



Government of Kerala

STATISTICAL ABSTRACT 2019

Department of Economics & Statistics



നം.205/പ്രസ്/സി.എം.ഒ/2019.

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സന്ദേശം

സർക്കാരിന്റെ നയരൂപീകരണത്തിനും പദ്ധതി ആസൂത്രണത്തിനും ആവശ്യമായ അടിസ്ഥാന സ്ഥിതിവിവരക്കണക്കുകളുടെ വിശകലനവും അപഗ്രഥനവും നടത്തി വിവധ വകുപ്പുകൾക്ക് ലഭ്യമാക്കുന്നതിനായി സാമ്പത്തിക സ്ഥിതിവിവരക്കണക്ക് വകുപ്പ് 'സ്റ്റാറ്റിസ്റ്റിക്കൽ സംഗ്രഹം 2019' പ്രസിദ്ധീകരിക്കുന്നു എന്നറിഞ്ഞതിൽ സന്തോഷം.

കേരള സമൂഹത്തിന്റെ സ്ഥിതിവിവരക്കണക്ക് സംബന്ധിച്ച് സാമ്പത്തിക സ്ഥിതിവിവരക്കണക്ക് വകുപ്പ് തയ്യാറാക്കിയിട്ടുള്ള 'സ്റ്റാറ്റിസ്റ്റിക്കൽ സംഗ്രഹം' ആസൂത്രണ, നയരൂപീകരണ, ഭരണ രംഗത്ത് പ്രവർത്തിക്കുന്നവർക്കും ഡാറ്റ ഉപയോക്താക്കൾക്കും സഹായകമാവുമെന്ന് പ്രതീക്ഷിക്കുന്നു. എല്ലാ ഭാഗ്യങ്ങളും നേരുന്നു.

പിണറായി വിജയൻ



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സന്ദേശം

സാമ്പത്തിക സ്ഥിതിവിവര കണക്ക് വകുപ്പ് വിവിധ മേഖലകളുമായി ബന്ധപ്പെട്ട വിഷയങ്ങളിൽ നടത്തുന്ന സർവ്വെ ഫലങ്ങൾ അപഗ്രഥിച്ച് ആസൂത്രണവും ഭരണപരവുമായ നടപടികൾ സ്വീകരിക്കുന്നതിന് മറ്റു വകുപ്പുകൾക്ക് സഹായകരമാകുന്ന തരത്തിൽ 'സ്റ്റാറ്റിസ്റ്റിക്കൽ സംഗ്രഹം 2019' തയ്യാറാക്കുന്നത് പ്രശംസനീയമാണ്.

സർക്കാരിന്റെ നയരൂപീകരണത്തിനും പദ്ധതി ആസൂത്രണത്തിനും ശരിയായ വിവരങ്ങൾ യഥാസമയം വിശകലനം ചെയ്ത് വകുപ്പുകൾക്ക് ലഭ്യമാക്കുക എന്ന ഉദ്ദേശത്തോടെ സാമ്പത്തിക സ്ഥിതിവിവരകണക്ക് വകുപ്പ് ഏറ്റെടുത്തിരിക്കുന്ന ദൗത്യം ഛായാകാപരമാണ്. ഭരണരംഗത്ത് ഔദ്യോഗിക സ്ഥിതിവിവരകണക്കുകളുടെ ഉപയോഗം പരമാവധി പ്രയോജനപ്പെടുത്തേണ്ടതാണ്. സാമ്പത്തിക സ്ഥിതിവിവരകണക്ക് വകുപ്പിന്റെ ഈ സംരംഭത്തിന് എല്ലാവിധ ആശംസകളും നേരുന്നു.

ഡോ. കെ. ടി. ജലീൽ

Preface

The Department of Economics & Statistics is the nodal Agency of the State responsible for the systematic collection, compilation, analysis and dissemination of the official statistics in the State. The department collects statistics pertaining to various demographic and socio-economic aspects of the State Economy. These statistics are collected mainly through sample surveys, censuses and from administrative records of other departments. Department of Economics & Statistics publishes a range of reports based on the data collected through the surveys and disseminate through the official Website also.

This Statistical Abstract presents a comprehensive summary of statistics collected through the Department of Economics & Statistics. It is designed to serve as a statistical reference. I hope that this publication will be useful for administrators for decision making and effective evidence based administration.

I express my deep gratitude to all officers who are behind the "Statistical Abstract-2019" for their sincere efforts to bring out the Abstract in this manner.

Suggestions for improvement are highly appreciable.

Thiruvananthapuram
21/02/2019



V. Ramachandran
Director General

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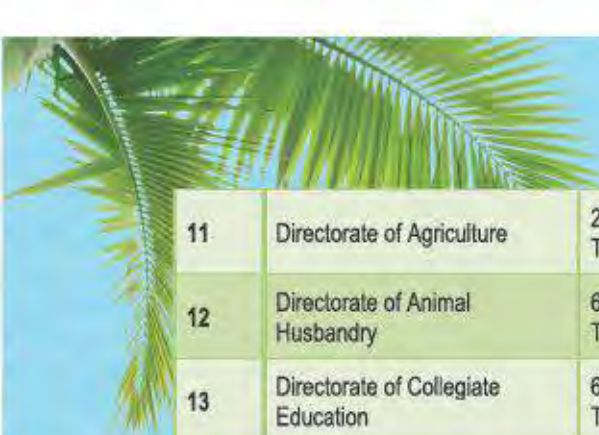


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17	Directorate of Health Services	General Hospital Junction, Thiruvananthapuram	0471- 2519229, 2519237
18	Directorate of Industries and Commerce	3 rd Floor, VikasBhavan, Thiruvananthapuram	0471- 2302774
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20	Directorate of Panchayath	Public Office, Thiruvananthapuram	0471- 2321280, 2321053
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23	Directorate of Social Justice	5 th Floor, VikasBhavan, Thiruvananthapuram	0471- 2306040, 2346508 (Annex)
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	TSO, CHIRAYINKEEZHU, ATTINGAL	Taluk Statistical Office Chirayinkeezhu, Economics and Statistics, 2nd Floor, Mini Civil Station, Kacheri Jun, Attingal	0470- 2622012	8281118545	ecostatatingal@gmail.com tsochki.des@kerala.gov.in
	TSO, KOLLAM	Taluk Statistical Office Kollam, Sreeshmi, Near Thevally, Market, Kollam	0474- 2799975	8281118531	ecostatkim.qln@gmail.com tsoklmt.des@kerala.gov.in
KOLLAM	TSO, KOTTARAKKARA	Taluk Statistical Office Kottarakkara, Indus Motors Building ,Near NSS Taluk Union Office, Kottarakkara	0474- 2450308	8281118532	ecostatkim.ktr@gmail.com tsoktra.des@kerala.gov.in
	TSO, PATHANAPURAM, PUNALUR	Taluk Statistical Office Pathanapuram, IInd Floor, Mini Civil Station, Punaloor	0475- 2220666	8281118534	ecostatkim.ppm@gmail.com tsopnrm.des@kerala.gov.in
	TSO, KARUNAGAPPALLY	Taluk Statistical Office Karunagappally, IInd Floor, Minicivil Station, Karunagappally	0476- 2620515	8281118535	ecostatkim.kpy@gmail.com tsoknpy.des@kerala.gov.in
	TSO, KUNNATHUR, SASTHAMCOTTAH	Taluk Statistical Office Kunnathoor, Panchayath Building, Sasthamcottah	0476- 2830207	8281118533	ecostatkim.knr@gmail.com tsoknr.des@kerala.gov.in

District	Office	Address	Phone Number	Mobile	Email
PATHANAMTHITTA	TSO, KOZHENCHERY	Taluk Statistical Office Kozhenchery, Jessy Tower, 1st floor, Pathanamthitta.689645	0468- 2220214	8281118520	ecostatpmtsokozhenchery@gmail.com tsokzcy.des@kerala.gov.in
	TSO, ADOOR	Taluk Statistical Office Adoor, Revenue Tower, IV th floor, Adoor,691523	04734- 227062	8281118521	ecostatpmtadoor@gmail.com tsoador.des@kerala.gov.in
	TSO, THIRUVALLA	Taluk Statistical Office Thiruvalla, Revenue Tower, IV th floor, hiruvalla.689542	0469- 2630010	8281118522	ecostatpmtvla@gmail.com tsotvla.des@kerala.gov.in
	TSO, MALLAPPALLY	Taluk Statistical Office Mallappally, Mini Civil Station, 3rd floor.689585	0469- 2680077	8281118523	ecostatm1py@gmail.com tsom1py.des@kerala.gov.in
	TSO, RANNI	Taluk Statistical Office Ranni, KuthukallunkalPad, Ranni-689673	04735- 224250	8281118524	ecostatpmtmy@gmail.com tsorani.des@kerala.gov.in
	TSO, CHERTHALA	Taluk Statistical Office Cherthala, Mini Civil Station, Cherthala - 688524	0478- 2812072	8281118515	ecostatcherthala@gmail.com tsoccla.des@kerala.gov.in
	TSO, AMBALAPUZHA	Taluk Statistical Office Ambalappuzha, Mini Civil Station, Thathampaly P.O., Alappuzha - 688013	0477- 2251035	8281118514	tsocambalappuzha@gmail.com tsoampa.des@kerala.gov.in
	TSO, KUTTANAD	Taluk Statistical Office Kuttanad, Champakulam.P.O. Kuttanad - 688505	0477- 2705911	8281118513	tsokutnad@yahoo.com tsoktnd.des@kerala.gov.in
ALAPPUZHA	TSO, CHENGANNUR	Taluk Statistical Office Chengannur, Mini Civil Station, Chengannur - 689121	0479- 2453553	8281118512	ecostatcognr@gmail.com tsocnhr.des@kerala.gov.in
	TSO, MAVELIKARA	Taluk Statistical Office Mavelikara, Mini Civil Station, Mavelikara - 690101	0479- 2344330	8281118511	tsomvk2012@gmail.com tsomvka.des@kerala.gov.in
	TSO, KARTHIKAPPALLY	Taluk Statistical Office Karthikappally, Harippad. P.O, Karthikappally - 690514	0479- 2404788	8281118510	tsokply202@gmail.com tsoktzy.des@kerala.gov.in
	TSO, KOTTAYAM	Taluk Statistical Office Kottayam, Municipal Shopping Complex, Kottayam-686001	0481- 2300068	8281118499	tsoktmesktm@gmail.com tsoktmi.des@kerala.gov.in
KOTTAYAM	TSO, CHANGANACHERRY	Taluk Statistical Office Changanassery, Revenue Tower, Changanassery 686101	0481- 2410069	8281118498	tsocyhesktm@gmail.com tsocgry.des@kerala.gov.in
	TSO, VAIKOM	Taluk Statistical Office Vaiikom, Mini Civil Station,Vaikom-686141	04829- 214038	8281118500	tsovkmesktm@gmail.com tsovikm.des@kerala.gov.in
	TSO, MEENACHIL, PALA	Taluk Statistical Office Meenachil, Mini Civil Station, Meenachil-686575	04822- 210069	8281118501	tsomniesktm@gmail.com tsomncl.des@kerala.gov.in
	TSO, KANJIRAPPALLY	Taluk Statistical Office Kanjirappally, Mini Civil Station, Kanjirappally 686507	04828- 201069	8281118503	tsokjyesktm@gmail.com tsokrjy.des@kerala.gov.in

District	Office	Address	Phone Number	Mobile	Email
IDUKKI	TSO, PEERUMADE	Taluk Statistical Office, Peermade, Mini civil Station, Peermade P.O., 685531	04869-232155	8281118488	ecostatpmo@gmail.com tsopmid.des@kerala.gov.in
	TSO, THODUPUZHA	Taluk Statistical Office, Thodupuzha, Illrd Floor, Old Block, Mini civil Station, Thodupuzha P.O., Pin 685584.	04862-220047	8281118491	tsodpa@gmail.com tsopda.des@kerala.gov.in
	TSO, UDUMBANCHOLA, KATTAPPANA	Taluk Statistical Office Udumbanchola, Kalyathinal Building, Kattappana P.O. Udumbanchola, pin 685508	04868-250035	8281118490	tsoukallappana@gmail.com tsoudla.des@kerala.gov.in
	TSO, DEVIKULAM, MUNNAR	Taluk Statistical Office, Devikulam, PWD building, Munnar P.O., pin 685612	04865-230068	8281118489	ecostatdvi@gmail.com tsodvkm.des@kerala.gov.in
ERNAKULAM	TSO, KOCHI, VYPIN	Taluk Statistical Office Kochi, Vypeen Bus Stand Building, Azheekal P.O, Pin-682 508.	0484-2502060	8281118476	ecostatckm.kochi@gmail.com tsovypn.des@kerala.gov.in
	TSO, KANAYANUR, KAKKANADU	Taluk Statistical Office Kanayannoor, Civil Station, Illrd Floor, Kakkanad, Pin-682 030.	0484-2427706	8281118477	ecostatckm.knr@gmail.com tsokakd.des@kerala.gov.in
	TSO, KOTHAMANGALAM	Taluk Statistical Office Kothamangalam, Revenue Tower, 4th Floor, Kothamangalam, Pin- 686 691.	0485-2822335	8281118474	ecostatckm.kmgm@gmail.com tsoklm.des@kerala.gov.in
	TSO, KUNNTHUNAD, PERUMBAAVOOR	Taluk Statistical Office Kunnathunad, Near Govt.Boys High School, Perumbavoor, Pin-683 542.	0484-2594539	8281118478	ecostatckm.kntd@gmail.com tsokndu.des@kerala.gov.in
	TSO, MUVATTUPUZHA	Taluk Statistical Office, Muvattupuzha, Mini Civil Station, Mudavoor P.O., Muvattupuzha, Pin-686 669	0485-2810054	8281118475	ecostatckm.mvpa@gmail.com tsomvpa.des@kerala.gov.in
	TSO, ALUVA	Taluk Statistical Office Aluva, Mahatma Gandhi Town Hall (Behind), Aluva, Pin-683 101	0484-2620239	8281118480	ecostatckm.aly@gmail.com tsovalva.des@kerala.gov.in
	TSO, NORTH PARAVUR	Taluk Statistical Office Paravoor, Mini Civil Station, North Paravoor, Pin-683 513.	0484-2440266	8281118479	ecostatckm.npr@gmail.com tsopavr.des@kerala.gov.in
THRISSUR	TSO, THRISSUR	Taluk Statistical Office Thrissur, Civil Station, Ayyanthole, Thrissur, 680003	0487-2361260	8281118465	tsotsr@gmail.com tsotsr.des@kerala.gov.in
	TSO, KODUNGALLOOR	Taluk Statistical Office Kodugallur, Mini Civil Station, Kodugallur, Thrissur, 680664	0480-2803320	8281118463	tsokdgr@gmail.com tsokdlr.des@kerala.gov.in
	TSO, MUKUNDAPURAM, IRINJALAKKUDA	Taluk Statistical Office Mukundapuram, Mini Civil Station, Irinjalkkuda, Thrissur, 680125	0480-2820385	8281118464	tsomkpm@gmail.com tsomkpm.des@kerala.gov.in

District	Office	Address	Phone Number	Mobile	Email
THRISSUR	TSO, THALAPPALLY	Taluk Statistical Office Thalappilly, Wadakkanchery, Near Panchayath Office, 680582	04884-232235	8281118466	tsotly@gmail.com tsolpy.des@kerala.gov.in
	TSO, CHAVAKKADU	Taluk Statistical Office Chavakkad, Mini Civil Station, Chavakkad, Thrissur. 680506	0487-2501445	8281118467	tsockd@gmail.com tsocvkd.des@kerala.gov.in
PALAKKAD	TSO, PALAKKAD	Taluk Statistical Office Palakkad, Riyaz Complex, Godown Street Big Bazar, Palakkad 678014	0491-2500466	8281118452	ecostatpsokd@gmail.com tsopkdt.des@kerala.gov.in
	TSO, ALATHUR	Taluk Statistical Office Alathur, Mini Civil Station, Swathi Junction, Alathur 678541	04922-222933	8281118454	statalathur@gmail.com tsocaltr.des@kerala.gov.in
	TSO, CHITTUR	Taluk Statistical Office Chittur, Chittur, Palakkad-678101	04923-221184	8281118453	ecostatctr@gmail.com tsochtr.des@kerala.gov.in
	TSO, OTTAPPALAM	Taluk Statistical Office Ottapalam, State Bank Building, Ottapalam, Palakkad 679101	0466-2244421	8281118455	ecostatotp@gmail.com tsocpim.des@kerala.gov.in
	TSO, MANNARKKADU	Taluk Statistical Office Mannarkkad, Mini Civil Station Mannarkkad, Palakkad 678582	04924-222231	8281118456	ecostatmkd@gmail.com tsominkd.des@kerala.gov.in
MALAPPURAM	TSO, ERNAD, MANJERI	Taluk Statistical Office Ernad Mini Civil Station, Manjeri 676 321	0483-2760156	8281118443	ecostatern@gmail.com tsoernkd.des@kerala.gov.in
	TSO, PERINTHALMANNA	Taluk Statistical Office Perinthalmanna, Mini Civil Station, Perinthalmanna 679 322	04933-226633	8281118441	ecostatpmna@gmail.com tsoptma.des@kerala.gov.in
	TSO, PONNANI	Taluk Statistical Office Ponnani, Mini civil station, PonnaniNagaram 679 583	0494-2666033	8281118442	ecostatponnani@gmail.com tsoponi.des@kerala.gov.in
	TSO, TIRUR	Taluk Statistical Office Tirur, Amanath Complex, Ezhur Road, Tirur 676 101	0494-2433700	8281118445	ecostattir@gmail.com tsotrur.des@kerala.gov.in
KOZHIKODE	TSO, KOZHICKODE	Taluk Statistical Office Kozhikode, Civilstation P.O, Kozhikode, Pin-673020	0495-2379933	8281118433	ecostatkkd@gmail.com tsokkdt.des@kerala.gov.in
	TSO, KOILANDI	Taluk Statistical Office Koyilandy, Fasila Building, Koyilandy, Pin-673305	0496-2622233	8281118432	koyilandyts@gmail.com tsokyd.des@kerala.gov.in
	TSO, VADAKARA	Taluk Statistical Office Vadakara, Mini Civil Station, Vadakara, Pin-673101	0496-2518833	8281118431	ecostatvada@gmail.com tsocvka.des@kerala.gov.in
WAYNADU	TSO, VYTHIRI, KALPETTA	Taluk Statistical Office Vythin, Near Mariyamman Temple, Old Market, Municipal Building, Kalpetta Pin: 673121	04936-203133	8281118422	ecostatkpt@gmail.com tsovtri.des@kerala.gov.in
	TSO, MANANTHAVADY	Taluk Statistical Office Mananthavady, Mini Civil Station, Mananthavady, Pin: 670645	04935-240388	8281118424	ecostatmndy@gmail.com tsomndy.des@kerala.gov.in
	TSO, SULTHANBATHERY	Taluk Statistical Office SulthanBathery, Mini Civil Station, SulthanBathery, Pin: 673592	04936-220663	8281118423	ecostatbsy@gmail.com tsoslby.des@kerala.gov.in



Vital Statistics

Vital statistics, also known as vital events or vital records, are an important source of demographic data. For the collection, consolidation, analysis and preparation of reports of vital events such as births, deaths and still births, Vital Statistics division is functioning in the Department. Vital events are collected through Civil Registration system (CRS), Sample Registration System(SRS) and Spot Check Survey.

Civil Registration System (CRS):- Civil Registration System is the unified process of continuous, permanent, compulsory and universal recording of the vital events (births, deaths, still births) and characteristics thereof. In order to unify the civil registration activities, CRS was introduced in India under the Registration of Births and Deaths Act(RBD Act), 1969. The RBD Act, 1969 (Act No. 18 of 1969) came into force in Kerala on 1st April 1970, provides for the compulsory registration of births and deaths. Births and deaths are registered only at the place of their occurrence. In the case of births and deaths that occurred in the house, head of the household is responsible person to report and in the case of births and deaths that occur in hospitals, nursing homes, health centres etc, officer in charge or any person authorised by her/him is responsible to report to the Registrar of Births and Deaths of the concerned area. The local bodies, viz., the Grama Panchayats, Municipalities and Corporations function as the registration units of vital events in the State. Now the total Registration units existing in the State are 1035. The Director of Panchayats is the Chief Registrar and The Additional Director (General) of Economics & Statistics dept. is the Additional Chief Registrar of Births and Deaths in the State.

The Vital Statistics division in the Department collecting, compiling and analysing the vital events such as births, deaths and still births and prepare the book titled "Annual Vital Statistics Report" in every year and it is published in the official website of the department. Mainly, the book contains the analytical report on live births, deaths, Infant deaths, Still births and maternal deaths under different category, various vital rates such as Crude Birth Rate, Crude Death Rate, Infant Mortality Rate, Still Birth Rate, Maternal Mortality Ratio etc. The latest report published is "Annual Vital Statistics Report-2016" and "Annual Vital Statistics Report-2017" is under preparation.

Sample Registration System

Even though the registration of births & deaths is compulsory as per RBD act 1969, the level of registration has continued to far from satisfactory in several States/Union Territories in the country. With a view to generate reliable and continuous data on vital indicators, the office of the RGI initiated the scheme Sample Registration System in 1964-65 on a pilot basis and on full scales from 1969-70 onwards. The Office of the Registrar General of India selects the sample units for the survey. Revision

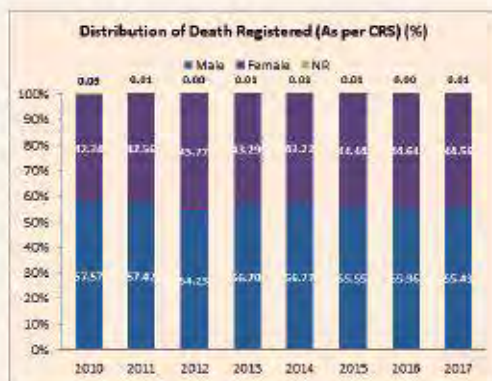
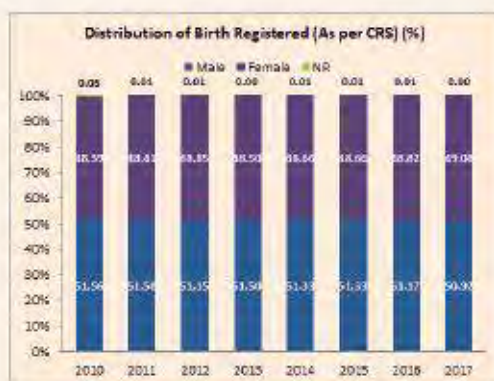
of SRS sampling frame is undertaken in every ten years based on the results of latest census. At present the revision of the sampling frame is going to be changed as per the latest Census 2011. In Kerala there are 280 samples consisting of 175 rural and 105 urban units. The implementations of the survey in rural samples are entrusted with Department of Economics and Statistics.

The main objective is to provide reliable estimates of birth rate, death rate, infant mortality rate etc. for the rural and urban areas of the state. It also provides the data for other measures of fertility and mortality including total fertility, infant and child mortality rates etc.

