Monthly Analysis
(March 2020)

Ministry of Steel | Statistics Division

Major Highlights During March 2020

- A slowdown in steel production and demand is evident in major steel producing countries, as global markets grapple with a worsening Corona virus pandemic for last two months of FY20. As a result, steel production at global level decreased in Mar 2020.
- During Mar 2020, **147.05 million tonnes of Crude steel was produced in the world**, **decreased by 6.04%** over Mar 2019.
- China started to recover from this pandemic during mid-March and resumed steel production which helped China to be at a comparatively comfortable state. **China**, world's largest producer of Crude steel, produced **78.97 million tonnes** of Crude steel in Mar 2020, **down by 1.68%** over Mar 2019.
- **India**, world's 2nd largest producer of Crude steel, produced **8.65 million tonnes** of Crude steel in Mar 2020, **down by 13.86** over Mar 2019.
- **Japan**, the third largest producer of Crude steel in the world, produced **8.20 million tonnes** of Crude steel in Mar 2020, **down by 9.73** over Mar 2019.
- After remaining depressed for most part of FY20, domestic steel demand and price in India, started to rebound from end Nov 2019 onwards. However, outbreak of Corona virus in last week of Mar 2020 put a halt in this, as all sectors shut their operation due to COVID-19 outbreak In India. This negatively impacted the production, trade and consumption of steel in Mar 2020 and finally in FY20. ***Production and Consumption in Mar 2020 was lowest in FY20***.
- The **Capacity utilisation** in production of Crude steel in India was **only 67.8% (lowest in FY20)** which was down by 20% over 84.7% capacity utilisation in Mar 2019.
- During Mar 2020, **production of Finished steel was 7.09 million tonnes**, **down by 23.69%** over Mar 2019. **Consumption of finished steel** during Mar 2020 was **6.71 million tonnes** which has **decreased by 29.54%** over Mar 2019.
- Due to Corona virus outbreak, import of cheap steel from China, Japan, S. Korea in India fall as well as export opportunity reduced. But fall of Chinese export and increased demand from China for Billet etc (as China resumed construction work in Mar 2020), helped slightly to increase Indian export during last part of Mar 2020.
- During Mar 2020, **import** of Finished steel was **0.38 million tonnes**, **declined by 46.67%** over Mar 2019 while **Export** of Finished steel during Mar 2020 was **0.57 million tonnes** which has **decreased by 3.21%** over Mar 2019.
- During Feb 2020, **production of Iron Ore was 23.94 million tonnes** having increased by 31.25% over Feb 2019. Its import was very negligible while 3.**73 million tonnes was exported in Mar 2020**.

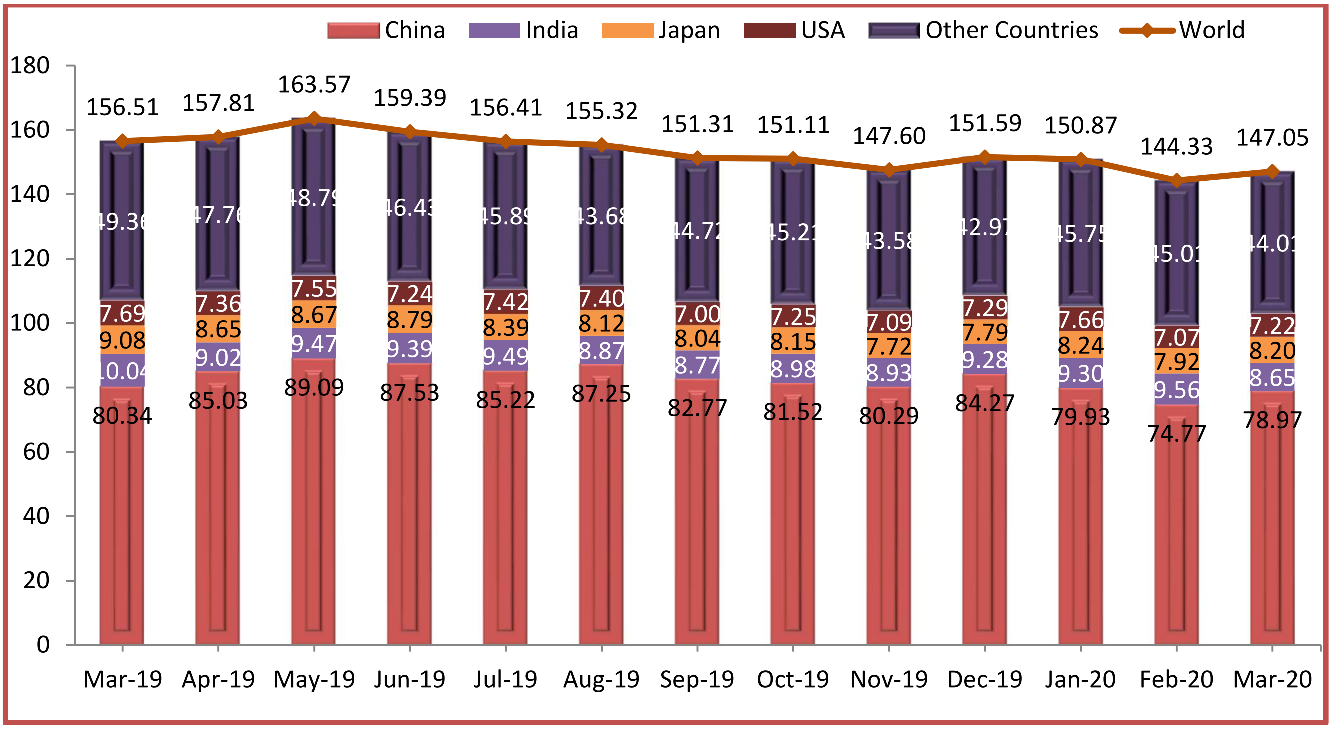
1. World Crude Steel Production

Table: 1(a):- Top Crude Steel Producing Countries (in million tonnes)						
Country	**Mar-20**	**Mar-19**	**% change**	**Apr-Mar 2019-20**	**Apr-Mar 2018-19**	**% change**
China	78.97	80.33	-1.68	996.65	943.18	5.67
India	8.65	10.04	-13.86	109.70	110.92	-1.10
Japan	8.20	9.08	-9.73	98.67	102.89	-4.09
USA	7.22	7.69	-6.04	87.55	87.95	-0.46
Other Countries	44.01	49.37	-10.87	543.79	566.05	-3.93
World Total	**147.05**	**156.51**	**-6.04**	**1836.36**	**1810.99**	**1.40**

Source: WSA

- At global level, Crude steel production imncreased by 1.89% in Mar 2020 over Feb 2020 and 6.04% over Mar 2019. During FY20, Crude steel production was increased only by 1.40% over FY19.

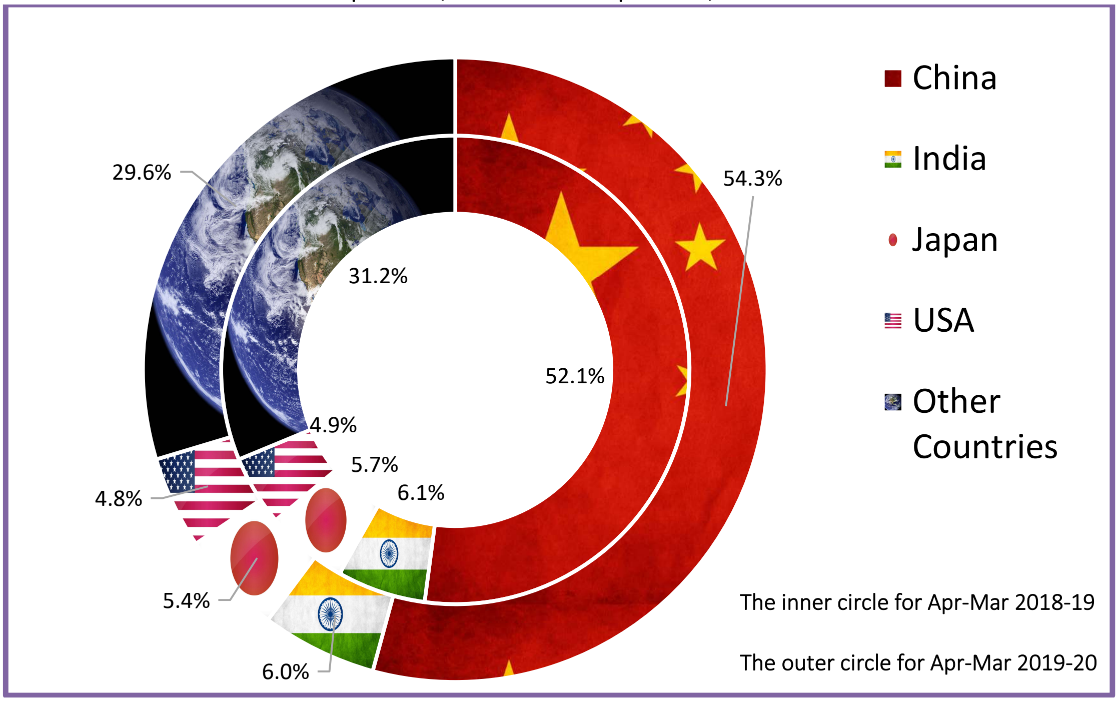
Fig. 1(a):- Trend in Crude Steel Production by Top 4 Countries from Mar 2019 to Mar 2020 (in million tonnes)



Source: WSA

- Crude steel production increased for China, Japan and USA in Mar 2020 over Feb 2020 by 5.62%, 3.59% and 2.19% respectively while it was decreased for India by 9.52% in the same period. This is because, China and Japan were not largely affected by Corona virus in Mar 2020 and USA was continuing production in this period while India strictly maintained lockdown to contain Corona outbreak in this period leading to shutdown of steel production in Mar 2020.

Fig. 1(b):- Change in Share in Production of Crude Steel by Top 4 Countries
For Apr-Mar, 2018-19 & Apr-Mar, 2019-20



Source: WSA

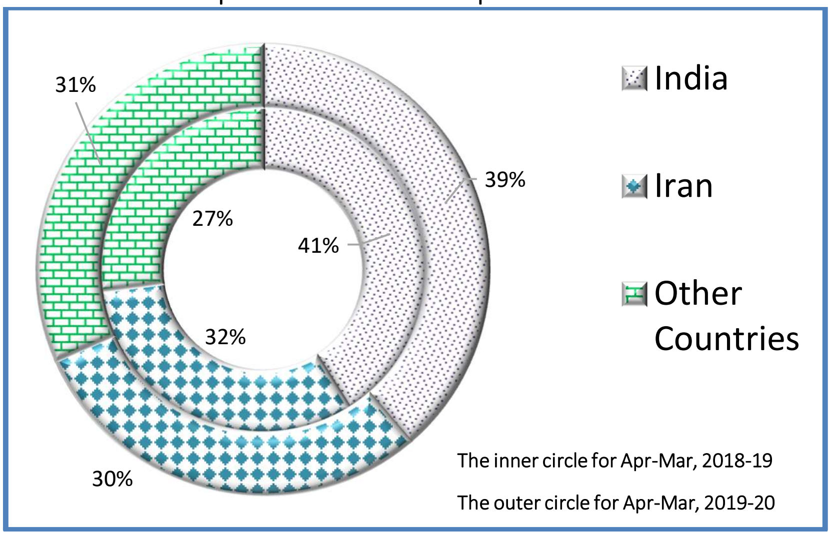
- **India,** the largest producer of DRI/Sponge Iron at global level, produced **3.20 million tonnes** Sponge Iron in Mar 2020, up by 6.88% over Mar 2019.

