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## World Population Day and Pakistan

The world Population day is an annual event, observed on July 11 every year. The current world population is 7.7 billion and roughly 83 million people are being added to the world population every year. (Source: United Nations Data)

According to Provisional results of 6th Population & Housing Census - 2017, the total population of Pakistan was recorded 207.7 million with average annual growth rate of 19 years (2.40) making 6th most populous country of the world after China, India, USA, Indonesia and Brazil. While, in 1950 the standing of Pakistan was 14th in the world with population of 33 million.

Pakistan has an impressive 10 major cities with population exceeding one million according to Provisional results of Census - 2017, but the two largest by far are Karachi and Lahore with population of 14.8 and 11.1 million respectively. The third largest is Faisalabad, with a population of 3.2 million. The remaining seven cities over 1 million listed in order of their respective sizes are Gujranwala, Rawalpindi, Peshawar, Multan, Hyderabad, Islamabad and Quetta.

If the population of the country continues to grow with the growth rate (1.90%), it is likely to be double in next 37 years, making Pakistan 3rd most populous country of the world; whereas land area will remain the same rather will be reduced due to residential plans.

## Comparison of Top 10 Major Cities between Census - 2017\* & 1998

Major Cities	Population (In Millions)	
	Census 2017	Census 1998
Karachi	14.8	9.3
Lahore **	11.1	5.1
Faisalabad	3.2	2.0
Gujranwala	2.2	1.1
Rawalpindi	2.1	1.4
Peshawar	2.0	1.0
Multan	1.8	1.2
Hyderabad	1.7	1.2
Islamabad	1.0	0.5
Quetta	1.0	0.6

\* Based on provisional results of Census - 2017  
\*\* Lahore district fully urbanized in Census-2017

## Latest Publications on Website



## MEETING OF GOVERNING COUNCIL

18th Meeting of Governing Council held on 30th August, 2019

The 18<sup>th</sup> meeting of the Governing Council of Pakistan Bureau of Statistics was held in the Conference Room of Secretary Ministry of Planning, Development & Reform, Block-P, Pakistan Secretariat, Islamabad under the Chairmanship of Makhdoom Khusro Bakhtiar, Federal Minister for Planning, Development & Reform on August 30, 2019.

### Change of Base of Price Statistics from 2007-08 to 2015-16

The Secretary, Ministry of Planning Development and Reform apprised the Chairman and the members about the importance of change of base of price statistics from 2007-08 to 2015-16. Later on Member (National Accounts/Prices) was asked to give a brief presentation on the agenda item. The Member, informed the Governing Council that in the last meeting a subcommittee was constituted under the chairmanship of Dr. Asad Zaman, to give recommendations on adoption of consumer weights for compilation of combined prices of Gas and Electricity. The sub-committee held its meeting on 9<sup>th</sup> April, 2019 and took following decisions:

- i. The Committee agreed to adopt Consumer Weighted methodology for compilation of gas and electricity prices.
- ii. The Committee suggested to use the weights of 2018 calendar year for both Gas and Electricity tariff calculation.
- iii. Consumer weights for compilation of Gas and Electricity tariff for the base period 2007-08 cannot be introduced at this time, as it will be a

distortion from methodology adopted in base period 2007-08.

- iv. The Committee agreed to compile CPI based on new and old base in parallel for a couple of months.

On the recommendations of the subcommittee, PBS introduced the concept of consumer weighted combined prices of Gas and Electricity in the new base year 2015-16.

Member, National Accounts described in detail the methodological changes adopted, on the recommendations of the Technical Committee, in the new base year 2015-16. A detailed discussion was held on each and every aspect of Change of Base of Price Statistics from 2007-08 to 2015-16, particularly on the issue of dissemination of results of new base for the general public. It was decided that PBS will disseminate the results of the new base year 2015-16 as per best international practices.

Respected members of the Governing Council, appreciated the efforts of PBS and regarded it as a landmark achievement specially by incorporating Rural Consumer Price Index in the new base year 2015-16. After detailed deliberations, the Governing Council approved the Change of Base of Price Statistics from 2007-08 to 2015-16.