Spot Check Survey

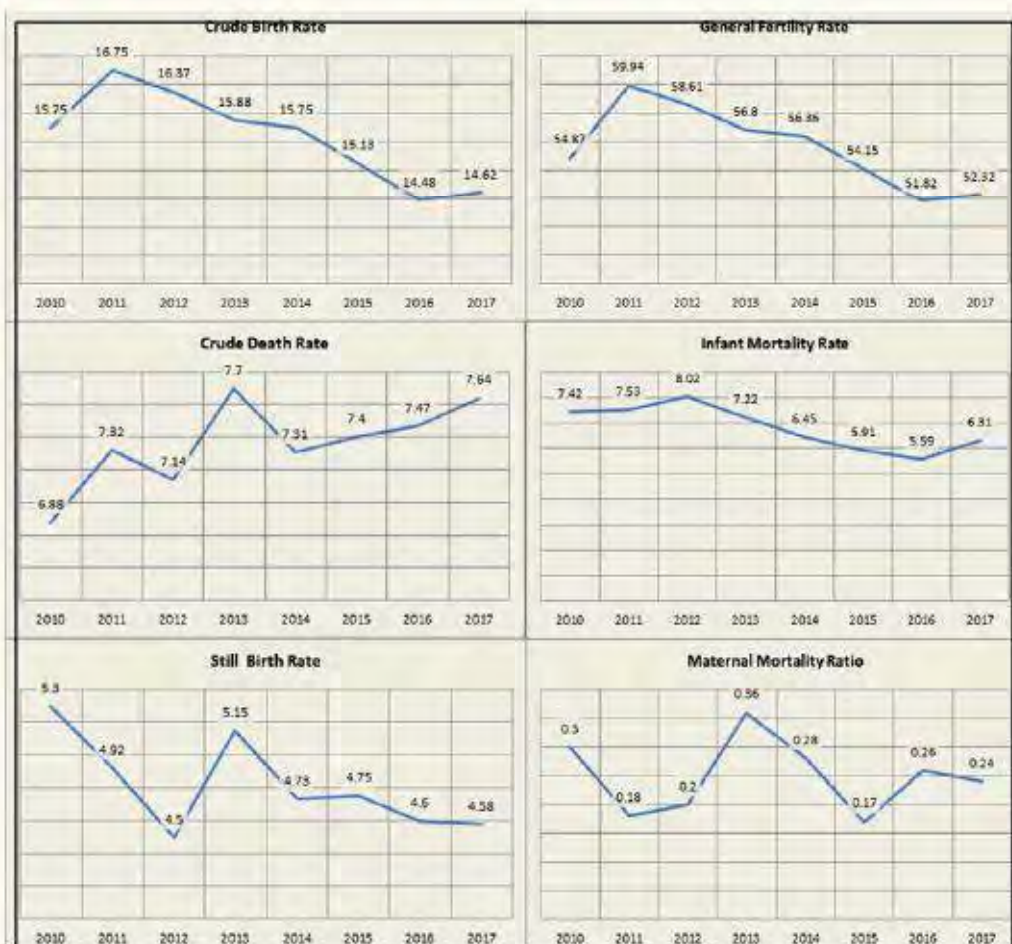
The main objective of the survey is to estimate the under registration of vital events in the selected Municipalities/Corporations and to work out the actual vital rates of these areas and to estimate the residential vital rates of these municipalities/corporation. At present the scheme is implemented in 5 corporations and 29 municipalities. Annual report titled "Residential Vital Rates" has been prepared by the Vital Statistics Division of the Directorate. During 2018.

Percentage distribution of Live Birth and Death Registered (As per CRS)						
Year	Live Birth			Death		
	Male	Female	NR	Male	Female	NR
2010	51.56	48.39	0.05	57.57	42.34	0.09
2011	51.58	48.41	0.01	57.42	42.56	0.01
2012	51.15	48.85	0.01	54.23	45.77	0.00
2013	51.5	48.5	0.00	56.7	43.29	0.01
2014	51.33	48.66	0.01	56.77	43.22	0.01
2015	51.33	48.66	0.01	55.55	44.44	0.01
2016	51.17	48.82	0.01	55.36	44.64	0.00
2017	50.92	49.08	0.00	55.43	44.56	0.01



Vital Indicators for Kerala as per CRS data

Year	Crude Birth Rate	General Fertility Rate	Crude Death Rate	Infant Mortality Rate	Still Birth Rate	Maternal Mortality Ratio
2010	15.75	54.87	6.88	7.42	5.30	0.30
2011	16.75	59.94	7.32	7.53	4.92	0.18
2012	16.37	58.61	7.14	8.02	4.50	0.20
2013	15.88	56.80	7.70	7.22	5.15	0.36
2014	15.75	56.36	7.31	6.45	4.73	0.28
2015	15.13	54.15	7.40	5.91	4.75	0.17
2016	14.48	51.82	7.47	5.59	4.60	0.26
2017	14.62	52.32	7.64	6.31	4.58	0.24



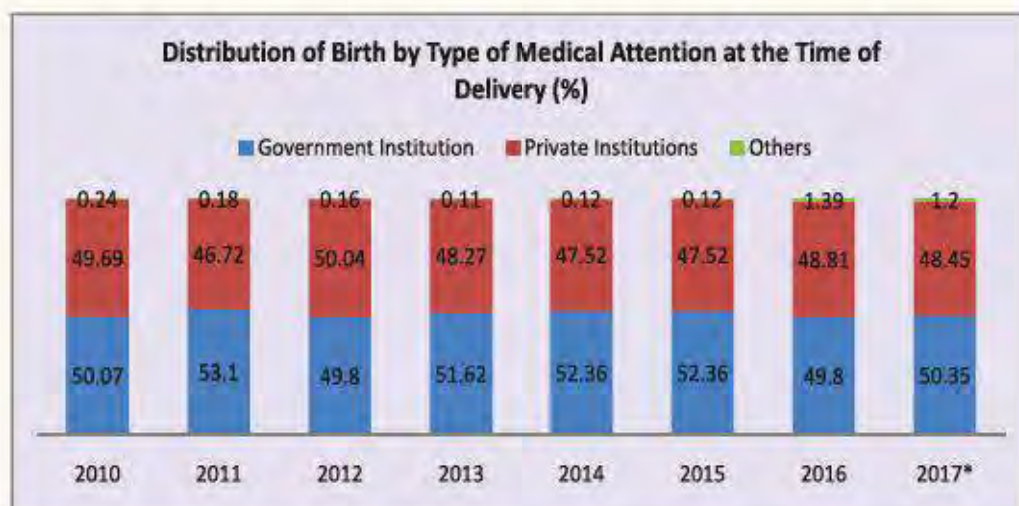
Vital Indicators for Kerala as per CRS data

Sl. No.	Year	TFR	GRR	Child Woman ratio	Percentage of infant death to total death	Sex Ratio at Birth
1	2010	1.69	0.82	302.5	1.69	939
2	2011	2.03	0.99	262.85	1.72	939
3	2012	1.99	0.97	262.86	1.84	955
4	2013	1.93	0.94	262.86	1.49	942
5	2014	1.92	0.93	262.86	1.39	948
6	2015	1.74	0.85	262.85	1.21	948
7	2016	1.75	0.85	262.85	1.08	954
8	2017*	1.76	0.87	262.85	1.21	964

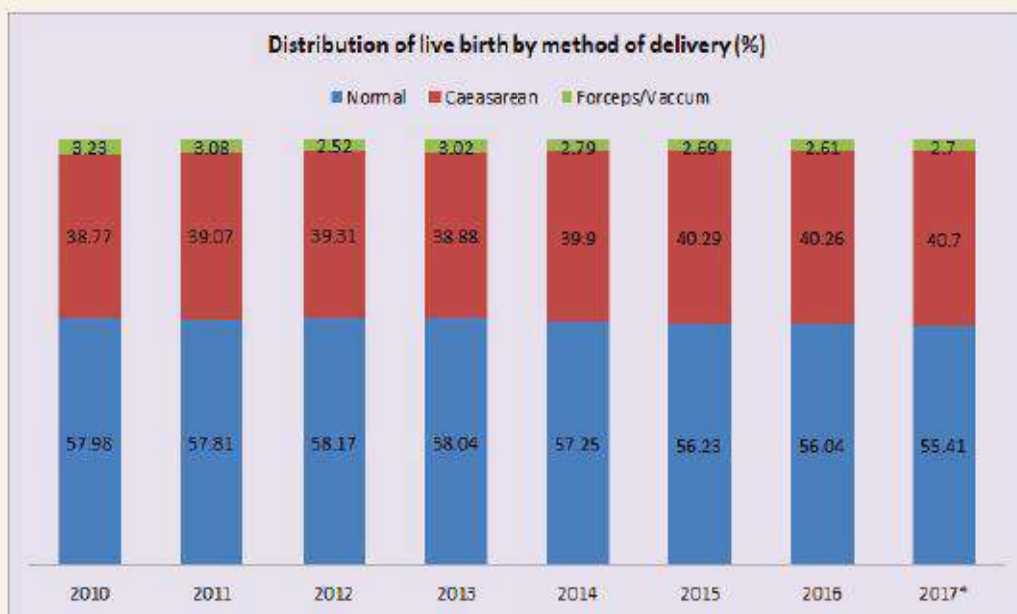
TFR-Total Fertility Rate, GRR-Gross Reproduction Rate, * provisional



Distribution of Birth by Type of Medical Attention at the Time of Delivery (%)						
Sl. No.	Year	Govt Hospital	Pvt Hospital	Qualified Professional	Untrained Functionaries & Others	Not Specified
1	2010	21.13	57.97	2.79	0.97	17.14
2	2011	20.3	56.77	2.87	1.07	18.99
3	2012	21.07	58.34	0.89	2.18	17.52
4	2013	26.67	64.44	0.61	2.01	6.36
5	2014	28.84	67.35	0.38	1.98	1.45
6	2015	27.42	67.96	0.87	2.05	1.7
7	2016	25.45	70.02	0.22	1.75	2.56
8	2017*	26.51	70.33	0.16	0.99	2.01
* Provisional						



Distribution of live birth by method of delivery (%)					
Sl. No.	Year	Normal	Caesarean	Forceps/Vaccum	Not Stated
1	2010	57.98	38.77	3.23	0.02
2	2011	57.81	39.07	3.08	0.04
3	2012	58.17	39.31	2.52	0
4	2013	58.04	38.88	3.02	0.06
5	2014	57.25	39.9	2.79	0.06
6	2015	56.23	40.29	2.69	0.79
7	2016	56.04	40.26	2.61	1.09
8	2017*	55.41	40.7	2.7	1.19
	* Provisional				

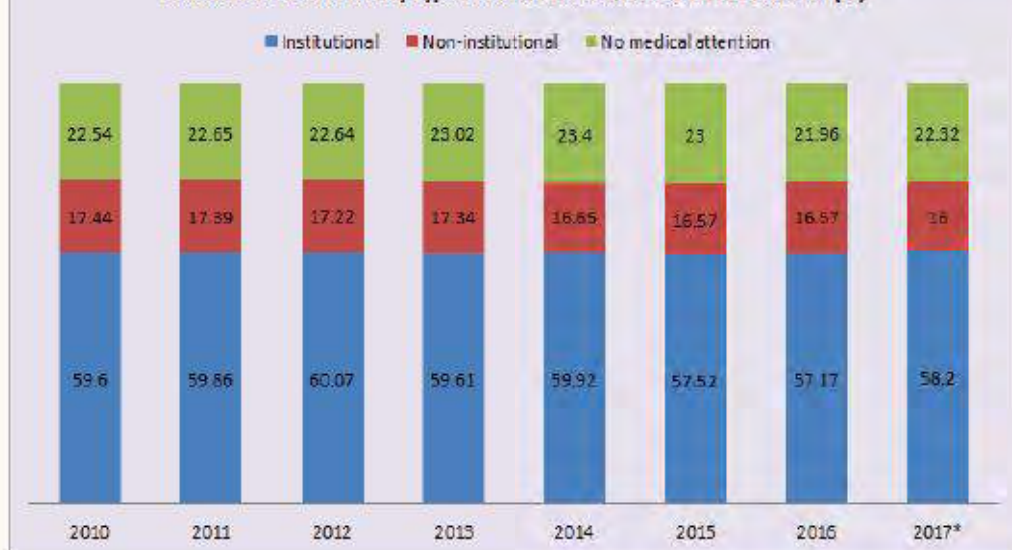


Distribution of deaths by type of Medical attention at time of death (%)

Sl. No.	Year	<i>Institutional</i>	<i>Non-institutional</i>	<i>No medical attention</i>	<i>Not stated</i>
1	2010	59.6	17.44	22.54	0.42
2	2011	59.86	17.39	22.65	0.1
3	2012	60.07	17.22	22.64	0.07
4	2013	59.61	17.34	23.02	0.03
5	2014	59.92	16.65	23.4	0.03
6	2015	57.52	16.57	23	2.91
7	2016	57.17	16.57	21.96	4.3
8	2017*	58.2	16	22.32	3.48

* Provisional

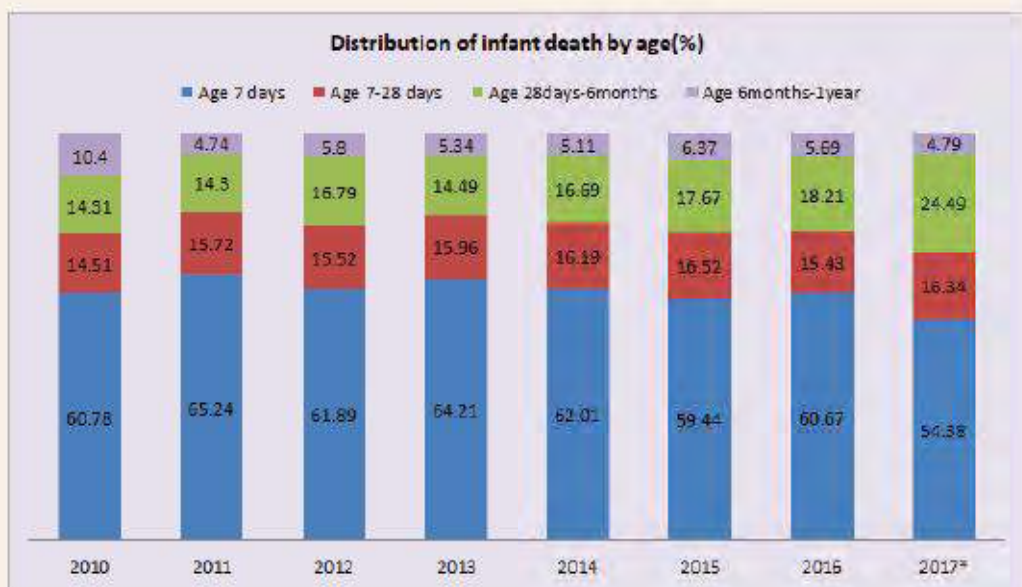
Distribution of deaths by type of Medical attention at time of death (%)



Distribution of infant death by age(%)

Sl. No.	Year	Age			
		7 days	7-28 days	28days-6months	6months-1year
1	2010	60.78	14.51	14.31	10.4
2	2011	65.24	15.72	14.3	4.74
3	2012	61.89	15.52	16.79	5.8
4	2013	64.21	15.96	14.49	5.34
5	2014	62.01	16.19	16.69	5.11
6	2015	59.44	16.52	17.67	6.37
7	2016	60.67	15.43	18.21	5.69
8	2017*	54.38	16.34	24.49	4.79

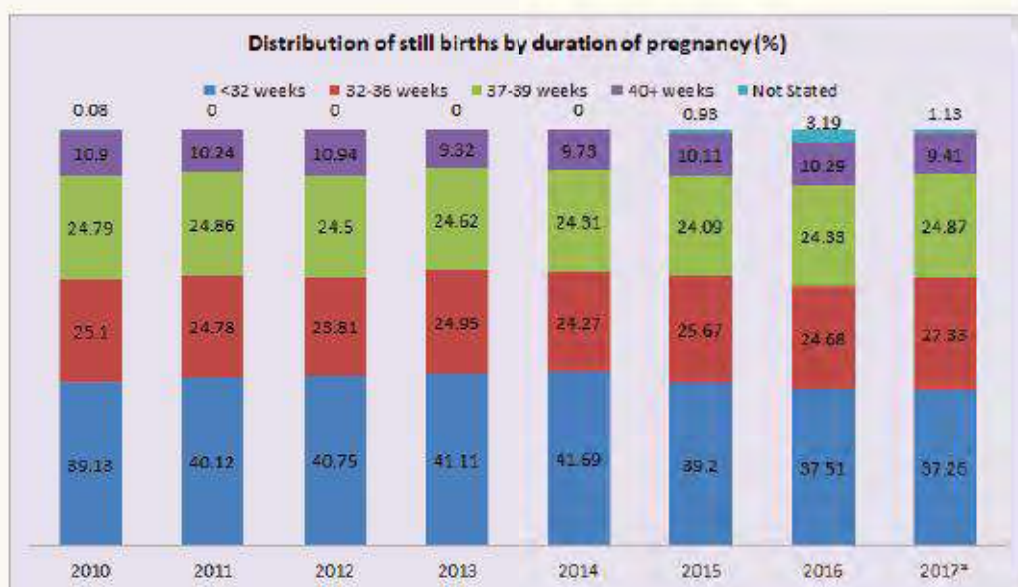
* Provisional



Distribution of still births by duration of pregnancy (%)

Sl. No.	Year	Duration of pregnancy				
		<32	32-36	37-39	40+	Not Stated
1	2010	39.13	25.1	24.79	10.9	0.08
2	2011	40.12	24.78	24.86	10.24	0
3	2012	40.75	23.81	24.5	10.94	0
4	2013	41.11	24.95	24.62	9.32	0
5	2014	41.69	24.27	24.31	9.73	0
6	2015	39.2	25.67	24.09	10.11	0.93
7	2016	37.51	24.68	24.33	10.29	3.19
8	2017*	37.26	27.33	24.87	9.41	1.13

* Provisional

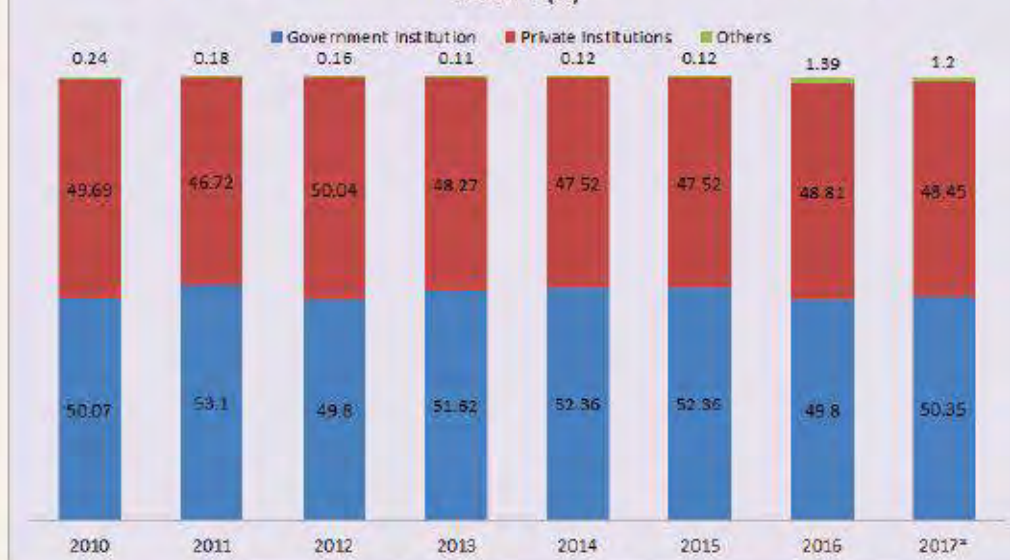


Distribution of still births by type of medical attention received at the time of Stillbirth (%)

Sl. No.	Year	Type of medical attention			
		Government Institution	Private Institutions	Physician, Nurses and Midwife	Relatives & Others
1	2010	50.07	49.69	0.21	0.03
2	2011	53.1	46.72	0.18	0
3	2012	49.8	50.04	0.16	0
4	2013	51.62	48.27	0.11	0
5	2014	52.36	47.52	0.12	0
6	2015	52.36	47.52	0.12	0
7	2016	49.8	48.81	0.43	0.96
8	2017*	50.35	48.45	0.52	0.68

* Provisional

Distribution of still births by type of medical attention received at the time of Stillbirth (%)

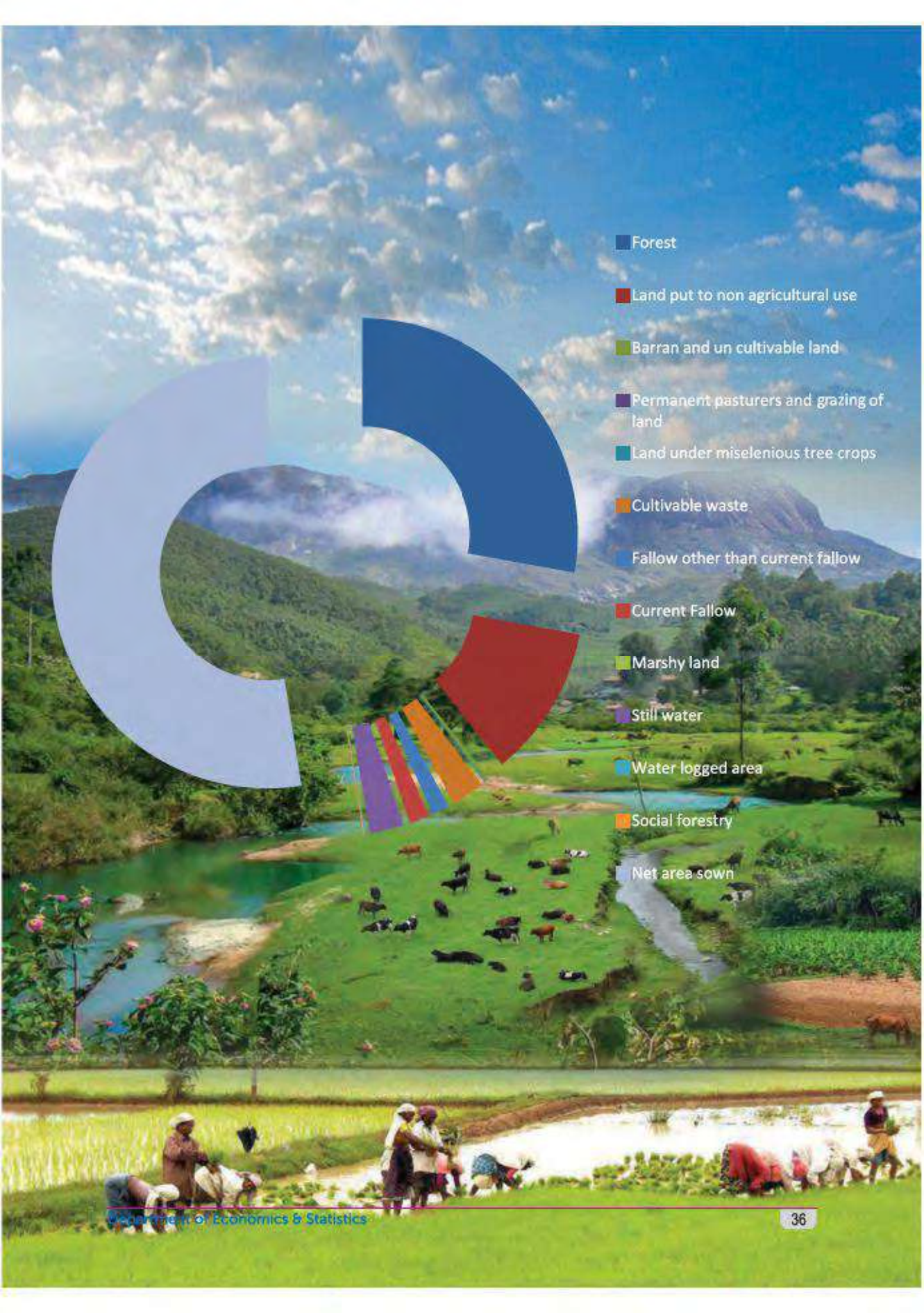




Agriculture Statistics

Agriculture Statistics in Kerala was collected through Land Utilisation Surveys conducted every year by the Department of Economics and Statistics till 1975-79. From 1975-76 onwards Government of India sponsored a scheme Establishment of an Agency for Reporting Agriculture Statistics (EARAS) as a variant of the Timely Reporting Survey (TRS) implemented in Kerala being a non land record state. Under the scheme area, production and productivity of agricultural crops, thirteen way classification of Land use statistics, Net area irrigated, Gross area irrigated etc are estimated. The estimates are available at block-district-state level for important crops, seasonally and also annually. The details are available up to the agriculture year 2017-18.