Table: 1(b):- Top Sponge Iron Producing Countries (in million tonnes)

Country	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
India	3.20	2.99	6.88	37.80	34.71	8.90
Iran	2.30	2.11	8.80	29.31	26.62	10.12
Other Countries	1.91	2.30	-16.76	24.47	28.27	-13.43
World Total	**7.41**	**7.41**	**0.09**	**91.58**	**89.59**	**2.22**

Source: WSA

Fig. 1(c):- Change in Share in Production of Sponge Iron by Top 2 Countries
For Apr-Mar 2018-19 & Apr-Mar 2019-20



Source: WSA

2. Performance of India's Steel Sector

2.1 Crude Steel

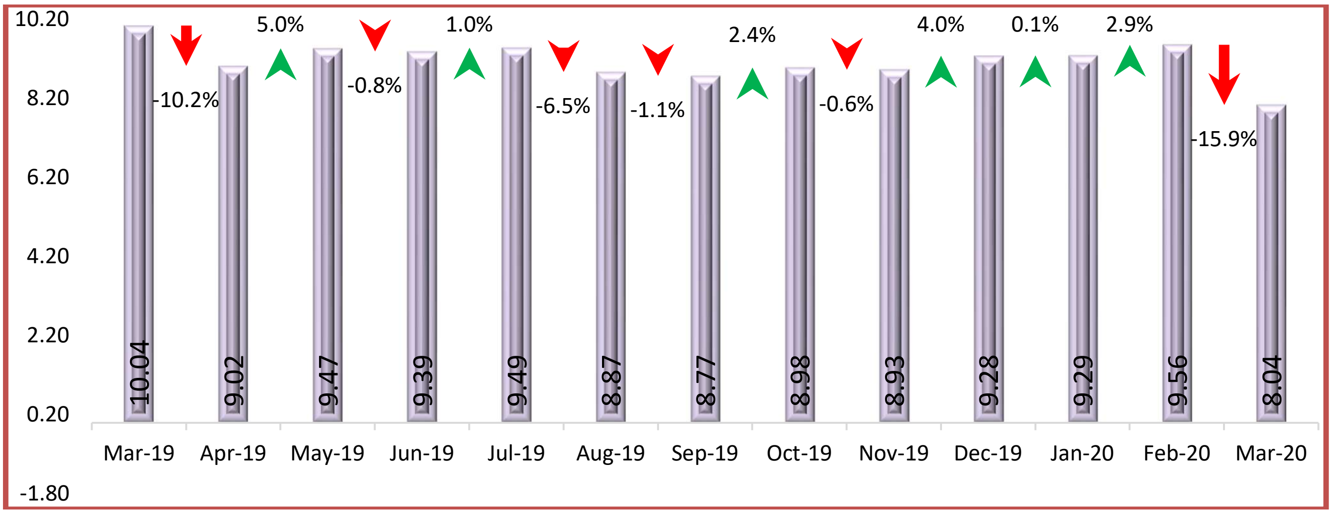
Table 2(a): Indian Crude Steel Production (Million Tonne)

PSU	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
SAIL	1.40	1.53	-8.42	16.16	16.26	-0.66
RINL (VSP)	0.48	0.46	3.48	4.75	5.23	-9.25
Public Sector	1.88	2.00	-5.66	20.90	21.50	-2.75
TSL	1.16	1.23	-5.38	13.15	13.23	-0.59
ESSAR	0.50	0.61	-18.49	7.12	6.81	4.52
JSPL	0.53	0.55	-3.90	5.86	5.25	11.55
JSWL	1.20	1.46	-17.81	15.97	16.74	-4.62
OTHERS	2.77	4.20	-34.10	46.21	47.39	-2.49
Private sector	6.16	8.05	-23.51	88.31	89.42	-1.25
Total Production	**8.04**	**10.04**	**-19.96**	**109.22**	**110.92**	**-1.54**
% Share of PSU	23	20		19	19	
% Share of Oxygen Route Production	52	45		44	45	
% Share of EAF Route Production	27	26		26	26	
% Share of IF Route Production	21	29		30	30	

Source: JPC

- Most of the big steel producers stopped Crude steel production during lockdown during Mar 2020 and as a result, production of Crude Steel decreased heavily by 19.96% over Mar 2019 while it is down by 15.9% over Feb 2020. *This is lowest crude steel production in last two years.*
- During Apr-Mar 2019-20 Crude steel production was less (109 million tonnes) than expectation (111 million tonnes) and down by 1.54% over Apr-Mar 2018-19.
- *SAIL is the largest producer of Crude steel, both in Mar 2020 and in FY20 followed by JSW and TSL. Share of SAIL, JSW and TSL in Crude steel production in FY20 were 14.8%, 14.6% and 12% respectively.*

Fig. 2(a):- Trend in Monthly Production of Crude Steel (in million tonnes)



Source: JPC

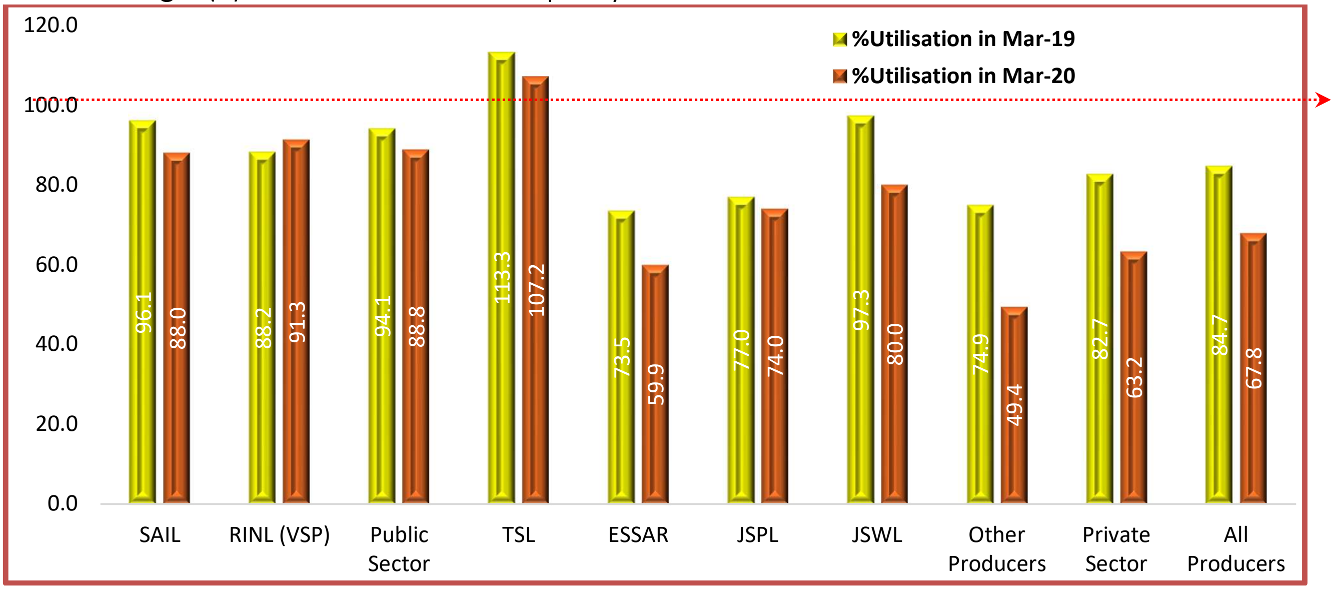
% decrease in a month over the previous month

% increase in a month over the previous month

2.2 Capacity Utilisation in Production of Crude Steel

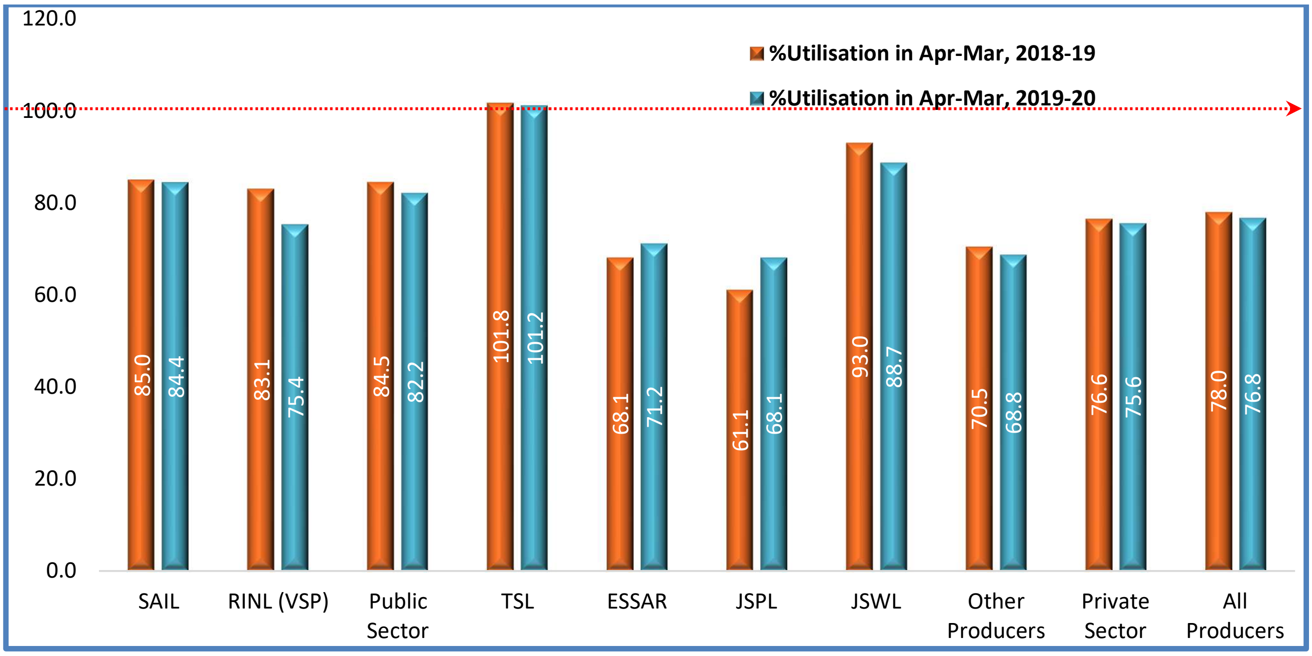
- The capacity utilisation in production of Crude Steel in the country has decreased from **84.7% in Mar 2019** to **67.8% in Mar 2020**. This is due to less capacity utilisation both in public and private sector in Mar 2020 as production was stopped during lockdown.
- In **public sector**, Capacity utilisation has **decreased from 94.1% in Mar 2019 to 88.8% in Mar 2020** while that of **private sector decreased from 82.7% in Mar 2019 to 63.2% in Mar 2020.**
- *During Mar 2020, among Public sector, SAIL has reduced capacity utilisation while RINL has increased. But throughout FY20, capacity utilisation by SAIL was much better than RINL*.

Fig. 2(b).1:- Producer-wise % Capacity Utilisation in Mar 2020 vis-a-vis Mar 2019



Source: JPC

Fig. 2(b).2:- Producer-wise % Capacity Utilisation in Apr-Mar 2019-20 vis-a-vis Apr-Mar 2018-19



Source: JPC

2.3 Hot Metal

- During Mar 2020, **production of Hot Metal was 6.06 million** tonnes, having decreased by 9.31% over Mar 2019.
- *SAIL is the largest producer of Hot Metal in FY20, followed by JSW and TSL*.