**The change of base of Price Statistics from 2007-08 to 2015-16 was approved by the Governing Council, with the direction to simultaneously publish the price statistics on new base year 2015-16 as well as 2007-08 for a period of one year from July 2019.**

## Comparison of Cumulative Increase & Annual Growth Rate from Census 1951-2017

The Pakistan Bureau of Statistics had conducted 6th Population & Housing Census-2017, in free, fair and transparent manner with the active support of Armed Forces and Provincial Government Department in all over the country. After necessary editing and cleansing of Census data, the statistical tables were prepared by the DP Section. Thereafter Report Writing Section had started work on Statistical Analysis, by using special statistical tools for report writing of Census publications of Census -2017. The final results and draft of National Census Report was prepared and submitted to the Council of Common Interest (CCI) for approval on 30th April, 2018.

After compilation of statistical analysis of National Census Report (NCR), the Report Writing Team started statistical analysis on Provincial/ Area Census Reports (Punjab, KP, Sindh, & Baluchistan, including FATA, AJ&K, Gilgit Baltistan and Islamabad Capital Territory (ICT), and there after 154 draft reports pertaining all districts of Punjab, KP, Sindh, Balochistan including AJ&K, Gilgit Baltistan and FATA were completed during the period of July 2018 to 30th June 2019.

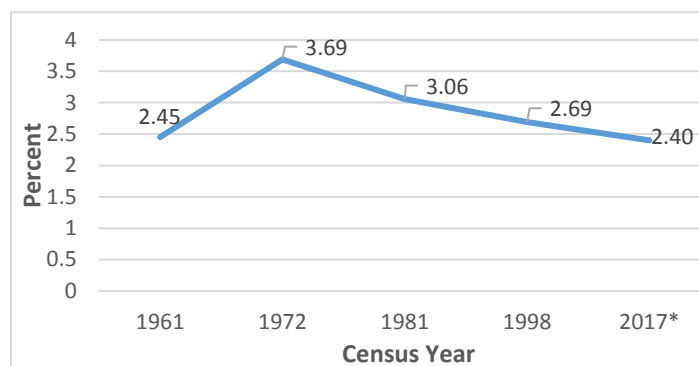
In addition to above, the Report Writing work of City Reports having population of 5 lacs and above is also in progress. Statistical Analysis of the Census data indicated that:

- Cumulative increase in Population during the period since 1951 has been reported as 515.81%.
- The average annual growth rate during the intercensal period of 1998 to 2017 has been observed as 2.40% as compared to 2.69% recorded over the Censuses undertaken in 1981 and 1998. The current growth rate is lower than the intercensal growth rates of 3.69% and 3.06% observed in the previous censuses of 1972 and 1981. However,

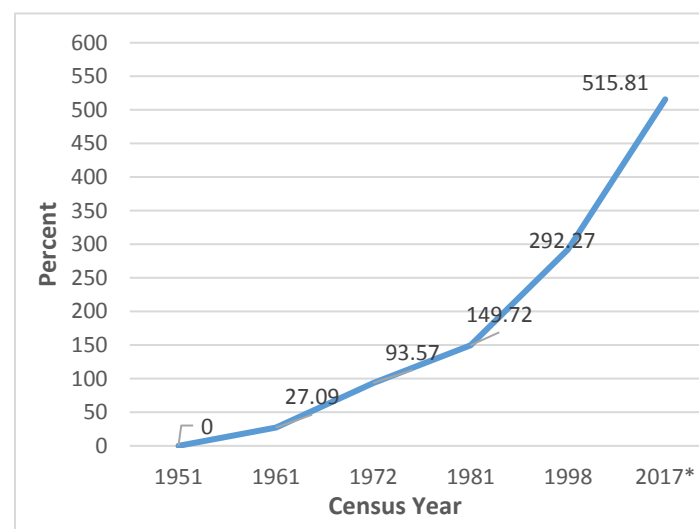
the average annual growth rate of the Pakistan has a decreasing trend, but still it is one of the highest population growth rate as compared to the growth rates of surrounding countries in the region, which is posing a great challenge for achieving development goals at an accelerated pace.

The following graphs show the percentage population increase and trend analysis of average Annual Growth Rate over the past Censuses carried out in the country.

