



## Monthly Analysis (May, 2019)

Ministry of Steel | Statistics Division

## Major Highlights During May, 2019

- China, **world's largest producer of crude steel**, has produced 89.09 Mt of crude steel in May 2019, which is the highest in the last 12 months.
- India has continued to remain in **second position** in crude steel production, having produced 9.20 MT of crude steel in May 2019.
- Japan, the **third largest producer** of crude steel in the world, has produced 8.68 MT of crude steel in May 2019, having decreased by 4.6% over May 2018.
- The capacity utilisation in production of crude steel in the country has **increased** from 76.4% in May 2018 to 80.0% in May 2019 while there is no capacity expansion reported by producers.
- During May 2019, production of finished steel was 11.387 MT having recorded a positive growth rate **of 6.1%** over May 2018.
- Consumption of finished steel during May 2019 was 8.824 MT which has increased **by 6.5%** over May 2018.
- During May, 2019, Import of finished steel was 0.536 MT having recorded a **negative** growth rate of -13.6% over May, 2018.
- Export of finished steel during May, 2019 was 0.318 MT which has **decreased** by 28.6% over May, 2018.
- India is **net importer** in trade of finished steel in May 2019.
- During April, 2019, production of iron ore was 20.779 MT having **increased** by 19.6% over April, 2018.

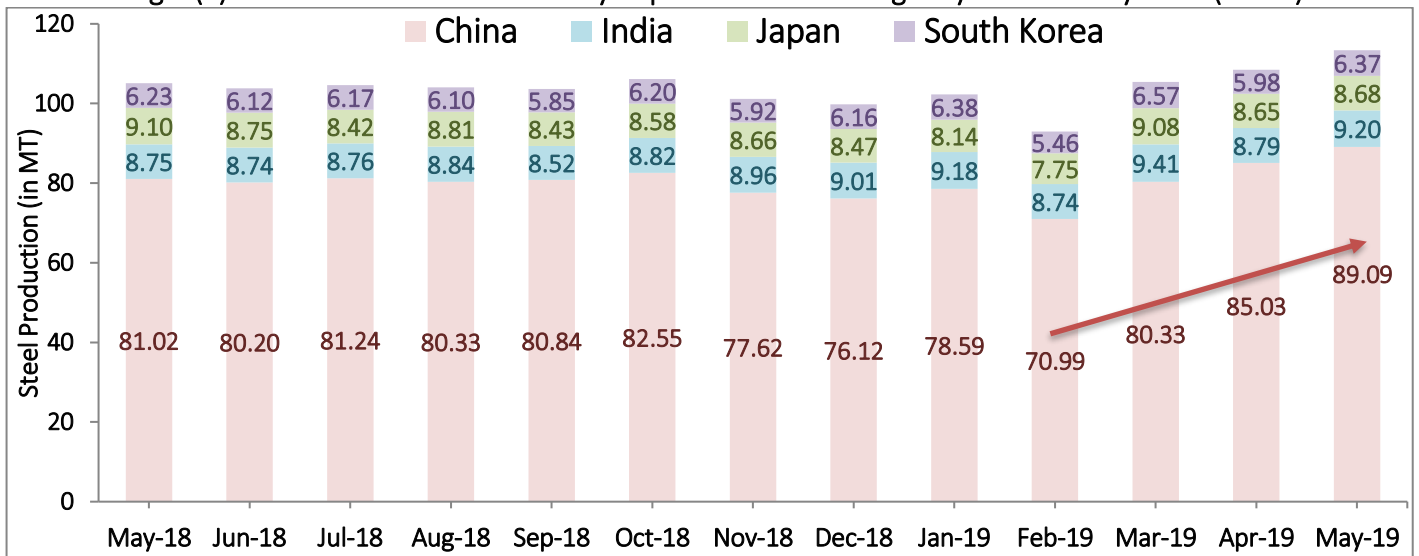
# 1. World Crude Steel Production

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

	May-19	May-18	% Change		Jan-May, 2019	Jan-May, 2018	% Change	
China	89.09	81.02		10.0	404.03	366.52		10.2
India	9.20	8.75		5.1	45.31	44.81		1.1
Japan	8.68	9.10	-4.6		42.29	44.22	-4.4	
South Korea	6.37	6.23		2.2	30.76	29.94		2.7
Other Countries	49.41	49.36		0.1	239.57	241.11	-0.6	
World	162.74	154.46		5.4	762.58	726.61		5.0