Table: 2(b):- Producer wise Production of Hot Metal in India (in million tonnes)

PSU	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
SAIL	1.50	1.65	-8.69	17.44	17.51	-0.43
RINL (VSP)	0.52	0.51	2.24	5.16	5.77	-10.55
TSL	1.22	1.29	-4.98	14.10	14.24	-0.99
ESSAR	0.27	0.30	-12.67	3.63	3.26	11.51
JSPL	0.51	0.48	6.11	5.26	5.04	4.37
JSWL	1.16	1.36	-14.1	15.22	15.48	-1.66
OTHERS	0.87	1.10	-20.5	12.20	13.08	-6.75
Total Production	**6.06**	**6.68**	**-9.31**	**73.01**	**74.38**	**-1.84**
Public sector	2.02	2.16	-6.1	22.60	23.28	-2.94
Share in Public sector	33.4	32.3		31.0	31.3	

Source: JPC

2.4 Pig Iron

- During Mar 2020, **production of Pig Iron was 0.36 million tonnes** which has decreased by 36.96% over Mar 2019. Consumption of Pig Iron also weakens in domestic market, down by 17.79% in Mar 2020.
- *SAIL is largest producer of Pig Iron in FY20*.

Table: 2(c):- Producer wise Production of Pig Iron in India (in million tonnes)

PSU	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
SAIL	0.04	0.04	3.17	0.57	0.47	20.23
RINL	0.01	0.00	72.21	0.05	0.12	-58.59
TSL+ESSAR+JSWL+JSPL	0.03	0.04	-19.86	0.39	0.37	7.94
OTHERS	0.28	0.49	-42.74	4.50	5.46	-17.63
Total Production	**0.36**	**0.57**	**-36.96**	**5.51**	**6.41**	**-14.14**
Public sector	0.05	0.05	10.50	0.56	0.54	4.04
Share in Public sector	14.12	8.05		10.34	8.51	
Import	**0.00**	**0.00**	**-84.03**	**0.01**	**0.07**	**-83.83**
Export	**0.03**	**0.06**	**-50.18**	**0.42**	**0.32**	**32.44**
Consumption	**0.46**	**0.56**	**-17.79**	**5.18**	**6.14**	**-15.73**

Source: JPC

2.5 Sponge Iron

- During Mar 2020, **production of Sponge Iron was 2.53 million tonnes**, declined by 15.39% over Mar 2019. Its consumption also decreased by 20.25% in the same period.

Table: 2(d):- Producer wise Production of Sponge Iron in India (in million tonnes)

PSU	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
ESSAR	0.33	0.42	-22.07	4.81	4.80	0.19
JSPL	0.12	0.11	11.02	2.08	1.33	56.59
JSWL	0.16	0.22	-26.59	2.00	2.37	-15.70
OTHERS	1.92	2.25	-14.29	28.26	26.21	7.82
Total Production	**2.53**	**2.99**	**-15.39**	**37.14**	**34.71**	**7.02**
Import	**0.00**	**0.00**	**-41.78**	**0.047**	**0.044**	**6.87**
Export	**0.06**	**0.07**	**-21.12**	**0.84**	**0.62**	**35.85**
Consumption	**2.37**	**2.97**	**-20.25**	**36.20**	**34.16**	**5.97**

Source: JPC

2.6 Pellet

- During Mar 2020, **production of Pellet was 9.30 million tonnes**, recorded a negative growth of 13.23% over Mar 2019 while its consumption shows a negative growth of 7.35% in the same period.

Table: 2(e):- Producer wise Production of Pellet in India (in million tonnes)

PSU	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
TSL	0.83	1.08	-22.90	11.52	10.63	8.37
ESSAR	0.69	0.68	2.13	7.08	7.08	0.01
JSPL	0.61	0.74	-16.61	8.10	8.13	-0.27
JSWL	2.28	2.57	-11.20	35.55	28.64	24.12
OTHERS	4.89	5.66	-13.70	33.40	26.08	28.10
Total Production	**9.30**	**10.71**	**-13.23**	**95.66**	**80.55**	**18.75**
Import	**0.00**	**0.00**	**-**	**0.05**	**0.64**	**-91.62**
Export	**0.85**	**0.92**	**-8.53**	**12.46**	**9.36**	**33.11**
Consumption	**3.82**	**4.12**	**-7.35**	**55.84**	**52.26**	**6.84**

Source: JPC

- During Mar 2020, “Pellet to Sponge Iron to Steel” sector performed well compare to “Iron Ore to Crude Steel to Steel” sector.
- *JSW is largest producer of Pellet in FY20 producing 37% of total Pellet in India.*
- During Apr-Mar 2019-20, consumption of Sponge Iron increased by 5.97% while that of Pellet increased by 6.84%.
- *Pellet export was high because of high Chinese demand from India and less domestic steel demand.*

2.7 Finished Steel

a) Production and Consumption of Finished Steel

- In **Mar 2020**, **production** of **Finished Steel** was 7.09 million tonnes, **down by 23.69%** over Mar 2019 while **consumption was** 6.71 million tonnes, **decreased by 29.54%** over Mar 2019**.** *This is lowest Finished steel production and consumption in last two years.*

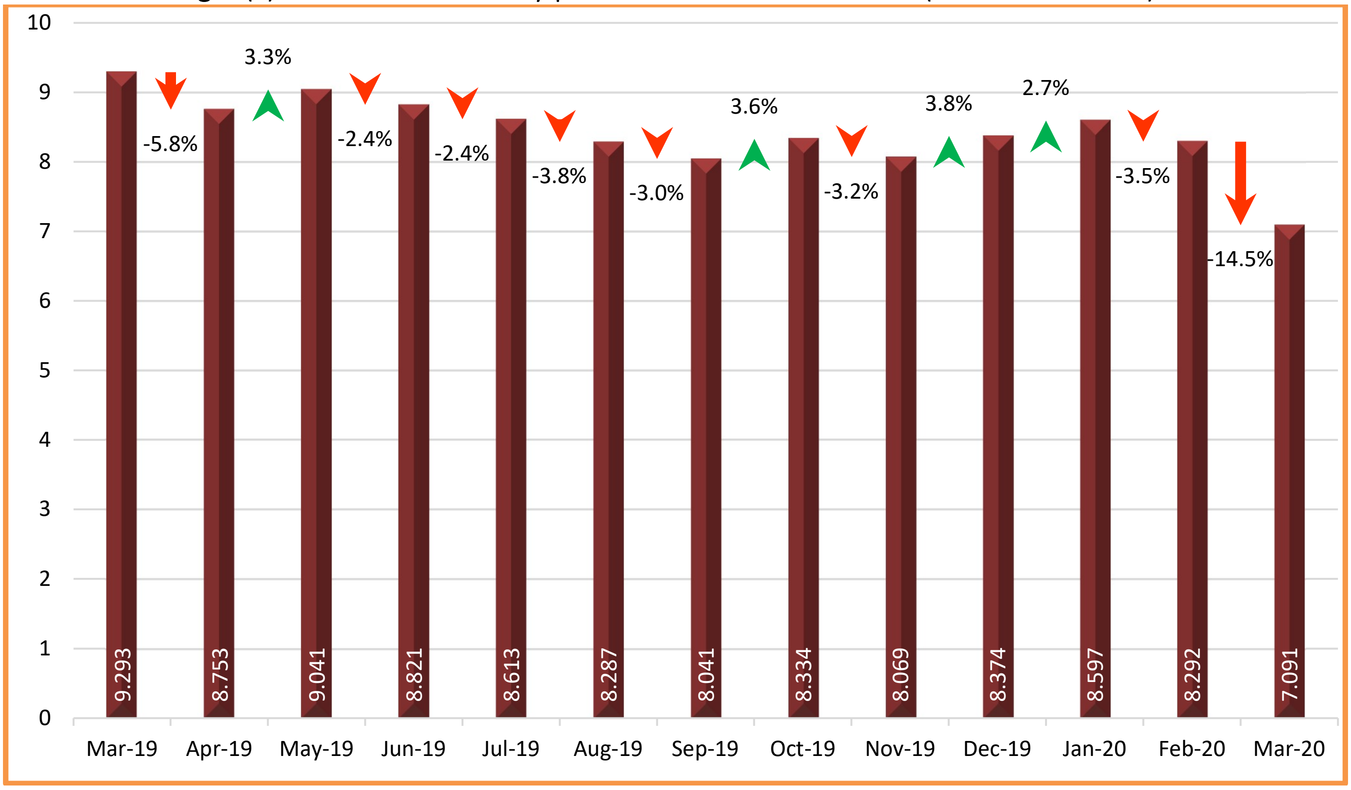
Table: 2(f):- Production, trade and Consumption of Finished Steel in India (in million tonnes)

PSU	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
SAIL	1.07	1.22	-12.48	12.44	12.70	-2.03
RINL (VSP)	0.36	0.41	-12.18	3.59	4.24	-15.28
Public Sector	**1.42**	**1.63**	**-12.4**	**16.03**	**16.93**	**-5.34**
TSL	1.09	1.15	-5.56	13.04	12.93	0.85
ESSAR	0.50	0.61	-18.66	7.02	6.78	3.44
JSPL	0.39	0.40	-2.26	4.48	3.81	17.57
JSWL	1.17	1.39	-15.97	15.08	15.56	-3.12
OTHERS	2.52	4.12	-38.66	46.42	45.27	2.54
Private sector	**5.67**	**7.67**	**-26.08**	**86.03**	**84.35**	**1.99**
Gross Total Production	**7.09**	**9.29**	**-23.69**	**102.06**	**101.29**	**0.76**
% Share of PSU in production	20.1%	17.5%	--	15.7%	16.7%	-
Import	**0.38**	**0.71**	**-46.67**	**6.77**	**7.84**	**-13.62**
Export	**0.57**	**0.59**	**-3.21**	**8.36**	**6.36**	**31.35**
Consumption	**6.71**	**9.52**	**-29.54**	**100.07**	**98.71**	**1.38**

Source: JPC

- As lockdown was imposed throughout India from Last week of Mar 2020, production was stopped by all producers in this period resulting in less steel production in Mar 2020 and also leading to less production of steel in FY20 than expected Finished steel production of 103/104 million tonnes in FY20.
- During Apr-Mar 2019-20, the **production** of **Finished steel** was **102.059 million tonnes** having increased by only 0.76% over same period of previous year; while **consumption** during Apr-Mar 2019-20 was **100.07 million tonnes** (expected was 102 million tonnes) down by 1.38% over same period of previous.
- *JSW is largest producers of Finished steel in FY20 with share 15% followed by TSL with share 13% and SAIL with share 12%.*