**AVERAGE ANNUAL POPULATION GROWTH RATE SINCE 1951**



**PERCENTAGE CUMULATIVE INCREASE IN POPULATION SINCE 1951**



\* Based on provisional results of Census - 2017

## Participation by PBS in Foreign Training / Workshop

"Fifth Meeting of the Regional Steering Group (RSG) for Civil Registration and Vital Statistics (CRVS) in Asia and the Pacific"

The Regional Steering Group (RSG) for Civil Registration and Vital Statistics (CRVS) in Asia and the Pacific under ESCAP Mission organized "Fifth meeting of the Regional Steering Group for Civil Registration and the Vital Statistics (CRVS) in Asia and the Pacific from 17-19 September, 2019" in Bangkok, Thailand.

The main objective of the meeting was to address, among other topics, the progress of country reports on the Midterm Questionnaire, ESCAP and development partner support for ensuring high quality responses, the continued preparatory work for the Ministerial Conference in 2020 (both the main and side events), as well as the working arrangements of the RSG.



Working session of Regional Steering Group (RSG)

Ms. Rizwana Siddique, Director PBS attended the meeting and represented Pakistan for the work regarding compilation of vital statistics in Pakistan Bureau of Statistics and also learned about the best practices, in this connection, adopted by the countries in Asia and the Pacific region.



Group picture of Participants of Fifth Meeting of the Regional Steering Group for Civil Registration and Vital Statistics (CRVS) in Asia and the Pacific, 17-19 September, 2019 Bangkok, Thailand

## Development of Software by Sample Design Section

The Sample Design section, PBS has initiated the concept to automate the lengthy and time taking procedure for selection of sample blocks for different survey. A software named Sample Selection software has been developed by Support Services Wing.

The Sample Design section has provided a complete detail of all steps being adopted for selection of sample along with all necessary documentation for development of software. This is a big achievement of PBS as this procedure has reduced 90% work load of sample selection which was previously done manually.

## Food & Agriculture Organization WORKSHOP ON IAC, SEPTEMBER 26-27, 2019

With the collaboration of Food & Agriculture Organization of the UN and Pakistan Bureau of Statistics a workshop on Integrated Agricultural Census was arranged on September 26-27, 2019 at Conference room of PBS HQs Islamabad. FAO's Senior Statistician Ms. Sangita Dubey facilitated this workshop. Twelve officers and officials from PBS participated in this program. Prior to this formal workshop, a Skype call was also arranged at FAO Pakistan office on 17-09-2019, on the subject to discuss the contents and previous developments so far.

FAO has always extended its cooperation for statistics in Pakistan. This workshop is a part of series of capacity building training programs being held during the months of September and October, 2019 in Pakistan. PBS aspires to conduct Integrated agricultural Census (IAC) 2020 for the first time. This workshop is primarily focused on the technical aspects of IAC. For this purpose issues related to Sample

design were discussed with FAO expert where she conceded the fact that the developments so far are going in right direction such as conduct of Mouza Census for development of frame for IA

Previous practices, achievements, methodology and technical details were discussed in an interactive way. The participants had the opportunity to review IAC questionnaire practically in comparison with the guidelines and methodology of World Census of Agriculture (WCA) 2020. Moreover items and questions related to SDG Indicators were also part of the discussion.

Management and the senior officers of PBS were also present during formal opening and closing of the workshop in which mutual views were shared. FAO's country representative, Ms Mina Dowlatchahi expressed her concluding remarks during the occasion and extended FAO's full cooperation and support for IAC and monitoring of SDGs



Participants of FAO workshop at PBS, Islamabad

## Retirements

Mr. Habib Ullah Khan, Member (C&S)	[27-09-2019]
Mr. Ghulam Muhammad, DDG	[27-09-2019]
Mr. Irshad Ahmad Bhutto, SO	[30-09-2019]
Mr. Muhammad Rafiq Dilawar, SO	[31-08-2019]
Mr. Khalid Mehmood, APS	[14-09-2019]
Mr. Abdul Rashid, APS	[21-07-2019]

## Price Situation (July-September, 2019)

As per decision of PBS Governing Council, base year of CPI is being revised from financial year 2007-08 to 2015-16 with an introduction of Rural Consumer Price Index for the first time in the history of Pakistan to capture the price changes in the rural areas as well. Based on the weights produced through the Household Integrated Income Expenditure Survey (HIICS) 2015-16 conducted by PBS, the consumer baskets of goods & services have been derived both for Urban and Rural domains.

