



**Monthly Analysis
(April, 2019)**

Major Highlights during April, 2019

- China, **world's largest producer of crude steel**, has produced 85.03 Mt of crude steel in April, 2019, which is the highest in the last 12 months.
 - India has continued to remain in **second position** in crude steel production, having produced 8.79 MT of crude steel in April, 2019.
 - Japan, the **third largest producer** of crude steel in the world, has produced 8.65 MT of crude steel, having decreased by 0.8% over April, 2018.
 - The capacity utilisation in production of crude steel in the country has increased from 75.3% in April, 2018 to 76.4% in April, 2019.
 - During April, 2019, production of finished steel was 10.523 MT having recorded a positive growth rate of 0.4% over April, 2018.
 - While consumption of finished steel during April, 2019 was 7.506 MT which has increased by 6.4% over April, 2018.
 - During April, 2019, Import of finished steel was 0.586 MT having recorded a negative growth rate of -2.2% over April, 2018.
 - While export of finished steel during April, 2019 was 0.397 MT which has decreased by 30.6% over April, 2018.
 - India is net importer in trade of finished steel in April 2019.
 - During April, 2019, production of iron ore was 20.779 MT having increased by 19.6% over April, 2018.
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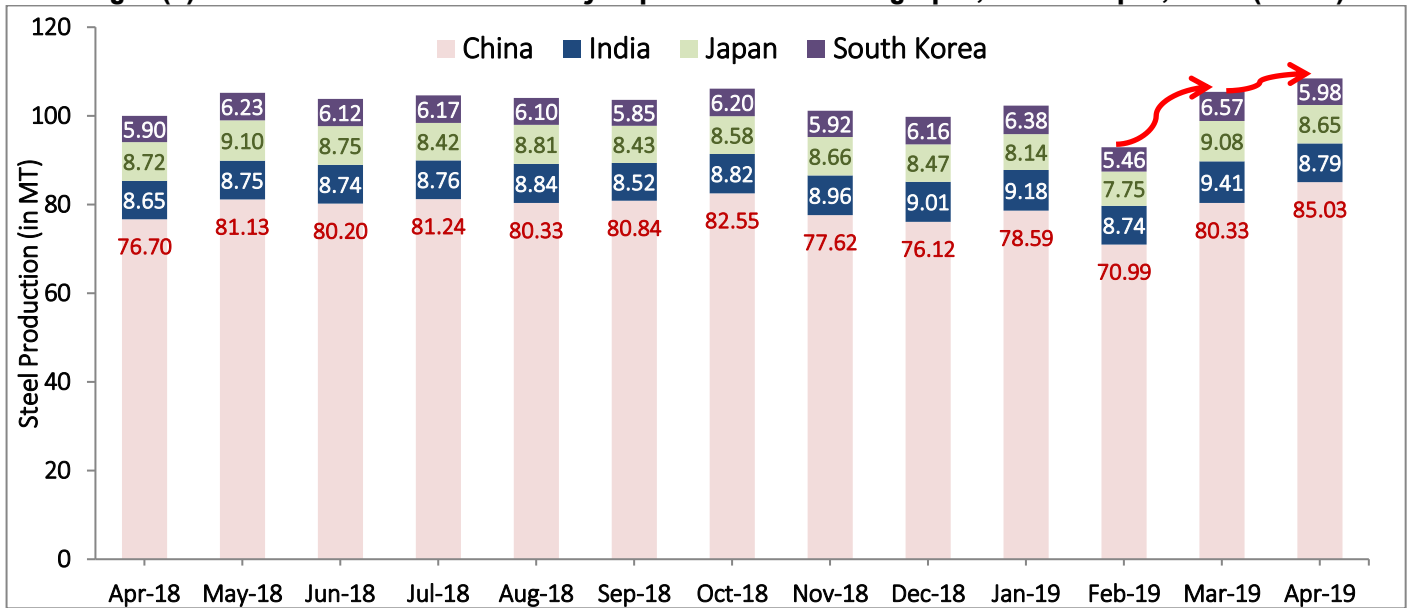
1. World Crude Steel Production

Table: 1(a):- Top Crude Steel Producing Countries (in MT)

	Apr-19	Apr -18	% Change		Jan-Apr, 2019	Jan-Apr, 2018	% Change	
China	85.03	75.45		12.7	314.94	285.51		10.3
India	8.79	8.65		1.5	36.12	36.06		0.2
Japan	8.65	8.72	-0.8		33.62	35.12	-4.3	
South Korea	5.98	5.90		1.4	24.39	23.71		2.8
Other Countries	48.23	48.52	-0.6		190.16	191.75	-0.8	
World	156.67	147.25		6.4	599.84	572.15		4.8