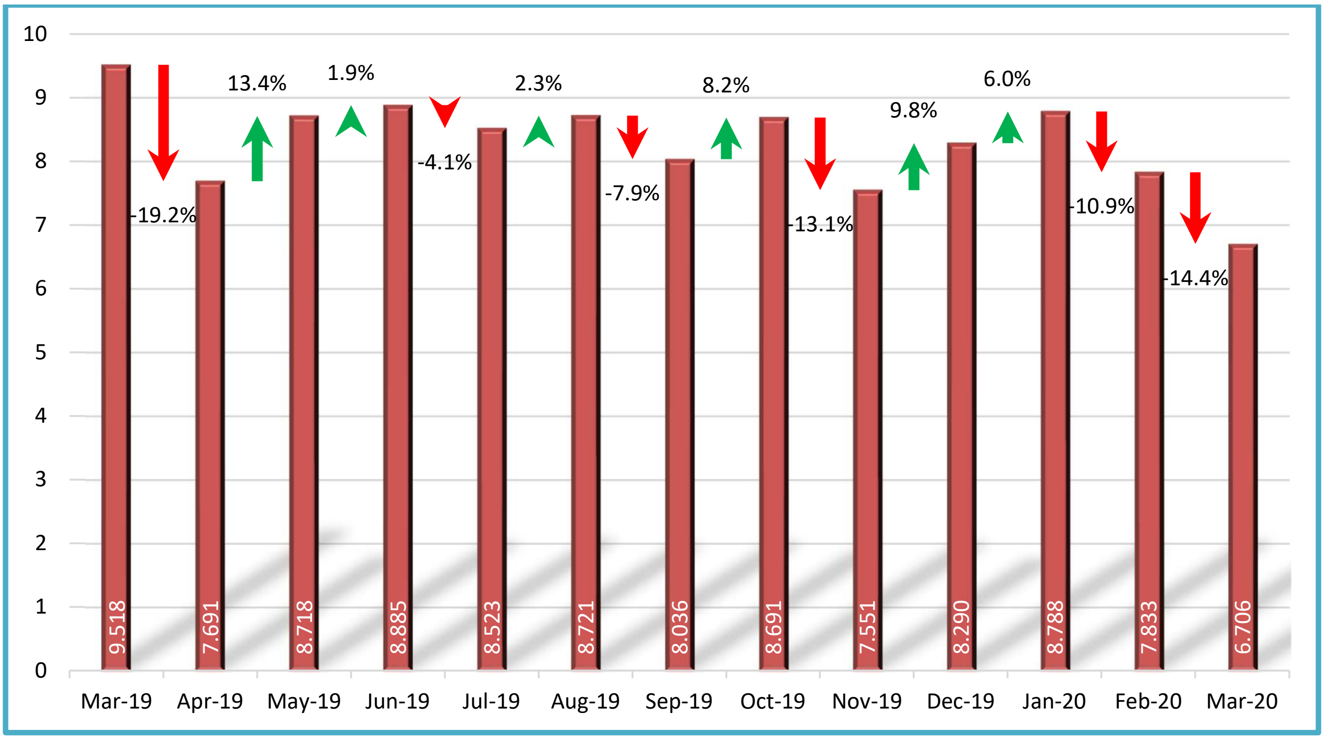
Fig. 2(c).1:- Trend in monthly production of Finished Steel (in million tonnes)



Source: JPC

- Expecting a good demand in steel sector, production started to increase from Dec 2019 onwards but again started to decline from Feb 2020. But record fall in Production occur in Mar 2020, down by 14.5% in Mar 2020 over Feb 2020 which impacted negatively the Finished steel production in FY20.

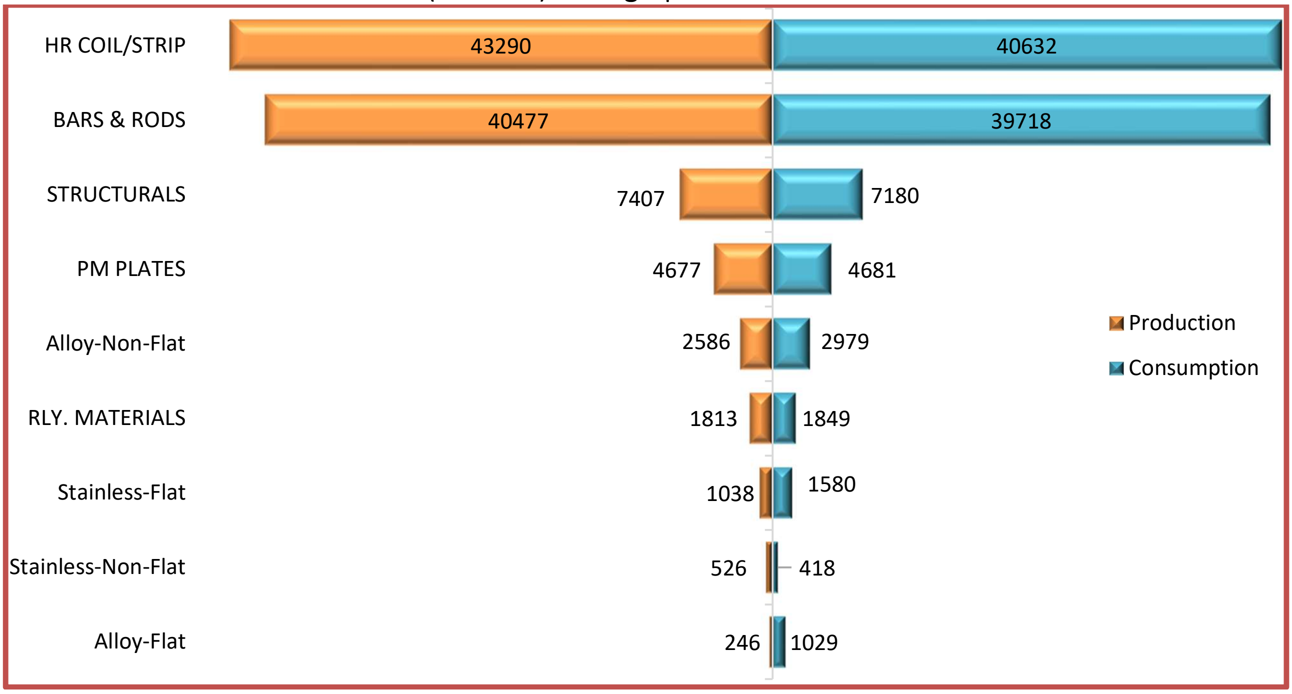
Fig. 2(c).2:- Trend in monthly consumption of Finished Steel (in million tonnes)



Source: JPC

- Consumption was also started to decrease from Feb 2020 and it declined by 14.4% in Mar 2020 over Feb 2020.

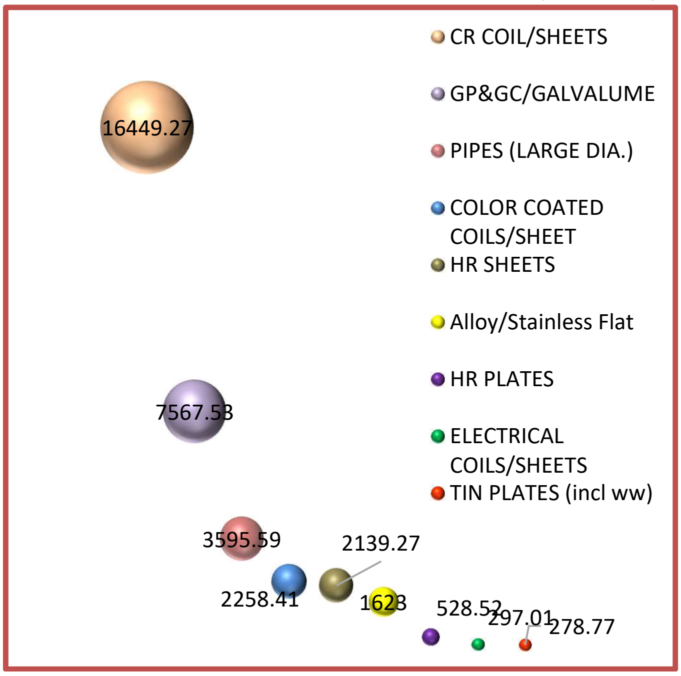
Fig. 2(d):- Product-wise Production & Consumption of Finished Steel (HR Equivalent) (in '000T) during Apr-Mar 2019-20

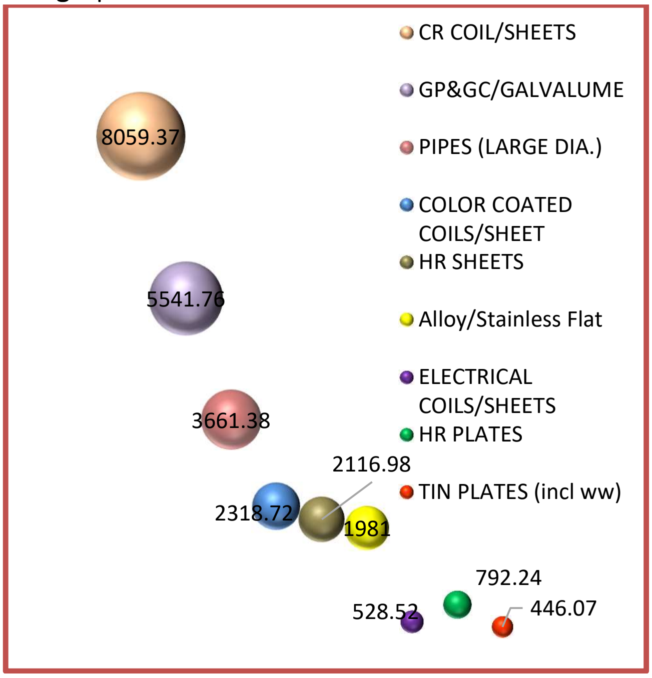


Source: JPC

- Throughout FY20, **HR Coil/Strip and Bars&Rods have high demand in India** and hence their production was high. HRC is mostly consumed in downstream process and to export, while Bars & Rods are used mainly in construction.

Fig. 2(e):- Production and consumption of Downstream / Value Added Products of Finished Steel (in '000T) during Apr-Mar 2019-20



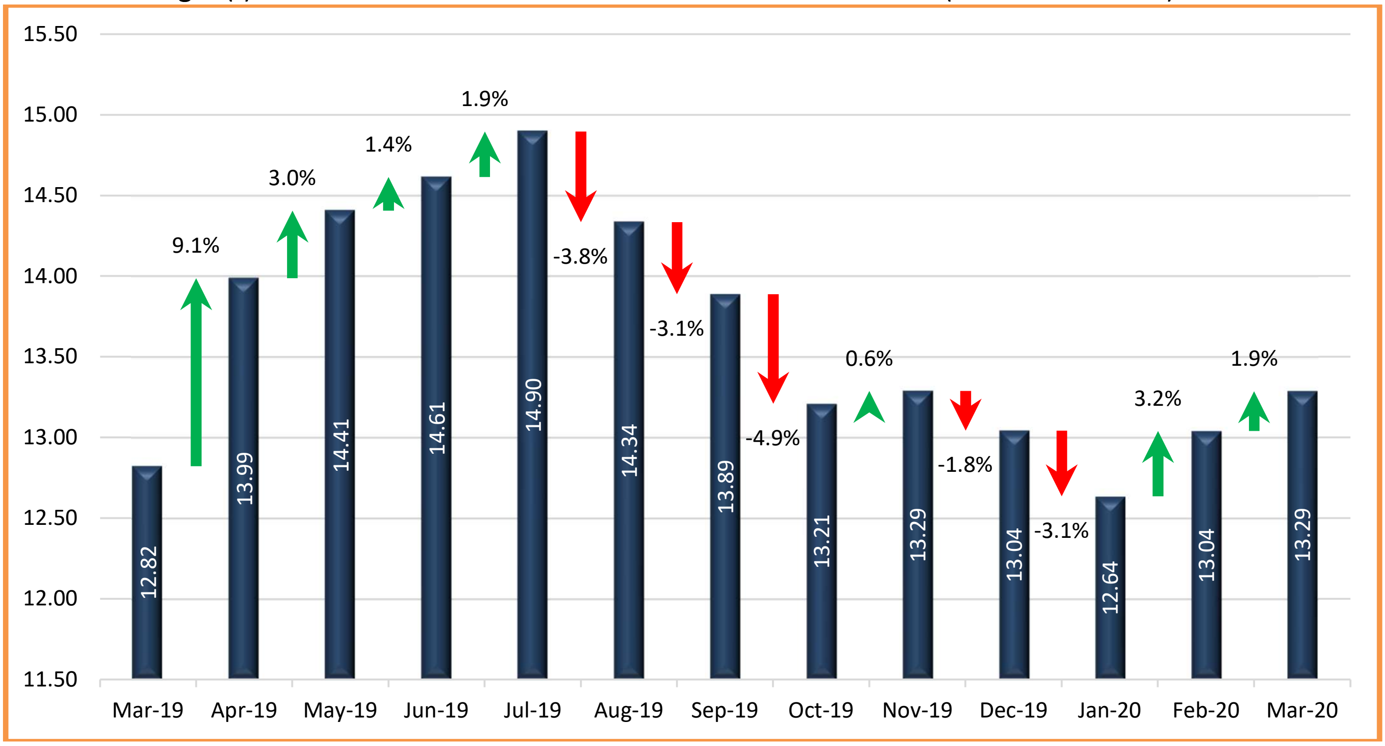


Source: JPC

- Among the steel products, CR **Coil/Sheets, GP&GC have high demand in India** in FY20 for direct consumption as well as for downstream production.