Subsequent to the decision taken during the meeting of the Governing Council held on 30th August, 2019, Pakistan Bureau of Statistics has launched the New Base (2015-16) for Price Statistics on 4th September, 2019.



General Inflation (%) (Base 2015-16)															
Period	CPI														
	General						Food				Non-Food				
	National		Urban		Rural		Urban		Rural		Urban		Rural		
	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY	MoM	YoY
Jul-19	8.4	1.8	8.7	2.0	7.9	1.6	7.9	1.0	9.3	1.7	9.2	2.5	6.7	1.5	
Aug-19	10.5	1.6	10.6	1.5	10.3	1.9	11.9	3.1	12.6	2.9	9.9	0.5	8.4	1.1	
Sep-19	11.4	0.8	11.6	0.7	11.1	0.8	15.0	2.0	15.0	1.8	9.7	0.0	8.0	0.0	

Group	NATIONAL (New Base)				Old Base			
	Weight (%)	INDICES		% Change	Weight (%)	INDICES		% Change
		Jul-Sep, 2019	Jul-Sep, 2018			Jul-Sep, 2019	Jul-Sep, 2018	
General	100	125.54	114.04	10.08	100	255.42	229.06	11.51
Food and non-alcoholic beverages	34.58	122.53	109.19	12.22	34.83	263.1	237.81	10.63
Non-perishable	29.6	120.39	108.04	11.43	29.84	258.35	234.79	10.03
Perishable	4.99	135.25	116.02	16.57	4.99	291.49	255.89	13.91
Alcoholic beverages	1.02	134	103.33	29.69	1.41	428.35	313.85	36.48
Clothing and footwear	8.6	125.13	115.37	8.46	7.57	275.6	254.72	8.2
Housing, water, electricity, gas, and fuel	23.63	124.94	117.22	6.58	29.41	237.61	210.78	12.73
Furnishing	4.1	122.06	109.54	11.43	4.21	268.22	242.25	10.72
Health	2.79	132.7	118.76	11.73	2.19	246.66	225.55	9.36
Transport	5.91	142.04	120.69	17.69	7.2	234.21	204.13	14.74
Communication	2.21	106.65	102.24	4.32	3.22	145.65	133.73	8.91
Recreation, culture, and leisure	1.59	117.18	109	7.5	2.02	226.34	209.57	8
Education	3.79	141.18	132.49	6.56	3.94	301.84	283.73	6.38
Restaurant and hotels	6.92	124.31	117.26	6.02	1.23	319.82	294.71	8.52
Miscellaneous goods and services	4.87	128.36	114.14	12.45	2.76	301.61	265.74	13.5