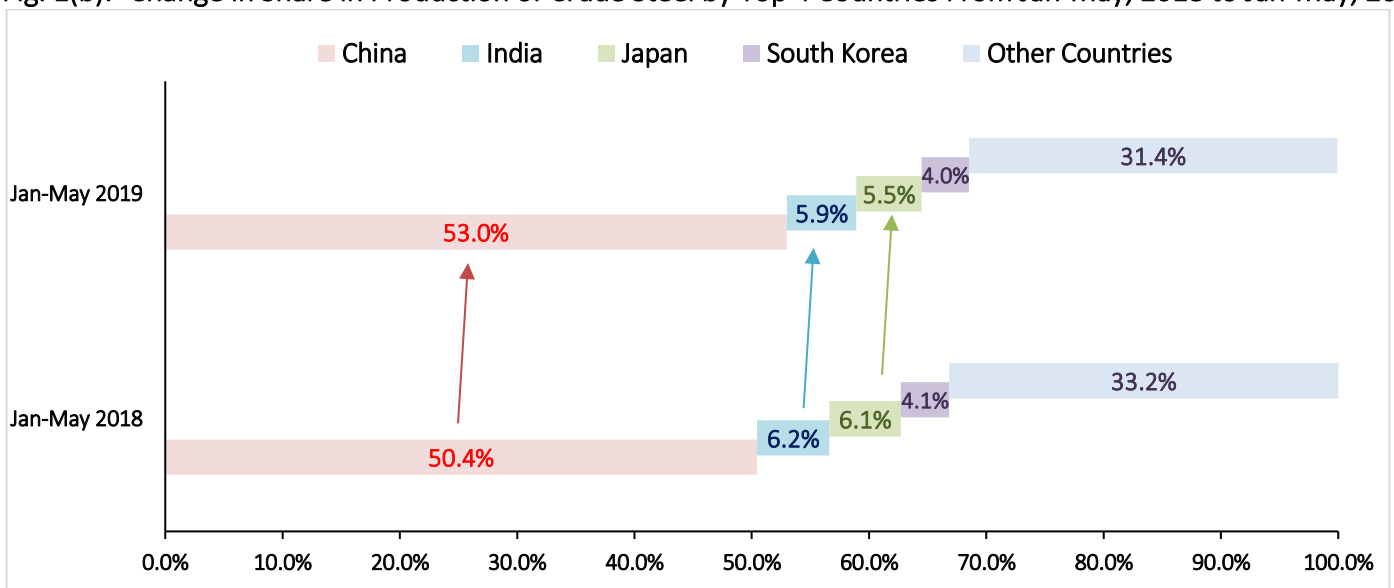
Source: @ WSA; # JPC

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



- China has increased its crude steel production since February 2019, having increased its production by 25.5% on May 2019 (89.09 MT). Also, share of China's crude steel production has increased from 50.4% during Jan-May, 2018 to 53.0% in Jan-May, 2019.

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



## 2. Performance of India's Steel Sector

### 2.1 Production of Crude Steel

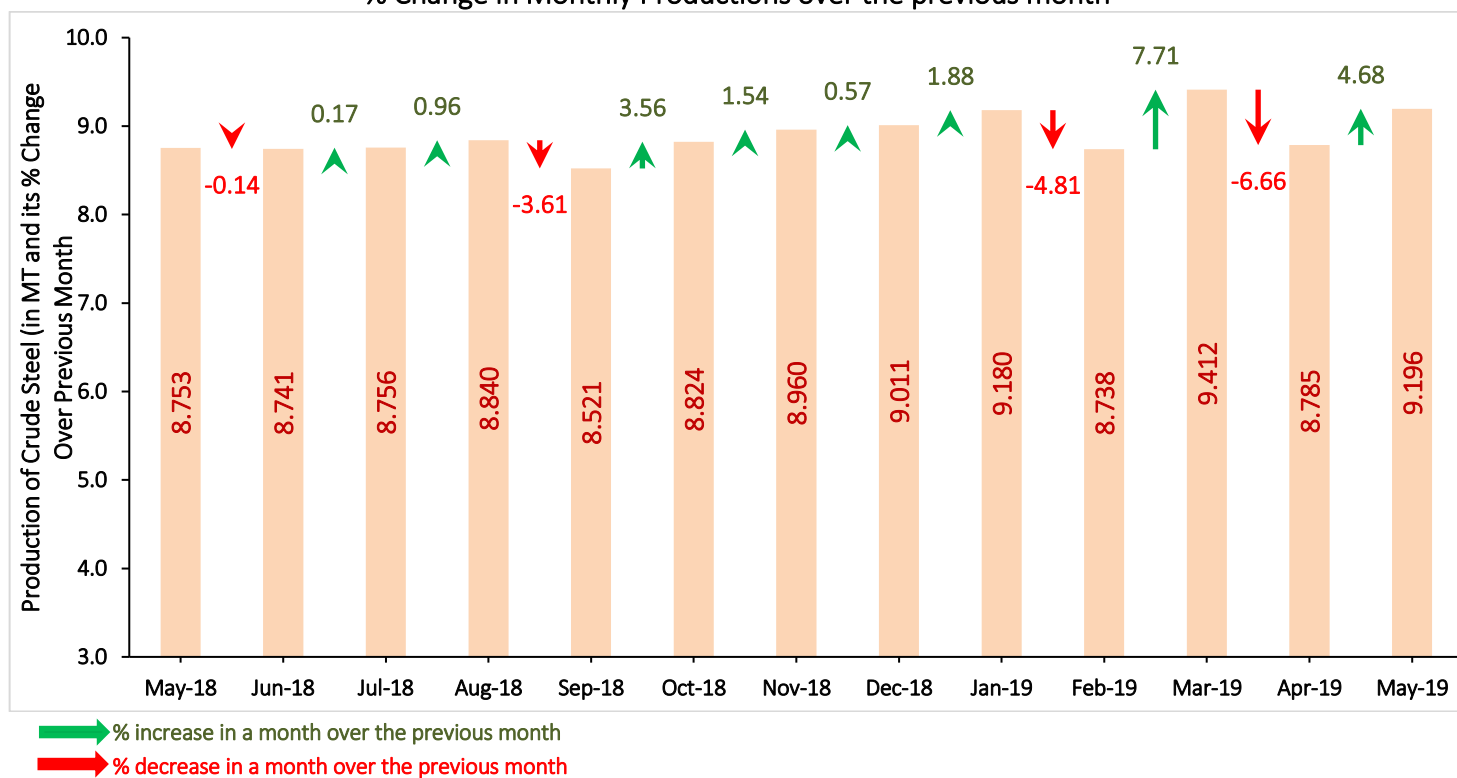
Table: 2(a):- Producer wise Production of Crude Steel in India (in MT)