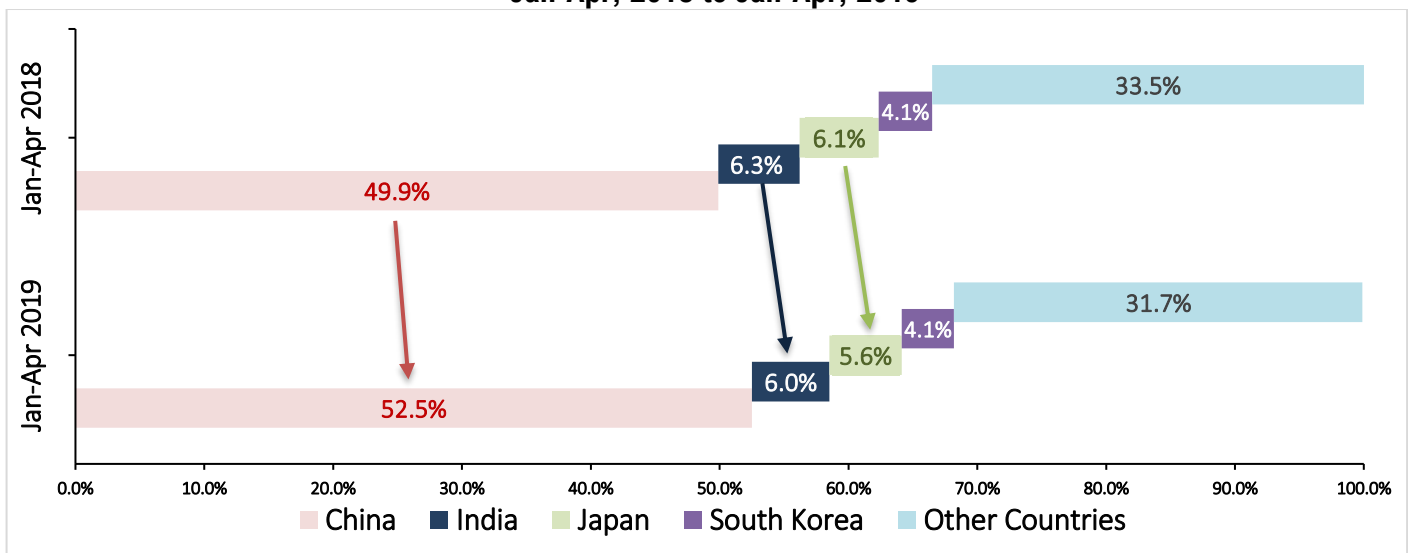
Source: @ WSA; # JPC

Fig. 1(a):- Trend in Steel Production by Top 4 Countries during April, 2018 to April, 2019 (in MT)



➤ Production of crude steel in all top steel producing countries reduced in February, 2019 due to disturbance in Iron Ore supply from Brazil and Australia and trade war; however, gradually those countries are coming back in track, overcoming that situation.

Fig. 1(b) Change in Share in Production of Crude Steel by Top 4 Countries From Jan-Apr, 2018 to Jan-Apr, 2019



2. Performance of India's Steel Sector

2.1 Production of Crude Steel

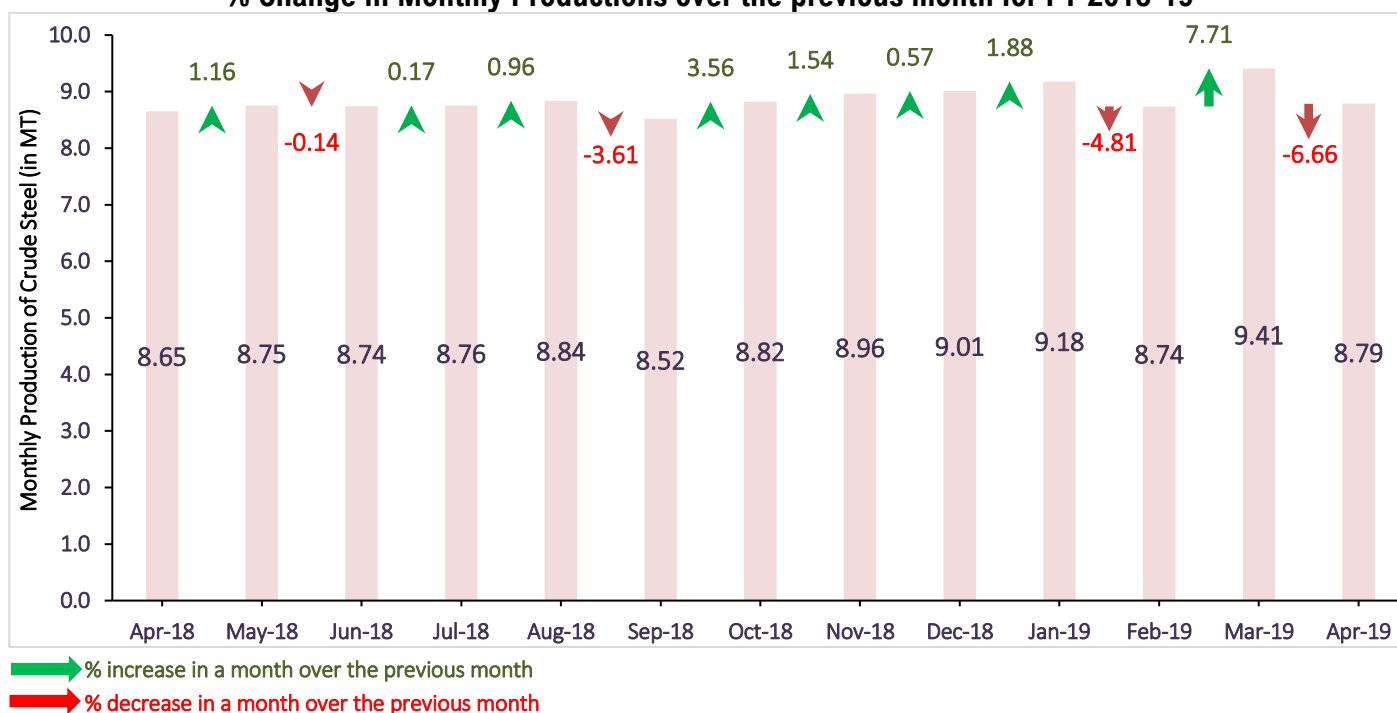
Table: 2(a):- Producer wise Production of Crude Steel in India (in MT)