Figure 1: UCPI Inflation MoM, Special Indices

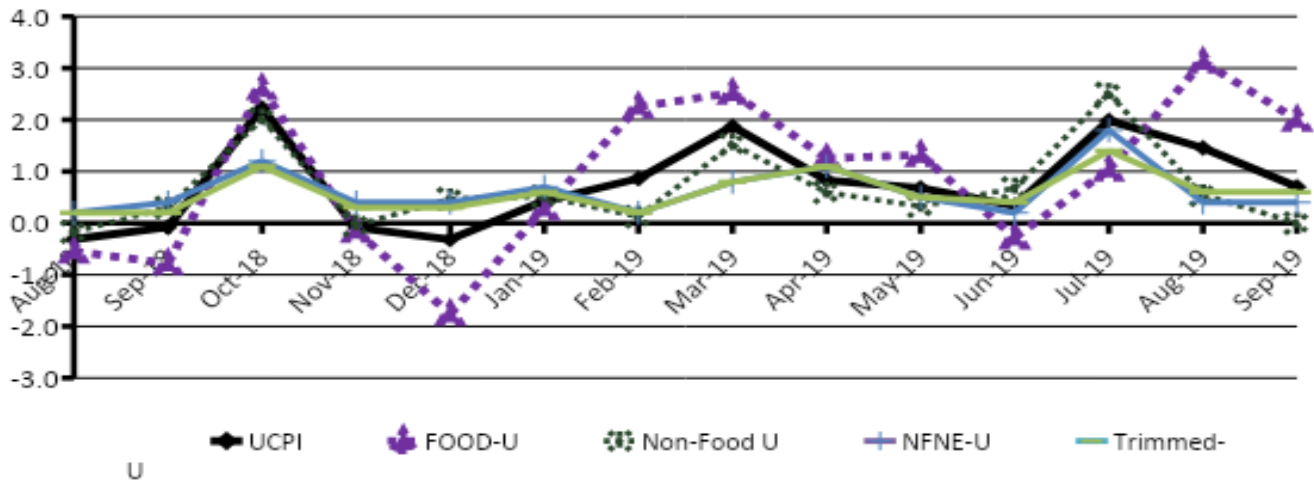


Figure 2: RPI Inflation MoM, Special Indices

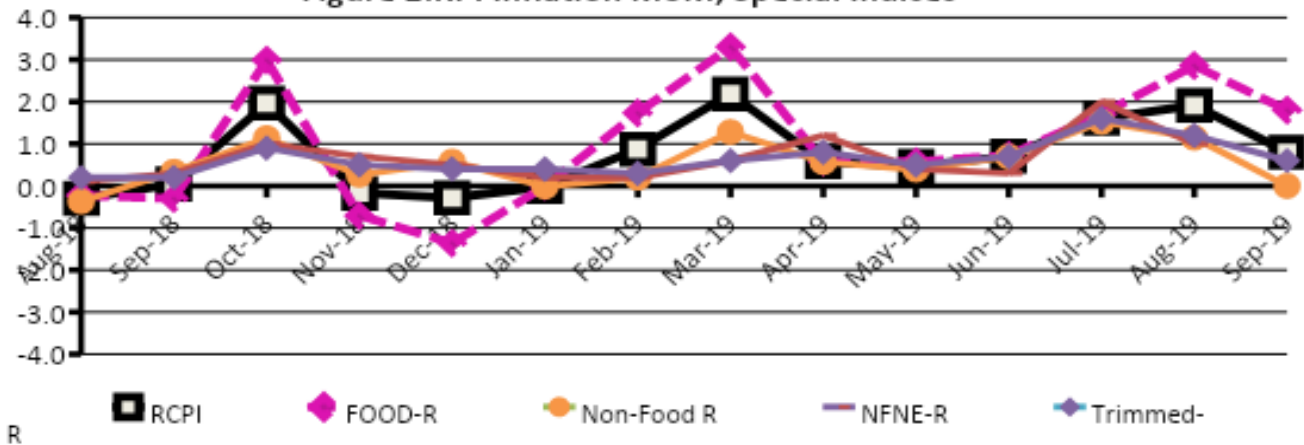
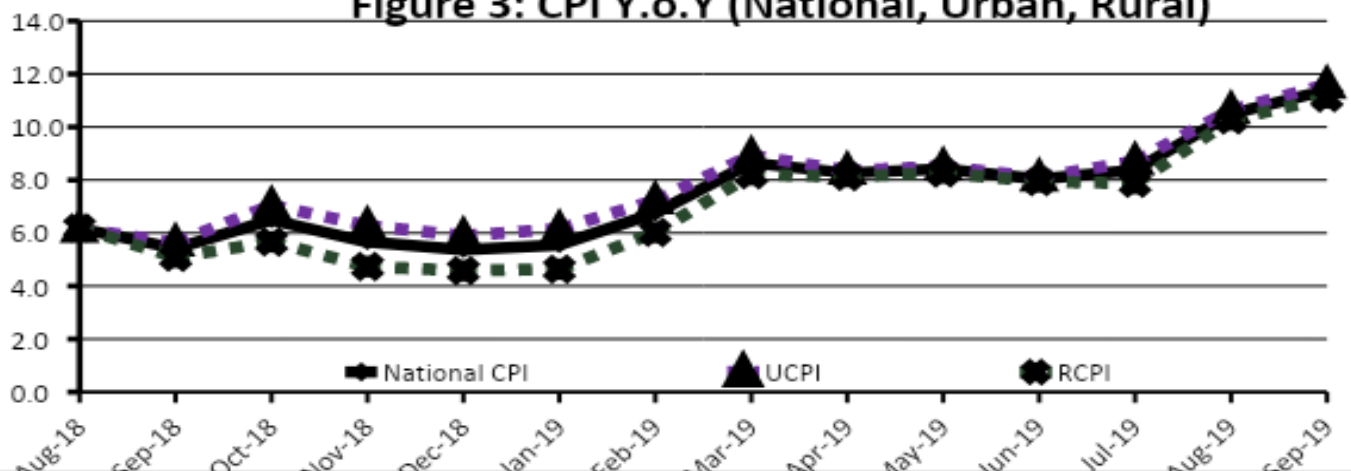