Producers	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
SAIL	1.394	1.414	-1.4	6.914	6.667	3.7
RINL	0.456	0.441	3.4	2.206	2.221	-0.7
TSL	1.073	0.986	8.8	5.611	5.120	9.6
ESSAR	0.611	0.574	6.4	2.989	2.847	5.0
JSWL	1.466	1.394	5.1	7.075	7.135	-0.8
JSPL	0.497	0.394	26.3	2.485	2.036	22.1
Other Producers	3.699	3.576	3.4	18.031	18.812	-4.2
<b>Total</b>	<b>9.196</b>	<b>8.779</b>	<b>4.7</b>	<b>45.311</b>	<b>44.837</b>	<b>1.1</b>
Production by PSU	1.850	1.855	-0.3	9.120	8.888	2.6
<b>% Share of PSU</b>	<b>20.12</b>	<b>21.13</b>		<b>20.13</b>	<b>19.82</b>	

Source: JPC

- JSWL, the largest producer of crude steel in India, has produced 1.466 MT of crude steel during May 2019; while, among the PSUs, SAIL produced 1.394 MT of crude steel in May 2019.

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



- Production of crude steel has increased by 4.68% in May 2019 w.r.t April 2019.

## 2.2 Capacity Utilisation in Production of Crude Steel

- The capacity utilisation in production of crude steel in the country has increased from 76.4% in May 2018 to 80.0% in May 2019 while there is no capacity expansion reported by producers.
- Capacity utilisation by SAIL has decreased from 96.9% in May 2018 to 95.5% in May 2019.
- Among the producers in private sector, capacity utilisation of Tata Steel Ltd. (TSL) has increased from 91.0% in May 2018 to 99.0% in May 2019.