b) Stock Analysis of Finished Steel

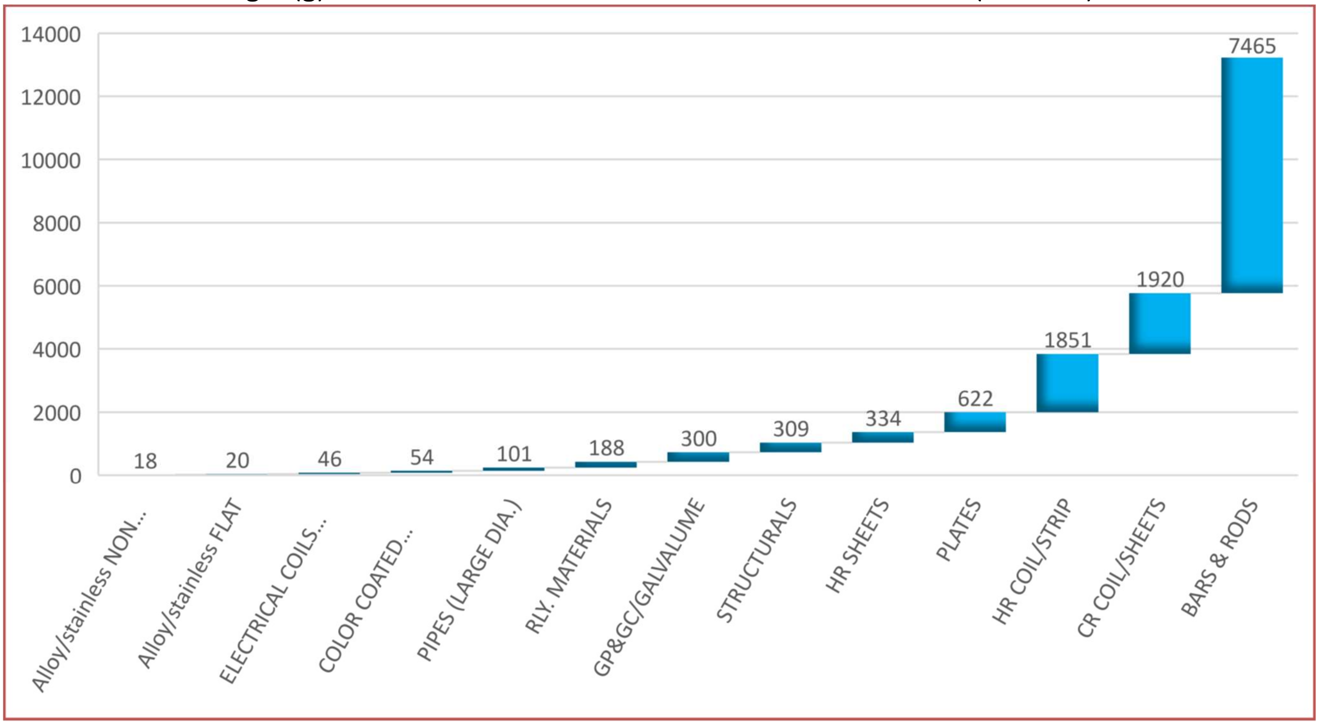
Fig. 2(f):- Trend in Stock of Finished Steel at Each Month-End (in million tonnes)



Source: JPC

- As export was lowered as well as domestic consumption was less in Mar 2020, the **stock** has increased by 1.9% at the end of Mar 2020 over the previous month-end and reached at **13.29 million tonnes**.

Fig. 2(g):- Item-wise Stock of Steel at the end of Mar 2020 (in '000T)



Source: JPC

- As on 31st Mar 2020, **7.465 million tonnes of Bars&Rods are , 1.92 million tonnes of CRC and 1.692 million tonnes HRC** are in stock.

c) Import & Export of Finished Steel

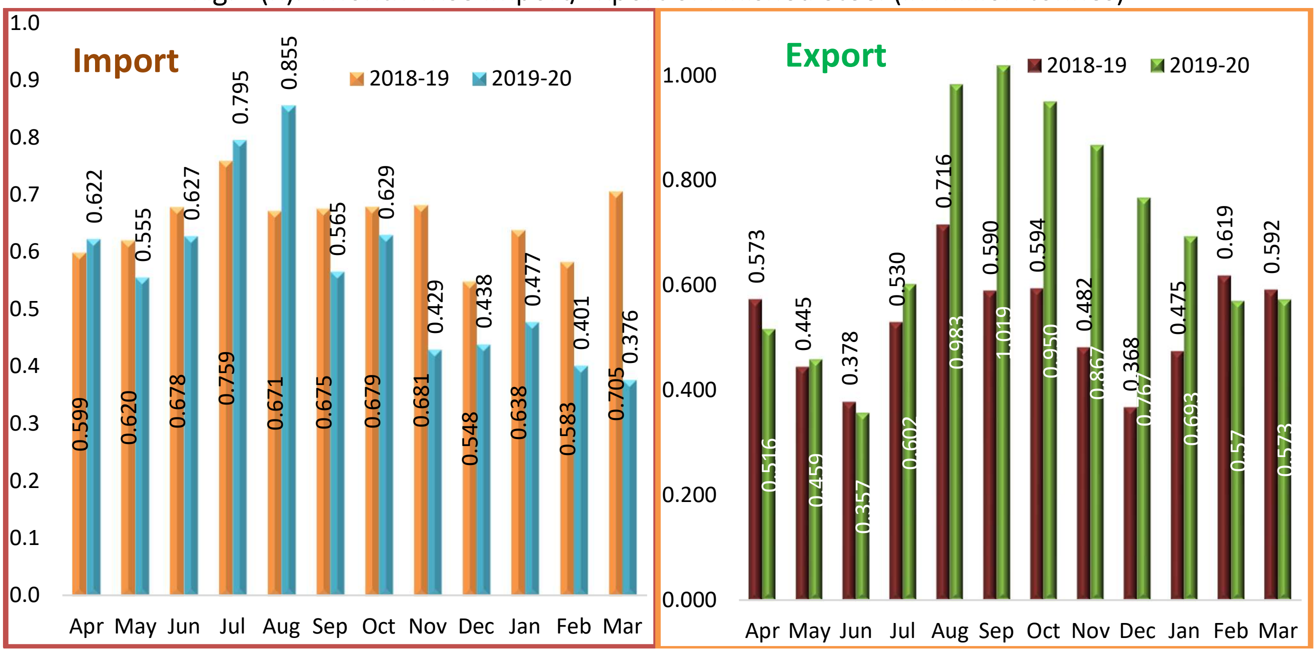
Table: 2(g).- Import/Export of Finished Steel (in '000 Tonnes)

Import	Mar-20	Mar-19	% change	Apr-Mar 2019-20	Apr-Mar 2018-19	% change
Non-Alloy						
Non-Flat	21	63	-67.2	362	462	**-21.7**
Flat	265	472	-43.8	4428	5483	**-19.2**
Non-Alloy - Total	**286**	**535**	**-46.6**	**4790**	**5946**	**-19.4**
Alloy/Stainless						
Non-Flat	14	27	-47.2	379	591	-35.8
Flat	76	144	-47.2	1599	1298	23.1
Alloy - Total	**90**	**170**	**-47.2**	**1978**	**1889**	**4.7**
Import – Total	**376**	**705**	**-46.7**	**6768**	**7835**	**-13.6**
Export	**Mar-20**	**Mar-19**	**% change**	**Apr-Mar 2019-20**	**Apr-Mar 2018-19**	**% change**
Non-Alloy						
Non-Flat	36	71	-49.1	669	706	-5.2
Flat	489	480	1.9	6920	5067	36.6
Non-Alloy - Total	**525**	**551**	**-4.7**	**7589**	**5773**	**31.5**
Alloy/Stainless						
Non-Flat	13	18	-29.0	266	277	-4.2
Flat	35	23	53.4	501	311	61.0
Alloy - Total	**48**	**41**	**16.5**	**766**	**588**	**30.3**
Export – Total	**573**	**592**	**-3.2**	**8355**	**6361**	**31.4**

Source: JPC

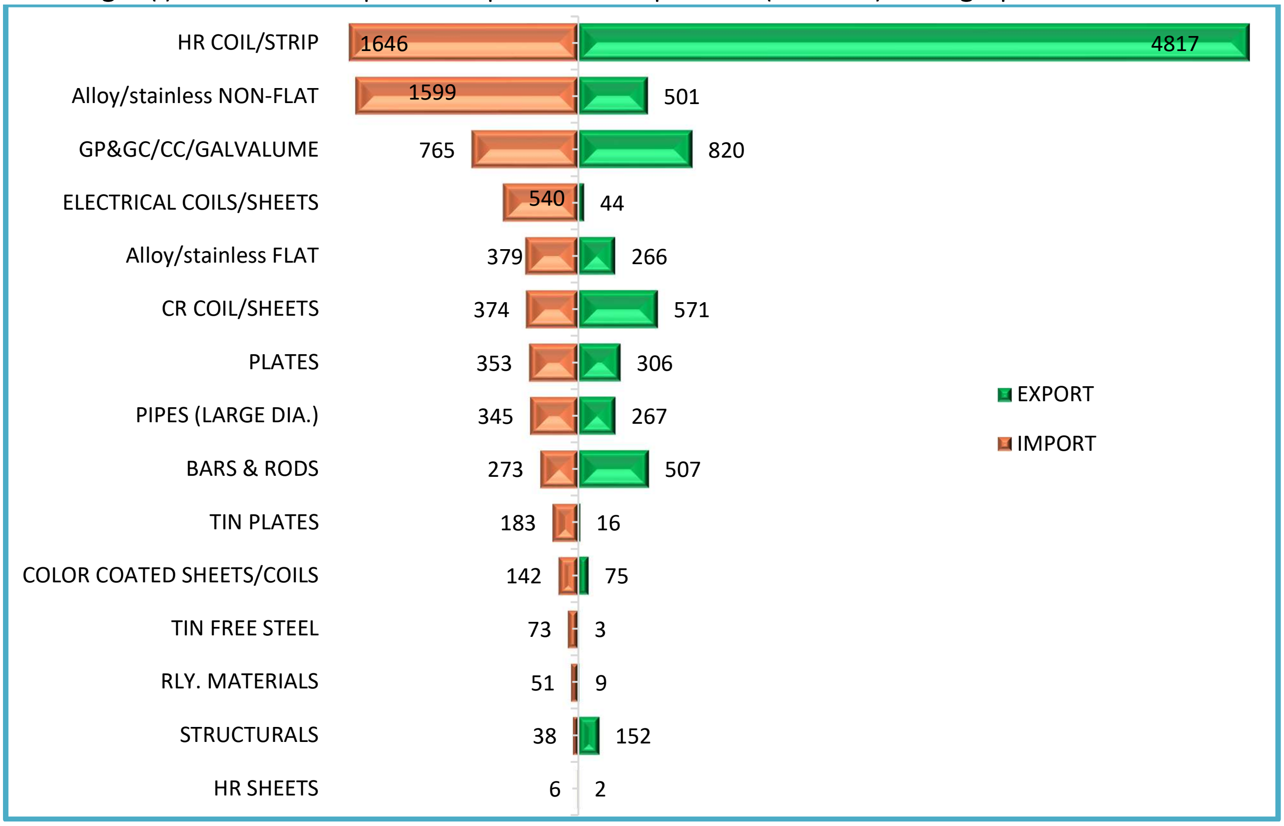
- As trade was suspended due to world-wide lockdown to contain Corona virus outbreak during Mar 2020, both import and export was declined by 46.67% and 3.2% respectively over Mar 2019.
- India is net exporter in FY20 with 1.587 million tonnes of Finished steel. Mainly export of Flat product contributed in net export status of India in FY20.