Figure 3: CPI Y.o.Y (National, Urban, Rural)



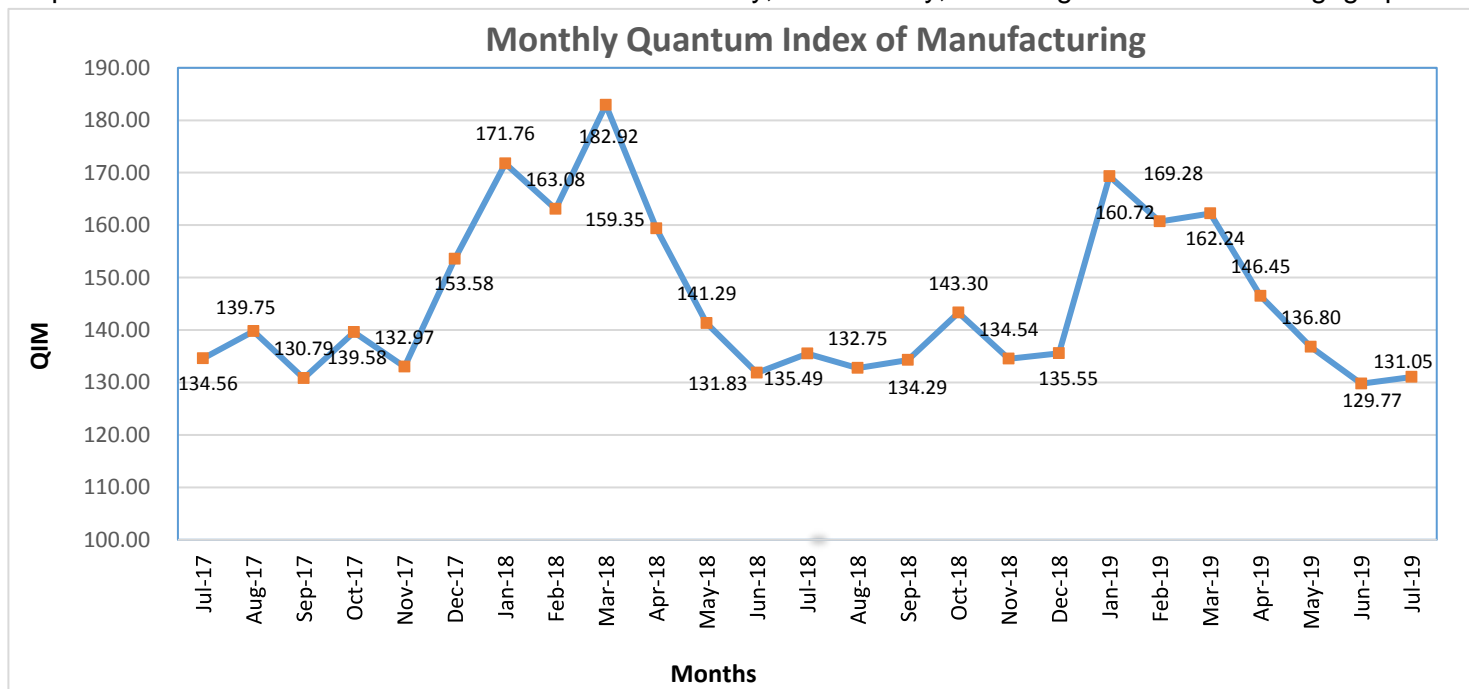
## Provisional Quantum Index Numbers of Large Scale Manufacturing Industries (QIM) for:

- July, 2019 and July, 2018.
- June, 2019
- Sector wise growth for July, 2019
- Graphical representation of Monthly Quantum Index
- [Production of Selected Items of Large Scale Manufacturing Industries](#)

1. The provisional quantum indices of **Large Scale Manufacturing Industries (LSMI)** for July, 2019 with base year 2005-06, have been developed on the basis of latest data supplied by the source agencies. The indices for July, 2019 along with percentage changes and growth impact by source are as follows:

S#	Source	Indices			% Change		Growth Impact	
		Jul-19	Jul-18	Jun-19	MOM	YOY	MOM	YOY
1	OCAC	90.07	120.28	96.29	-6.46	-25.12	-0.37	-1.71
2	Ministry of Industries	118.18	124.13	114.71	3.02	-4.80	1.88	-3.10
3	Provincial BOS	186.96	177.49	190.12	-1.66	5.34	-0.53	1.53
	<b>OVER ALL</b>	<b>131.05</b>	<b>135.49</b>	<b>129.77</b>	<b>-</b>	<b>-</b>	<b>0.98</b>	<b>-3.28</b>

2. The LSMI output decreased by 3.28% for July, 2019 compared to July, 2018 and increased by 0.98% if compared to June 2019. Month-wise trend of QIM from July, 2017 to July, 2019 is given in the following graph:-





3. The sectors showing growth during July-19 compared to July-18 are given below:-

Manufacturing Sector	Weight	(%) Change	(%) Change	YOY Growth
		2018-19	2019-20	Impact
		July	July	Monthly
<b>Textile</b>	20.915	-0.42	0.12	<b>0.03</b>
<b>Non Metallic Mineral Products</b>	5.364	1.02	0.55	<b>0.06</b>
<b>Fertilizers</b>	4.441	-6.80	16.34	<b>0.94</b>
<b>Electronics</b>	1.963	108.99	67.23	<b>2.86</b>
<b>Leather Products</b>	0.859	-1.53	1.39	<b>0.02</b>
<b>Engineering Products</b>	0.400	6.06	8.08	<b>0.02</b>
<b>Rubber Products</b>	0.262	9.21	2.92	<b>0.01</b>
<b>Wood Products</b>	0.588	-3.95	8.44	<b>0.00</b>

4. The sectors showing decline during July-19 compared to July-18 are given below:-

Manufacturing Sector	Weight	(%) Change	(%) Change	YOY Growth
		2018-19	2019-20	Impact
		July	July	Monthly
<b>Food, Beverages &amp; Tobacco</b>	12.370	-5.24	-7.92	<b>-1.14</b>
<b>Coke &amp; Petroleum Products</b>	5.514	5.45	-25.12	<b>-1.71</b>
<b>Pharmaceuticals</b>	3.620	-13.20	-12.13	<b>-0.95</b>
<b>Chemicals</b>	1.717	-6.04	-5.94	<b>-0.14</b>
<b>Automobiles</b>	4.613	7.91	-27.41	<b>-2.39</b>
<b>Iron &amp; Steel Products</b>	5.392	-2.77	-15.44	<b>-0.77</b>
<b>Paper &amp; Board</b>	2.314	3.96	-3.32	<b>-0.13</b>

5. The production in July 2019 as compared to July 2018 has increased in Fertilizers, and Electronics while it has significantly decreased in Food, Beverages & Tobacco, Coke & Petroleum Products, Pharmaceuticals, Automobiles and Iron & Steel Products.

## Tablet Based Data Collection for PSLM Survey 2019-20 (District Level)

Pakistan Social and Living Standards Measurement Survey (PSLM)'s District Level Survey is being conducted by PBS since 2004-05 at alternate years. It was the biggest source of monitoring of MDGs. 15 out of 37 indicators adopted by Pakistan were monitored through PSLM. In Sep-2015 United Nation has adopted Sustainable Development Goals (SDGs) with 17 goals, 169 targets & 232 indicators.

Pakistan was the first country in the region whose parliament has adopted the Sustainable Development Goals as “National Development Goals”. Therefore work has initiated to find data gaps on reporting & working on Surveys to include different indicators.