Land Use statistics 2017-18			
Sl. No	Category	Area in hect	Percentage to total Geographical Area
1	Forest	1081509	27.83
2	Land put to non agricultural use	443041	11.4
3	Barren and un cultivable land	10894	0.28
4	Permanent pastures and grazing of land	0	0
5	Land under miscellaneous tree crops	2245	0.06
6	Cultivable waste	96491	2.48
7	Fallow other than current fallow	49461	1.27
8	Current Fallow	57522	1.48
9	Marshy land	14	0
10	Still water	98889	2.54
11	Water logged area	3235	0.08
12	Social forestry	2571	0.07
13	Net area sown	2040415	52.5



- Forest
- Land put to non agricultural use
- Barran and un cultivable land
- Permanent pasturers and grazing of land
- Land under miselenious tree crops
- Cultivable waste
- Fallow other than current fallow
- Current Fallow
- Marshy land
- Still water
- Water logged area
- Social forestry
- Net area sown

Area and production of crops in Kerala during 2017-18

Sl No	Crop	Area (hect)	Production(T)	Productivity (kg/hect)	GVA(Rs in lakhs)	% of contribution to State GVA to crop sector
1	Rice	194235	521310	2757	79255	2.31
2	Tapioca	70193	2697319	38427	408622	11.9
3	Coconut @	760443	5230	6878	854344	24.87
4	Banana	62108	565829	9111	208865	6.08
5	Plantain	54455	379683	6972	81703	2.38
6	Pineapple	8823	82934	9399	18285	0.53
7	Pappaya	19188	113439	5912	24055	0.7
8	Mango	78492	489650	6238	134866	3.93
9	Jack @	91538	309	3376	142189	4.14
10	Arecanut	97580	108516	1147	246793	7.19
11	Pepper	85141	37955	446	166469	4.85
12	Cashew	39720	25629	645	33185	0.97
13	Ginger(cured)	4370	18979	4343	4685	0.14
14	Turmeric(cured)	2778	8822	3177	1804	0.05
15	Sugarcane(canegur)	1048	11511	10987	4304	0.13
16	Tamarind	10606	36466	3438	32359	0.94
17	Nutmug	22701	14682	647	26734	0.78
18	Cardamum	39080	18350	470	166312	4.84
19	Tea	30205	62230	2060	37890	1.1
20	Coffee	84976	66465	782	44827	1.31
21	Rubber	551115	540775	981	673455	19.61
22	Cocoa	14522	14533	1001	5929	0.17

@Production in million nuts-Productivity in Nos

During 2017-18, the Districts of having Highest area and production of crops

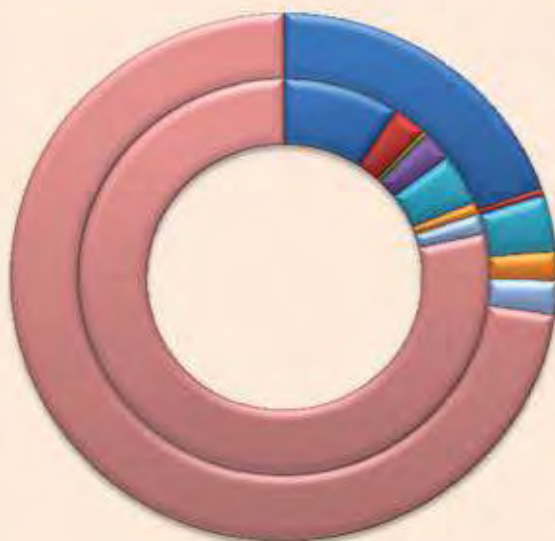
Crop	Area		Production	
	District	% to state	District	% to state
Rice	Palakkad	39	Palakkad	38
Tapioca	Thiruvananthapuram	21	Thiruvananthapuram	20
Coconut	Kozhicode	15	Malappuram	16
Banana	Pallakkad	27	Pallakkad	33
Plantain	Thiruvananthapuram	14	Thiruvananthapuram	16
Pineapple	Eranakulam	57	Eranakulam	61
Arecanut	Kasargode	21	Kasargode	44
Pepper	Idukki	52	Idukki	66
Cashew	Kannur	49	Kannur	73
Tea	Idukki	73	Idukki	72
Coffee	Wayanad	79	Wayanad	85
Rubber	Kottayam	21	Kottayam	20
Coca	Idukki	67	Idukki	71

All India estimates on area & Production during 2014-15

Sl No	Crop	Area (hect)		Production(T)			% of contribution
		India	Kerala	% of contribution	India	Kerala	
1	Rice	43860	198	0.45	10480	562	5.36
2	Coconut	1975.81	793.856	40.18	20439	5947	29.1
3	Cashew	1027	45.44	4.42	725	29.71	4.1

Change on Area under Land Utilisation from 1977-78 to 2017-18

Sl.No	Category	Area in hect	
		1977-78	2017-18
1	Land put to non agricultural use	257276	547750
2	Barren and un cultivable land	75382	10894
3	Permanent pastures and grazing of land	10616	0
4	Land under miscellaneous tree crops	67960	2245
5	Cultivable waste	118256	96491
6	Fallow other than current fallow	27118	49461
7	Current Fallow	46111	57522
8	Net area sown	2201269	2040415



- Land put to non agricultural use
- Barran and un cultivable land
- Permanent pasturers and glazing of land
- Land under miselenious tree crops
- Cultivable waste
- Fallow other than current fallow
- Current Fallow
- Net area sown

Area under crops for the last ten years 2008- 09 to 2017-18(Hect)

YEAR	Name of Crop											
	Paddy	Tapioca	Coconut	Banana	Plantain	Arecanut	Peppar	Cashew	Cardamom	Tea	Coffee	Rubber
2008-09	234265	87241	787769	54739	50126	97492	153711	53007	41588	36557	84696	517475
2009-10	234013	74925	778618	51275	47802	99188	171409	48972	41593	36845	84796	525408
2010-11	213187	72284	770473	58671	49129	99834	172182	43838	41242	36965	84931	534230
2011-12	208160	74498	820867	59069	48747	104548	85335	54052	41600	37028	85359	539565
2012-13	197277	68586	798162	61011	48859	101775	84707	52086	41600	30205	85359	539565
2013-14	199611	67589	808647	62261	54512	100008	84065	49105	39730	30205	85359	548225
2014-15	198159	75493	793856	61936	56761	96686	85431	45436	39730	30205	85359	549555
2015-16	196870	69405	790223	59835	57683	99126	85948	43090	39730	30205	84987	550840
2016-17	171398	68664	781496	57158	57140	97696	85207	41661	39080	30205	84976	551050
2017-18	189089	70193	760443	62108	54455	97580	85141	39720	39080	30205	84976	551115

Cost of Cultivation

Department of Economics & Statistics is conducting annual survey of cost of cultivation in Kerala from 1980-81 onwards. The main objective of this survey is to estimate the cost of cultivation per hectare of important crops and to compare the cost under different concepts, over a period. Cost of Cultivation per hectare and value of output per hectare of 12 important crops are prepared in district and State level.

The survey covered all the districts in the state by considering Taluk as a stratum. From each Taluk (stratum) required number of investigator zones were selected using circular systematic sampling method. From each investigator zone required number of cultivators are selected.

Cost incurred for growing the selected crops are classified under cost 'A' cost 'B1', Cost 'B' and Cost 'C'.

Cost 'A' - All kind of expenses (paid out costs) actually incurred by the Cultivators

Cost 'B1' - Cost 'A' + Interest on fixed assets (excluding land)

Cost 'B' - Cost 'B1' + interest on Fair value of land

Cost 'C' - Cost 'B' + Imputed value of family labour

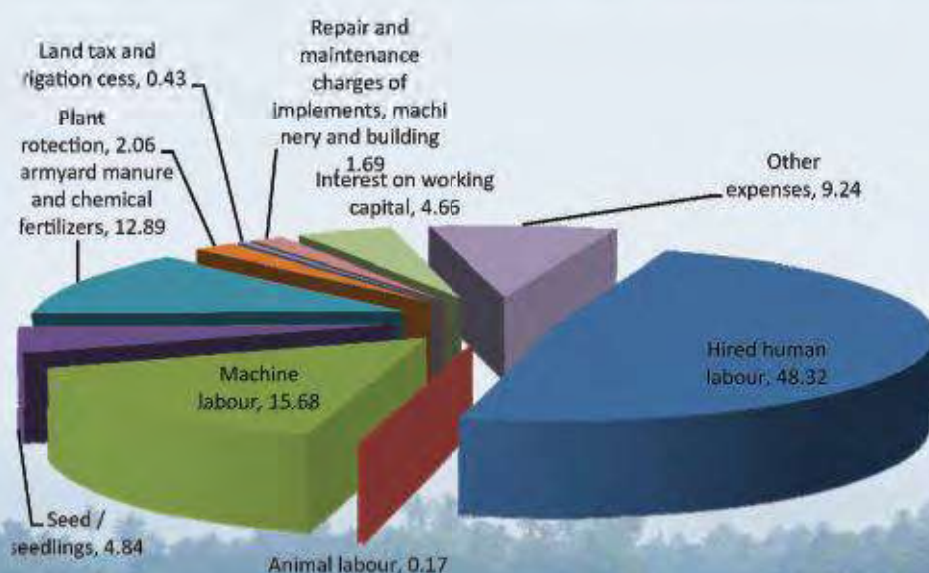
The period of the survey is the Agriculture year (July – June). The holdings selected for the study are grouped under three size classes (small, medium and large) for each crop on the basis of the area under the crops in the holding as shown below:



Size Group	Holding Size	
	Paddy	Other Crops
Small	< 0.40 hectare	< 0.2 hectare
Medium	0.40 to < 2 hectare	0.20 to < 0.80 hectare
large	2 hectare	0.80 hectare

Crops covered are paddy (3 seasons), coconut, arecanut, tapioca, banana, pepper, ginger, turmeric, pineapple, bitter guard (3 seasons), cowpea (3 seasons) and cardamom (Idukki, Wayanad & Palakkad).

Percentage of Distribution of "COST A" per hectare of Autumn Paddy during 2015-16





Evaluation

The Soil Conservation Survey has been conducting regularly in 13 districts, to evaluate the effectiveness of measures taken under soil conservation, Watershed schemes carried out and its impact in crop production, productivity, Water level moisture content etc. The main objective of the evaluation study is to study the effects of the work carried out by the Soil Survey and Soil Conservation Department in this direction.

For this, schemes execute three years prior to the survey period in the state by the Soil Survey and Soil Conservation Department has been selected. All the beneficiaries under the selected scheme have been includes in the survey. In addition to this, control plots (20% of number of beneficiaries) were selected from the outside scheme area was also included for the survey for comparison purpose.

Using the survey result we can examine the following:

Land use particulars of beneficiary plots before and after SC work(Area cultivated and not cultivated, Current Fallow, other uses)

Land use particulars of Control plots

Area wise crop pattern of perennial and seasonal crops before and after SC work

Crop wise yield and value of perennial and seasonal crops before and after SC work

Total income ,expenditure and net income of scheme area before and after SC work

Income ,expenditure and net income of Control plots

Income per acre before and after SC work in scheme area

Income per acre in Control plots

Occupational profile of scheme area and control plots(Agriculture and non agriculture)

Cropping intensity in scheme area before and after SC work

Well water level variation during the months April-May before and after SC work

A close-up photograph of a rice field. The image shows several rice panicles (grains) in various stages of maturity, ranging from green to golden-brown. The leaves are long and narrow, with prominent veins. The background is slightly blurred, showing more of the field.

Agriculture Census



Govt. of India has been conducting Agriculture Census quinquennially since 1970-71 as a part of the World Agriculture Census undertaken by the Food & Agriculture Organization (FAO) of United Nations. Agricultural Census is a large scale statistical operation for the collection and compilation of quantitative information about the structure of agriculture in the country. An agricultural operational holding is the ultimate unit for decision making for development of agriculture at micro level. So an operational holding is taken as the statistical unit of data collection for describing the structure of agriculture.

Agriculture Census is carried out in three distinct Phases which are statistically linked together. During first phase of Agriculture Census, data on primary characteristics like number of operational holdings and area operated by different size classes, Social groups, gender and type of holding is collected from selected wards. Detailed data on characteristics of operational holdings such as land use, irrigation status, tenancy particulars, cropping pattern etc. are collected from selected holdings of selected wards in the second phase. In phase 3, data on input use pattern are collected from selected holdings in selected wards. Thus the whole operation of Agricultural Census in India is not really a complete Census. In fact it is a combination of census and Sample Survey.

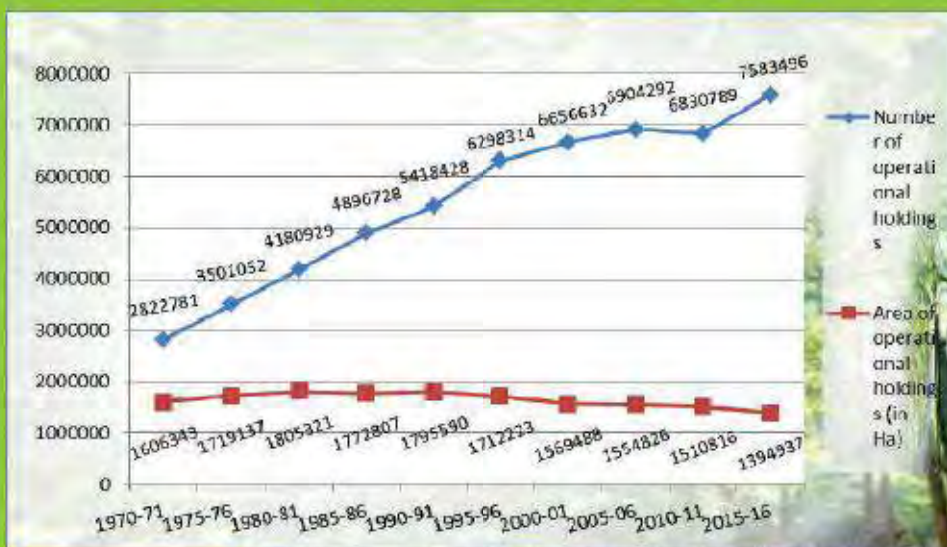
The reference year for Agriculture Census is the agriculture year (July to June). The first comprehensive country wide Agriculture Census was organized in India by the Ministry of Agriculture during the year 1970-71 which was followed by reference years 1976-77, 1980-81, 1985-86, 1990-91, 1995-96, 2000-01, 2005-06 and 2010-11. Starting with the second Agriculture Census, an Input Survey as a follow up survey is conducted to collect data on pattern of input use by the operational holdings with reference years 1977-78, 1981-82, 1986-87, 1991-92, 1996-97, 2001-02, 2006-07 & 2011-12.

Now the works related to 10th Agriculture Census with reference year 2015-16 and 9th Input Survey with reference year 2016-17 is going on in Kerala. The field works of three phases were completed and provisional tables for phase 1 was approved by Govt. of India.

1. Size class wise number, area & average size of operational holdings on 2015-16

Size Class	Number of Operational Holdings	Area of Operational Holdings (Ha)	Average size of operational holdings
Marginal (Below 1 Ha)	7333248	856074.10	0.12
Small (1-1.99 Ha)	181372	242336.50	1.34
Semi-medium (2-3.99 Ha)	55744	141685.40	2.54
Medium (4-9.99 Ha)	11274	60007.60	5.32
Large (10 Ha & above)	1858	94833.10	51.04
Total	7583496	1394936.70	0.18

2. Number and Area of Operational holdings during 1970-71 to 2015-16



3. Size class wise distribution of number of holdings and area operated according to tenancy status 2010-11

Size class	Number of holdings				Area operated (in hectare)			
	Wholly owned & self operated	Wholly leased in	Wholly otherwise operated	Partially owned, partially leased & partially otherwise operated	Wholly owned & self operated	Wholly leased in	Wholly otherwise operated	Partially owned, partially leased & partially otherwise operated
Marginal (Below 1 Ha)	6526605	3856	16614	159	868350.83	1429.68	2163.23	116.47
Small (1-1.99 Ha)	173556	350	573	76	271929.87	483.08	839.78	128.92
Semi-medium (2-3.99 Ha)	54591	320	292	0	152387.6	860.06	599.58	0
Medium (4-9.99 Ha)	11279	192	5	7	59924.93	1093.38	30.84	29.81
Large (10 Ha & above)	1745	38	0	0	115111.08	1906.24	0	0
Total	6767776	4756	17484	242	1467704.31	5772.44	3633.43	275.2

4. Average Consumption of Chemical Fertilizers in terms of Nutrients in Irrigated Area (Kg/Ha)

Sl No	Size Class (in Ha)	HYV			Others			Total		
		N	P	K	N	P	K	N	P	K
1	Below 1.0	64.14	35.84	23.43	61.07	37.06	30.77	62.03	36.68	28.48
2	1.00 - 1.99	86.21	36.68	30.23	69.56	37.71	26.73	77.16	37.24	28.33
3	2.00 - 3.99	81.96	35.15	28.88	67.46	42.15	28.23	75.12	38.45	28.57
4	4.00 - 9.99	91.17	48.20	36.40	79.34	52.12	32.78	86.46	49.76	34.96
5	10.00 & above	88.79	38.33	37.64	33.08	34.60	32.24	66.84	36.86	35.52
2011-12 All Sizes		75.20	37.11	27.43	63.51	38.22	29.94	68.05	37.79	28.97
2006-07 All Sizes		17.59	50.49	20.05	21.87	27.07	25.63	25.63	20.34	35.14
2001-02 All Sizes		64.90	27.54	53.19	42.15	56.74	46.55	40.98	46.33	42.27



National Sample Survey

National Sample Survey(NSS)

The National Sample Survey Office (NSSO) was set up in 1950, with the idea of having a permanent survey organization to collect data on various facets of the economy. In order to assist in socio-economic planning and policy making, NSSO conducts nationwide sample surveys known as National Sample Survey (NSS). The National Sample Surveys (NSS) are the primary source of data on various socio-economic indicators at national and state levels, for planning and policy making. The NSS is a continuing survey in the sense that it is carried out in the form of successive "rounds", each round usually of one year duration covering several topics of current interest. The surveys are conducted through household interviews, using a random sample of households covering practically the entire geographical area of the country.

Participation of State

As the NSS samples were small, the state governments were invited to participate with matching samples so as to enable the preparation of estimates at district level which was not possible with the 'Central Sample' alone. Considering the demands for district level estimates, Kerala State has been participating in the National Sample Surveys from the very beginning with matching samples by collecting data by adopting the same sampling design, methodology of National Sample Survey Office under Ministry of Statistics and Programme implementation, Govt. of India to provide more disaggregated results at regional level. One of the core objectives of state participation in NSS programme is to provide a mechanism by which sample size will be increased and the pooling of the two sets of data would enable in arriving better estimates at district level .

Subject coverage of NSS

The National Sample Survey covers the same topics / subjects at certain regular interval. Of course, the designing of schedule will be modified according to the changed needs. The subject coverage of socio-economic enquires for different rounds are decided on the basis of a 10 year cycle. Certain topics like labour force, household consumer expenditure, social consumption, housing condition of people, unorganized non agriculture enterprise surveys, household land and livestock holding and debt and investment are repeated at quinquennial or decadal intervals while the remaining years are allocated to subjects of special interest. Various subjects covered under different NSS round surveys and key indicators resulted in each round were briefed below

1. Employment & Unemployment situation

Key Indicators

- 1. Labour Force Participation Ratio**
- 2. Gender gap in labour force**
- 3. Age specific Labour Force Participation Ratio**
- 4. Labour Force among aged people**
- 5. Worker population ratio**
- 6. Rural house hold participation in MGNREG work**
- 7. Unemployment rate**



2.Consumer Expenditure

Key Indicators

1. **Monthly Per capita Consumption Expenditure(MPCE)**
2. **Level of consumption of food and non food items**
3. **Composition of MPCE by different item category**



3.Household social consumption : Health

Key Indicators

1. **Measurement of the use of public & Private health services**
2. **Status of immunisation of children of age 0-5 years**
3. **Prevalence rate of morbidity among various age sex groups**
4. **Hospitalisation rates**
5. **Proportion of institutional child birth etc**



4. Household social consumption : Education

Key Indicators

1. Measuring qualitative aspects such as Participation of persons in the education system, Expenditure incurred on education etc.
2. Measuring qualitative aspects such as Literacy rate, Education level attained, Type of institution, Nature of institution, Current attendance/ enrolment, Details of free education, Reason for currently not attending education etc.



5. land and livestock holdings of the households and situation assessment of agricultural households Kerala

Key Indicators

1. Ownership and operational holdings of all households (including agricultural households) in the rural areas
2. Economic well-being of households as measured by their consumption expenditure, income, productive assets and indebtedness
3. Farming practices
4. Awareness and access to various technological developments and welfare scheme in the field of agriculture



8. Housing condition, Drinking Water ,Hygiene and sanitation

Key Indicators

Facilities of drinking water , sanitation along with housing facilities available to the households and the micro environment surrounding of the houses .

Some important items of enquiry are

- Type of dwelling unit (residing structure) , its ownership details, condition of the structure, floor area of the structure etc
- Facilities of drinking water, bathroom, latrine etc
- Drainage system of the house , system of disposal of household waste water & household garbage, problems of flies and mosquitoes etc.



STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Labour Force Participation Rate

Labour Force Participation Rate

District	PS+SS	CWS	CDS
KSD	393	311	301
KNR	358	349	337
WND	413	405	385
KKD	329	320	312
MLP	285	283	268
PKD	355	349	330
TSR	365	347	318
EKM	408	400	380
IDK	491	470	437
KTM	422	405	370
ALP	403	395	376
PTA	426	420	403
KLM	363	351	326
TVM	381	353	322
ALL	370	356	336



Labour force refers to the population which supplies or offers to supply labour for pursuing economic activities for the production of goods and services and, therefore, includes both 'employed' and 'unemployed' persons/person days. Labour Force Participation Rate (LFPR) is defined as the proportion of persons/person days in the labour-force to the total persons/person-days.

6. Debt and Investment

Key Indicators

Measuring quantitative information on the stock of assets, incidence of indebtedness, capital formation and other indicators of the rural/urban economy



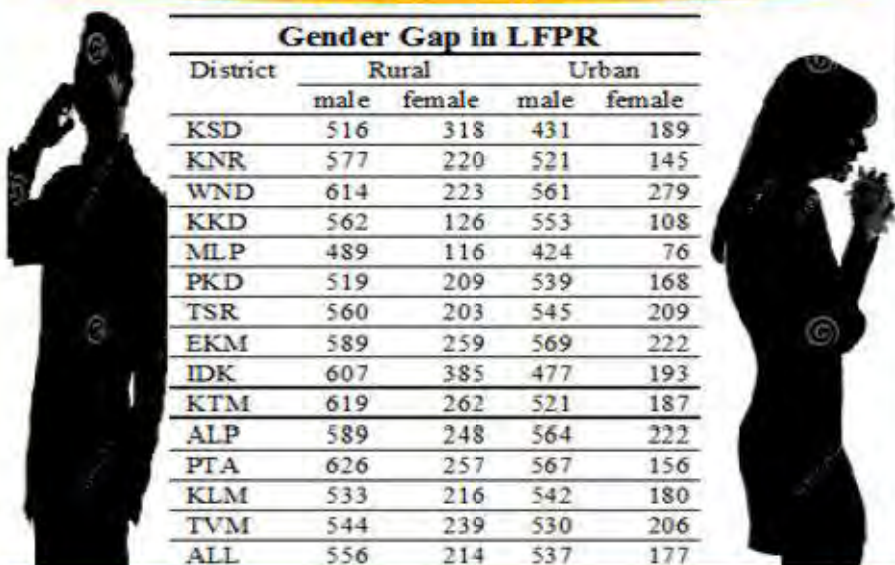
7. Unincorporated Non Agricultural enterprises

Key Indicators

Measuring economic and operational characteristics such as No. of Enterprises, No. of workers, Status of working, Fixed capital etc of unincorporated non-agricultural enterprises in manufacturing, trade and other services sectors (excluding construction).