Producers	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
SAIL	1.184	1.247	-5.1	5.520	5.253	5.1
RINL	0.415	0.419	-1.0	1.750	1.780	-1.7
TSL	1.077	1.081	-0.4	4.538	4.134	9.8
ESSAR	0.618	0.533	16.1	2.378	2.272	4.7
JSWL	1.406	1.390	1.1	5.609	5.741	-2.3
JSPL	0.505	0.381	32.4	1.988	1.642	21.1
Other Producers	3.580	3.602	-0.6	14.332	15.236	-5.9
Total	8.785	8.653	1.5	36.115	36.058	0.2
Production by PSU	1.599	1.666	-4.0	7.270	7.033	3.4
% Share of PSU	18.202	19.254		20.130	19.504	

Source: JPC

- JSWL, the largest producer of crude steel in India, has produced 1.406 MT of crude steel during April, 2019; while, among the PSUs, SAIL produced 1.184 MT of crude steel in April, 2019.

Fig. 2(a):- Monthly Production of Crude Steel (in MT) and % Change in Monthly Productions over the previous month for FY 2018-19



- Production of crude steel has decreased by 6.66% in April, 2019 w.r.t March, 2019.

2.2 Capacity Utilisation in Production of Crude Steel

- The capacity utilisation in production of crude steel in the country has increased from 75.3% in April, 2018 to 76.4% in April, 2019 while there is no capacity expansion reported by producers.
- Capacity utilisation by SAIL has decreased from 85.4% in April, 2018 to 81.1% in April, 2019.
- Among the producers in private sector, capacity utilisation of Tata Steel Ltd. (TSL) has decreased from 99.8% in April, 2018 to 99.4% in April, 2019.

Fig. 2(b):- Producer-wise Percentage Capacity Utilisation in April, 2019 vis-a-vis April, 2018