Fig. 2(h).- Month-wise Import/Export of Finished Steel (in million tonnes)



Source: JPC

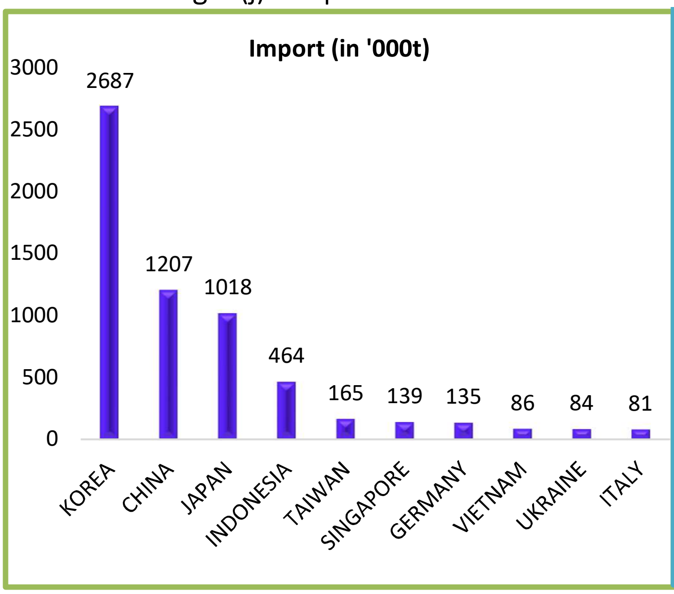
Fig. 2(i):- Item-wise Export & Import of Steel product (in '000T) during Apr-Mar 2019-20

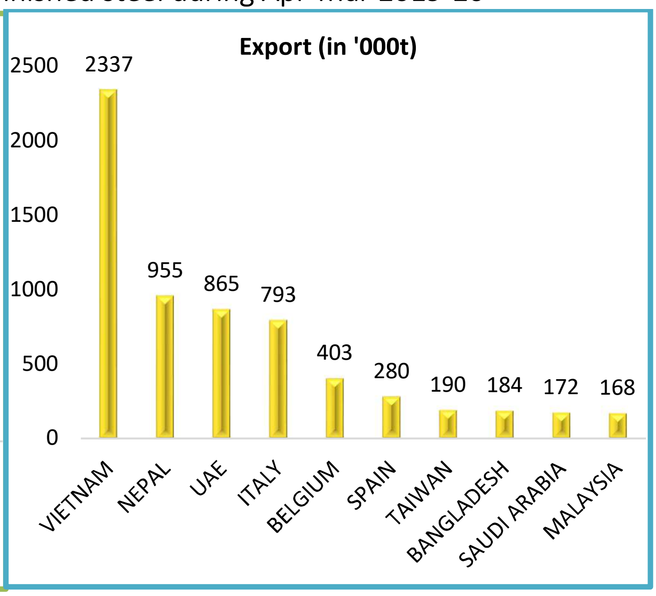


Source: JPC

- **4.817 million tonnes** of **HRC** was **exported** in Apr-Mar 2019-20 out of which 2.312 million tonnes was exported to Vietnam (around 48%). Mostly **HRC** and **Alloy/Stainless** steel was **imported** with 1.646 million tonnes and 1.599 million tonnes respectively. Almost 70% of HRC was imported from Korea and 36% of Alloy/Stainless Steel was imported from China.
- **Vietnam** is the **top-most destination** country for export of Indian steel whereas S. **Korea** is the **top-most source country** for import of steel in India.

Fig. 2(j):- Top 10 countries in Trade of finished steel during Apr-Mar 2019-20





Source: JPC

Table: 2(h).- Export to Top two destination Countries in FY20 (Qty in '000T, Vlu in Rs Cr)

Steel Products	VIETNAM		NEPAL		Total Export	
	Quantity	Value	Quantity	Value	Quantity	Value
Bars & Rods	0.17	1.23	210.06	703.19	506.95	1961.75
Struct.	0.00	0.00	91.32	308.96	152.36	553.00
Rly. Matrls.	0.00	0.00	2.59	16.63	9.26	55.55
Plates	0.00	0.00	30.63	122.40	305.88	1203.35
HR Shts	0.00	0.00	0.00	0.01	1.55	6.98
HR Coils/ Strips	2312.14	7305.42	482.25	1653.35	4816.56	15630.17
CR Coils/ Sheets	3.53	13.85	117.19	484.04	571.31	2286.35
GP / GC Coated	0.29	2.12	0.18	1.51	895.74	4755.20
Elect. Sheets	0.51	7.15	0.09	1.23	43.54	279.51
Tin Plates	0.00	0.00	10.29	64.22	16.15	102.03
Tin Free Steel	0.00	0.00	0.01	0.09	2.56	21.57
Pipes	0.00	0.00	7.46	37.01	267.17	1333.98
Non-Alloy	2316.64	7329.77	952.07	3392.64	7589.03	28189.44
Alloy / Stainless	20.68	188.89	3.00	24.95	766.34	8537.03
GRAND TOTAL	**2337.32**	**7518.66**	**955.07**	**3417.59**	**8355.37**	**36726.47**

Source: JPC

- During FY20, Mostly HRC was exported to Vietnam and it is 98.9% of total export to Vietnam and 48% of total HRC export. HRC was also export to Nepal which is 50% of total export to Nepal and 10% of total HRC export in FY20. A huge amount of Bars&Rods was also exported to Nepal which is 22% of total export to Nepal and 41% of total Bars&Rods export in FY20.

Table: 2(i).- Import from Top three Source Countries (Qty in '000T, Vlu in Rs Cr)

Steel Products	KOREA		CHINA		JAPAN		Total Import	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Bars & Rods	66.82	325.40	21.62	107.75	1.82	14.03	273.08	1228.86
Struct.	6.30	28.50	7.43	62.27	4.81	26.93	37.60	218.34
Rly. Matrls.	0.00	0.00	1.08	7.42	38.53	291.17	51.09	387.19
Plates	145.48	720.33	31.77	184.32	5.68	81.52	352.82	1787.48
HR Shts	0.00	0.00	0.00	0.00	4.98	18.86	6.07	24.39
HR Coils/ Strips	1144.98	4806.88	87.33	382.27	350.39	1389.29	1646.06	6820.64
CR Coils/ Sheets	244.06	1281.75	31.96	151.15	70.35	306.19	374.36	1896.25
GP / GC Coated	433.20	3022.98	121.53	670.91	213.82	1258.42	907.38	5789.55
Elect. Sheets	181.78	1071.97	78.71	839.26	59.84	808.71	539.66	4139.56
Tin Plates	11.50	55.29	8.70	48.06	26.31	147.67	183.48	845.69
Tin Free Steel	9.49	41.98	7.61	42.98	23.05	104.84	73.32	316.00
Pipes	21.83	158.39	104.23	837.25	12.28	146.11	344.77	2761.68
Total	2265.44	11513.47	501.97	3333.64	811.86	4593.74	4789.69	26215.63
Alloy / Stainless	421.46	3167.91	704.63	5506.96	206.22	1971.84	1977.92	18466.98
GRAND TOTAL	**2686.90**	**14681.38**	**1206.60**	**8840.60**	**1018.08**	**6565.58**	**6767.61**	**44682.61**

Source: JPC

- During FY20, Mostly HRC and Alloy/Stainless steel were imported from Korea which were 43% and 16% of total import from Korea. From China, mostly Alloy/Stainless steel and GP/GC were imported. Japan was source for importing HRC, GP/GC and Alloy/Stainless steel.

2.8 Iron Ore

a) Production of Iron Ore

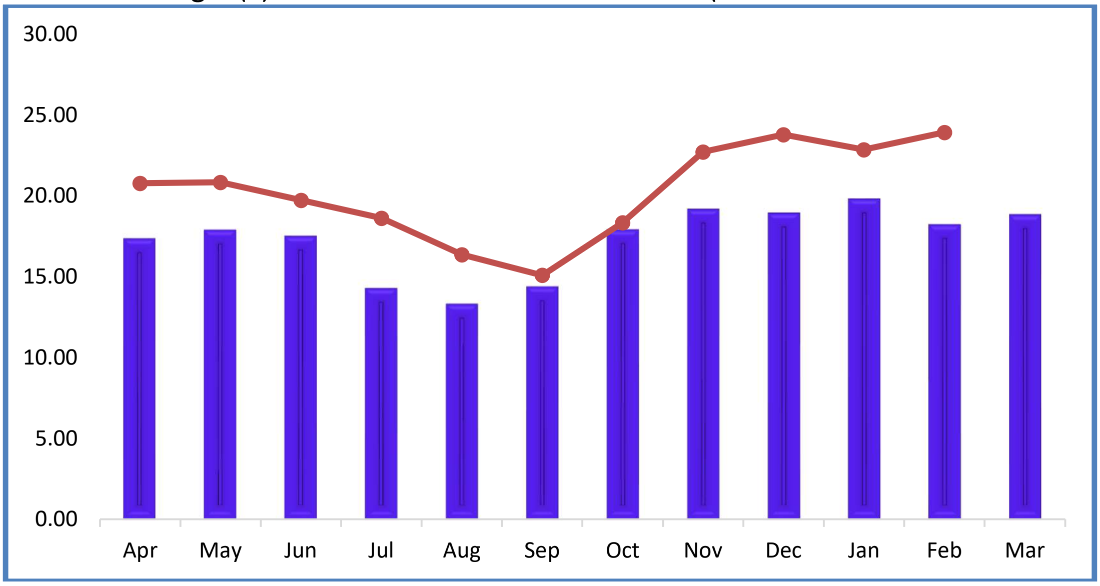
- During **Feb 2020**, **production** of **Iron Ore** was **23.947 million tonnes,** increased by 31.25% over Feb 2019 and up by 4.7% over Jan 2020. Production during **Apr-Feb 2019-20 was 223.18 million tonnes** having increased by 18.14% over the same period of previous year.