Fig. 2(b):- Producer-wise % Capacity Utilisation in May 2019 vis-a-vis May 2018

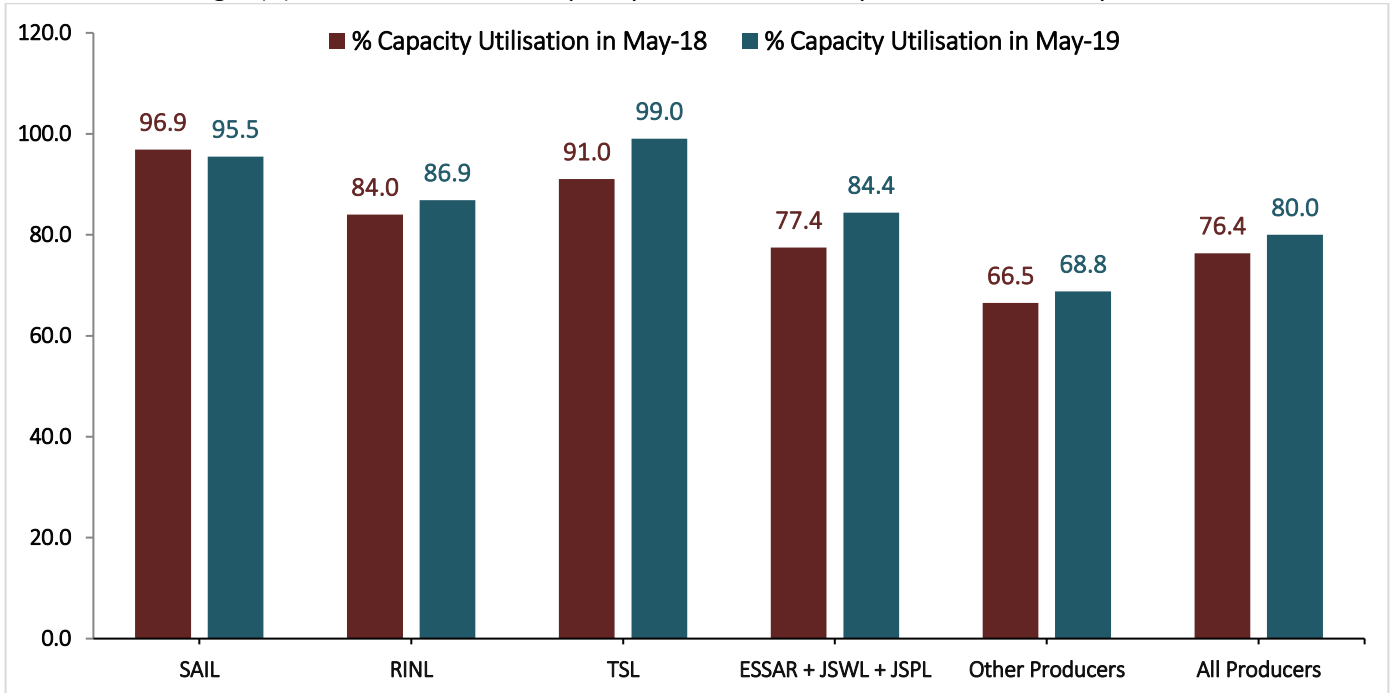
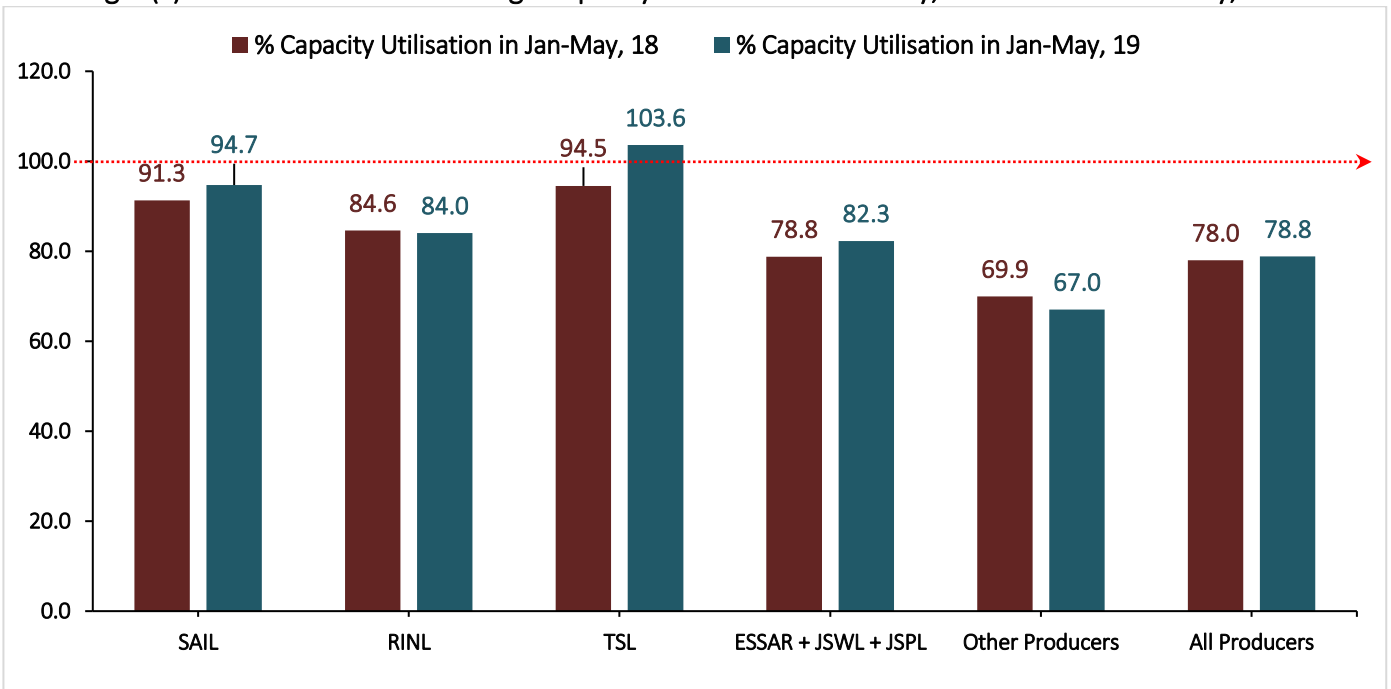


Fig. 2(c):- Producer-wise Percentage Capacity Utilisation in Jan-May, 2019 vis-a-vis Jan-May, 2018



## 2.3 Production of Hot Metal

➤ During May 2019, production of hot metal was 6.289 MT having decreased by 4.3% over May 2018.

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

Producers	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
SAIL	1.515	1.508	0.5	7.495	7.099	5.6
RINL	0.514	0.489	5.1	2.450	2.437	0.5
TSL	1.159	1.124	3.1	5.943	5.557	6.9
ESSAR	0.301	0.287	4.9	1.478	1.290	14.6
JSWL	1.335	1.301	2.6	6.506	6.556	-0.8
JSPL	0.464	0.372	24.7	2.250	1.752	28.4
Other Producers	1.001	0.949	5.5	4.895	4.960	-1.3
<b>Total</b>	<b>6.289</b>	<b>6.030</b>	<b>4.3</b>	<b>31.017</b>	<b>29.651</b>	<b>4.6</b>
Production by PSU	2.029	1.997	1.6	9.945	9.536	4.3
% Share of PSU	32.26	33.12		32.06	32.16	

Source: JPC

## 2.4 Production of Pig Iron

➤ During May 2019, production of pig iron was 0.534 MT which has increased by 7.3% over May 2018.