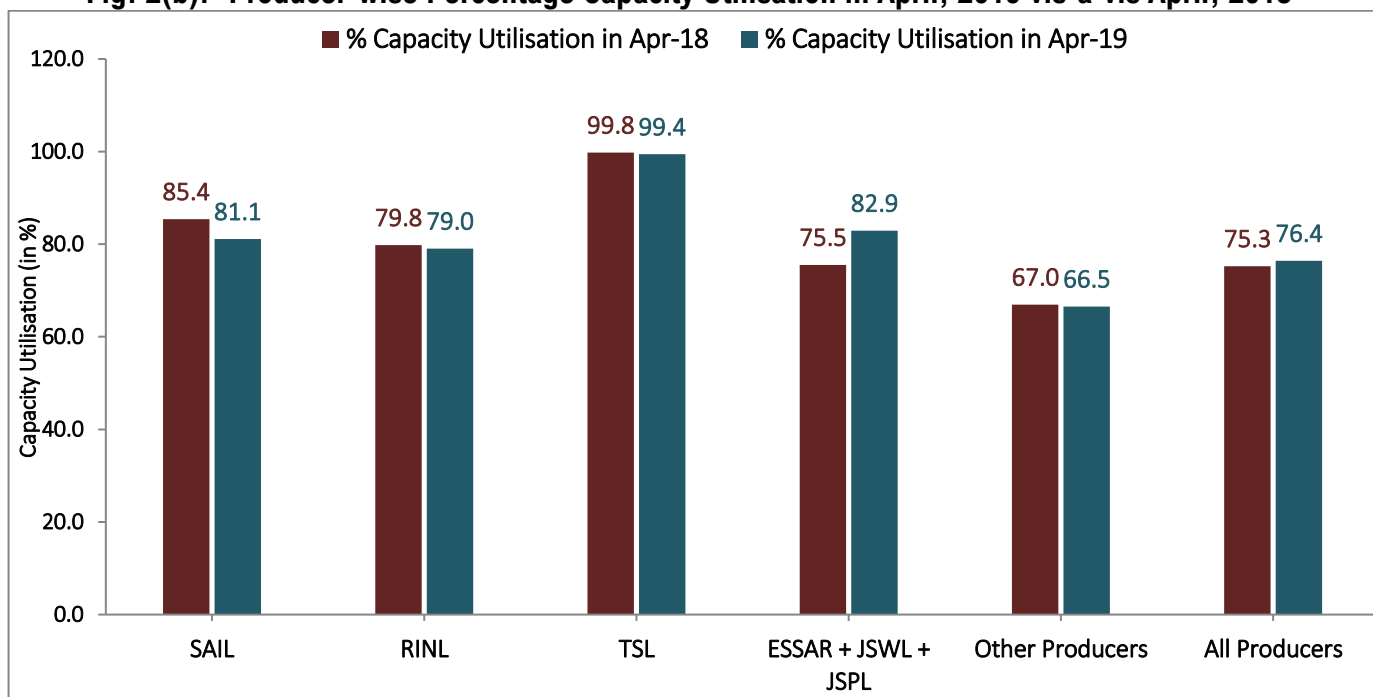
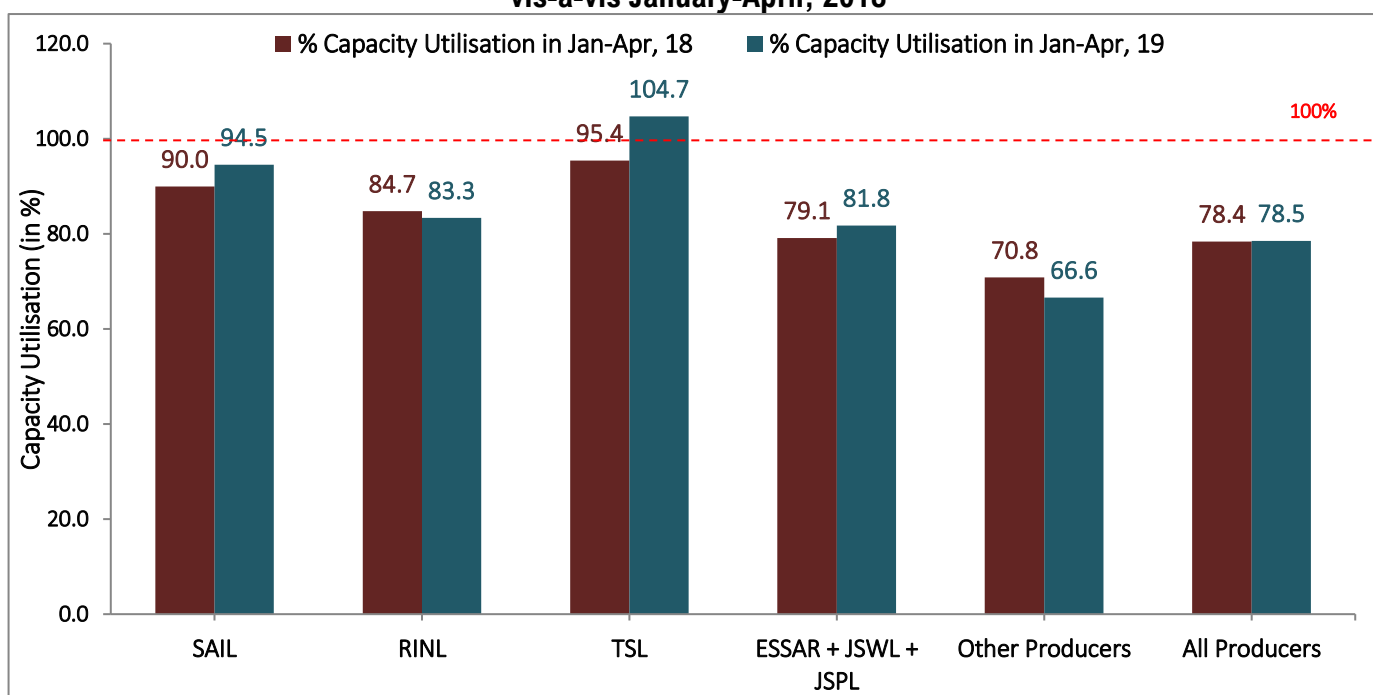


Fig. 2(c):- Producer-wise Percentage Capacity Utilisation in January-April, 2019 vis-a-vis January-April, 2018



2.3 Production of Hot Metal

- During April, 2019, production of hot metal was 5.88 MT having decreased by 0.5% over April, 2018.