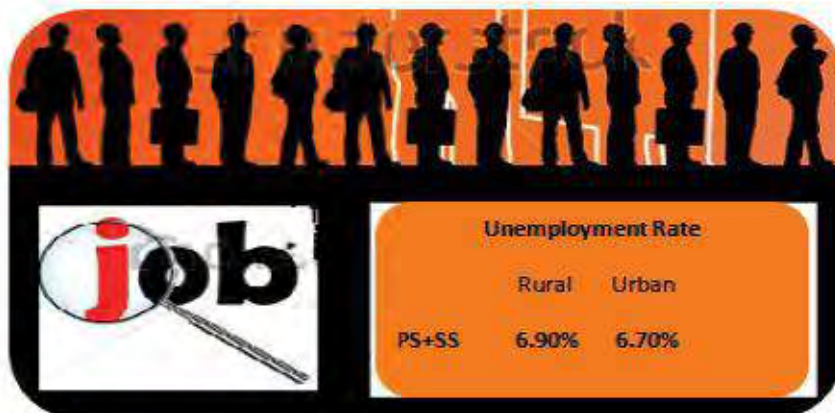


Gender Gap in Labour Force – District wise



District	Gender Gap in LFPR			
	Rural		Urban	
	male	female	male	female
KSD	516	318	431	189
KNR	577	220	521	145
WND	614	223	561	279
KKD	562	126	553	108
MLP	489	116	424	76
PKD	519	209	539	168
TSR	560	203	545	209
EKM	589	259	569	222
IDK	607	385	477	193
KTM	619	262	521	187
ALP	589	248	564	222
PTA	626	257	567	156
KLM	533	216	542	180
TVM	544	239	530	206
ALL	556	214	537	177

Unemployment Rate



Unemployment Rate is the ratio of number of unemployed persons to the number of persons in labour force

STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS



Monthly Per Capita Expenditure



Average MPCE Rural	2533.30
Average MPCE Urban	3155.85
District with Highest MPCE Rural	Kottayam (Rs.3162.56)
District with Lowest MPCE Rural	Kasaragod (Rs.1950.61)
District with Highest MPCE Urban	Thiruvananthapuram (Rs.4142.21)
District with lowest MPCE Urban	Malappuram (Rs.2238.32)

STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Per 1000 distribution of Household's Source of drinking water

	Major Source of drinking water	Rural + Urban	
	Bottled water	4	
	Piped water	165	
	Public tap	62	
	Tube well	58	
	Well	700	

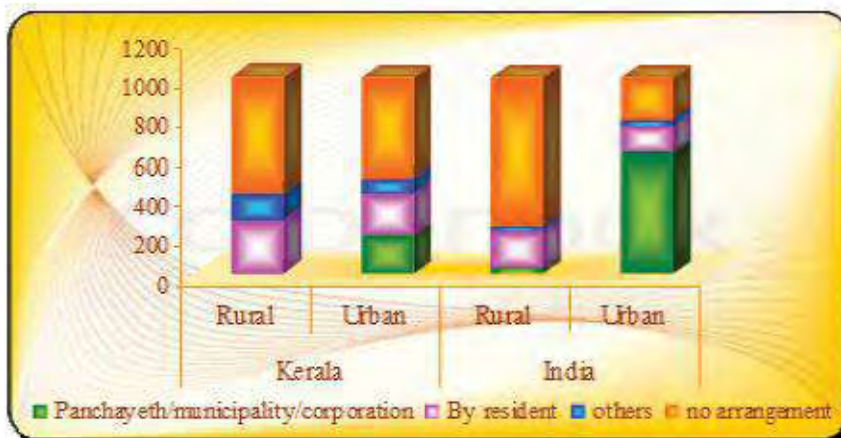
STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Per 1000 distribution of households by different categories of bathroom facility



STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Per 1000 distribution of households by type garbage disposal system



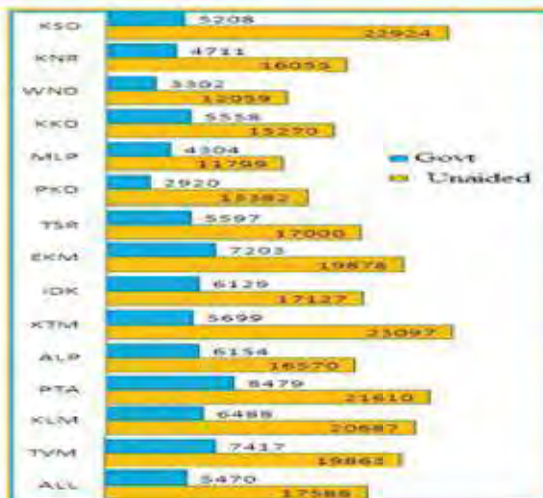
STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Students depending on type of institution and the reason for preferring unaided institutions



STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Expenditure(In Rs) Flow on Education



STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Female drop outs/ discontinuance in education

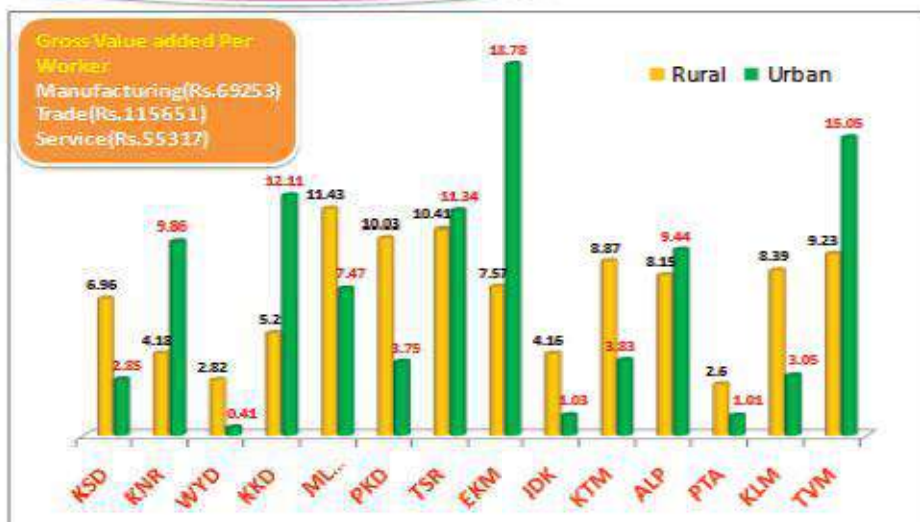


Age group	Percentage of dropped outs/discontinued				
	5-15	16-17	18-24	25-29	5-29
%	0.05	4.77	55.52	96.43	34.98

Reasons for dropping/discontinuing Education (%)					
Not interested in Education	Financial constraints	Engaged in domestic activities	Completed desired level	Marriage	others
11.70	10.50	11.10	15.60	29.30	21.80

STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Percentage Distribution of Unincorporated Non Agricultural Enterprises all over Kerala



STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Health Status

Category	Public hospital		Private hospital	
	Rural	Urban	Rural	Urban
% distribution of women aged 15-49 by place of childbirth	31	63	32	68
Percentage distribution of cases of hospitalised treatment received	65.3	66.7	34.7	33.3
Major source of finance for hospitalisation				
	Rural		Urban	
Household savings	63		32	
borrowings	66.7		34.7	

STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

Economic Independence – Aged persons(60+)

Percentage of Economic independence	Rural		Urban	
	Male	Female	Male	Female
Do not depended on others	43.20	13.30	49.00	17.80
Fully depended on others	34.90	66.50	31.70	57.60



STATISTICAL DATA ABSTRACT OF KERALA BASED ON RECENT NSS ROUNDS

In both rural and urban households were 46.70% indebted



A photograph of medical equipment on a white background. A stethoscope with a black tube and silver chest piece is positioned diagonally. A digital thermometer with a white handle and a blue display is located in the lower right. The text "Medical Certification of Cause of Death(MCCD)" is overlaid in green in the center.

Medical Certification of
Cause of Death(MCCD)

- I. Diseases of Circulatory System (27.36%).
- II. Neoplasm (16.44%).
- III. Endocrine, Nutritional and Metabolic Diseases (11.00%).
- IV. Diseases of the Respiratory System (10.21%).
- V. The Genitourinary System (7.40%)
- VI. Diseases of the Digestive System (7.31%)
- VII. Certain Infectious and Parasitic diseases (4.87%)
- VIII. Injury, Poisoning and certain other consequences of External Causes (3.80%).
- IX. Certain condition originating in the perinatal period (2.91%).



Among the cause group 'Diseases of the Circulatory System', 'Ischemic Heart Diseases' (IHD) account for the highest number of deaths (38.69%).

The second leading cause group, Neoplasms (cancer) is responsible for 16.44% of the total medically certified deaths, of which 'Malignant neoplasm of digestive organs' accounts for 26.13%. This is followed by 'Malignant Neoplasms of respiratory and intrathoracic organs' (18.65%) and 'Malignant Neoplasms of Lymphoid, Haematopoietic and Related tissue' (18.05%) accounts more than one-sixth of deaths under this group.

The group of 'Endocrine, Nutritional and Metabolic Diseases' is the third leading cause group accounting for 11.00% of the total medically certified deaths. Under this cause group, 'Diabetes Mellitus' group alone accounts for 88.82% of total deaths reported and 9.77% of total medically certified deaths respectively.

'Diseases of the Respiratory System' is the fourth leading cause group (10.21%). 'Lower Respiratory Disorders' accounting for around 70.97% of the total deaths under this category. The other underline cause in this group is 'Other diseases of the respiratory system including Pneumonia' causing 28.93% of death.



Medical Certification of Cause of Death(MCCD)

The scheme of Medical Certification of Cause of Death (MCCD) was introduced in the country under the provisions of Registration of Births and Deaths (RBD) Act, 1969. Section 10(2) of the Act empowers the State Government to enforce the provision relating to MCCD in specified areas taking into consideration the availability of medical facilities. Section 10(3) of the Act provides issuing a certificate of the cause of death by the medical practitioner who has attended the deceased at the time of death.

The necessary data is collected in the prescribed forms (Form No.4 for Institutional deaths and Form No.4A for Non-institutional deaths). Both these forms have been designed by World Health Organisation and are supposed to be filled-up by the medical professionals attending to the deceased at the time of terminal illness. Thereafter, these forms are to be sent to the concerned Registrars of Births and Deaths for tabulation as per National list, based on Tenth revision of International Classification of Disease (ICD-10), for onward transmission to the Additional Chief Registrar's Office. The State subsequently sends it to the Office of the Registrar General of India in the standardised format for National level consolidation.

Data on medically certified deaths collected from 149 hospitals of the state have been tabulated in conformity with the ICD-Tenth Revision (ICD-10).

27618 medically certified deaths reported during the year 2017 in which 17160 were males and 10458 were females. This represents 10.78 % of total registered deaths and 18.86% of the institutional death reported from the State.

Around 1.05% of reported medically certified deaths have been of the children aged '5-14'.

In the age group '5-14', major group 'Neoplasms' is in the topmost position with the share of 24.20% in which 54.05% of death is due to 'Leukaemia'. 14.70% of deaths in this age group is due to 'Certain Infectious and Parasitic Diseases'.

Around 1.95% of reported medically certified deaths have been in the age group '15-24'.

In the age-group of '15-24', major group, 'Injury Poisoning & certain other consequences of External causes' is the first among the leading causes contributing around 25.52%. It implies that this age-group of adolescents is most vulnerable to injuries and poisoning related deaths. Around 15.91% of death under this age group is due to 'Neoplasm' in which 51.65% is due to 'Leukaemia'.

Around 2.75% of reported medically certified deaths have been in the age group '25-34'.

In the age-group of '25-34', major group, 'Injury Poisoning & certain other consequences of External causes' is the first among the leading causes contributing around 17.02%. It implies that these age-group of youths are also more vulnerable to injuries and poisoning related deaths. 'Neoplasm' contribute around 15.53% of death under this age group in which 38.40% is due to 'Leukaemia'.

Around 5.41% of reported medically certified deaths have been in the age group '35-44'.

In the age-group '35-44', the first two leading causes are 'Neoplasm' and 'Diseases of Circulatory System' having almost equal shares of 22.36% and 15.29% respectively. 'Diseases of the Digestive System' contributing around 13.83%.

Around 12.92% of reported medically certified deaths have been in the age group '45-54'.

For the age-groups of '45-54', the leading causes of death are 'Neoplasm' and 'Diseases of Circulatory System' having 23.58% and 22.05% respectively. 12.66% of deaths under this age group are related to 'Diseases of the Digestive System' in which 87.27% is due to 'Diseases of the liver'.

21.76% of the total medically certified death comes under the age group '55-64'. In this age group the first leading causes of death is 'Diseases of Circulatory System' (25.51%). The prominent

Following are nine leading cause-groups of deaths constituting around 91.30% of total medically certified deaths:

The major group comprising 'The Genitourinary System' is the fifth leading cause accounting for 7.40% of the total medically certified deaths.

'Diseases of Digestive System' is the sixth leading cause group accounting for 7.31% of the total medically certified deaths. Among the deaths due to disorders of digestive system, 'Diseases of the Liver' alone accounts for 78.40% of the total deaths under this group.

The major group 'Certain Infectious and Parasitic Diseases' contributed 4.87% of deaths which is the seventh leading cause mainly constituted by Septicaemia and Tuberculosis. Under this major group, the shares of these two diseases are 22.65% and 20.48% respectively.

The eighth leading cause group 'Injury, Poisoning and certain other consequences of External causes' accounting 3.80% of the total medically certified deaths.

The ninth leading group 'Certain conditions originating in the perinatal period' accounting for 2.91% of the total medically certified deaths. 'Slow foetal growth, foetal malnutrition and immaturity' and 'Hypoxia, birth asphyxia and other respiratory conditions' accounts for 39.86% and 24.97% of the deaths under this group.

Age-wise:

Around 4.82% of reported medically certified deaths have been of the infants (age less than 1 year).

About 60.50% of infant deaths have been reported to be caused by 'Certain conditions originating in the perinatal period' and about 32.20% deaths have been caused by 'Congenital Malformations, Deformations and Chromosomal Abnormalities'.

Around 0.74% of reported medically certified deaths have been of the children aged '1-4'.

Among the children aged '1-4', 'Congenital Malformations, Deformations and Chromosomal Abnormalities' have taken the highest toll of 21.10% and 19.72% due to 'Neoplasms' in which 60.47% is due to 'Leukaemia'.

leading causes followed are 'Neoplasm' and 'Endocrine, Nutritional and Metabolic Diseases' having percentage of 22.24 and 12.73 respectively. Under Neoplasm, 28.65% death comes under 'Malignant neoplasm of digestive organs'. Under 'Endocrine, Nutritional and Metabolic Diseases', 94.33% due to 'Diabetes mellitus'.

For the age-group 65-69 years, the leading causes of death is 'Diseases of Circulatory System' (32.63%). The cause 'Neoplasm' is the next major cause of death (16.09%).

The age group 70 and above contribute the maximum incidence (34.23%) of total medically certified deaths. The leading causes of death are 'Diseases of Circulatory System' (37.65%). The cause 'Diseases of the Respiratory System' is the next major cause which contributed 14.63%.

Gender-wise:

Out of total medically certified death, 61.55% are from males and 38.45% from female. There is significant difference between males and females for all age groups under medically certified deaths.

For infant, age less than one year, 55.32% of deaths are from male and 44.68% female.

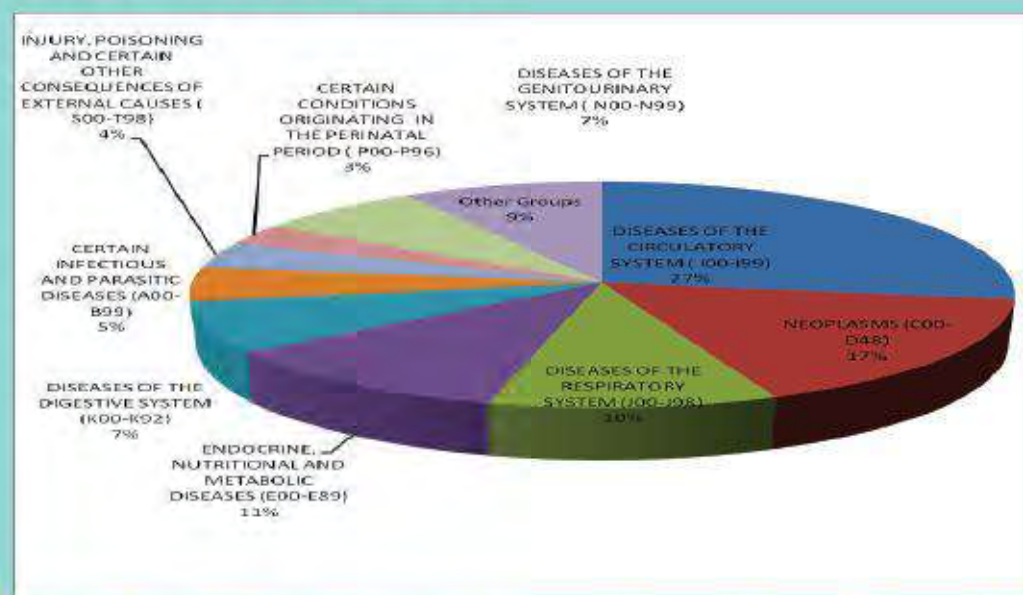
The difference in percentage is significantly high in the age group above 25 years (males-61.99%, females-38.01%) and it is maximum in the age group '55-64'(males-67.04%, females-32.96%).



Medically Certified Deaths by Sex and leading cause-groups during 2017

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		Number	%	Number	%	Number	%
1	Diseases of the circulatory system (I00-I99)	4667	25.90	3343	29.69	8010	27.36
2	NEOPLASMS (C00-D48)	2961	16.43	1853	16.46	4814	16.44
3	Endocrine, Nutritional and Metabolic Diseases (E00-E89)	1730	9.60	1491	13.24	3221	11.00
4	Diseases of the respiratory system (J00-J98)	1982	11.00	1008	8.95	2990	10.21
5	Diseases of the Genitourinary System (N00-N99)	1365	7.57	802	7.12	2167	7.40
6	Diseases of the digestive system (K00-K92)	1639	9.09	500	4.44	2139	7.31
7	Certain Infectious and Parasitic Diseases (A00-B99)	925	5.13	501	4.45	1426	4.87
8	Injury, Poisoning and Certain Other Consequences of External Causes (S00-T98)	787	4.37	327	2.90	1114	3.80
9	Certain conditions originating in the perinatal period (P00-P96)	484	2.69	369	3.28	853	2.91
10	Other Groups	1481	8.22	1065	9.46	2546	8.70
		18021	100	11259	100	29280	100

Percentage of deaths under MCCD by leading cause group

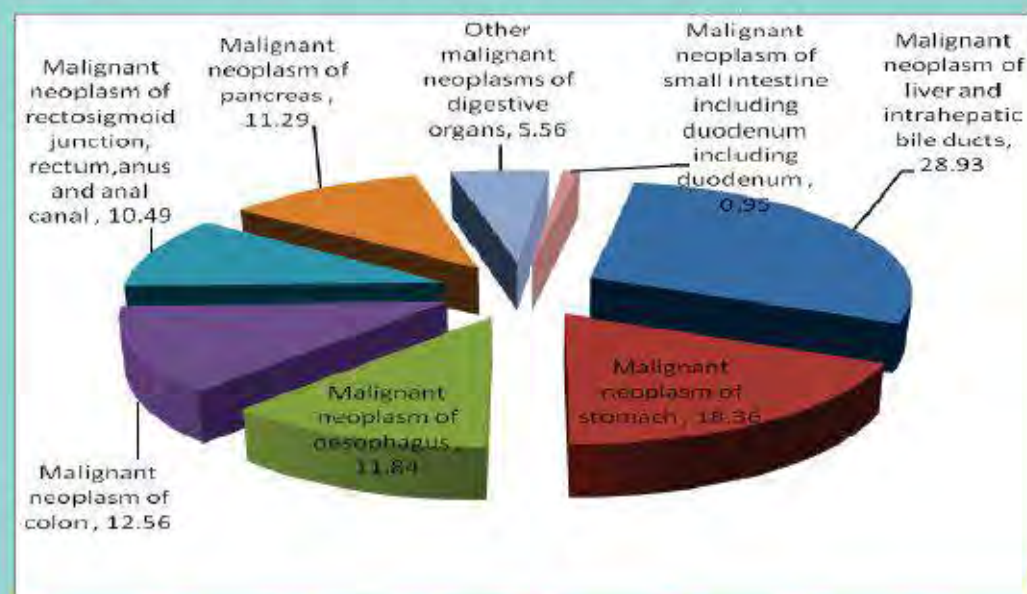


Neoplasms/Cancer (II), (C00-D48):

Distribution of major causes of deaths among 'Neoplasms'

Sl. No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasms of digestive organs (C15-C26)	887	29.96	371	20.02	1258	26.13
2	Malignant neoplasms of lymphoid, haematopoietic and related tissue (C81-C96)	517	17.46	352	19.00	869	18.05
3	Malignant neoplasms of respiratory and intrathoracic organs (C30-C39)	735	24.82	163	8.80	898	18.65
4	Malignant neoplasms of genitourinary organs (C51-C68)	222	7.50	240	12.95	462	9.60
5	Malignant neoplasms of bone, mesothelial and soft tissue, skin and breast (C40-C50)	47	1.59	399	21.53	446	9.26
6	Malignant neoplasms of other and unspecified sites (C73-C80 & C97)	179	6.05	159	8.58	338	7.02
7	Malignant neoplasms of lip, oral cavity and pharynx (C00-C14)	259	8.75	65	3.51	324	6.73
8	Other Groups	115	3.88	104	5.61	219	4.55
	Total Medically Certified Deaths due to Neoplasm	2961	100	1853	100	4814	100
	Deaths due to Neoplasm as percentage to total medically certified deaths	2961	16.43	1853	16.46	4814	16.44

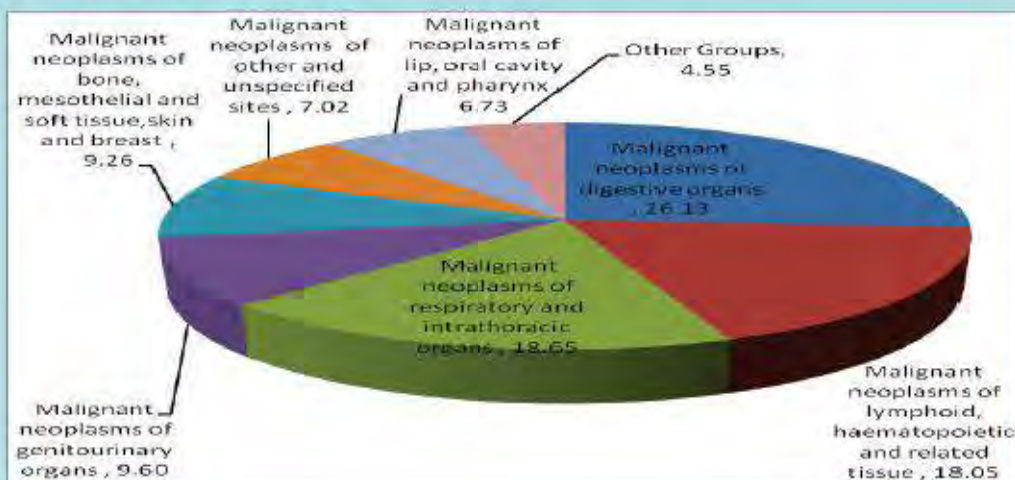
Percentage distribution of major causes of deaths due to 'Neoplasms'