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

Producers	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
SAIL	0.050	0.036	38.1	0.252	0.137	83.5
RINL	0.011	0.014	-21.4	0.044	0.057	-23.2
JSWL+JSPL	0.035	0.030	16.7	0.202	0.159	27.4
Other Producers	0.438	0.418	4.9	2.143	2.163	-0.9
<b>Total Production</b>	<b>0.534</b>	<b>0.498</b>	<b>7.3</b>	<b>2.641</b>	<b>2.516</b>	<b>5.0</b>
Production by PSU	0.061	0.050	21.5	0.296	0.195	52.1
% Share of PSU	11.42	10.09		11.21	7.73	

Source: JPC

## 2.5 Production of Sponge Iron

➤ During May 2019, production of sponge iron for sale was 2.877 MT, recording a positive growth of 0.5% as compared to May 2018.

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

Producers	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
ESSAR	0.419	0.409	2.4	2.029	1.973	2.9
JSWL	0.219	0.221	-0.8	1.026	1.127	-9.0
JSPL	0.133	0.105	26.7	0.627	0.575	9.1
Other Producers	2.106	2.129	-1.1	10.233	10.278	-0.4
<b>Total</b>	<b>2.877</b>	<b>2.864</b>	<b>0.5</b>	<b>13.915</b>	<b>13.952</b>	<b>-0.3</b>

Source: JPC



## 2.6 Production, Consumption, Import and Export of Finished Steel

### a) Production and Consumption of Finished Steel

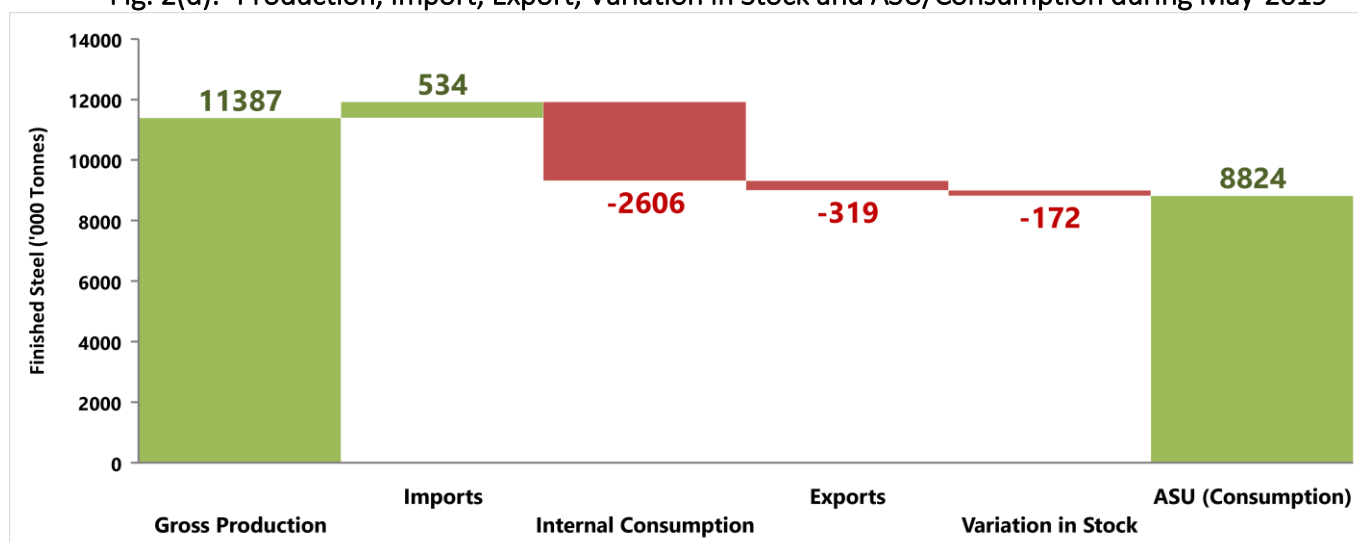
- During May 2019, production of finished steel was 11.387 MT having recorded a positive growth rate of **6.1%** over May 2018. Consumption of finished steel during May 2019 was 8.824 MT which has increased by **6.5%** over May 2018.

Producers	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
SAIL	1.197	1.195	0.2	6.136	5.870	4.5
RINL	0.375	0.341	10.0	1.810	1.785	1.4
TSL	1.319	1.169	12.8	6.892	6.146	12.1
ESSAR	1.201	1.02	17.7	5.180	4.684	10.6
JSWL	2.228	1.979	12.6	10.258	10.164	0.9
JSPL	0.324	0.238	36.1	1.688	1.366	23.5
Other Producers	4.743	4.787	-0.9	24.409	24.875	-1.9
<b>Total Production</b>	<b>11.387</b>	<b>10.729</b>	<b>6.1</b>	<b>56.371</b>	<b>54.890</b>	<b>2.7</b>
<b>Consumption</b>	<b>8.824</b>	<b>8.287</b>	<b>6.5</b>	<b>42.813</b>	<b>39.747</b>	<b>7.7</b>
Production by PSU	1.572	1.536	2.3	7.946	7.655	3.8
% Share of PSU	13.8	14.32		14.10	13.95	

Source:JPC

- During the period of January-May, 2019, the production of finished steel was 56.371 MT having increased by **2.7%** over same period of previous year; while consumption during January-May, 2019 was 42.813 MT having increased by **7.7%** over same period of previous year.