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

Producers	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
SAIL	1.31	1.35	-3.0	5.980	5.591	7.0
RINL	0.46	0.47	-2.1	1.936	1.948	-0.6
TSL	1.13	1.16	-2.6	4.784	4.433	7.9
ESSAR	0.29	0.28	3.6	1.177	1.003	17.4
JSWL	1.28	1.29	-0.8	5.171	5.255	-1.6
JSPL	0.44	0.39	12.8	1.786	1.380	29.4
Other Producers	0.97	0.97	0.0	3.894	4.011	-2.9
Total	5.88	5.91	-0.5	24.728	23.621	4.7
Production by PSU	1.77	1.82	-2.8	7.916	7.539	5.0
% Share of PSU	30.07	30.81		32.012	31.917	

Source: JPC

2.4 Production of Pig Iron

- During March, 2019, production of pig iron was 0.540 MT which has increased by 4.4% over April, 2018.

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

Producers	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
SAIL	0.074	0.034	117.6	0.202	0.101	99.8
RINL	0.008	0.015	-46.7	0.033	0.043	-23.8
JSWL+JSPL	0.034	0.047	-27.7	0.167	0.129	29.9
Other Producers	0.424	0.421	0.7	1.705	1.745	-2.3
Total Production	0.540	0.517	4.4	2.107	2.018	4.4
Production by PSU	0.082	0.049	67.3	0.235	0.144	62.7
% Share of PSU	15.19	9.48		11.15	7.15	

Source: JPC

2.5 Production of Sponge Iron

- During April, 2019, production of sponge iron for sale was 2.838 MT recording a positive growth of 1.5% as compared to April, 2018.

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

Producers	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
ESSAR	0.432	0.370	16.8	1.610	1.564	3.0
JSWL	0.213	0.211	1.0	0.807	0.907	-11.0
JSPL	0.155	0.122	27.1	0.494	0.470	5.1
Other Producers	2.038	2.094	-2.7	8.127	8.149	-0.3
Total	2.838	2.797	1.5	11.038	11.089	-0.5

Source: JPC

2.6 Production, Consumption, Import and Export of Finished Steel

a) Production and Consumption of Finished Steel

- During April, 2019, production of finished steel was 10.523 MT having recorded a very low positive growth rate of **0.4%** over April, 2018.
- Consumption of finished steel during April, 2019 was 7.506 MT which has increased by **6.4%** over April, 2018 while this growth rate is less than average growth rate 8% of 2018-19.

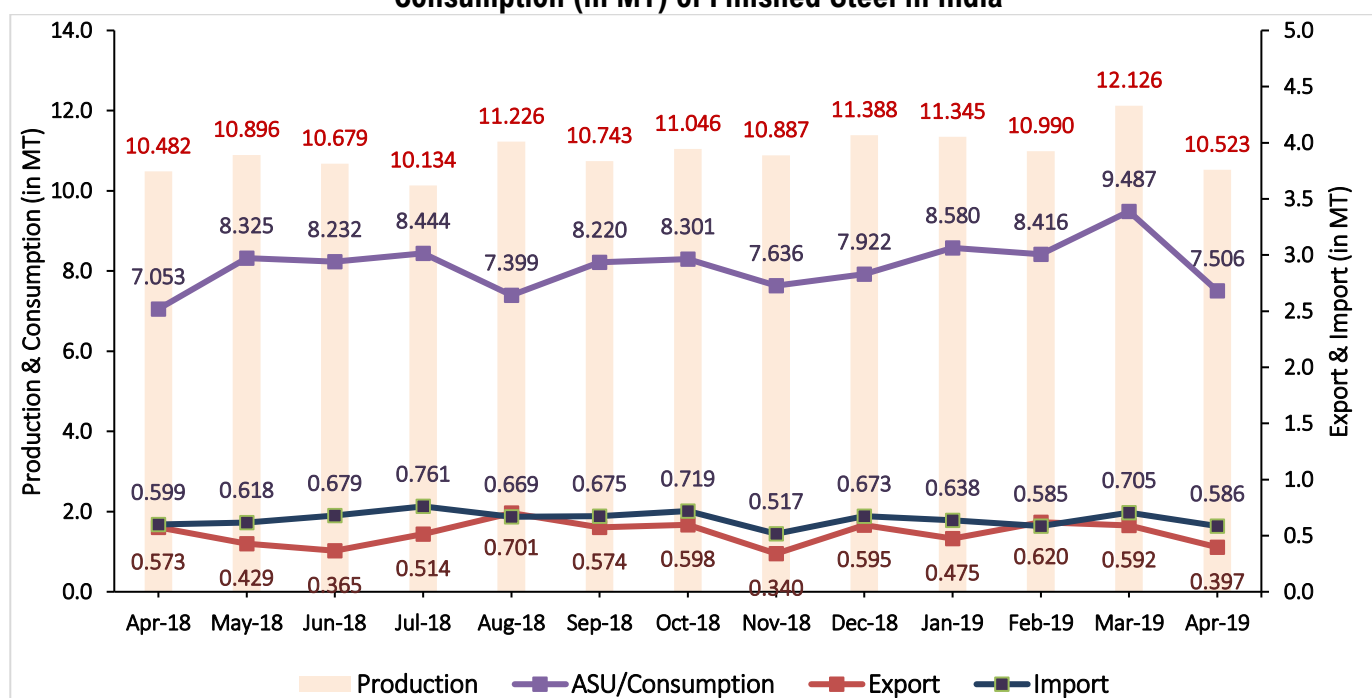
Table: 2(e):- Production and Consumption of Finished Steel in India (in MT)