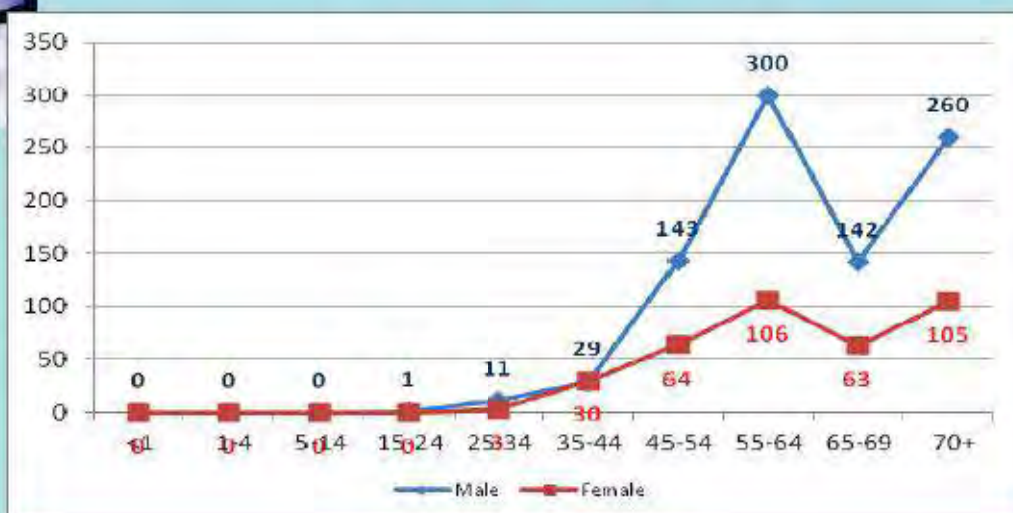
Distribution of major causes of deaths among 'Malignant Neoplasms of Digestive Organs'

Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasm of liver and intrahepatic bile ducts	309	34.84	55	14.82	364	28.93
2	Malignant neoplasm of stomach	158	17.81	73	19.68	231	18.36
3	Malignant neoplasm of colon	92	10.37	66	17.79	158	12.56
4	Malignant neoplasm of oesophagus	112	12.63	37	9.97	149	11.84
5	Malignant neoplasm of pancreas	86	9.70	56	15.09	142	11.29
6	Malignant neoplasm of rectosigmoid junction, rectum,anus and anal canal	76	8.57	56	15.09	132	10.49
7	Other malignant neoplasms of digestive organs	47	5.30	23	6.20	70	5.56
8	Malignant neoplasm of small intestine including duodenum including duodenum	7	0.79	5	1.35	12	0.95
	Total Medically Certified Deaths due to 'Malignant neoplasms of digestive organs'	887	100	371	100	1258	100
	Deaths due to 'Malignant neoplasms of digestive organs' as percentage to total Neoplasm deaths.		29.96		20.02		26.13

Percentage distribution of major causes of deaths due to 'Malignant Neoplasms of Digestive Organs' under MCCD – 2017



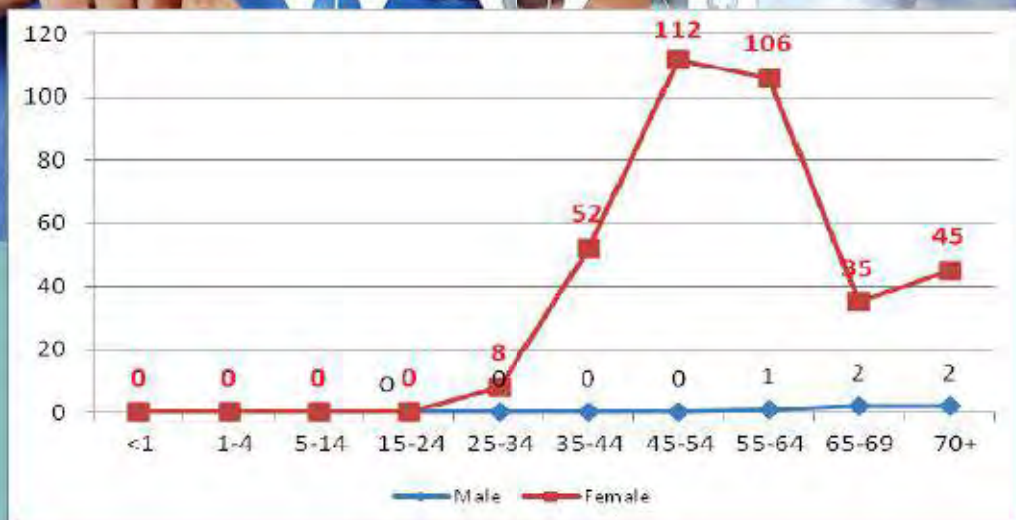
Age distribution of deaths due to 'Malignant Neoplasms of Digestive Organs'



Distribution of major causes of deaths among 'Malignant Neoplasms of Respiratory and Intra Thoracic Organs'

Sl.No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Malignant neoplasm of larynx	59	8.03	6	3.68	65	7.24
2	Malignant neoplasm of trachea, bronchus and lung	669	91.02	156	95.71	825	91.87
3	Other malignant neoplasm of respiratory and intrathoracic organs	7	0.95	1	0.61	8	0.89
	Total Medically Certified Deaths due to Malignant neoplasms of respiratory and intrathoracic organs	735	100	163	100	898	100
	Deaths due to 'Malignant neoplasms of respiratory and intrathoracic organs' as percentage to total Neoplasm deaths.	2961	24.82	1853	8.80	4814	18.65

Age distribution of deaths due to 'Malignant Neoplasm of Breast'

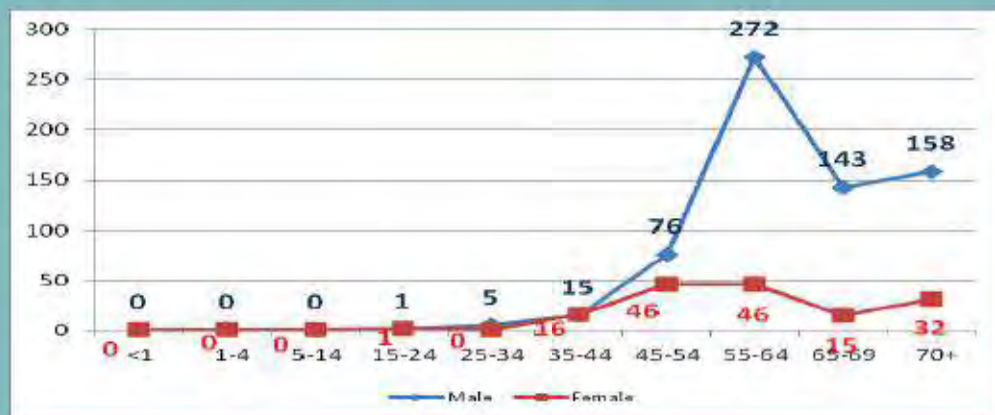


Distribution of major causes of death due to 'Diseases of Digestive System'

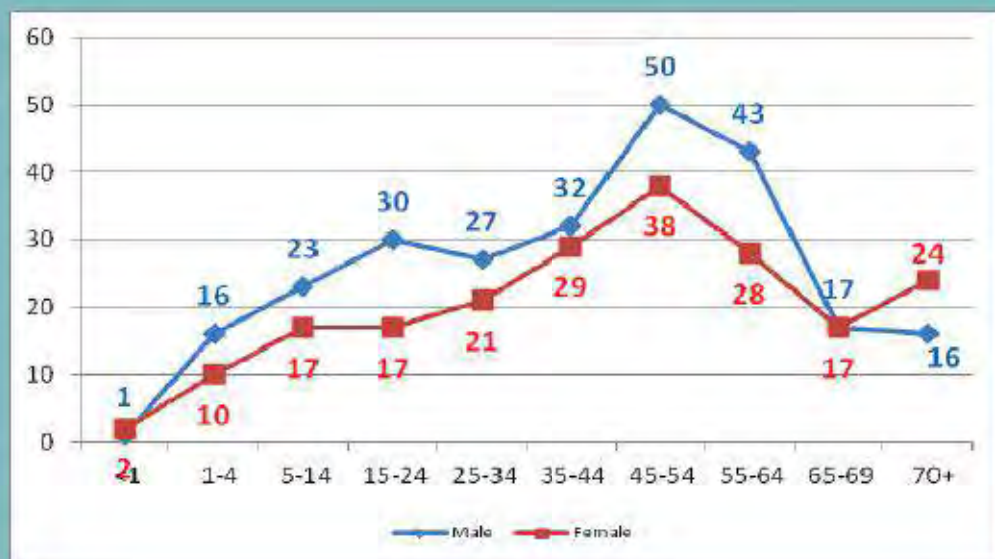
Sl, No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Paralytic ileus and intestinal obstruction without hernia	31	1.89	17	3.40	48	2.24
2	Peritonitis	19	1.16	8	1.60	27	1.26
3	Diseases of the liver	1332	81.27	345	69.00	1677	78.40
4	Disorders of the pancreas'	54	3.29	17	3.40	71	3.32
5	All other diseases of the other parts of digestive system	171	10.43	88	17.60	259	12.11
6	Other Groups	32	1.95	25	5.00	57	2.66
	Total Medically Certified Deaths due to digestive system	1639	100.00	500	100.00	2139	100.00
	Deaths due to digestive system as percentage to total medically certified deaths	1639	9.09	500	4.44	2139	7.31



Age distribution of deaths due to 'Malignant Neoplasm of Lungs'



Age distribution of deaths due to 'Leukaemia'





Age & Sex wise distribution of deaths due to 'Fractures, Other injuries of specified, unspecified and multiple body regions, Intracranial and internal injuries, including nerves'



Distribution of Major Causes of deaths among 'Certain Conditions Originating in the Perinatal Period'

Sl. No	CAUSE OF DEATH	SEX					
		Male		Female		Total	
		No.	%	No.	%	No.	%
1	Slow fetal growth, fetal malnutrition	175	36.16	165	44.72	340	39.86
2	All other conditions originating in the perinatal period	151	31.20	126	34.15	277	32.47
3	Hypoxia, birth asphyxia and other respiratory conditions	143	29.55	70	18.97	213	24.97
4	Haemolytic disease of fetus and new-born	1	0.21	1	0.27	2	0.23
5	Birth trauma	0	0.00	0	0.00	0	0.00
6	Other perinatal jaundice	14	2.89	7	1.90	21	2.46
	Total Medically Certified Deaths due to CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	484	100	369	100	853	100
	Deaths due to CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD as percentage to total medically certified deaths		2.69		3.28		2.91





Prices Division
& Market Intelligence

The importance and utility of the information pertaining to the price movements affect all sectors of the economy. Both the scope and coverage of the price collection has undergone many changes and it is the duty of the Department to collect price data and thereby produce qualitative data on the prices. The problems of identification of prices are many when market price quotations are recorded or reported. It is rather difficult to arrive at concise quotations when there is a variety of price in the market at a given time. A quotation has to be specific with reference to the commodity, the market, the time and services incident to the trading and it has to be significant as representative of the transactions taking place in a market. The Department of Economics & Statistics collects various types of prices. The prices data are generally classified into three, viz., Farm price, Wholesale price, and Retail price. These data are utilized for the computation of economic indicators to get clear picture of the price movements in the economy.

Farm Price

The Department of Economics and Statistics is collecting the Farm Price of major agricultural commodities cultivated by the farmers of the State from 1954 onwards. Farm Prices are usually classified into Farm Wholesale prices and Farm Retail Prices.

The Farm Price of a commodity is defined as the wholesale price, which the farmer gets at the farm gate to a relatively large transaction of selling regularly for further sale. Prices received by farmers for their produce are, in principle, the prices realized by them for that produce at the farm-gate. The concept normally used is that of the price actually or notionally received at the farm-gate. For agricultural products for which actual farm-gate prices are not available, notional farm-gate prices must be estimated by deducting transportation charges, marketing expenses and taxes, etc., paid by the farmer per unit quantity from the appropriate wholesale or retail price.

The retail price of a commodity is defined as the price, which the ultimate consumer pays for relatively small transactions of the commodity. Farm gate sales are most common in the form of either retail outlets on the farm itself or roadside farm stands, or in wholesale market.

The Farm Wholesale Price data are being collected from all Taluks in the State on a fortnightly basis. For this purpose, 60 wholesale commodities are selected which have a marketable surplus. Farm Retail Price of about 45 agricultural commodities are being collected by this department on monthly basis as per the G O (MS) 83/75LBR dt 01/10/75 since January 1976. However, it does not mean that all these crops are cultivated in all the taluks.

State average of Farm Wholesale Price												
Item	Variety	Unit	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
Paddy	Nadan	Qtl	1938.9	1968.8	1947.5	2038	1935	1743.8	1756.3	1781.3	1853.6	1893
Paddy	H/Y	Qtl	2074.4	2113.5	2128.9	2161	2164.3	1973.3	1944.4	1955.6	1621.7	1907
Coconut Nos	Without husk	100	2083.6	2103.2	1974.2	1966	1939.4	1908.8	1869.6	1884.4	1801.8	1703
Coconut Nos	With husk	100	2067.4	2084.6	1946.4	1938	1914.2	1877.1	1848.8	1863.1	1789.8	1686
Areca nut Nos		100	147.07	150.41	161.88	165.4	175.45	210	242.65	246.5	197.33	167
Cashewnut	With husk	Qtl	13800	14086	13662	11732	9537.5	7860	7650	-	-	-
Pepper	Dry	Qtl	39557	38470	36681	35491	34992	33528	31314	33920	35033	35394
Cardamom		Kg	908.57	956.43	942.5	899.6	855.71	862.5	923.21	979.17	1098.3	1114
Ginger		Qtl	3001.9	2951.7	3051.9	3565	4723.3	5525	5766.7	6828.7	6217.3	6440
Ginger Dry		Qtl	9187.5	8618.8	9340.9	9135	9544.4	9368.8	9057.1	8820	10438	10500
Tapioca(Raw)		Qtl	1383.1	1362.7	1365.1	1368	1355.1	1349.6	1417.8	1577.6	1739.6	1793
Banana		Qtl	2817.2	3101.6	3441.4	3812	4374.8	4276.2	4245	4689.2	3832.4	3675

Market Wholesale Prices

The wholesale price is to be taken as the rate at which a relatively large transaction of purchase regularly for further sale is effected. Wholesale prices are generally classified into three: (i) Primary (P) (ii) Secondary (S) and (iii) Terminal (T). The primary wholesale price is the rate at which transactions take place *between* the producer or cultivator and the wholesaler in the market. The secondary wholesale price on the other hand is the rate at which transactions take place between one wholesaler and another in the market. In the terminal market, the final wholesale transactions take place from the wholesaler to the retail merchants or to the exporters. *Daily Market Wholesale price of about 50 items are collected daily from 42 selected centers and weekly wholesale prices are collected from 46 centers. Number of commodities may vary from center to center.*

Retail Prices

The "Retail price" of a commodity is defined as the price, which the ultimate consumer pays for relatively small transactions of the commodity.

Different types of prices collected by This Department

Daily Retail Prices Of Essential Commodities.

Variation in the retail prices of essential commodities have an immediate effect in the income of the individual and consequently on the economy as a whole. *Retail prices of about 50 essential*



items (medium quality) are collected daily from all district head quarters. In addition to this price of 13 items are also collected. In addition to this 20+ 9 selected items prices are also collected.

State Monthly Average Retail Prices of Certain Essential Commodities

Name of Commodity	Unit	Nov-18	Dec-18	avg upto 18/01/19	Name of Commodity	Unit	Nov-18	Dec-18	avg upto 18/01/19
CEREALS					OTHER FOOD ITEMS				
Rice (Red) Open Market					Sugar(O.M)	Kg.	37.57	36.97	36.69
Rice(red)open market Matta	Kg.	38.32	37.46	37.32	Palmgur	Kg.	151.23	152.23	152.56
Rice(red)open market Nadan	Kg.	38.06	37.57	37.74	Canegur	Kg.	54.53	53.88	53.14
Rice (white) open market					Milk (Milma)	Ltr.	40.64	40.64	40.74
Rice(white)open mrkt Andhra Vella	Kg.	35.95	36.19	36.15	Egg Hen's (Nadan)	Dozen	80.76	81.99	81.92
PULSES					Egg Hen's (White lagon)	Dozen	55.92	58.04	58.88
Green gram	Kg	85.68	86.89	87.43	OIL AND OIL SEEDS				
Green gram Dhal	Kg.	90.28	90.07	90.17	Coconut oil(Loose)	Kg	175.89	182.27	199.90
Black gram split w/o husk	Kg	86.58	89.15	89.67	Coconut oil(Kera)	Ltr.	203.87	200.51	204.49
Black gram split with husk	Kg	85.55	87.00	88.25	Coconut oil(KLF Nimal)	Ltr.	210.00	227.50	243.33
Black gram with out husk.	Kg	84.85	88.55	88.62	Groundnut oil(Gold winner)	Ltr.	0.00	0.00	0.00
Redgram	Kg.	68.37	69.43	70.10	Groundnut oil(Dhara)	Ltr.	164.00	164.00	164.00
Dhal(Tur)	Kg	82.88	84.96	85.33	Groundnut oil(Loose)	Ltr.	155.13	155.75	156.08
Bengalgram Bold	Kg	74.52	77.25	77.00	Refined Oil (Gold Winner)	Ltr.	96.98	97.08	97.03
Bengalgram small	Kg	67.33	71.75	72.00	Gingelly oil(Pavithram)	Ltr.	196.32	208.00	215.36
Peas Dhal	Kg.	62.31	64.38	64.69	Gingelly oil(Idayam)	Ltr.	254.90	260.65	276.90
SPICES AND CONDIMENTS					Gingelly oil(Swram)	Ltr.	198.24	207.30	218.12
Coriander	Kg.	86.90	90.54	91.24	Mustard oil(Dhara)	Ltr.	135.75	134.25	134.25
Chillies dry	Kg.	125.36	127.80	128.55	Mustard oil(Fortune)	Ltr.	144.00	139.40	139.07
Onion small	Kg.	53.91	45.77	42.38	Vanaspathi (Dalda)	Ltr.	96.86	97.54	98.02
Tamarind without seeds loose	Kg.	166.50	165.89	164.88	Coconut without husk	10 nos	174.48	193.07	212.30



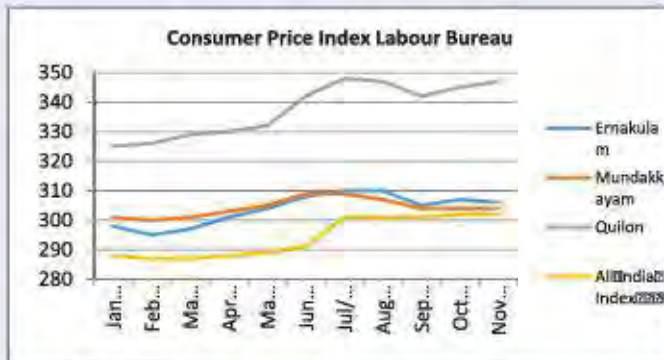
Name of Commodity	Unit	Nov-18	Dec-18	avg upto -18/01/19	Name of Commodity	Unit	Nov-18	Dec-18	avg upto -18/01/19
Cuminseed	100gm	29.46	29.61	29.76	Coconut without Husk	Kg	36.65	39.79	44.79
Mustard	100gm	9.12	9.21	9.17	TUBERS			[P]	
Methy	100gm	9.64	9.52	9.48	Chennai	Kg.	34.25	33.29	33.6
Turmeric(Powder)	100gm	18.47	18.46	18.5	Tapioca Raw	Kg.	26.72	27.06	26.72
Garlic	100gm	6.51	6.29	6.04	Potato	Kg.		29.91	30.36
FRUITS AND VEGETABLES					Colocassia	Kg.	50.68	55.36	58.21
Onion big	Kg.	24.23	18.75	18.62	Beetroot	Kg.	32.42	36.05	36.71
Brinjal	Kg.	33.48	33.68	35.21	Carrot	Kg.	55.95	45.45	42.79
Pumpkin	Kg.	19.14	18.43	18.71	OTHERS				
Cucumber	Kg.	20.95	20.52	20.52	Mutton With bones	Kg.	550.71	553.1	557.14
Ladies Finger	Kg.	31.79	32.98	46.38	Chicken - Broiler (Dressed)	Kg.	162.29	165.39	163.32
Beans English	Kg.	41.37	45.18	49.19	Chicken Broiler (Live)	Kg	104.74	107.38	107.19
Beans Nadan (amarakkalkothavara)	Kg.	32.74	31.13	35.58	Pepper - Nadan	Kg.	462.48	452.77	444.79
BeansNadan(Vallippayar)	Kg.	44.03	42.45	46.29	Pepper - High Yield	Kg.	532	510.33	515.5
BeansNadan(Achingapayar)	Kg.	35.57	34.75	36.95	Tea Kannan Devan(Packet)	500 gm	145.4	145.79	146.57
Cabbage	Kg.	25.87	25.16	27.52	Coffee Brooke Bond Gr. L	500 gm	161.62	161.62	161.62
Bittergourd	Kg.	44.26	42.68	45.36	Firewood split Local	Quintal	486.67	486.67	486.67
Ash gourd	Kg.	21.7	21.13	21.9	Cement ord.paper bag Sanker	Each	396.5	391.19	405.47
Snake gourd	Kg.	31.23	29.98	30.62	Cement ord.paper bag Chettinad	Each	383.1	377.83	387.36
Tomato	Kg.	21.41	25.21	41.05	Cement ord. poly bag Ramco	Each	391.27	385.5	400.75
Chillies green	100gm	4.2	4.69	5.6	Cement ord. poly bag Sanker	Each	391.5	386.19	400.16
Banana green	Kg.	39.65	43.54	44.69	Cement ord. poly bag Chettinad	Each	377.25	372.5	380.11
Plantain green	Kg.	30.15	31.14	31.95	Steel 8 mm.	Kg.	55.94	54.95	55.56

Wholesale and Retail prices of Fruits

Wholesale and Retail prices of Fruits are also collected on a weekly basis

Wholesale & Retail Prices of Salt

Weekly whole sale and retail prices of salt are collected from 3 centres viz., Thiruvananthapuram, Eranakulam and Kozhikode. Moreover monthly details of stock as well as wholesale and retail prices of salt are also collected from District Head Quarters



Weekly prices of Cocoa

Weekly prices of Cocoa are collected from 9 centres viz. Pulimkunnu, Kottayam, Kattappana, Pala, Thodupuzha, Thirissur, Moovattupuzha, Thiruvalla, Kothamangalam .

Index Numbers

Index number is a device to quantify the change in a group of related variables over two different situations. It is a technique of estimating general trends in prices, production and other economic and social variables ie Group of variables may be the prices of a specified set of commodities, the volumes of production in different sectors of an industry, the marks obtained by a student in different subjects and so on. Two different situations may be two different times, two different places etc. Index numbers is an important tool usually used to measure the pulse of the economy. Index numbers play a vital role in Business planning and drafting of executive policies.

Consumer price index numbers

Consumer Price Index (CPI) is designed to measure the changes over time in the level of retail prices of a fixed set of goods and services (Consumption basket) consumed by an average family of a defined population group at a particular place.

CPI numbers are widely used as macroeconomic indicator of inflation, and also as a tool by government and central banks for targeting inflation and monitoring price stability. CPI is also used as deflators in the National Accounts. Therefore, CPI is considered as one of the most important economic indicators.

Consumer price index numbers for industrial workers and agricultural labourers.

The present Consumer Price Index Numbers for Agricultural and Industrial workers coming under the purview of Minimum wage act 1948 in the state of Kerala are being computed on the basis of the Family Budget Survey carried out during 2011_12. The current prices are being collected from 22

Retail prices of dietary articles

The collection of market rate of dietary and other hospital necessities was taken up by this department in 1968. Government as per G.O. (RT) 147/70/Plg. Dated: 19th June 1970 declared the department a permanent agency for collection and compilation of dietary and allied articles on a quarterly basis. These prices are utilised by various medical institutions throughout the state for the settlement of contracts for the supply of dietary and non-dietary articles. *At present, the market rate of about 158 items are being collected from all Taluk headquarters on the Second Thursday and Friday of the last month of every quarter. In the first quarter, an additional of about 106 items are also being collected.*

Retail prices of 18 notified species of forest produce

The market rate of 18 notified species of forest produce plus price of Accasia are being collected monthly from the important timber markets of Kollam, Kottayam, Eranakulam and Kozhikode. The prices prevailing in the neighbouring States of Karnataka, Tamil Nadu, Telangana and Andhra Pradesh for these items are also collected annually.

Retail Prices of Ayurveda raw materials

prices of more than 400 items of Ayurvedic raw materials are being collected by this Directorate once in an year, as and when the request is made by the concerned Ayurveda College. Prices are collected from the selected shops in Thiruvananthapuram and Ernakulam.