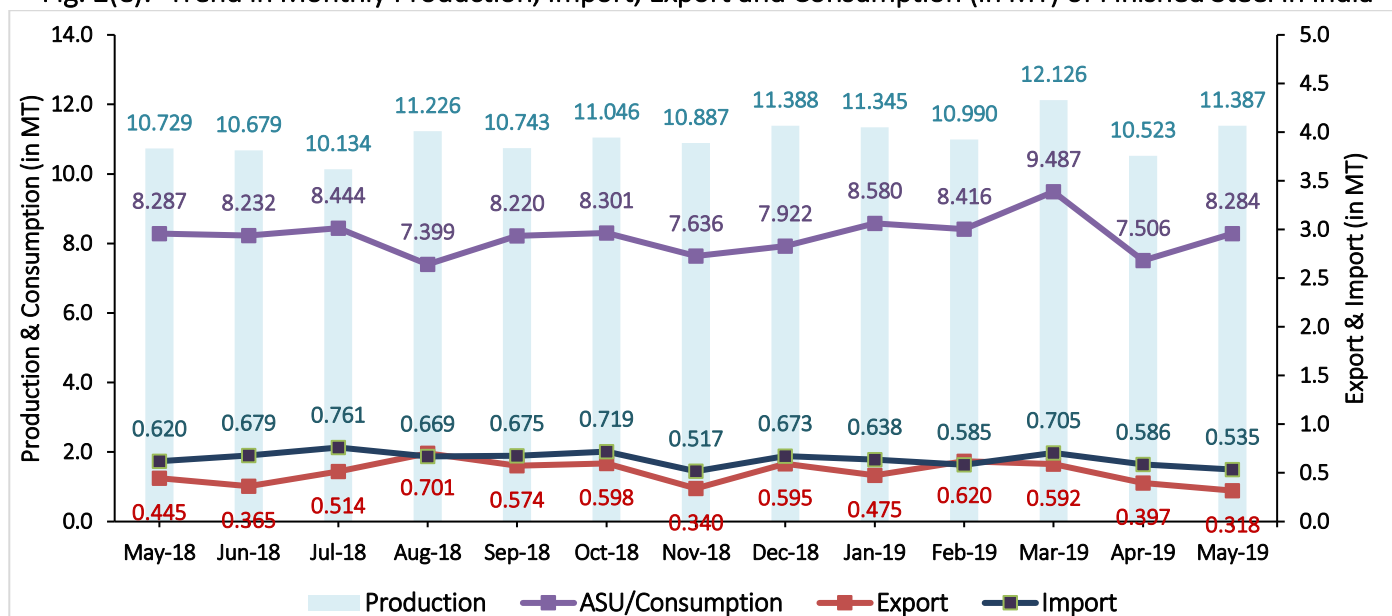
Fig. 2(d):- Production, Import, Export, Variation in Stock and ASU/Consumption during May-2019



- The compound monthly growth rate (CMGR)<sup>1</sup> of production of finished steel was **0.46%** while for consumption, it was **-0.003%** from May, 2018 to May, 2019.
- The compound monthly growth rate (CMGR) for export of finished steel was **-2.55%**; while for import, it was **-1.11%** from May 2018 to May 2019.

<sup>1</sup> CMGR (in %) = [(Fig. of Last Month/Fig. of First Month)<sup>(1/13)</sup> - 1] \* 100

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



b) Category-wise Import & Export of Finished Steel

Table: 2(f):- Export & Import of Finished Steel (in '000 Tonnes) – Category-wise in May-19 vis-à-vis May-18 and in Jan-May, 2019 vis-à-vis Jan-May, 2018

Import	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
<b>Non-Alloy</b>						
Non-Flat	35.2	66.1	-46.7	221.7	147.5	50.3
Flat	369.6	440.5	-16.1	2118.6	1900.2	11.5
Non-Alloy - Total	404.8	506.6	-20.1	2340.2	2048.7	14.2
<b>Alloy</b>						
Non-Flat	27.1	44.6	-39.3	166.1	193.1	-14.0
Flat	103.6	68.7	50.8	539.6	364.0	48.2
Alloy - Total	130.7	113.3	15.3	706.3	557.0	26.8
<b>Import – Total</b>	<b>535.5</b>	<b>619.9</b>	<b>-13.6</b>	<b>3046.5</b>	<b>2605.7</b>	<b>16.9</b>
Export	May-19	May-18	% Change	Jan-May, 2019	Jan-May, 2018	% Change
<b>Non-Alloy</b>						
Non-Flat	38.3	46.7	-17.9	273.0	396.6	-31.1
Flat	245.0	353.3	-30.6	1892.0	2394.6	-21.0
Non-Alloy - Total	283.4	400.0	-29.2	2165.1	2791.2	-22.4
<b>Alloy</b>						
Non-Flat	14.9	18.8	-20.4	93.9	105.1	-10.7
Flat	19.2	26.1	-26.3	143.2	138.8	3.2
Alloy - Total	34.2	44.8	-23.8	237.2	244.0	-2.8
<b>Export – Total</b>	<b>317.5</b>	<b>444.9</b>	<b>-28.6</b>	<b>2402.2</b>	<b>3035.1</b>	<b>-20.9</b>
	May-19	May-18	Change	Jan-May, 2019	Jan-May, 2018	Change
Balance of Trade (Export – Import)	-217.9	-175.1	-42.80	-644.3	429.4	-1073.70
Import Intensity <sup>2</sup>	6.07	7.48	-18.9%	7.12	6.56	8.5%
Export Intensity <sup>3</sup>	3.60	5.37	-33.0%	5.61	7.64	-26.6%