Producers	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
SAIL	1.150	1.064	8.1	4.939	4.675	5.6
RINL	0.347	0.348	-0.3	1.435	1.444	-0.6
TSL	1.351	1.383	-2.3	5.573	4.977	12.0
ESSAR	0.897	0.928	-3.3	3.979	3.664	8.6
JSWL	1.907	1.963	-2.9	8.030	8.185	-1.9
JSPL	0.364	0.250	45.6	1.364	1.128	20.9
Other Producers	4.507	4.546	-0.9	19.666	20.088	-2.1
Total Production	10.523	10.482	0.4	44.984	44.161	1.9
Consumption	7.506	7.053	6.4	33.989	31.460	8.0
Production by PSU	1.497	1.412	6.0	6.374	6.119	4.2
% Share of PSU	14.23	13.47		14.17	13.86	

Source: JPC

- During the period of January-April, 2019, the production of finished steel was 44.984 MT having increased by **1.9%** over same period of previous year; while consumption during January-April, 2019 was 33.989 MT having increased by **8.0%** over same period of previous year.

Fig. 2(d)
Trend in Monthly Production, Import, Export and Consumption (in MT) of Finished Steel in India



- The **compound monthly growth rate (CMGR)**¹ of production of finished steel was **0.03%** while for consumption, it was **0.48%** from April, 2018 to April, 2019.
- The **compound monthly growth rate (CMGR)** for export of finished steel was **-2.77%**; while for import, it was **-0.17%** from April, 2018 to April, 2019.

b) Category-wise Import & Export of Finished Steel

Import	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
Non-Alloy						
Non-Flat	43.5	29.2		186.5	81.4	
Flat	415.9	427.8		1749.0	1459.7	
Non-Alloy - Total	459.4	458.0		1935.5	1542.1	
Alloy						
Non-Flat	31.0	77.8		139.0	148.4	
Flat	95.0	63.2		436.0	295.3	
Alloy - Total	126.6	140.9		575.6	443.7	
Import – Total	586.0	598.9		2511.1	1985.8	
Export	Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
Non-Alloy						
Non-Flat	38.7	43.8		234.7	349.9	
Flat	289.0	491.2		1647.0	2041.3	
Non-Alloy - Total	327.7	535.0		1881.7	2391.1	
Alloy						
Non-Flat	20.0	16.0		79.0	86.4	
Flat	50.0	22.2		124.0	112.7	
Alloy - Total	70.0	38.2		203.0	199.1	
Export – Total	397.7	573.2		2084.7	2590.3	
	Apr-19	Apr-18	Change	Jan-Apr, 2019	Jan-Apr, 2018	Change
Balance of Trade (Export – Import)	-188.3	-25.7	-162.6	-426.4	604.5	-1030.8
Import Intensity²	7.81%	8.49%	-0.69%	7.4%	6.3%	1.1%
Export Intensity³	5.30%	8.12%	-2.82%	6.1%	8.2%	-2.1%

Source: JPC

- During April, 2019, Import of finished steel was 0.586 MT having recorded a negative growth rate of -2.2% over April, 2018; while export of finished steel during April, 2019 was 0.397 MT which has decreased by 30.6% over April, 2018.