**PBS being National Statistical Office is declared as the main agency for data monitoring & reporting by United Nation Statistical Department (UNSD).** Accordingly PBS by taking relevant stakeholders on board amended their existing surveys to include SDGs indicators and also prepared data gap review report along with SDG unit in Ministry of Planning Development and Reform & United Nations Development Programme (UNDP). **The Data Gap report revealed that PBS is the main reporting agency with 66 indicators & from which 53 indicators will be covered through its existing surveys/census & National Accounts. Out of 53, 29 indicators will be monitored through PSLM/HIES Survey.**

It is pertinent to mention here that considering the requirement of SDG indicators after PSLM questionnaires were thoroughly reviewed and they have been amended to monitor SDGs. The significance of PSLM District level survey 2019-20 is inclusion of the modules on Information Communication & Technology (ICT), Food Insecurity Experience Scale (FIES), and Access to

basic Services, Assets, Hygiene & Waste management along with **Disability and Migration which is going to be included for the first time to monitor the one of the most important indicators for SDG's. Recent data is not available for both indicators, even if it is available then it is not truly representative.**

Due to inclusion of disability in PSLM 2019-20 District level survey, the sample has been increased from 5600 blocks covering 80,000 household to 6500 blocks covering 200,000 households.

It is highly appreciated that the PSLM section along with Data processing Center has planned the PSLM district level Survey 2019-2020 on Tablets. Member SS/IT and PSLM section took the initiative of shifting the tool of data collection from laborious method i.e. from paper based questionnaires to the Tablets. For this purpose Android Software is developed by the data processing center in vigorous consultation with the subject matter section.



*Presentation on development of software for PSLM tablet based Survey at PBS, Islamabad*

Station	Officers	Tablet users	Extra Staff	Total Staff
Islamabad	19	67	10	96
Quetta	08	16	00	24
Karachi	09	46	07	62
Lahore	14	32	05	51
Sukkur	10	28	08	46
Peshawar	06	25	09	40
Abbottabad	03	20	01	24
Multan	08	31	05	44
Rawalpindi	02	18	05	25
<b>Total</b>	<b>79</b>	<b>283</b>	<b>50</b>	<b>412</b>

*PBS has trained total 412 Officers/Officials at various stations to be deployed in field for district level PSLM Survey 2019-20*



Opening session of PSLM Tablet Based Survey under chairmanship of Member (SS/IT) at PBS, Islamabad

Due to shifting of data on Tablets and significant change in questionnaires, 5-days comprehensive training workshops were scheduled in a way that **three teams** (comprised of four members 2 each from subject matter section and two from Data Processing Section) at **Karachi, Quetta, Lahore, Sukkur, Peshawar, Multan, Abbottabad, and Islamabad** have imparted training.



Group photo of master trainers & participants along with representative from Disability organization community on Five Days training workshop of PSLM Tablet Based Survey at PBS, Islamabad

**Field activities of PSLM District Level Survey on Tablets will be starting from first week of the October 2019.** However listing activities started immediately after the provision of Sample list to Regional Offices. Member (RM/SS) inaugurated the training at Karachi office while DDG (PSLM) inaugurated the training at Islamabad



Mock Exercise on Tablet Based PSLM Survey conducted at Islamabad and other stations at all provinces.

Two days training for master trainers along with staff of Rawalpindi Regional Office have been conducted on 28<sup>th</sup> and 29<sup>th</sup> August, 2019, the expert from Disability organization Community Based Inclusive Development Network Pakistan (CPID) & Sight Saver also participated in training on disability.



Launching of PSLM tablet based survey at PBS, Karachi



Group photo of master trainers & participants on Five Days training workshop of PSLM Tablet Based Survey at PBS, Lahore



Tablet Device distribution among the participants of PSLM Tablet based survey at Karachi.



Director (PSLM) at Karachi with staff of Mirpur Khas (Sindh)



Visit of DDG (PSLM) with disabled persons at PBS office, Multan

## Mock Exercise of Tablet based PSLM Survey conducted at various stations



Peshawar Station



Multan Station



Lahore Station



Quetta Station