Source: JPC

<sup>2</sup> Import Intensity = (Import/Consumption)\*100

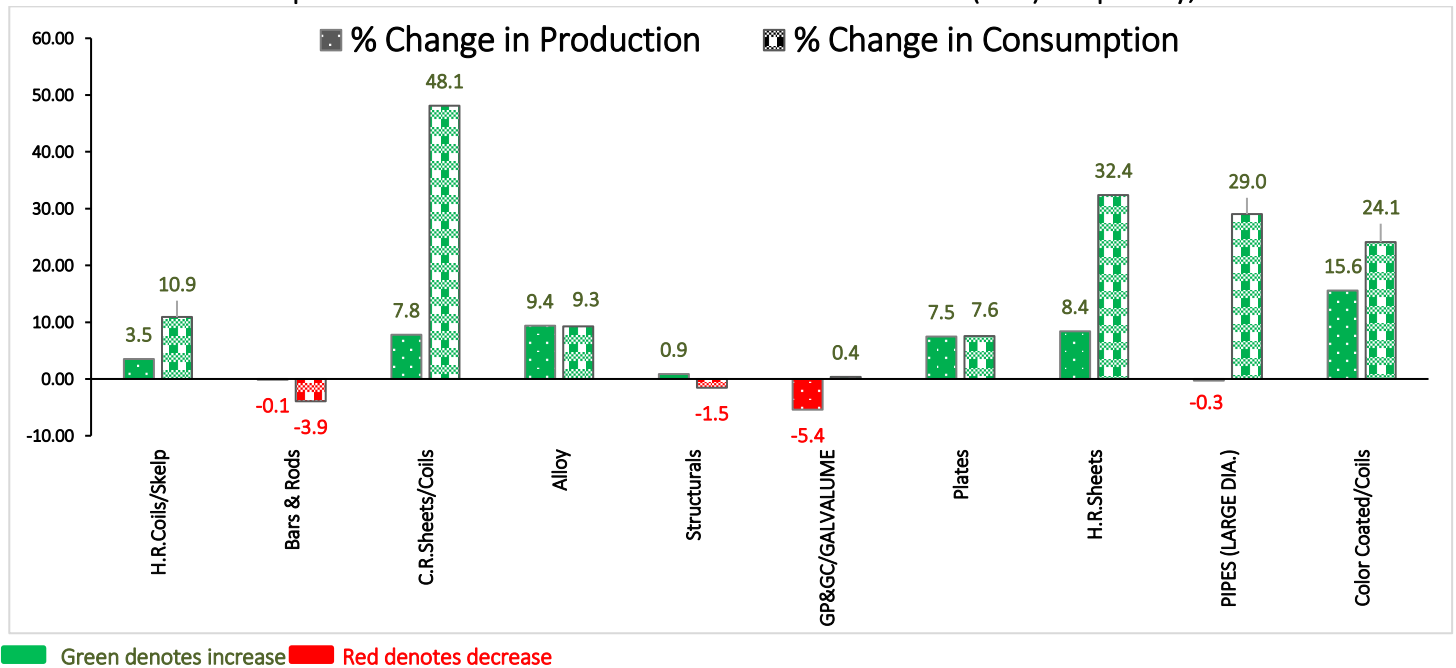
<sup>3</sup> Export Intensity = (Export/Consumption)\*100



## 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-May,19 and corresponding figures in Apr-May,18 (in MT)			Top 10 items of Finished Steel wrt <u>Consumption</u> in Apr-May,19 and corresponding figures in Apr-May,18 (in MT)		
Items	Apr-May,18	Apr-May,19	Items	Apr-May,18	Apr-May,19
H.R.Coils/Skelp	6.034	6.246	H.R.Coils/Skelp	2.304	2.556
<b>Bars &amp; Rods</b>	<b>6.224</b>	<b>6.215</b>	<b>Bars &amp; Rods</b>	<b>5.807</b>	<b>5.579</b>
C.R.Sheets/Coils	2.363	2.547	C.R.Sheets/Coils	0.839	1.243
Alloy	1.674	1.831	Alloy	1.576	1.722
Structurals	1.382	1.394	<b>Structurals</b>	<b>1.351</b>	<b>1.330</b>
<b>GP&amp;GC/Galvalume</b>	<b>1.314</b>	<b>1.243</b>	GP&GC/Galvalume	1.146	1.150
Plates	0.897	0.964	Plates	0.902	0.970
H.R.Sheets	0.405	0.439	H.R.Sheets	0.393	0.520
<b>Pipes (Large Dia.)</b>	<b>0.346</b>	<b>0.345</b>	Pipes (Large Dia.)	0.298	0.385
Color Coated/Coils	0.244	0.282	Color Coated/Coils	0.247	0.307
<b>Total Production</b>	<b>21.211</b>	<b>21.910</b>	<b>Total Consumption</b>	<b>15.340</b>	<b>16.330</b>