Market Rate of Waste Paper

Market rate of *different* items (seven) of waste paper are being collected from district head quarters on a monthly basis. This is mainly intended for fixing rate for the disposal of wastes paper from the Government Offices.

Coir, raw and rotted husk, coconut shells prices

Information on prices of selected varieties of coir at important coir producing centres of the State is being collected by this Department. This Department collects the information on prices of raw and rotted husk. These data are being forwarded to the Coir Board.

Weekly prices of spices

Weekly prices of Nutmeg, Mace, Cinnamon cloves etc are collected from Kottayam Idukki, Wayanad and Thrissur centers

centres across the state to compute CPI for 17 centers. Consumer Price Index (Industrial Workers and Agricultural Labourers)with base 1998-99=100.

Center	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18
Thiruvananthapuram	155	153	151	152	153	155	156	156	153	154
Kollam	149	148	147	148	149	151	153	152	150	152
Punalur	152	151	149	150	151	153	154	153	150	151
Pathanamthitta	160	159	158	160	160	163	165	166	164	165
Alappuzha	155	154	153	155	158	162	165	163	161	161
Kottayam	158	156	156	157	158	160	162	162	161	162
Mundakayam	150	148	147	149	149	153	156	155	153	155
Munnar	152	150	150	151	152	153	157	157	155	156
Emakulam	152	151	151	152	153	154	157	156	155	156
Chalakkuddy	158	156	156	157	159	160	163	164	160	163
Thrissur	154	153	152	154	156	159	162	162	158	161
Palakkad	146	146	145	145	147	148	150	151	151	151
Malappuram	150	149	149	154	157	160	161	156	153	157
Kozhikode	156	156	156	158	159	162	164	162	160	161
Meppady	154	152	152	153	156	158	161	159	157	158
Kannur	160	159	158	160	162	165	167	166	163	163
Kasargod	158	155	156	159	162	165	167	162	158	163

Consumer Price Index (Rural/Urban/Combined) with base 2018 (new)

This new series of CPI will be launched shortly. CPI numbers presently compiled and released at state level reflect the fluctuations in retail prices pertaining to specific segments (industrial workers coming under the pur view of Minimum Wage Act 1948 and agricultural labourers of population) in the state. These indices do not encompass all the segments of the population in the state and as such do not reflect the true picture of the price behavior and effect of price fluctuations of various goods and services consumed by the general population in the country, over a period of time in the state. As per the direction of CSO, the Department of Economics and Statistics has decided to compile new series of CPI for the entire urban population, viz. CPI (Urban), and CPI for the entire rural population, viz. CPI (Rural), which would reflect the changes in the price levels of various goods and services consumed by the urban and rural population. These new indices are compiled at district level.

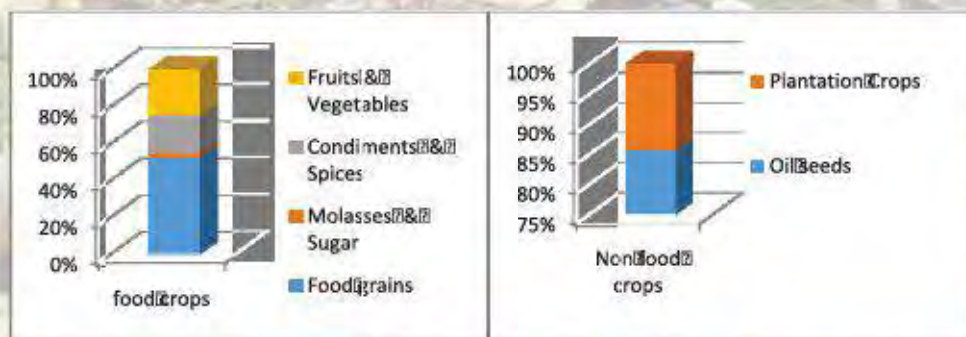
Wholesale Price Index Numbers

The index numbers relate to the wholesale prices of important agricultural commodities produced and transacted in the State with the agricultural year 1952-53 as the base. These indices are computed every month. The centres are selected taking into consideration the relative importance of

the area with regard to production and marketing of agricultural commodities. In the calculation of the index 17 important agricultural commodities are included.

These commodities are grouped into two main classes, viz. (1) Food crops and (2) Non Food Crops. Food crops are further divided into four namely, (i) Food grains – Rice (ii) Sugar (Molasses) (iii) Condiments and spices – Pepper, Ginger, Turmeric, Arecanut, Cardamom. (iv) Fruits and vegetables – Banana, Tapioca, Cashew nut. Non-food crops are subdivided into two, Viz. (i) Oil seeds – Coconut, Ground nut, Sesamum, Lemongrass, Oil. (ii) Plantain Crops- Tea, coffee, Rubber.

Wholesale price Index with base 1952-53=100 – November 2018



Groupwise Wholesale Price Index with base 1952-53=100											
Sub Group/Group	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18
Food grains	8021	7974	7915	7845	7783	7752	7640	7607	7558	7454	7385
Molasses & Sugar	8143	7908	7454	7477	7314	7484	7387	8114	7374	7353	7616
Condiments & Spices	10997	11730	11904	12234	13412	17353	23665	19229	12601	12316	11330
Fruits & Vegetables	13293	15567	15496	14745	12957	11607	12103	13098	13533	13532	13359
Food crops	9401	9867	9831	9715	9560	9960	10998	10446	9384	9271	9045
Oil seeds	12430	12696	11899	11588	11553	11098	10587	10410	10770	10313	10177
Plantation Crops	3994	3959	4010	3978	3936	4105	3969	4085	4169	4042	4001
Non -Food crops	9882	10057	9516	9290	9253	8966	8589	8500	8776	8419	8312
Wholesale Price Index	9577	9937	9716	9560	9448	9604	10119	9735	9162	8960	8778

Parity Index Numbers

Parity index numbers indicate the level of the prosperity of the farmers. It indicates the state of affairs of the farmers receiving value for the products and expending money for cultivation of the crops and for their own living. It is the ratio of the index of prices received by the farmers and the index of prices paid by the farmers, expressed as percentage.

Index Numbers with base 1952-53=100

The index of prices paid by the farmers is the GM of index of domestic expenditure and index of farm cultivation cost. The base year of the Index is 1952_53 (Agriculture Year).

Parity Index with new base (2018=100) will be launched soon



Index	Sep-18	Oct-18	Index	Sep-18	Oct-18
Price received	8744	8536	Domestic expenditure	7088	7153
Price Paid	14281	14347	Farm Cultivation Cost	28773	28774
Parity Index	61	59			

Wage and Wage Index Numbers

The data on daily wages of various categories of agricultural labourers are being collected from 20 villages in the State. These wage statistics are utilised for computing the wage index. The current base year is 1952_53. Wage index with new base (2017_18) will be launched soon.

Publications

Price Statistics

Yearly consolidation of all reports published by this section

Price Bulletin

Price bulletin is prepared and published monthly, the retail prices of main essential commodities are grouped into 8 major groups. Groupwise analysis is made with reference to current month, previous month, and corresponding month of the previous year with suitable pictorial representations

Kerala Pothuvipani Avalokanam

It is a Malayalam publication prepared monthly by analysing retail price of essential commodities. Market situation and group wise price analysis are incorporated in this report. Pictorial representation also included along with tables. Comparison among current month, previous month and previous year are also available.



State Monthly Average Market Wholesale Price

Item	18-Dec	Item	18-Dec
Coconut Oil (Nadan) - Quintal	16726.31	Lemon Grass Oil Local - Quintal	150375
Coconut Oil (Kochi Ready) - Quintal	14825	Coriander - Quintal	7966.67
Coconut Oil (Pandy) - Quintal	16606.25	Cuminseed - Quintal	21766.67
Coconut Oil (Clean) - Quintal	14400	Ginger (Fresh) - Quintal	6083.33
Copra Sundried - Quintal	10161.32	Ginger (Fresh New) - Quintal	5556.25
Copra Smoked - Quintal	10102.87	Ginger (Fresh Old) - Quintal	5450
Copra (Eduthapadi) - Quintal	10712.5	Sugar - Quintal	3436.44
Copra (Milling) - Quintal	10245.83	Tea - Quintal	21000
Copra Ball - Quintal	15925	Tea Medium - Quintal	13850
Coconut Oil Cake (Expeller) - Quintal	2450.38	Tea Special - Quintal	18100
Coconut Oil Cake (Rotery) - Quintal	2679.17	Chilly - Quintal	10400
Coconut Oil Cake (Deoiled) - Quintal	2578	Chilly Gundur - Quintal	10900
Coconut Oil Cake (Mill Stew) - Quintal	2350	Red Piriyan Chilly (Karnataka) - Quintal	14650
Coconut With Husk (W H) - 1000 Nos	17111.25	Nutmeg With Husk - Quintal	24375
Coconut Without Husk (W O H) - 1000 Nos	17897.5	Nutmeg With out Husk - Quintal	47500
Coconut Without Husk (W O H) - Quintal	3365	Onion (Small) - Quintal	3864.25
Coir (Alappuzha-Anchuthengu) - Quintal	8850	Onion Small 1st Quality - Quintal	3700
Coir (Alappuzha-Arattupuzha) - Quintal	6400	Onion Small IInd Quality - Quintal	3150
Coir (SplParur Thin) - Quintal	5037.5	Onion Big - Quintal	1498.21
Coir (Kozhikode-Bepoor) - Quintal	5400	Onion Big (Kuna) 1st Quality - Quintal	1200

State Monthly Average Market Wholesale Price

Item	18-Dec	Item	18-Dec
Coir (Kozhikode - Koyilandi) - Quintal	8200	Onion Big (Kuna) 2nd Quality - Quintal	1050
Pepper (Nadan) - Quintal	33562.5	Potato (Banglore) - Quintal	2403.66
Pepper Garbled - Quintal	38700	Potato (Ooty) - Quintal	2568.75
Pepper (Ungarbled) - Quintal	34347.08	Potato (Mettupalayam) - Quintal	2562.5
Pepper (Wayanadan) - Quintal	35125	Potato (Kolar) - Quintal	2725
Pepper (Chettan) - Quintal	34625	Bengal Gram (Black) - Quintal	6368.75
Rubber RSS 4 - Quintal	12139.84	Bengal Gram Bold - Quintal	7091.67
Rubber RSS 5 - Quintal	11579.69	Bengal Gram (White) - Quintal	7591.67
Rubber Lot - Quintal	10658.33	Gram Dal (Bengal Gram) - Quintal	6900
Cardamon (White) - Kg	600	Tur Dhal - Quintal	7200
Cardamom Mysoor - Kg	1275	Toor Dhal (FATKA) - Quintal	7108.33
Cardamom Green - Kg	1243.75	Redgram Split (Toor Dhal) - Quintal	6037.5
Cardamom AGL - Kg	1400	Peas Dhal - Quintal	5775
Tapioca Raw - Quintal	1945.59	Peas Dhal Split - Quintal	5778.33
Tapioca Dry (Boiled) - Quintal	4900	Green Gram - Quintal	7275
Tapioca Dry (Without Husk) - Quintal	1620	Lobia - Quintal	5516.67
Turmeric - Quintal	9381.25	Black Gram (Urd) Split W O H - Quintal	8000
Turmeric Nadan - Quintal	12000	Black Gram With Husk (Split) - Quintal	7000
Cashew Kernel - Kg	820	Black Gram (Urd) Bold W O H - Quintal	7800
Cashew Kernel - Quintal	72955	Blackgram Washed (Whole) - Quintal	7775
Egg (Hen) - 100 Nos	442.5	Blackgram Split - Quintal	6000
Egg (Hen) White Lagoon - 100 Nos	454.84	BG Dhal Washed (Urd Dhal) - Quintal	7450

State Monthly Average Market Wholesale Price

Item	18-Dec	Item	18-Dec
Egg (Duck) - 100 Nos	697.5	Green Peas - Quintal	7441.67
Banana Nadan (Local) - Quintal	4060.83	Kabuli Kadala (Small) - Quintal	6000
Banana Pandy (Varavu) - Quintal	3892.93	Kabuli Kadala (Premium) - Quintal	7566.67
Banana (Wayanadan) - Quintal	3125	Rice Andhra - Quintal	3231.25
Pineapple (Vazhakkulam) - Quintal	3043.75	Rice A P 1 - Quintal	2800
Pineapple (Nadan) - Quintal	2743.75	Rice A S T - Quintal	3200
Pineapple (Pandy) - Quintal	2950	Rice Bodhana - Quintal	2745
Arecanut Dry - Quintal	23000	Rice Chamba - Quintal	3680
Arecanut Dry 1st Quality - Quintal	20300	Rice Cherumani - Quintal	3108.33
Arecanut Dry 2nd Quality - Quintal	16800	Rice C O - Quintal	2838.13
Arecanut Dry New - Quintal	21203.57	Rice Common - Quintal	3100
Arecanut Dry Old - Quintal	24591.67	Rice Fine - Quintal	3600
Ginger (Dry) - Quintal	16200	Rice Jaya - Quintal	3179.55
Ginger (Dry) Unbleached - Quintal	20500	Rice Kuruva - Quintal	3115.83
Ginger Dry New - Quintal	17500	Rice Matta - Quintal	3438.75
Lemon Grass Oil - Quintal	150000	Rice Matta 999 - Quintal	3443.75
Rice Mini Bodhana - Quintal	2800		
Rice Nadan - Quintal	3400		
Rice Palakkadan Matta - Quintal	3237.5		
Rice Ponmani - Quintal	3200		
Rice Ponni - Quintal	2900		
Rice Rose - Quintal	3383.5	Wheat - Quintal	3016.67
Rice Surekha - Quintal	3525	Wheat (Gujarath) - Quintal	2850



Annual Survey of Industries

Industrial sector plays a pivotal role in the progress of State's economic status. ASI survey is being conducted every year to measure and assess the growth of Kerala's industrial sector. The guidelines for conducting the survey are provided by the Central Statistical Office (CSO), IS Wing, Kolkata. Multifarious information like assets, liabilities, employment and labour cost, receipts, expenses, input items : indigenous and imported, products and by-products etc. regarding industrial units involved in the manufacturing process and repair services of the organized manufacturing sector are collected through ASI survey. This information is a benchmark for assessing the status of economic growth and thus helps planners and policy makers in framing new industrial policies.

ASI Survey is being conducted annually under the statutory provisions of Collection of Statistics Act 2008 (COS Act 2008). The data is collected using the ASI schedules prepared for the purpose. The Schedule consists of Part I which aims to collect data on assets and liabilities, production, employment details etc of the industrial units

Source of Data

The survey covers all factories registered under Section 2m(i), 2m(ii) of the Factories Act 1948 where the manufacturing process is defined under Section 2(k) of the said act, units registered under Bidi and Cigar workers (conditions of employment Act 1966). All electricity undertakings engaged in generation, transmission and distribution of electricity, not registered with Central Electricity Authority (CEA) are also covered under ASI. Apart from the above units with 100 or more employees, not registered under Section 2m (i), 2m (ii) of the Factories Act 1948 but registered under any of seven Acts/Board/Authority viz., Companies Act. 1956, Factories Act.1948, Shops and Commercial Establishment Act, Societies Registration Act, Cooperative Societies Act, Khadi and Village Industries Board, Directorate of

Industries (District Industries Centre) in the Business Register of Establishments (BRE) as available with National Accounts Division and verified by Field Operations Division (FOD), are considered for selection. The selection of sample units and guidelines for the survey are provided by the Central Statistical Office (CSO). The actual survey period is from the month of October to May in the subsequent year following the reference period. The reference period for ASI survey is the financial year. The data collection of the Central sample is done by NSSO (FOD).

Methodology

From ASI 2015-16, a new sampling design is adopted following the recommendations of the Sub Group of the Standing Committee on Industrial Statistics (SCIS) under the Chairmanship of Dr. G C Manna and approved by the SCIS and National Statistical Commission (NSC) subsequently. According to the new sampling design, all the units in the updated frame are divided into two parts- Central Sample and State sample. The Central Sample consists of two schemes: Census and Sample. Under Census Scheme, all the units are surveyed subject to certain conditions. After excluding the Census Scheme units the remaining units in the frame are considered under Sample Scheme.

For all the states, each stratum is formed on the basis of State x District x Sector x 3 digit NIC-2008. The units are arranged in descending order of their total number of employees. Samples are drawn using Circular Systematic Sampling technique for this scheme. An even number of units with a minimum of 4 units are selected and distributed in four sub-samples. Out of these 4 sub-samples, two are pre-assigned sub-samples (1 & 3) are given to NSSO (FOD) and the other two sub-samples (2 & 4) are given to concerned State/UT for data collection. All the census units plus all the units belonging to sub-samples given to State/UT are treated as the State Sample.

CENTRAL SAMPLE



STATE SAMPLE



The State sample and Central sample are pooled to prepare the State wise and district wise estimates.

Notices may be issued by the Statistics Officer to factories concerned and the field staff authorized by Statistics Officer may collect and/or verify information from the authorised persons in the factories. The powers and duties of officials engaged in ASI are as given under the COS Act, 2008. These include power to enter premises, obtain copies of relevant documents. They have to maintain secrecy and confidentiality as per the provisions of the Act.

Analysis and publication of Report

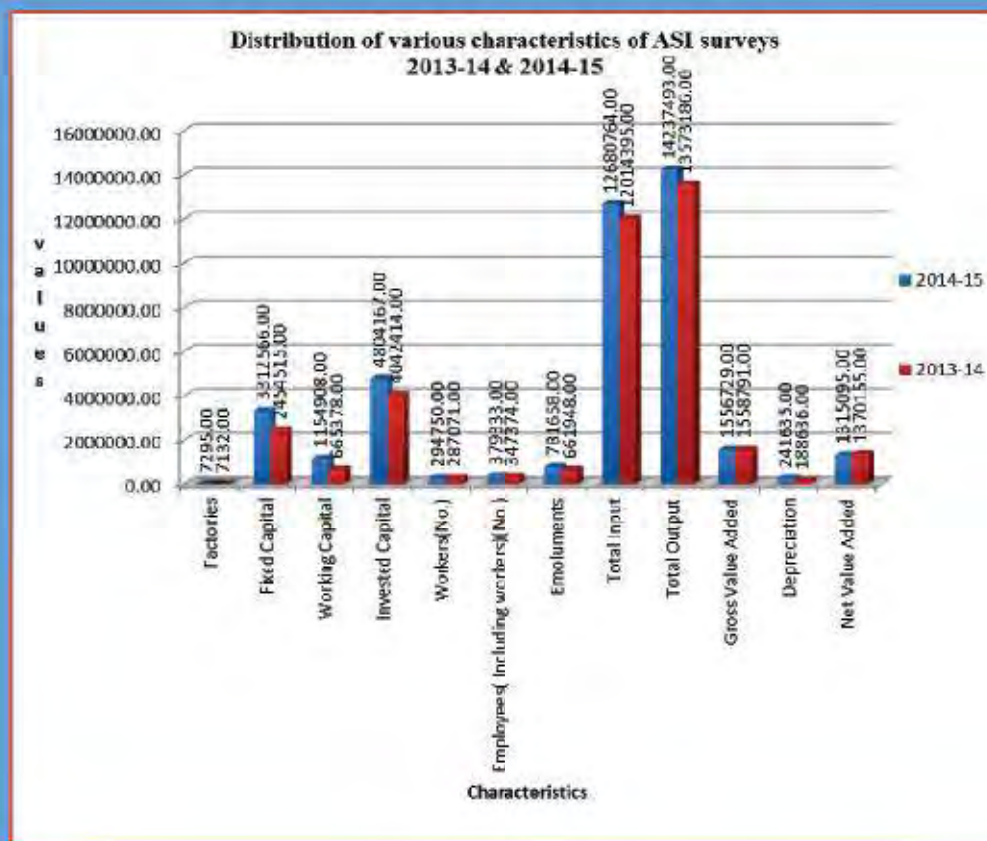
Field work and data entry works are done at the corresponding District offices and the soft copies and schedules are send to the Directorate for validation and further processing. Analysis is done on the ASI data to estimate significant information like Number of units (as per National Industrial Classification NIC 2008), Fixed Capital, Working Capital, Capital formation, Income, Profit, and Gross Value Added (GVA) at current prices and thereafter the report is published.

State wide and District wise data (classified under National Industrial Classification 2008) of ASI provides following information

Comparative Statement Of Important Characteristics

All Industries		Values in ` lakhs unless otherwise mentioned		
Sl. No.	Characteristics	2014-15	2013-14	Percentage growth rate over 2013-14
1	Factories	7295	7132	2.29
2	Fixed Capital	3,312,566	24,54,515	34.96
3	Working Capital	11,54,908	6,65,378	73.57
4	Invested Capital	48,04,167	40,42,414	18.84
5	Workers(No.)	2,94,750	2,87,071	2.67
6	Employees (Including workers)(No.)	3,79,333	3,47,374	9.20
7	Emoluments	7,81,658	6,61,948	18.08
8	Total Input	126,80,764	1,20,14,395	5.55
9	Total Output	142,37,493	135,73,186	4.89
10	Gross Value Added	15,56,729	15,58,791	-0.13
11	Depreciation	2,41,635	1,88,636	28.09
12	Net Value Added	13,15,095	13,70,155	-4.02

During 2014-15, an increase in the number of factories has been observed to the extent of 2.29 %. Fixed capital and Invested capital have positive growth of 34.96 % and 18.84 % respectively as compared to previous year. Working Capital for 2013-14 was at Rs. 6, 65,378 Lakhs and for 2014-15 it is Rs. 11, 54,908 Lakhs which shows positive growth of 73.57%. In case of GVA, shows a negative growth of 0.13% as compared to 2013-14.



Index of Industrial Production

It measures the changes in the industrial production

It measures the general level of industrial performance in the economy

It is used as a short term macro-economic indicator of industrial growth.

IIP is compiled for 3 major sectors

- a. Mining and Quarrying
- b. Registered Manufacturing
- c. Electricity

IIP is considered to be one of the lead indicators for short-term economic analysis because of its strong relationship with economic fluctuations in the rest of economy.

IIP is, therefore, also used as core ingredient in the compilation of annual and quarterly national accounts and forecasts of GDP.

Selection of Units

CSO provided the list of units which includes 188 units in the main list and 411 units in the reserved list. There are 134 items included in this list

By the direction of CSO the base year for IIP is shifted to 2011-12 and weighing diagram and item basket are fixed.

Total Weight of IIP is 1000

Manufacturing – 614.34

Mining & Quarrying – 138.97

Electricity – 246.69

National consultation meeting on state IIP held on December 2016. At that time Kerala already shifted the base year to 2011-12.

Based on the unit list provided by CSO we have done in the field verification and after the field verification we have finally selected 190 units.

All the discrepancies obtained from field verification were clarified from CSO IS Wing

Closed units were replaced from the reserved list by suitably incorporating the weights assigned to the units as per the guidance of CSO

The index published by quarterly in each year.

Collection of Data

For manufacturing sector, a total of 190 registered manufacturing units were selected for data collection and the department collects monthly production data directly from these units through District Statistical Offices.

For mining sector, the regular production data for compilation of index is supplied by Indian Bureau of Mines

For electricity sector the necessary data is obtained from the website of Central Electricity Authority

Uses of IIP

Current Status

Prepared the State IIP from 2015-16 in new series (2011-12 base year)

And published 2009-10 to 2014-15 Annual Index report

Currently second Quarterly Index (2018-19) Prepared and preparation of third Quarterly Index work is in progress.

IIP New Series Index Base year (2011-12)

Year	Quarter	Received Data from Selected Unit	Index			
			Manufacturing Sector	Mining	Electricity	General
2015-16	1	190	91.8	100.2	80.3	90.1
	2	190	98.2	71.3	87.5	91.8
	3	190	86.2	91.9	54.9	79.3
	4	190	91.0	89.2	59.6	83.0
2016-17	1	190	104.0	93.4	55.0	90.4
	2	190	122.4	110.2	50.5	103.0
	3	190	118.5	71.9	34.1	91.2
	4	190	113.4	115.7	36.0	94.6
2017-18	1	190	93.5	77.5	52.0	81.0
	2	190	108.46	91.53	58.84	93.87
	3	190	152.68	91.38	54.37	119.91



Building Statistics 2015-16

Number of newly constructed and completed buildings during 2015-16

The number of Buildings newly Constructed during 2015-16 is 364187 in the state. Out of these 283585 (77.87%) are Residential and 80602 (22.13%) are Non residential buildings. Out of the total 364187 newly constructed buildings, 287287 are in rural sector and 76900 are in urban sector.

