES METALS S.A.

● ● ● The Brazilian Steel Industry | 2021



31 STEEL
MILLS

Steel Producer Sites:

15 integrated parks
and 16 semi-integrated
parks administered by
12 groups.



208
billions

Net Revenue:

R\$ 208.0 billions



39.2
billions

Taxes Paid:

R\$ 39.2 billions



51.0
millions

Installed Capacity:

51.0 millions t/year of crude
steel at the end of 2021



9th RANKED
PRODUCER

**9th Ranked producer
in Global Ranking**

Production (t of crude steel):

Brazil = 36.1 million tonnes

World = 1,951.9 million tonnes

1.8% (Brazil/World)

Latin America = 64.7 million tonnes

55.8% (Brazil/Latin America)



120 thousand

Collaborators:

Current company
workforce: 70,569

Collaborators

Subcontractors: 49,412

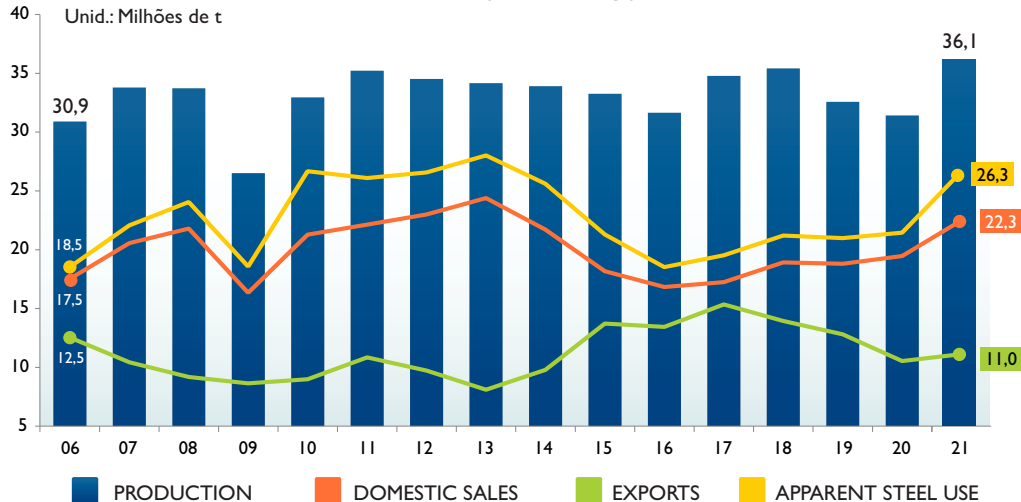


158.7
billions

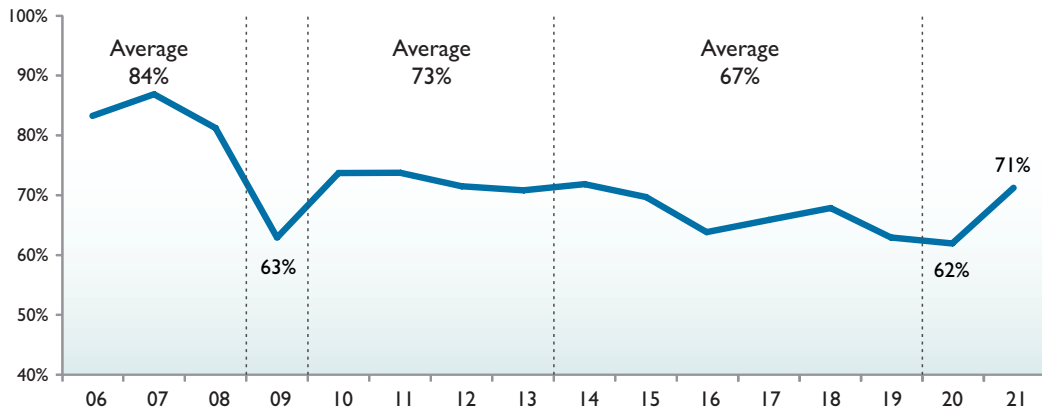
Investment:

R\$ 158.7 billions in
investments between
2008 and 2021

BRAZILIAN STEEL INDUSTRY



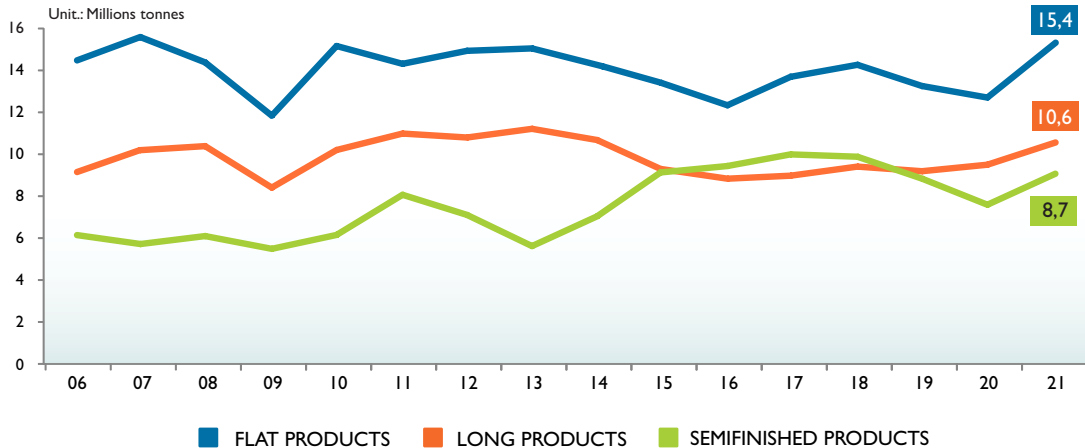
CAPACITY UTILIZATION



Source: Brazil Steel

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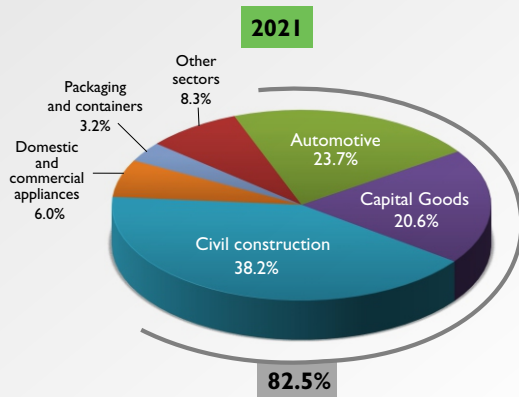
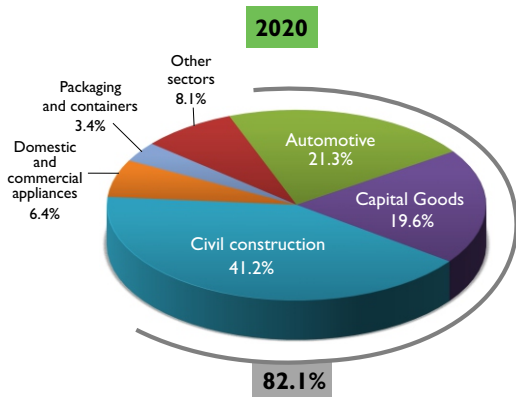
PRODUCTION EVOLUTION BY PRODUCT



Source: Brazil Steel Institute

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CONSUMPTION PARTICIPATION OF FINISHED STEEL PRODUCTS BY SECTORS

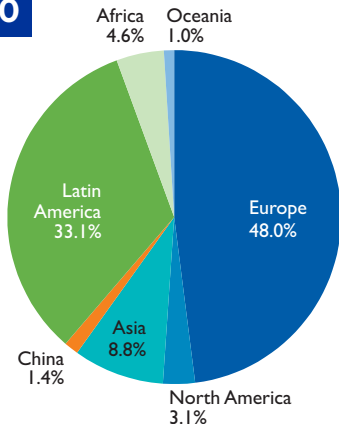


CONSUMPTION OF FINISHED STEEL PRODUCTS BY SECTORS (Thousand tonnes)

SECTOR	2019	2020	2021	21/20 (%)
Civil Construction	7.894	8.844	10.059	13,7
Automotive	5.058	4.559	6.235	36,8
Capital Goods	4.285	4.169	5.420	30,0
Domestic and Commercial Appliances	1.108	1.374	1.574	14,6