Fig. 2(f):- % Change in Apr-May, 19 over Apr-May, 18 in Production & Consumption of Top 10 items of Finished Steel Produced and Consumed (ASU) in Apr-May, 19

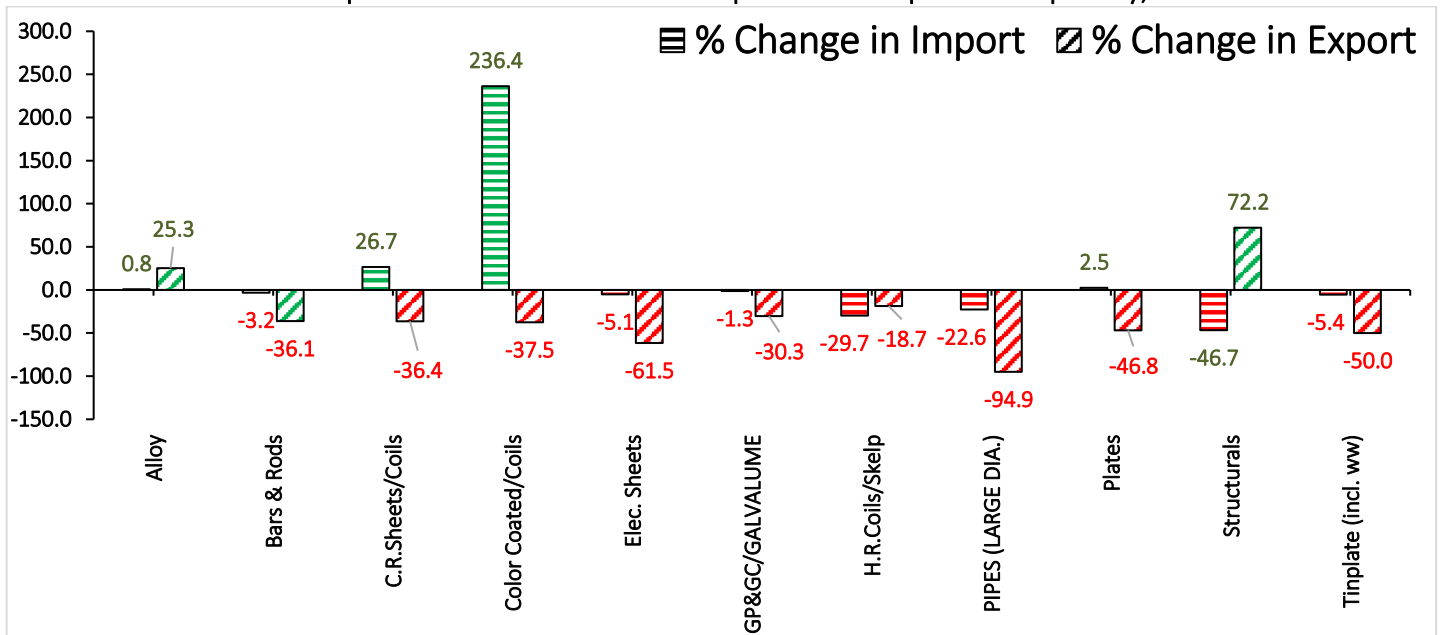


- Increase in Production and consumption of finished steel influenced by items like HR Coils, CR Sheets/Coils and Alloy etc.

Top 10 items of Finished Steel Imported in Apr-May,19 and corresponding figures in Apr-May,18 (in MT)			Top 10 items of Finished Steel Exported in Apr-May,19 and corresponding figures in Apr-May,18 (in MT)		
Items	Apr-May,18	Apr-May,19	Items	Apr-May,18	Apr-May,19
Alloy	0.254	0.256	Alloy	0.083	0.104
Bars & Rods	0.063	0.061	Bars & Rods	0.072	0.046
C.R.Sheets/Coils	0.060	0.076	C.R.Sheets/Coils	0.154	0.098
Color Coated/Coils	0.011	0.037	Color Coated/Coils	0.008	0.005
Elec. Sheets	0.098	0.093	Elec. Sheets	0.013	0.005
GP&GC/Galvalume	0.160	0.158	GP&GC/Galvalume	0.155	0.108
H.R.Coils/Skelp	0.353	0.248	H.R.Coils/Skelp	0.332	0.270
Pipes (Large Dia.)	0.053	0.041	Pipes (Large Dia.)	0.099	0.005
Plates	0.080	0.082	Plates	0.079	0.042
Structurals	0.015	0.008	Structurals	0.018	0.031
Tinplate (incl. ww)	0.037	0.035	Tinplate (incl. ww)	0.004	0.002
<b>Total Import</b>	<b>1.216</b>	<b>1.120</b>	<b>Total Export</b>	<b>1.017</b>	<b>0.716</b>

- The import of finished steel mainly decreased due to items like HR Coils, Electric Sheets 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(g):- % Change in Apr-May, 19 over Apr-May, 18 in Import & Export of Top 10 items of Finished Steel Imported and Exported in Apr-May, 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.

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(h):- Production of Iron Ore (in MT) and % Change in Production (Month-on-Month) from May, 2018 to May, 2019