Number of Buildings newly constructed and completed



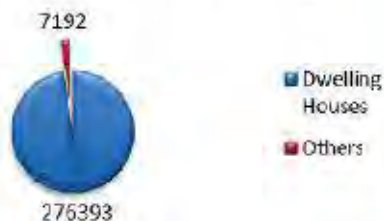
Number of Buildings newly constructed and completed



Residential Buildings

There are 283585 residential buildings constructed during the year 2015-16. Among these 276393(97.46%) are dwelling houses and the rest 7192(2.54%) come under other residential buildings. Out of the total number of residential buildings 226538 are in rural sector and 57047 are in urban sector.

Residential Buildings



Residential Buildings



Non-Residential Buildings

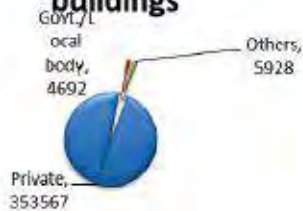
There are 80602 non-residential buildings constructed during the year 2015-16. Among these 3244(97.46%) are industrial buildings, 64517(2%) are commercial buildings, 3129(4%) are institutional buildings and 9712(34%) are other non-residential buildings. Out of the total number of non-residential buildings 60749 are in rural sector and 19853 are in urban sector.



Ownership of the Buildings

Ownership of the Buildings during 2015-16 is classified as Private, Government/Local bodies and others. There are 353567 buildings belongs to the private sector, 4692 are belongs to Government/Local bodies and 5928 are others. In rural sector there are 279861 private buildings, 3616 Govt/Local body buildings and 3810 other buildings. And in urban sector there are 73706 private buildings, 1076 Govt/Local body buildings and 2118 other buildings. Private ownership building is again classified as Male owned & Female owned building. It is seen that 257813 buildings are owned by Male and 95754 by female.

Ownership of buildings



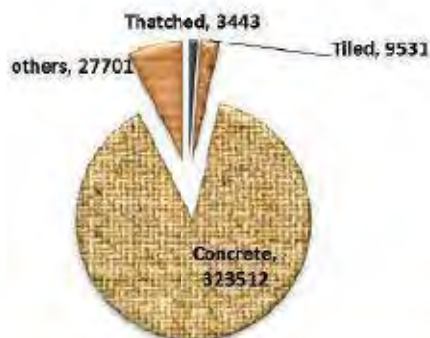
Ownership of Private buildings



Type of roofing

As the type of roofing of newly constructed buildings during 2015-16 is concerned, it is seen that the materials used in house construction have been undergoing rapid changes. Traditional materials are replaced by modern materials. There are 323512 (88.83%) buildings constructed during 2015-16 are found concrete (22.55% in urban sector & 77.45% in rural sector). 3443 (0.95%) buildings are thatched, 9531 (2.62%) are tiled and 27701 (7.61%) are constructed with other roofing materials.

Type of Roofing



District wise Analysis:

Number of buildings newly constructed and completed

From the district wise details, it is found that Malappuram district occupies the first place in the construction of new residential buildings and least number of buildings construction was done at Idukki. Malappuram district occupies the first place in the construction of residential and non residential buildings. The least number of residential and Non Residential Buildings were constructed at Idukki District.

Number of Residential and Non-residential buildings newly constructed and completed

Name of District	No of residential buildings			No of non residential buildings			Total number of buildings		
	Rural	Urban	Combined	Rural	Urban	Combined	Rural	Urban	Combined
Thiruvanthapuram	19858	10432	30290	3673	1928	5601	23531	12360	35891
Kollam	18666	4075	22741	3349	942	4291	22015	5017	27032
Pathanamthitta	6927	1684	8611	1570	827	2397	8497	2511	11008
Alappuzha	14657	2267	16924	3480	662	4142	18137	2929	21066
Kottayam	11005	2081	13086	3468	962	4430	14473	3043	17516
Idukki	5158	608	5766	1731	177	1908	6889	785	7674
Ernakulam	20079	8726	28805	6322	3104	9426	26401	11830	38231
Thrissur	20527	6050	26577	5167	2133	7320	25714	8183	33897
Palakkad	21771	2609	24380	5985	1332	7317	27756	3941	31697
Malappuram	34154	5713	39867	10524	2404	12928	44678	8117	52795
Kozhikkode	18625	6342	24967	6512	2860	9372	25137	9202	34339
Wayanad	6025	480	6505	2038	467	2505	8063	947	9010
Kannur	18373	4722	23095	4369	1492	5861	22742	6214	28956
Kasaragod	10713	1256	11971	2541	563	3104	13254	1821	15075
TOTAL	226538	57047	283585	60749	19853	80602	287287	76900	364187

Ownership of the Buildings:

In the case of ownership, most of the buildings constructed are found in private sector. The highest number of Private buildings constructed during 2015-16 was at Malappuram District. Out of 353567 Private buildings constructed during 2015-16 in the state, 51769 buildings was constructed at Malappuram. The least number of Private buildings were constructed at Idukki and it is found to be only 7300 in number.

The highest number of Government buildings constructed during 2015-16 was at Palakkad District. Out of 4692 Government buildings constructed during 2015-16 in the state, 636 buildings was constructed at Palakkad. The least number of Government buildings were constructed at Pathanamthitta which is 121 in number.

In rural sector, Malappuram (43833) is highest and Idukki (6528) is the lowest, in the number of Private buildings. Palakkad (576) is highest and Kollam (102) is the lowest, in the number of Government buildings.

In urban sector, Thiruvananthapuram(12127) is the highest and Idukki(772) is the lowest, in number of Private buildings. Thrissur(197) is highest and Idukki(6) is the lowest, in number of Government buildings.

Number of buildings constructed during 2015-16 - classified by ownership

Name of District	Rural			Urban			Combined		
	Private	Govt./ Local Bodies	Others	Private	Govt./ Local Bodies	Others	Private	Govt./ Local Bodies	Others
Thiruvanthapuram	23198	170	163	12127	186	47	35325	356	210
Kollam	21846	102	67	4945	37	35	26791	139	102
Pathanamthitta	8271	110	116	2464	11	36	10735	121	152
Alappuzha	17799	167	171	2718	39	172	20517	206	343
Kottayam	13912	218	343	2953	24	66	16865	242	409
Idukki	6528	168	193	772	6	7	7300	174	200
Ernakulam	25579	226	596	10626	112	1092	36205	338	1688
Thrissur	24989	393	332	7857	197	129	32846	590	461
Palakkad	26838	576	342	3657	60	224	30495	636	566
Malappuram	43833	388	457	7936	119	62	51769	507	519
Kozhikkode	24533	276	328	9011	115	76	33544	391	404
Wayanad	7790	150	123	927	13	7	8717	163	130
Kannur	21999	398	345	5974	116	124	27973	514	469
Kasaragod	12746	274	234	1739	41	41	14485	315	275
TOTAL	279861	3616	3810	73706	1076	2118	353567	4692	5928

Private Buildings according to Genderwise Ownership:

In the case of private buildings, Malappuram district (41439) is highest and Idukki (5193) is lowest in the number of buildings owned by male. Thiruvananthapuram district (12589) is highest and Idukki (2107) is lowest in the number of buildings owned by female.

In rural sector, Malappuram district (41439) is highest and Idukki (5193) is lowest in the number of buildings owned by male. Thiruvananthapuram district (8749) is highest and Pathanamthitta (1800) is lowest in the number of buildings owned by female.

In urban sector, Ernakulam district (8353) is highest and Idukki (581) is lowest in the number of buildings owned by male. Thiruvananthapuram district (3840) is highest and Wayanad (171) is lowest in the number of buildings owned by female.

Number of Private ownership classified by Gender							
Name of District	Rural		Urban		Combined		Total
	Male	Female	Male	Female	Male	Female	
Thiruvananthapuram	14449	8749	8287	3840	22736	12589	35325
Koillam	14703	7143	3637	1308	18340	8451	26791
Pathanamthitta	6471	1800	1895	569	8366	2369	10735
Alappuzha	12824	4975	2011	707	14835	5682	20517
Kottayam	10857	3055	2353	600	13210	3655	16865
Idukki	4612	1916	581	191	5193	2107	7300
Ernakulam	20411	5168	8353	2273	28764	7441	36205
Thriessur	17351	7638	5904	1953	23255	9591	32846
Palakkad	19565	7273	2813	844	22378	8117	30495
Malappuram	35190	8643	6249	1687	41439	10330	51769
Kozhikkode	17677	6856	6302	2708	23979	9565	33544
Wayanad	5489	2301	756	171	6245	2472	8717
Kannur	14779	7220	3958	2016	18737	9236	27973
Kasaragod	9218	3528	1118	621	10336	4149	14485
TOTAL	203596	76265	54217	19489	257813	95754	353567

Type of roof:

In the case of roofing materials, tiled and thatched buildings are found to be vanishing and significant growth is found in concrete roofing. Districtwise details are given below.

Malappuram district (49841) is highest and Idukki (5618) is lowest in the number of buildings with concrete roof. Palakkad district (1998) is highest and Pathanamthitta (203) is lowest in the number of buildings with tiled roof. Palakkad district (990) is highest and Kasaragod (45) is lowest in the number of buildings with thatched roof. Palakkad district (3012) is highest and Kasaragod (874) is lowest in the number of buildings constructed with other roofing materials.

In rural sector, Malappuram district (42061) is highest and Idukki (4936) is lowest in the number of buildings with concrete roof. Palakkad district (1738) is highest and Pathanamthitta (190) is lowest in the number of buildings with tiled roof. Palakkad district (982) is highest and Alappuzha (16) is



lowest in the number of buildings with thatched roof. Alappuzha district (4438) is highest and Kasaragod (815) is lowest in the number of buildings constructed with other roofing materials.

In urban sector, Thiruvananthapuram district (11947) is highest and Idukki (682) is lowest in the number of buildings with concrete roof. Palakkad district (260) is highest in the number of buildings with tiled roof. Malappuram district (90) is highest in the number of buildings with thatched roof. Palakkad district (917) is highest and Wayanad (12) is lowest in the number of buildings constructed with other roofing materials.

Name of District	Type of roof of Buildings											
	Rural				Urban				Combined			
	Thatched	Tiled	Concrete	Others	Thatched	Tiled	Concrete	Others	Thatched	Tiled	Concrete	Others
Thiruvanthapura	165	405	20896	2065	4	70	11947	339	169	475	32843	2404
Kollam	119	839	18842	2215	19	72	4670	256	138	911	23512	2471
Pathanamthitta	55	180	7164	1088	0	13	2396	102	55	203	9560	1190
Alappuzha	16	1351	12332	4438	0	174	2487	268	16	152	14819	4708
Kottayam	75	394	11753	2251	0	43	2719	281	75	437	14472	2532
Idukki	292	222	4936	1439	0	0	682	103	292	222	5618	1542
Ernakulam	460	438	23627	1876	4	110	11467	249	464	548	35094	2125
Thrissur	314	475	23637	1288	17	63	7879	224	331	538	31516	1512
Palakkad	982	1738	20514	2095	8	260	2756	917	990	199	23270	3012
Malappuram	218	586	42061	1813	90	105	7780	142	308	691	49841	1955
Kozhikkode	313	462	23439	923	16	118	8925	143	329	580	32364	1066
Wayanad	146	376	6457	1084	0	0	935	12	146	376	7392	1096
Kannur	85	452	21122	1083	0	54	6027	133	85	506	27149	1216
Kasaragod	45	496	11898	815	0	25	1737	59	45	521	13635	874
TOTAL	3285	8424	246678	24473	158	1107	72407	3228	3443	9551	321085	27791



Economic Census 2013



Economic Census is a periodic count of all the economic entities (i.e., units engaged in production and / or distribution of goods and services not for the sole purpose of consumption) functioning within the geographical boundaries of the country. It is conducted on an all India basis covering all the States and Union Territories.

In order to achieve the balanced growth of agricultural and non-agricultural sectors, sound and reliable statistical data is a prerequisite to formulate policies and programmes for the overall economic development of the nation.

The Central Statistics Office in the Ministry of Statistics and Programme Implementation conducted Sixth Economic Census during January 2013 to April 2014 in collaboration with Directorates of Economics & Statistics in all the States and Union Territories. As per the Gazette of India No.2495 Part II Section 3 Subsection II dated 20/12/2012, Sixth Economic Census is notified, in exercise of the powers conferred by Sections 3 & 4 of the Collection of Statistics Act 2008 (No.7 of 2009 read with rules 5 & 7) and the Collection of Statistics Rules 2011.

Economic Census provides detailed information on operational and economic variables, activity wise, of the establishments of the country including the distribution at all India, State, District, and Village / Ward levels for comprehensive analysis of the structure of the economy (micro, macro, and regional levels) and for benchmark purposes. The database also serves as a sampling frame for drawing samples for socio economic surveys being conducted by Government and research organizations.

The Sixth Economic Census was intended to provide up-to-date information on number of establishments and number of persons employed therein and a frame of all establishments engaged in various economic activities both in the organized and unorganized sectors of the economy (excluding crop production, plantation, public administration, defence and compulsory social security activities).



Broad Activity wise total number of establishments by sector and type.

Sl No	Activity	Rural		Urban		Combined	
		Outside HH with fixed structure	Total	Outside HH with fixed structure	Total	Outside HH with fixed structure	Total
1	Agricultural Activities	25744	691214	12004	299705	37748	990919
2	Non-Agricultural Activities	585377	1113831	720262	1250254	1305639	2364085
Total		611121	1805045	732266	1549959	1343387	3355004

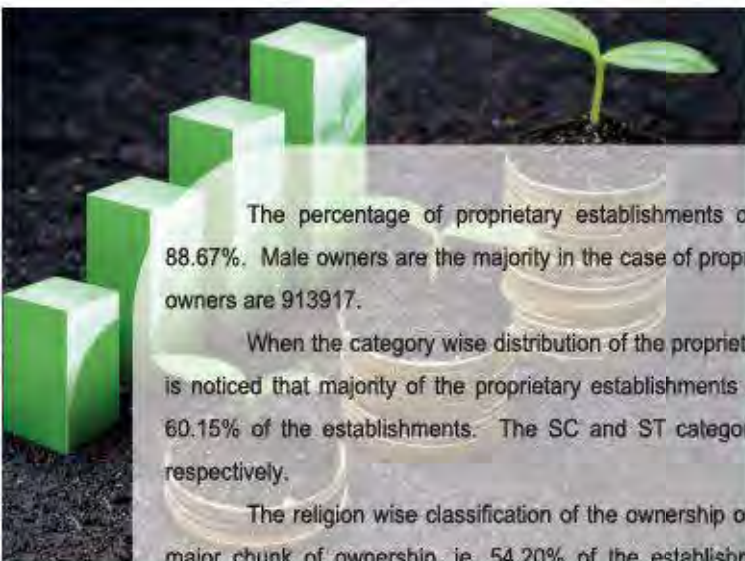
Broad Activity wise total number of persons employed by sector and type of establishment.

Sl No	Activity	Rural			Urban			Combined		
		Type of establishment			Type of establishment			Type of establishment		
		Without Hired Worker	With at least one Hired Worker	Total	Without Hired Worker	With at least one Hired Worker	Total	Without Hired Worker	With at least one Hired Worker	Total
1	Agricultural Activities	864830	76829	941659	344433	40510	384943	1209263	117339	1326602
2	Non Agricultural Activities	991721	1353244	2344965	956220	2290980	3247200	1947941	3644224	5592165
Total		1856551	1430073	3286624	1300653	2331490	3632143	3157204	3761563	6918767

Ownership of Establishments

The establishments reported in the survey are managed by different agencies. It can be observed that the majority of the institutions are functioning in private proprietorship, ie, 2974947 establishments. The private non-profit institutions constitute the second major category of ownership with 115883 establishments. Government/PSU owned institutions form the third category of ownership with 80734 establishments.

Out of the total number of persons employed in these establishments, 4958569 persons are employed in the establishments under private proprietorship. Only 527750 persons are employed in establishments under Government/PSU ownership.



The percentage of proprietary establishments out of total establishments is found to be 88.67%. Male owners are the majority in the case of proprietary establishments, ie; 2055523. Female owners are 913917.

When the category wise distribution of the proprietary establishments are taken into account, it is noticed that majority of the proprietary establishments are owned by those belonging to OBC, ie; 60.15% of the establishments. The SC and ST categories own 4.88% and 1.34% establishments respectively.

The religion wise classification of the ownership of proprietary establishments depicts that the major chunk of ownership, ie, 54.20% of the establishments are run by Hindus. The Islam and Christian proprietors are to the tune of 22.90% and 21.70% respectively.

The total employment in all the establishments is 6918767. Among this, 4958569 persons, ie; 71.67% are employed in proprietary establishments.

Nature of operation

Based on the nature of operation these establishments are classified into three types, viz; *perennial*, *seasonal* and *casual*. Most of the establishments are perennial in nature. ie; 94.2% (3161452), 3.9% are seasonal establishments (130547) and 1.9% (63005) are casual establishments.

Since the majority of establishments are perennial in nature, the employment is also highest in these establishments.

Sources of Finance

These establishments require capital for their operation for which they have to rely on different sources. Majority of these establishments try to function on their own capital, ie; self financing. About 84% of these establishments are self-financed, 5.5% of the establishments depend on donations/transfers from other agencies. Those establishments which rely on funds borrowed from other institutions are 5.1%. The establishments receive financial assistance from Government sources are 3.9%. The establishments which borrow from non- institutions/money lenders and from self help group are 0.7% and 0.8% respectively.

Employment details by sex and category

The employees of these establishments fall into four major categories - male hired workers, female hired workers, male non -hired workers and female non- hired workers. The non-hired male and female workers are the majority in this range of classification with 34.68% and 20.96% respectively. The hired male and female workers are 27.94% and 16.42% respectively.

When the number of persons employed in the agricultural broad activity is taken into account it is noticed that 19.17% (ie., 1326602) of the employees are engaged in this sector whereas 80.83% (ie., 5592165) of the employees are found to be involved in the non-agricultural broad activity.

Ernakulam district has the highest number of employees, ie., 980288. Thiruvananthapuram and Malappuram are in the second and third position with 917830 and 624812 employees respectively.

There are 50336 establishments altogether with 10 or more employees of which 19789 are in the rural areas and 30547 in the urban areas.

Ernakulam district is the topmost with 11453 such establishments, followed by Thiruvananthapuram (10733), Thrissur (6091). The least number of such establishments are in Wayanad ie., 1230.

In the case of number of employees in these establishments, Ernakulam district is in the first position, ie, 316263 employees, followed by Thiruvananthapuram (271218) and Kollam with 158985. Wayanad district has the least number of employees in this category, ie, 28948.

Size class wise classification of establishments

The majority of establishments consist of single employee. There are 2170724 establishments with single employee. The size classes from 1-5 consists of the majority of the workers. Only 175 establishments have 500 or more workers.

Establishments with women entrepreneurs

There are 913917 establishments having women entrepreneurs. When agricultural activities are considered, the majority of these are engaged in livestock rearing activities (479201). Whereas in the case of non-agricultural activities, manufacturing activity is the major one (272347).

As regards the women establishments, the interesting fact is that establishments with the women entrepreneurs engaged in agricultural activities are higher compared to that of non- agricultural activities, ie., 483168 and 430749 establishments respectively. 1147025 workers are engaged in these establishments with 652578 in the rural areas and 494447 in the urban areas.

Thiruvananthapuram district has the largest number of establishments with women entrepreneurship (167954), followed by Ernakulam (91573) and Malappuram (71210). The least number of such establishments are in Wayanad (ie., 16927).

The highest number of employment is also in the Thiruvananthapuram district with 210503 workers. Ernakulam is in the second place with 123949 employees and third in Kollam with 89602 employees.

There are 14943 handloom/handcraft establishments under women entrepreneurship. Majority of these are in the rural areas ie.8799 numbers. Only 6144 such establishments are in urban areas.

About 18458 employees work in the handloom/ handcraft establishments run by women entrepreneurs.



Handloom/Handicraft establishments

According to the census there are altogether 30293 handloom establishments functioning in the state of which 15459 are in the rural areas and 14834 in the urban areas. Thrissur district tops the list with 6462 establishments engaged in handloom/handicraft works. Thiruvananthapuram is in the second position with 5722 establishments and Ernakulam in the third with 3628 establishments.

Employment in handloom sector

There are altogether 66949 persons employed in the handloom sector. In the rural areas 11419 persons are employed in establishments with fixed structure outside households, whereas in the urban areas, there are 19989 are employed in establishments with fixed structure outside households.

There are 66949 employees are found to be working in the handloom sector of which 29729 workers are in rural areas and 37220 workers in the urban areas.

District wise total number of establishments for all broad activity by sector.

Sl. No	District	Rural	Urban	Combined
1	Kasaragod	89313	53523	142836
2	Kannur	109702	142376	252078
3	Wayanad	89657	3691	93348
4	Kozhikode	77920	164360	242280
5	Malappuram	186707	147543	334250
6	Palakkad	179144	67090	246234
7	Thrissur	87392	199440	286832
8	Ernakulam	127301	259283	386584
9	Idukki	142312	7344	149656
10	Kottayam	156991	69117	226108
11	Alappuzha	88416	114421	202837
12	Pathanamthitta	108200	15856	124056
13	Kollam	140672	90813	231485
14	Thiruvananthapuram	221318	215102	436420
	Total	1805045	1549959	3355004

District wise percentage distribution of establishments.



Broad activity wise total number of establishments by sector.

Sl. No	Activity	Combined			Total
		Outside HH with fixed structure	Outside HH without fixed structure	Inside HH	
1	Activities relating to agriculture other than crop production & plantation	3207	2008	3126	8341
2	Livestock	32441	52798	836099	921338
3	Forestry and Logging	661	3477	1470	5608
4	Fishing and aqua culture	1439	46556	7637	55632
	Subtotal : Agricultural Activities	37748	104839	848332	990919
5	Mining and quarrying	1278	1369	341	2988
6	Manufacturing	182561	27139	322107	531807
7	Electricity, gas, steam and air conditioning supply	2133	92	53	2278

8	Water supply, sewerage, waste management and remediation activities	8529	2508	1422	12459
9	Construction	7933	26636	8548	43117
10	Whole sale trade, retail trade & repair of motor vehicles & motor cycles	46973	3143	3939	54055
11	Whole sale trade (not covered in item-10 above)	36364	8418	7830	52612
12	Retail trade (not covered in item-10 above)	466808	78896	51670	597374
13	Transportation and storage	25962	217837	50885	294684
14	Accommodation and and Food service activities	88020	6120	14694	108834
15	Information & communication	18833	1287	1902	22022
16	Financial and insurance activities	46173	18672	32197	97042
17	Real estate activities	8892	33925	43273	86090
18	Professional, scientific & technical activities	29974	2441	4641	37056
19	Administrative and support service activities	37061	6508	12567	56136
20	Education	46124	2926	31054	80104
21	Human health & social work activities	59377	810	7959	68146
22	Arts entertainment, sports & amusement and recreation	17495	1788	1636	20919
23	Other service activities not else where classified	175149	6910	14303	196362
	Subtotal : Non-Agricultural Activities	1305639	447425	611021	2364085
	Total	1343387	552264	1459353	3355004

Activity wise total number of establishments by ownership

Activity	Number of Establishments								Total
	Ownership code								
	1. Govt / PSU	2. Private : Proprietary	3. Private : Partnership	4. Private : Company	5. Private : Self Help Group	6. Private : Co-operative	7. Private : Non-profit Institution	8. "Private : Others"	
Agricultural Activities	1424	982892	3712	310	355	280	436	1510	990919
Non-Agricultural Activities	79310	1992055	70669	12234	44085	15431	115447	34854	2364085
Total	80734	2974947	74381	12544	44440	15711	115883	36364	3355004

Activity wise total number of establishments by gender of owners

Activity	Total No. of Establishments	No. of Proprietary Establishments	% Proprietary Establishments	Male Owners	Female Owners	Other Owners
Agricultural Activities	990919	982892	99.2	497642	483168	2082
Non-Agricultural Activities	2364085	1992055	84.3	1557881	430749	3425
Total	3355004	2974947	88.7	2055523	913917	5507

Activity wise total number of establishments by social group of owners

Activity	Proprietary establishments	SC	% SC	ST	% ST	OBC	% OBC	Others	% Others
Agricultural Activities	982892	67410	6.9	23114	2.4	521811	53.1	370557	37.7
Non-Agricultural Activities	1992055	78061	3.9	17308	0.9	1267474	63.6	629212	31.6
Total	2974947	145471	4.9	40422	1.4	1789285	60.1	999769	33.6

Activity wise total number of establishments by religion of owners in Kerala

Activity	Hindu	% Hindu	Islam	% Islam	Christian	% Christian	Sikh	% Sikh	Jain	% Jain	Others	% Others
Agricultural Activities	532396	54.2	165286	16.8	277089	28.2	69	.0	257	.0	7694	.8
Non-Agricultural Activities	1079930	54.2	517194	26.0	368233	18.5	272	.0	413	.0	25829	1.3
Total	1612326	54.2	682480	22.9	645322	21.7	341	.0	670	.0	33523	1.1

District wise total number of persons employed for all broad activity by sector .