¹ CMGR (in %) = [(Fig. of Last Month/Fig. of First Month)^(1/13) – 1] * 100

² Import Intensity = (Import/Consumption)*100

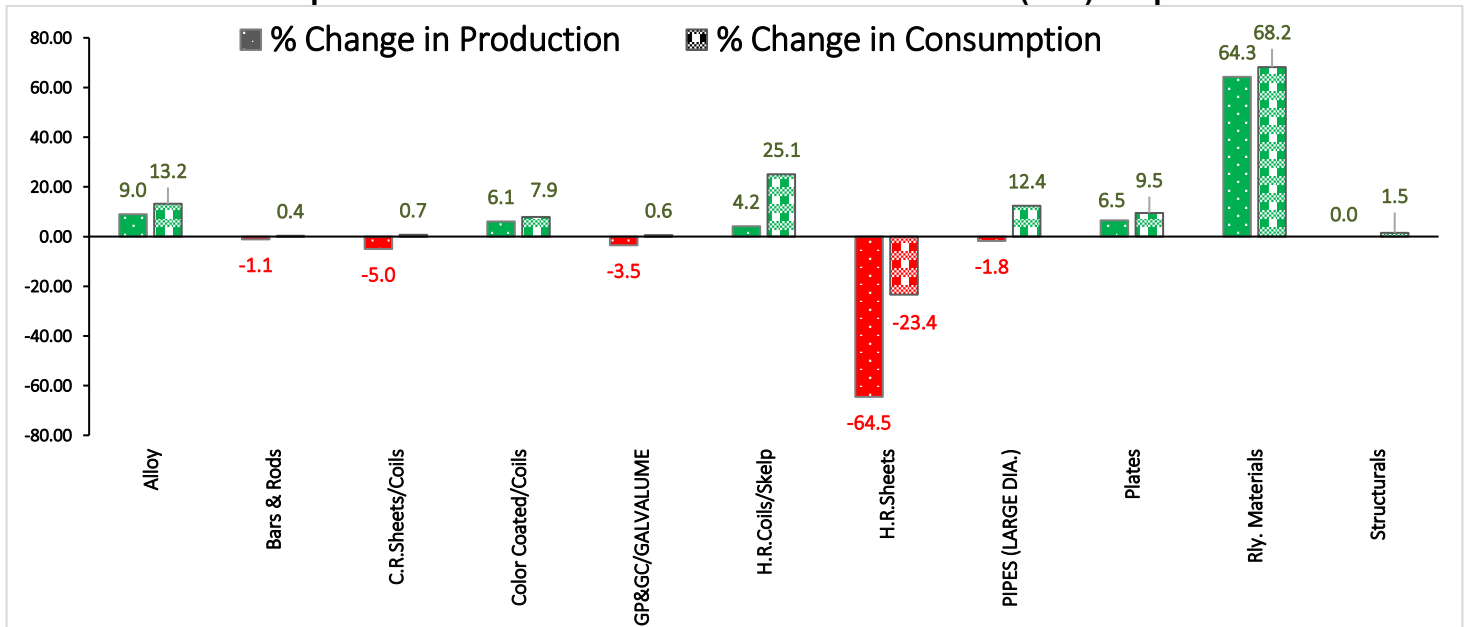
³ Export Intensity = (Export/Consumption)*100

2.7 Top 10 Items of Finished Steel w.r.t 2018-19 in Production, Consumption, Import and Export

Table: 2.(g)					
Top 10 items of Finished Steel wrt <u>Production</u> in Apr--19 and corresponding figures in Apr-18 (in MT)			Top 10 items of Finished Steel wrt <u>Consumption</u> in Apr--19 and corresponding figures in Apr-18 (in MT)		
Items	Apr-18	Apr-19	Items	Apr-18	Apr-19
H.R.Coils	2.979	3.103	Bars & Rods	2.507	2.516
Bars & Rods	3.032	2.998	H.R.Coils	0.938	1.174
C.R. Sheets/Coils	1.221	1.160	Alloy	0.772	0.874
Alloy	0.857	0.934	Structurals	0.638	0.647
Structurals	0.670	0.670	GP & GC/GALVALUME	0.545	0.549
GP & GC/GALVALUME	0.629	0.607	C.R. Sheets/Coils	0.519	0.523
Plates	0.460	0.490	Plates	0.425	0.465
PIPES (LARGE DIA.)	0.171	0.168	PIPES (LARGE DIA.)	0.166	0.186
Rly. Materials	0.084	0.138	H.R.Sheets	0.205	0.157
Color Coated/Coils	0.115	0.122	Rly. Materials	0.092	0.155
Total Production	10.482	10.523	Total Consumption	7.053	7.506

Fig: 2(e)

**% Change in Apr-19 over Apr-18 in Production & Consumption
of Top 10 items of Finished Steel Produced and Consumed (ASU) in Apr-19**