Table: 2(j):- Production of Iron Ore in India (in million tonnes)

	Feb-20	Feb-19	% change	Apr-Feb 2019-20	Apr-Feb 2018-19	% change
Production#	23.94	18.24	31.25%	223.16	188.91	18%

Source: # - JPC, @ - DGCI&S, trade inc pellets

Fig. 2(k):- Trend in Production of Iron Ore (in million tonnes



Source: JPC

b) Trade of Iron Ore

- During **Apr-Mar 2020, export of Iron Ore (inc Pellet) was 36.43 million tonnes**, having **increased by 125%** over the same period of previous year, while **import was 1.24 million tonnes**, having **decreased by 90%** during the same period.

Table: 2(k):- **Export of Iron Ore/Pellet (Quantity million tonnes, Value Rs Cr)**

Description	**2018-19**			**2019-20(P)**			**% growth (Qty)**
	Quantity	**Value**	**% share**	**Quantity**	**Value**	**% share**	
Iron Ore Lumps	0.831	313.89	5%	1.479	878.08	4%	78%
Iron Ore Fines	5.955	1616.10	37%	22.332	8332.26	61%	275%
Iron Ore Conc	0.001	0.14	0%	0.083	24.53	0.2%	10554%
Pellets	9.412	7334.43	58%	12.534	9319.98	34%	33%
Iron Ore	16.199	9264.56	100%	36.428	18554.84	100%	125%

Source: JPC & Commerce

Table: 2(l):- **Import of Iron Ore/Pellet (Quantity million tonnes, Value Rs Cr)**

Description	2018-19			2019-20(p)			% growth (Qty)
	Quantity	Value	% share	Quantity	Value	% share	
Iron Ore Lumps	3.196	1973.58	25%	0.543	452.18	44%	-83%
Iron Ore Fines	8.436	2897.68	66%	0.223	129.13	18%	-97%
Iron Ore Conc.	0.533	353.24	4%	0.421	305.77	34%	-21%
Pellets	0.640	683.33	5%	0.054	44.32	4%	-92%
Iron Ore	12.804	5907.82	100%	1.240	931.41	100%	-90%

Source: JPC & Commerce

- South Africa, Brazil, and Australia are the top most countries from where Iron Ore/Pellet was imported in Apr-Mar 2019-20.

Table: 2(m):- **Import of Iron Ore---Top 4 country (Quantity million tonnes, Value Rs Cr)**

Country	2018-19			2019-20(p)			% growth (Qty)
	Quantity	Value	% share	Quantity	Value	% share	
SOUTH AFRICA	2.653	1760.21	21%	0.543	451.99	44%	-80%
BRAZIL	1.873	1046.73	15%	0.301	229.05	24%	-84%
AUSTRALIA	7.217	2145.12	56%	0.171	87.45	14%	-98%
CANADA	0.164	107.99	1%	0.119	74.78	10%	-27%
OTHERS	0.913	730.22	10%	0.898	847.76	7%	0.106
GRAND TOTAL	**12.804**	**5907.82**	**100%**	**1.240**	**931.412**	**100%**	**-90%**

Source: JPC & Commerce

- China is the top most country where Iron Ore/Pellet was exported.

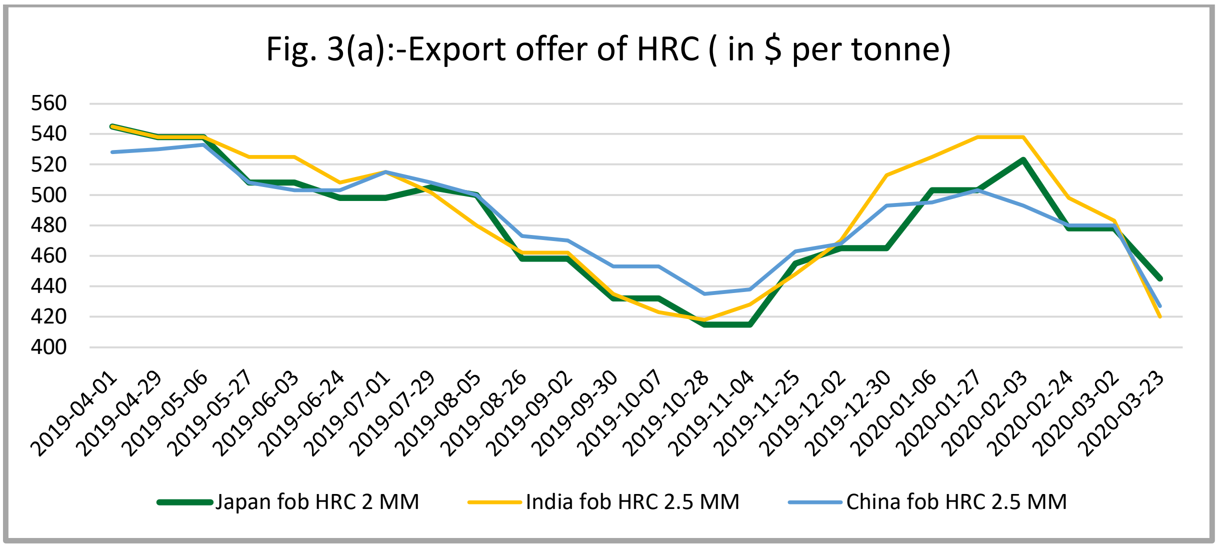
Table: 2(n):- **Export of Iron Ore--- Top 9 country wise (Quantity million tonnes, Value Rs Cr)**

Country	2018-19			2019-20(P)			% growth
	Quantity	Value	% share	Quantity	Value	% share	
CHINA P RP	12.153	6708.52	75.0%	30.819	14598.45	84.6%	154%
JAPAN	1.160	605.31	7.2%	1.956	1283.91	5.4%	69%
KOREA RP	1.055	743.81	6.5%	1.016	718.66	2.8%	-4%
FRANCE	0.000	0.00		0.709	553.59	1.9%	
OMAN	0.253	174.58	1.6%	0.531	392.78	1.5%	110%
TURKEY	0.067	46.88	0.4%	0.433	333.36	1.2%	547%
MALAYSIA	0.344	157.32	2.1%	0.266	167.82	0.7%	-23%
U K	0.372	268.80	2.3%	0.184	146.26	0.5%	-50%
NEPAL	0.077	10.11	0.5%	0.117	36.87	0.3%	53%
Others	0.871	319.149	3.6%	0.719	549.233	4.4%	0.396
Grand Total	**16.199**	**9264.560**	**100.0%**	**36.428**	**18554.845**	**100.0%**	125%

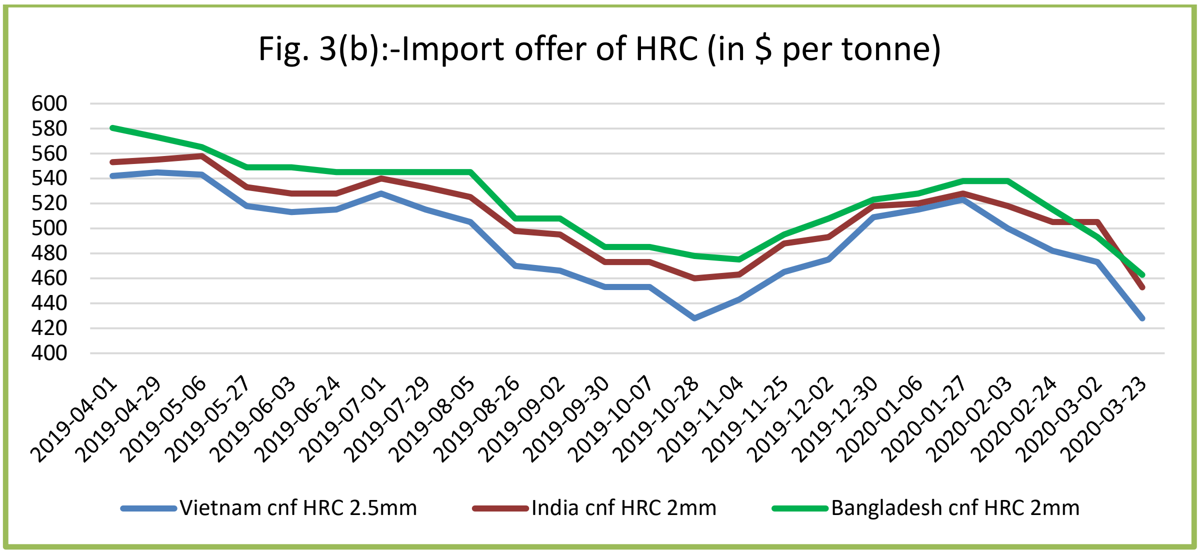
Source: JPC & Commerce

3. Price

- Export offer of Indian HRC and CRC decreased due to decline in international price amid less demand because of global level lockdown to contain COVID-19 outbreak.