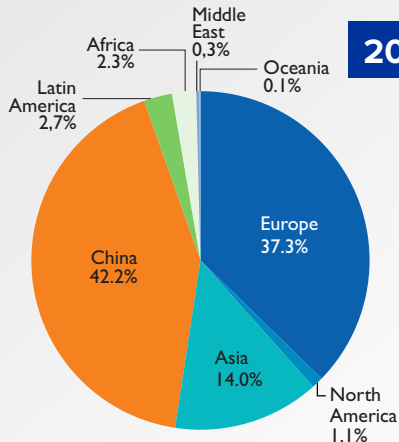
IMPORTS OF STEEL PRODUCTS BY ORIGIN

2000



Imports from China: 12 thousand tonnes












2021



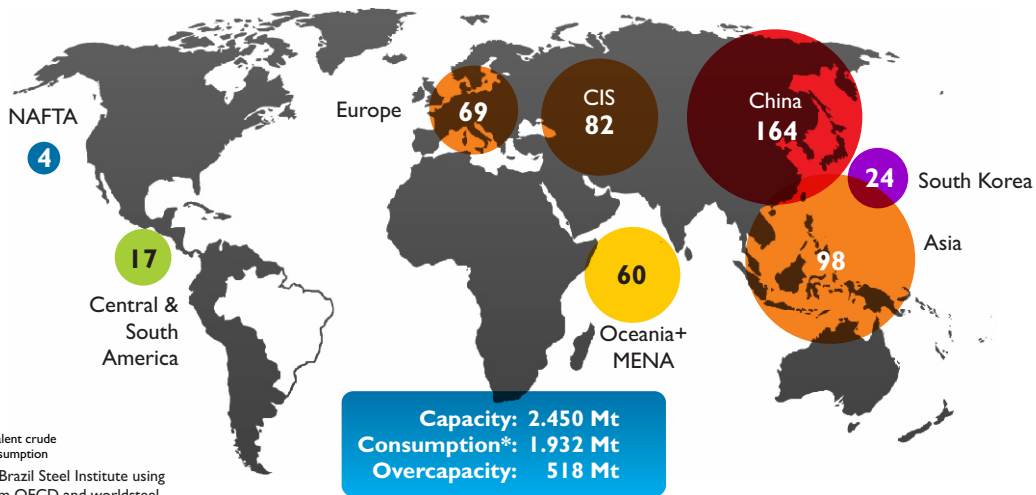
Imports from China: 2.099 thousand tonnes

APPARENT STEEL USE PER CAPITA

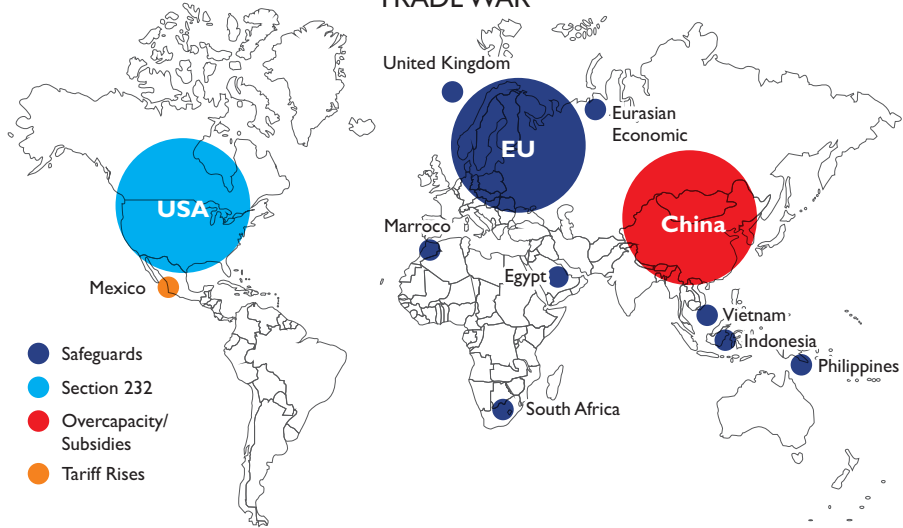
Unit.: kg per inhabitant

SECTOR	1980	2000	2021
 China	32,0	96,9	666,5
 South Korea	134,4	808,3	1.075,6
 Japan	605,2	596,7	456,2
 USA	377,4	425,6	290,9
 Germany	369,3	473,6	426,1
 Spain	200,5	425,4	282,2
 Brazil	100,6	92,6	122,3
 India	12,7	26,3	76,0
 Chile	52,5	96,0	176,7
 Mexico	115,0	136,4	186,6
 World	128,3	122,0	232,8

GLOBAL STEEL PRODUCTION OVERCAPACITY (Millions tonnes)



TRADE WAR



Source: OMC

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2022



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