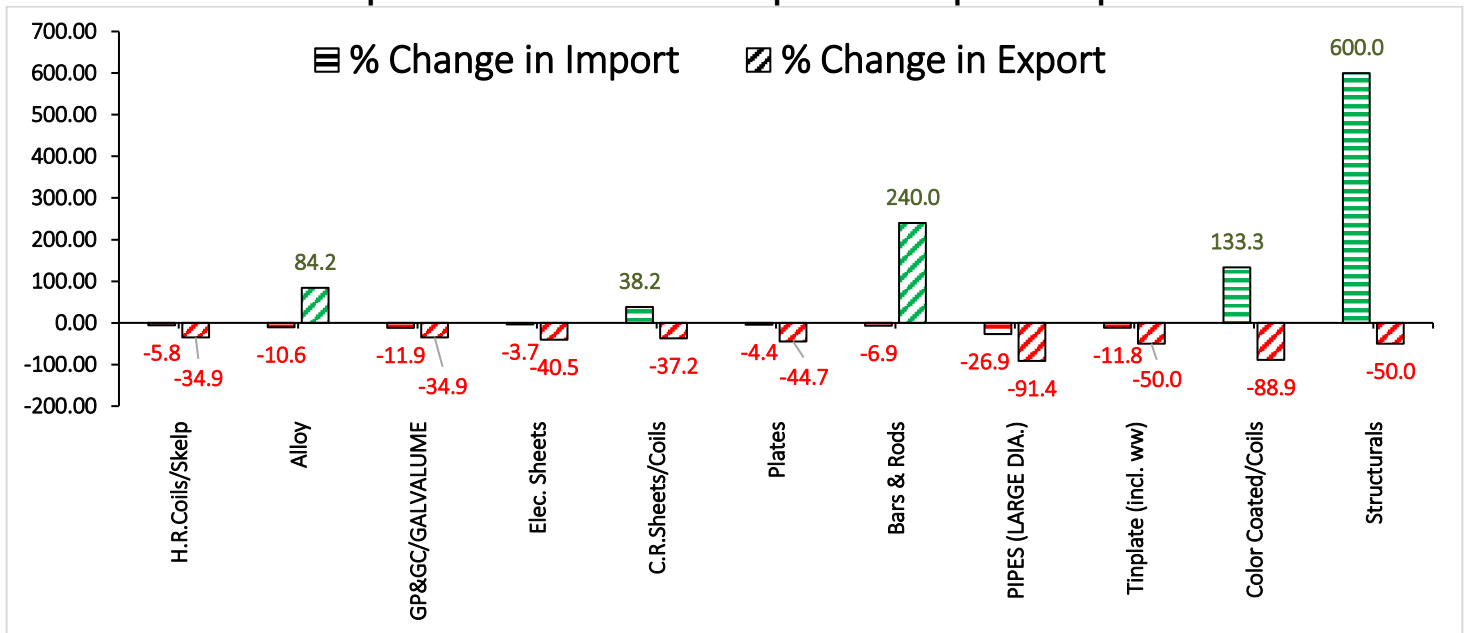
Green denotes increase Red denotes decrease

- Increase in Production and consumption of finished steel influenced by items like **HR Coils** and **Alloy** etc.

Top 10 items of Finished Steel Imported in Apr--19 and corresponding figures in Apr-18 (in MT)			Top 10 items of Finished Steel Exported in Apr--19 and corresponding figures in Apr-18 (in MT)		
Items	Apr-18	Apr-19	Items	Apr-18	Apr-19
H.R.Coils	0.154	0.145	H.R.Coils	0.232	0.151
Alloy	0.141	0.126	Alloy	0.038	0.070
GP & GC/GALVALUME	0.084	0.074	GP&GC/GALVALUME	0.083	0.054
Elec. Sheets	0.054	0.052	C.R.Sheets/Coils	0.084	0.050
C.R.Sheets/Coils	0.034	0.047	Plates	0.043	0.027
Plates	0.045	0.043	Bars & Rods	0.038	0.021
Bars & Rods	0.029	0.027	Structurals	0.005	0.017
PIPES (LARGE DIA.)	0.026	0.019	PIPES (LARGE DIA.)	0.035	0.003
Tinplate (incl. ww)	0.017	0.015	Color Coated/Coils	0.004	0.002
Color Coated/Coils	0.006	0.014	Elec. Sheets	0.009	0.001
Total Import	0.599	0.586	Total Export	0.573	0.398

- The import of finished steel mainly decreased due to items like **HR Coils**, **Alloy** and **GP & GC/GALVALUME** etc.
- The export of finished steel has mainly decreased due to items like **HR Coils**, **GP & GC/GALVALUME** and **CR Sheets/Coils** etc.

Fig: 2(f)
% Change in Apr-19 over Apr-18 in Import & Export
of Top 10 items of Finished Steel Imported and Exported in Apr-19



Green denotes increase Red denotes decrease

2.8 Production of Iron Ore

- During April, 2019, production of iron ore was 20.779 MT **having increased by 19.6%** over April, 2018; while production during January-April, 2019 was 77.572 MT **having increased by 6.84%** over the same period of previous year.

Table: 2(i)					
Production of Iron Ore in India (in MT)					
Apr-19	Apr-18	% Change	Jan-Apr, 2019	Jan-Apr, 2018	% Change
20.779	17.368	19.6	77.572	72.605	6.84

Source: JPC

Fig: 2(g)
Production of Iron Ore (in MT) and %Change in Production
(Month-on-Month) from April, 2018 to April, 2019