Source: Steelmint



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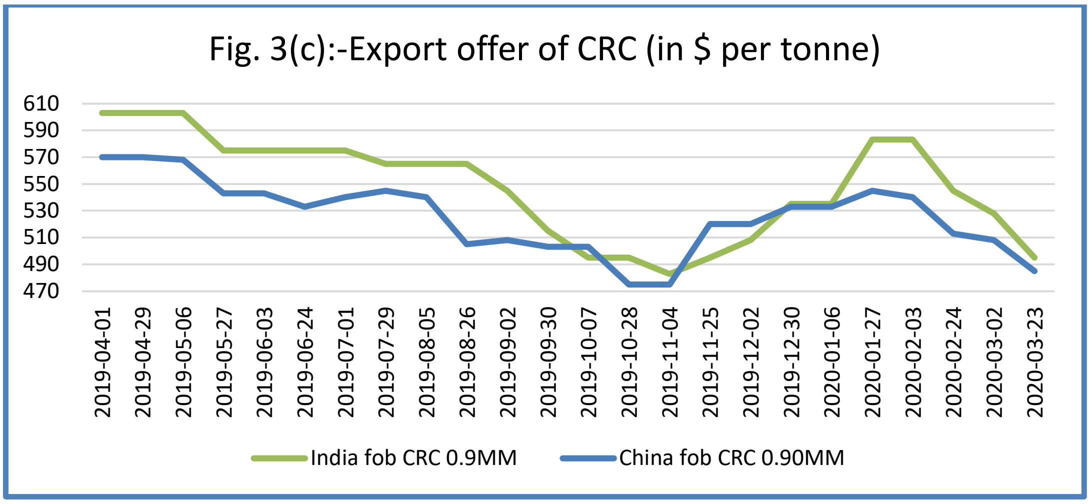
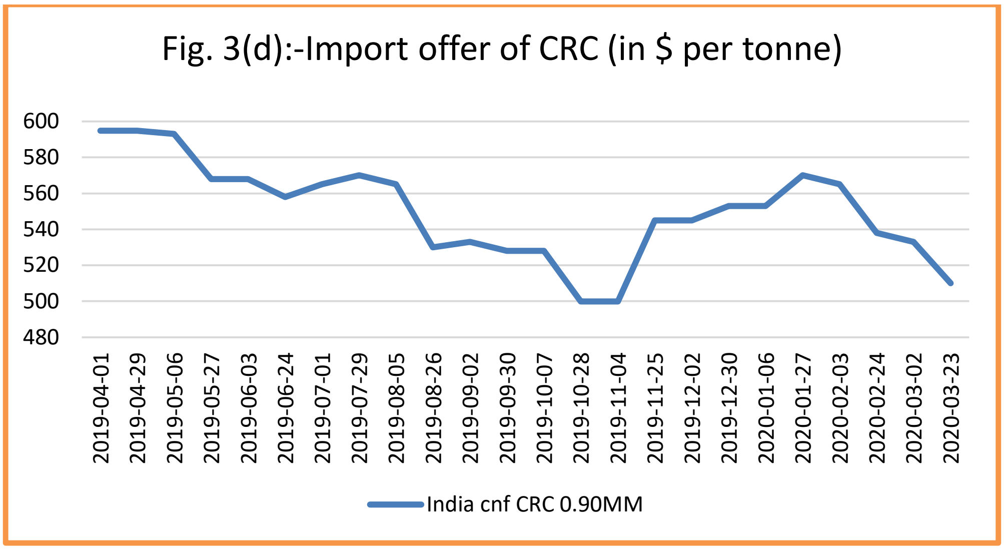
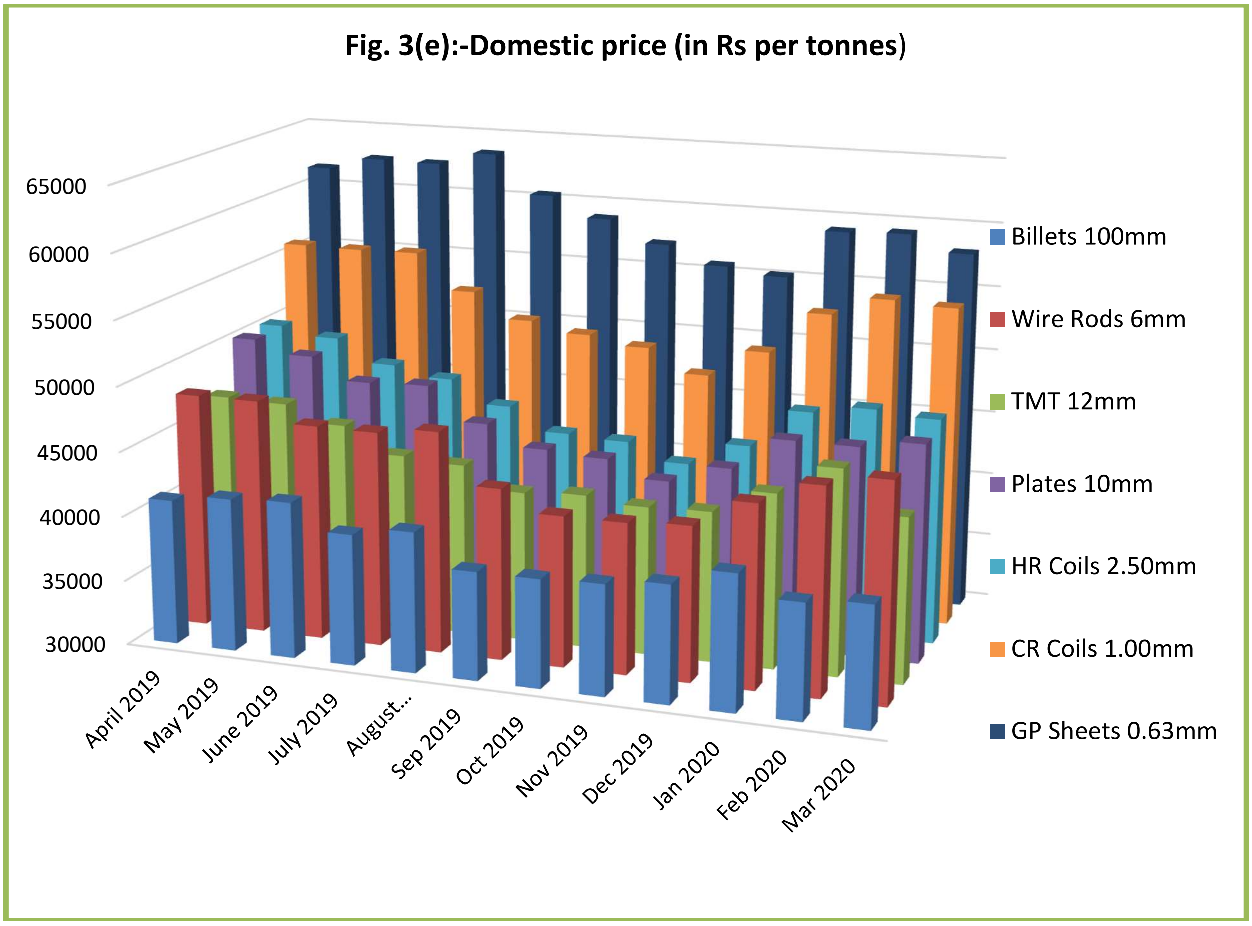


Source: Steelmint



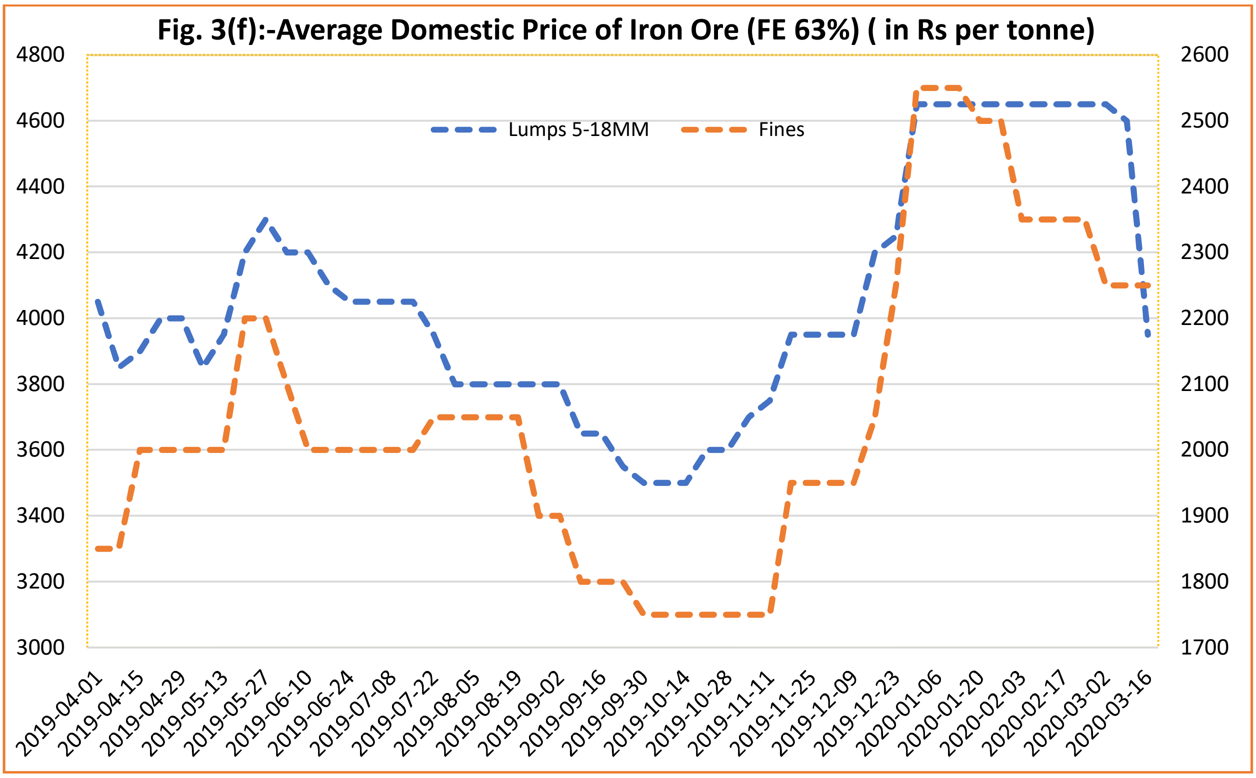
Source: Steelmint

- Low international price pushed domestic price to decrease. *Domestic steel prices for most of steel items decreased in Mar 2020 amid low domestic steel demand. For HRC and CRC, average domestic price decreased by 0.7% & 0.5% respectively over Feb 2020 (Domestic price based of Mumbai price). In this period, for Billet and wire rod, price increased by 1.1% and 1.9% respectively over Feb 2020 because of Chinese import from India while that of rebar, declined by 6.9% in this period because of less domestic demand.*

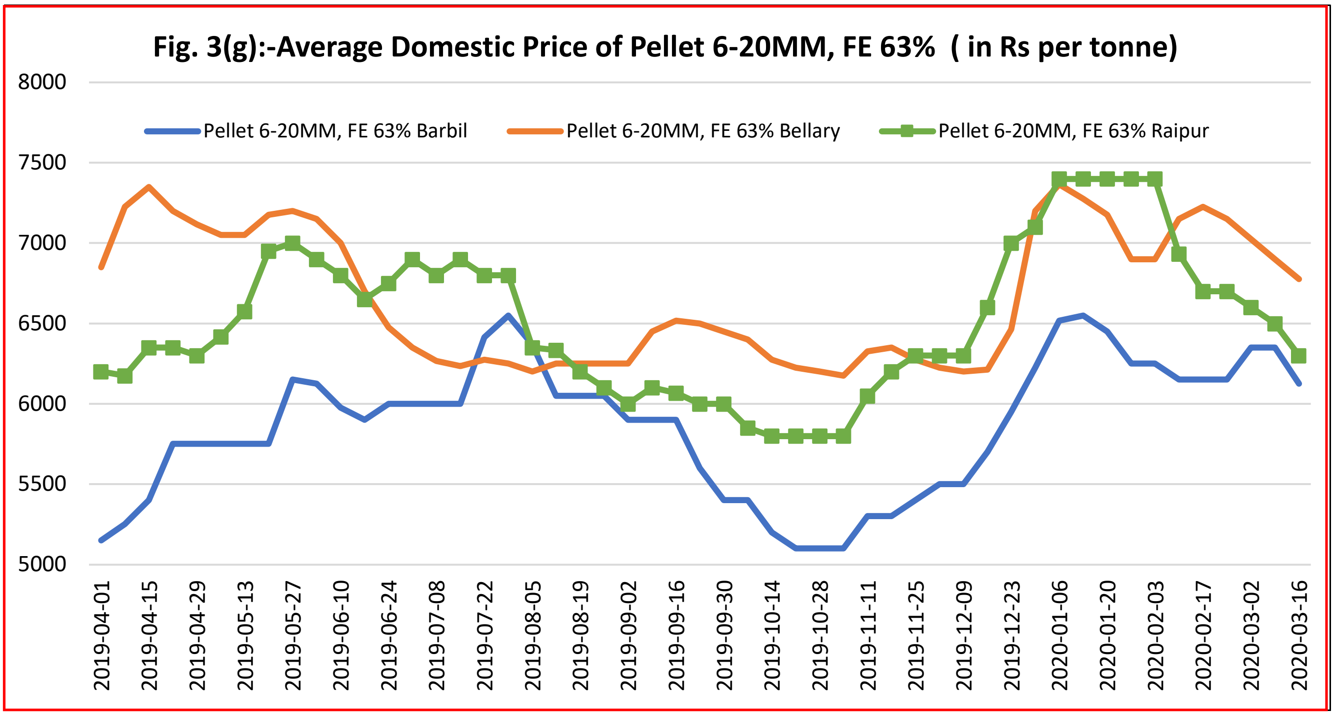


Source: JPC

➢ In Mar 2019, domestic price of Iron Ore was cut by both NMDC and Odisha's Serajuddin mines. Raipur Pellet price was also declined amid no trade.



Source: Steelmint



Source: Steelmint