Sl.No	District	Rural	Urban	Combined
1	Kasaragod	132397	103598	235995
2	Kannur	174812	308653	483465
3	Wayanad	172313	10216	182529
4	Kozhikode	138462	371552	510014
5	Malappuram	326998	297814	624812
6	Palakkad	320841	154548	475389
7	Thrissur	161354	442661	604015
8	Ernakulam	257728	722560	980288
9	Idukki	248994	20139	269133
10	Kottayam	284585	170252	454837
11	Alappuzha	174954	248273	423227
12	Pathanamthitta	190996	46136	237132
13	Kollam	286162	233939	520101
14	Thiruvananthapuram	416028	501802	917830
	Total	3286624	3632143	6918767

District wise percentage distribution of Employment



District wise percentage distribution of Handicraft / Handloom Establishments



District wise total number of persons employed in Handicraft / Handloom Establishments

Sl.No	District	Outside HH with fixed structure	Outside HH without fixed structure / Inside HH	Total	% of establishments outside HH with Fixed structure
1	Kasaragod	563	585	1148	49.0
2	Kannur	6276	2037	8313	75.5
3	Wayanad	384	502	886	43.3
4	Kozhikode	3647	1866	5513	66.2
5	Malappuram	985	1371	2356	41.8
6	Palakkad	1299	3886	5185	25.1
7	Thrissur	3751	8455	12206	30.7
8	Ernakulam	2047	3882	5929	34.5
9	Idukki	225	248	473	47.6
10	Kottayam	730	3416	4146	17.6
11	Alappuzha	2156	854	3010	71.6
12	Pathanamthitta	366	435	791	45.0
13	Kollam	1352	542	1894	71.4
14	Thiruvananthapuram	7637	7462	15099	50.6
	All Districts	31408	35541	66949	46.9

Gender Statistics



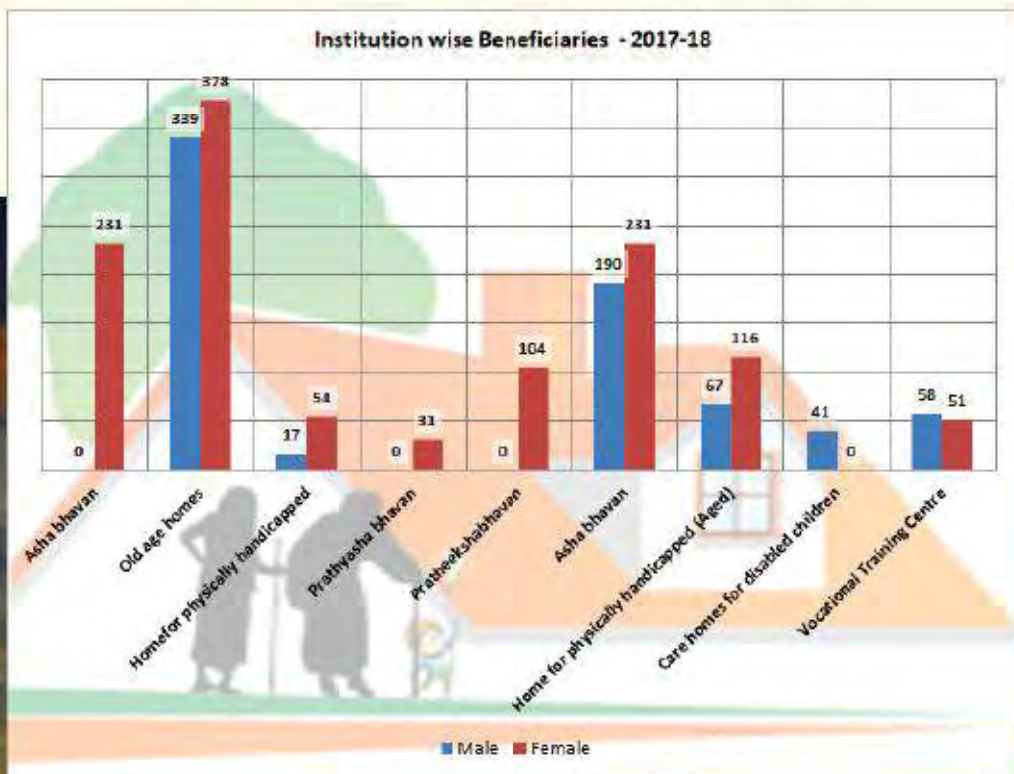
This report presents data analysis on the status of women and men in Kerala, highlighting the current situation and changes over time. Analysis is based mainly on available statistics from various departments/agencies. This report covering critical areas of policy concern; population, education, health, participation in economy, decision-making, crime and women and child oriented schemes. Discussions are mainly centred on the state level indicators and an attempt is made to compare the results with national level by utilizing selected information from various National sources. All the results presented are based on secondary data. The department published Gender statistics report 2017-18 recently

Indicator Selected For SDG India Index	National Target Value For 2030	Performance Of Kerala
Sex Ratio at birth	954	959
Average female to male ratio of average wages/salaries received per day by regular wage/salaried employees of age 15-59 years for rural and urban	1	0.72
Percentage of ever married women aged 15-49 years who have ever experienced spousal violence	0	16.3
Percentage of seats won by women in the general elections to state legislative assembly	50	5.71
Ratio of female Labour force participation rate to male LFPR	1	0.43
Percentage of women in the age group of 15 – 49 years using modern methods of family planning	100	53.1

Social Security pensions 2017-18	Male	Female
Agricultural Labour Pension	159619	319284
Indira Gandhi National Old age Pension Scheme	1089786	983183
Indira Gandhi National Disability Pension Scheme	222669	154249
Unmarried women above 50 years		77506
Indira Gandhi National widow pension scheme		1234254

Institution wise Beneficiaries - 2017-18

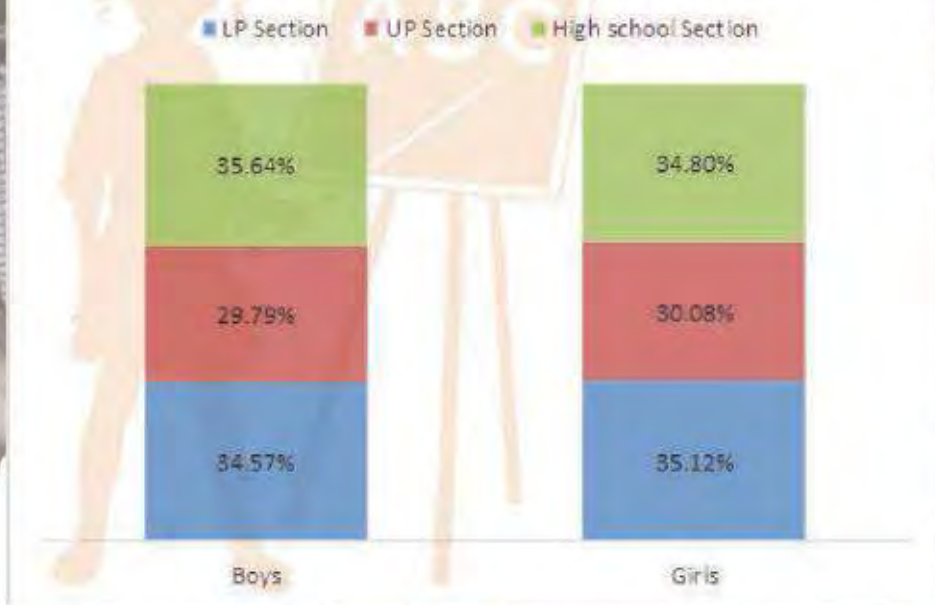
Institution	Male	Female
Asha bhavan	0	231
Old age homes	339	378
Home for physically handicapped	17	54
Prathyashabhavan	0	31
Pratheekshabhavan	0	104
Asha bhavan	190	231
Home for physically handicapped (Aged)	67	116
Care homes for disabled children	41	0
Vocational Training Centre	58	51



School Education - Enrolment of students during 2017-18

Section	Govt		Aided		Unaided		Total		% of Girls
	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	
LP Section	197220	192027	339537	340468	112448	100669	649205	633164	49.37
UP Section	156336	151244	345027	341412	58111	48642	559474	542298	49.22
High school Section	223771	206114	398137	378213	49366	42998	669274	627325	48.38
Total	577327	549385	1080701	1060093	219925	193308	1877953	1802787	48.98

Percentage of Girl students to total Enrolment of students in School Education during 2017-18

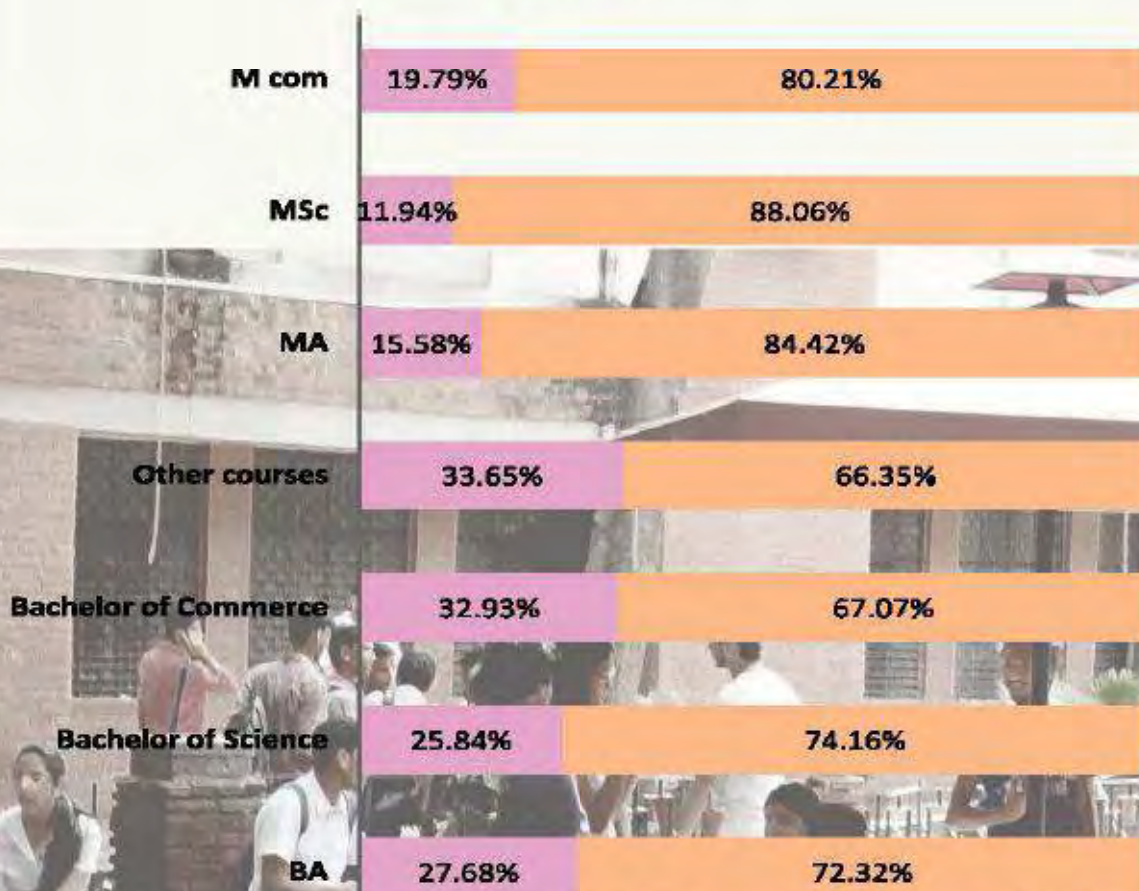


Arts and Science colleges Enrolment of Students 2017-18

Course	Government College		Private colleges		Total		% of Girls
	Boys	Girls	Boys	Girls	Boys	Girls	
BA	5562	15258	18047	46426	23609	61684	72.32
Bachelor of Science	3760	9252	19014	56094	22774	65346	74.76
Bachelor of Commerce	2293	4992	10442	20944	12735	25936	67.07
Other courses	438	785	2473	4954	2911	5739	66.35
MA	506	2626	1108	6117	1614	8743	84.42
MSc	230	1409	1296	9843	1526	11257	88.06
M com	151	743	868	3386	1019	4129	80.21

Enrolment of Students in Arts and Science colleges 2017 18

Boys Girls



Female Representation in Parliament / Legislature – Kerala (Present Status)

Sl.No	Name of Legislature	Number of Women members	Total Seats	No of nominated member	Total Seats	Female % to Total
1	Rajya Sabha	0	9	-	9	0
2	Lok Sabha	1	20	-	20	5
3	Kerala Legislative Assembly	8	140	1	141	5.7

Female Representation in Parliament / Legislature – Kerala (Present Status)



President / Chairperson Seats reserved for Women, SC and ST - 2015

Type of Local Body	Total No. of Seats	General Category	Reserved for Women		Scheduled Caste			Scheduled Tribe		
			Total	General	Total	SC	SC Women	Total	ST	ST Female
GP	941	416	471	417	92	46	46	16	8	8
BP	152	68	76	67	15	7	8	3	1	2
DP	14	6	7	7	1	1				

Women contesting candidates - Local Body Election 2015

Type of Local body	Total No.	No. of Wards	No. of Women Candidates contested	No. of Women Candidates Won
Gramapanchayath	941	15962	28066	8193
Block panchayath	152	2076	3502	1156
District panchayath	14	331	592	169
Municipality	86	3088	5131	1604
Corporations	6	414	977	209
Total	1199	21871	38268	11331

Number of Female Voters from 1991-2016

	1991	1996	2001	2006	2011	2016
No. of Female Voters	9943517	10630660	11200533	11140010	12073117	13533244
% of increase over previous year	-	6.91	5.36	-0.54	8.38	12.09
No. of Female Voters who voted	7285241	7479291	7915824	7917903	9027923	10575485
% of increase over previous year	-	2.66	5.84	0.03	14.02	17.14

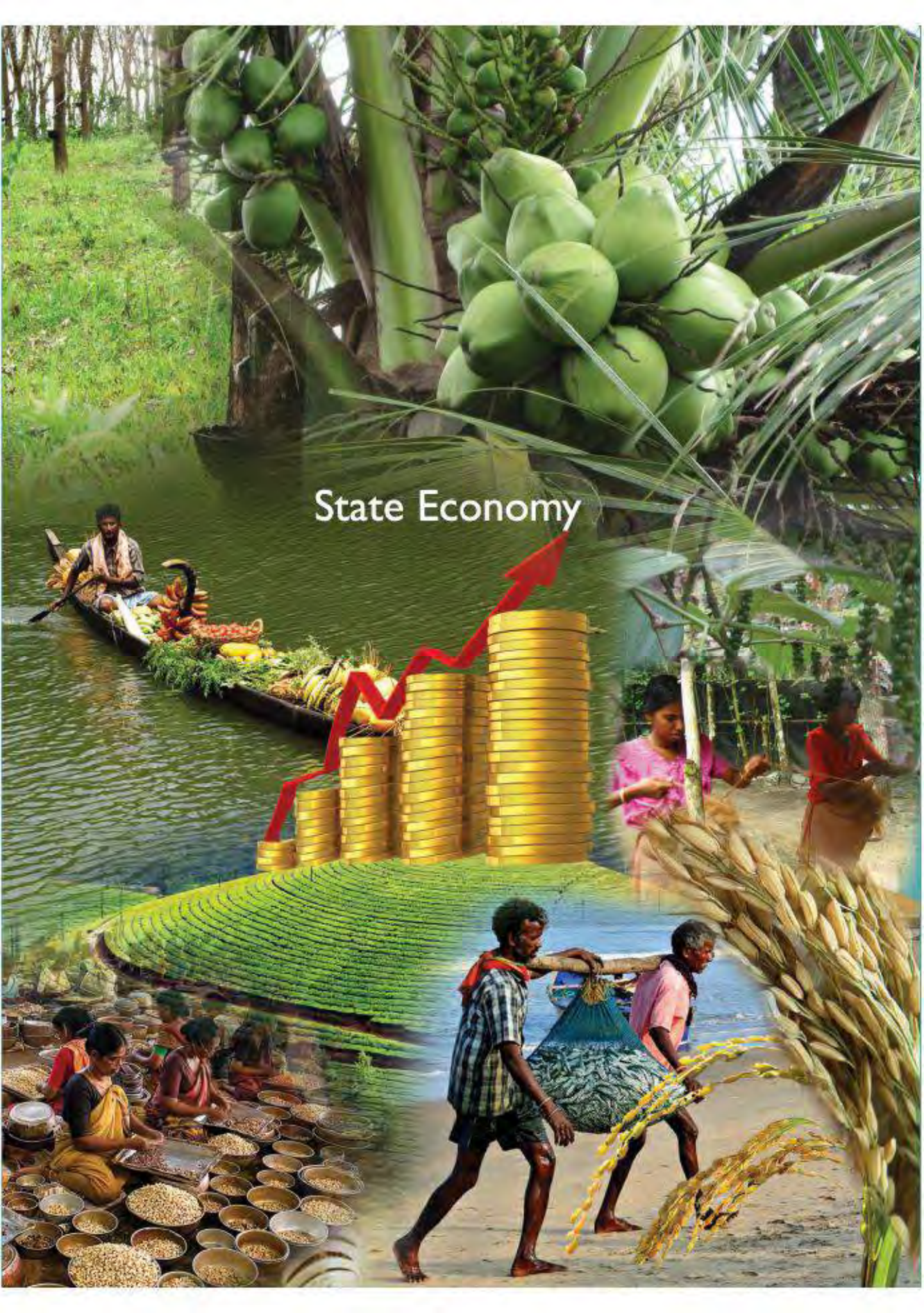


Crimes against Women in Kerala During the Period 2007-2018 (Up to October)

Sl. No	Crime head	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017 (Provisional)
1	Rape	500	548	554	617	1132	1019	1221	1347	1256	1656	1987
2	Molestation	2604	2756	2539	2939	3756	3735	4362	4367	3967	4029	4498
3	Kidnapping & Abduction	166	167	171	175	221	214	185	143	192	166	200
4	Eve teasing	262	255	394	539	573	498	404	257	267	328	394
5	Dowry death (304(B) IPC)	22	25	21	21	15	32	21	28	8	25	13
6	Cruelty by husband / relatives	3976	4135	3976	4788	5377	5216	4820	4919	3668	3455	2863
7	Other offences	1851	1820	1699	1702	2205	2288	2725	3463	3107	5455	4299
	Total	9381	9706	9354	10781	13279	13002	13738	14524	12485	15114	14254



State Economy



State Income is an important macro-economic variable to measure the economic growth of the state. In per-capita terms, it reflects the economic well-being of the people which determines their consumption and saving behaviour. It is also an indicator for assessing tax capacity and an indispensable instrument for economic planning.

State level performance of the economy is analysed by computing different macroeconomic state level indicators like Gross State Domestic Product, Net State Domestic Product, Per capita, Fiscal deficit etc. These estimates are prepared by using the concept & methodology adopted by Central Statistics Office & System of National Accounts 2008. The total economy is divided in to 6 mutually exclusive institutional units namely Non-financial Corporations, Financial corporations, General Government Households NPISHs & Rest of the world. Based on the nature of economic activity, the institutional units are grouped in to different sectors & industries. The sectors are classified as Primary, Secondary & Tertiary. Primary sector includes Crops, Live Stock, Forestry & logging, Fishing & Aquaculture, Mining & Quarrying. Secondary Sector comprises Manufacturing, Electricity, Gas & Water Supply, and Construction. Tertiary sector includes Trade & repair services, Hotels & restaurants Railways, Road transport, Water transport, Air transport Services incidental to transport, Storage, Communication & services related to broadcasting, financial services, Real estate, ownership of dwellings & professional services, Public administration and defence, & Other Services.

Macroeconomic Indicators

In order to assess the performance of the state economy, Directorate of Economics & Statistics is preparing the GSDP & NSDP (at Current & Constant Prices), Per capita, District Domestic Product estimates etc annually.

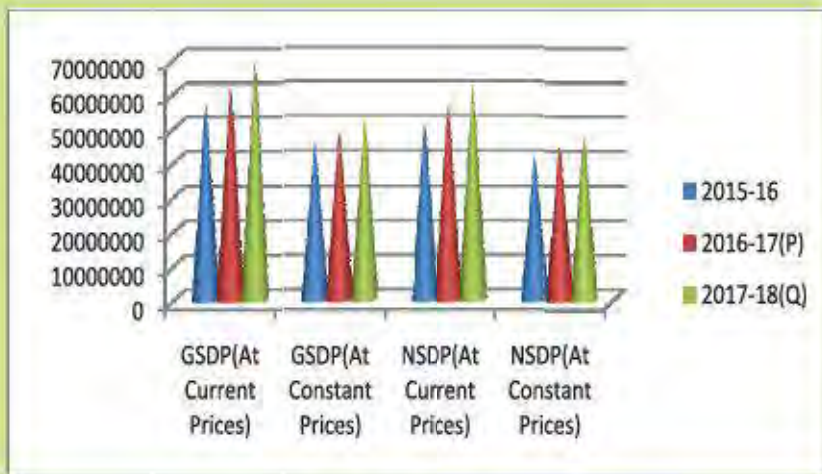
The estimates of GSDP, NSDP, Per capita of Kerala economy from 2011-12 up to 2017-18(Q) (with base year 2011-12) are available. The estimates of GSDP & NSDP (at Current & Constant prices), per capita are depicted in the following tables.

GSDP, NSDP, Percapita Income of Kerala from 2011-12 to 2017-18(Q)

Base Year 2011-12
Rs in Lakhs

Item	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17(P)	2017-18(Q)
GSDP(At Current Prices)	36404788	41231300	46504121	51256405	56199361	61635704	68676443
GSDP(At Constant Prices)	36404789	38769346	40278133	41995555	45121002	47928990	51369589
NSDP(At Current Prices)	32802112	37138412	41726497	46061432	50590997	55595370	61923259
NSDP(At Constant Prices)	32802112	34861581	36470677	38213426	41115015	43839422	46988233
Per Capita GSDP (Rs.) At Current Prices	108666	122471	137515	150824	164554	179580	199101
Per Capita GSDP (Rs.) At Constant Prices	108666	115158	119105	123573	132116	139645	148927
Per Capita NSDP (Rs.) At Current Prices	97912	110314	123388	135537	148133	161981	179523
Per Capita NSDP (Rs.) At Constant Prices	97912	103551	107846	112444	120387	127729	136225

The performance of GSDP for the year 2015-16, 2016-17, 2017-18(Q) are depicted the following graph



Per capita for 2015-16, 2016-17, 2017-18(Q) are depicted the following graph



Growth of Kerala Economy

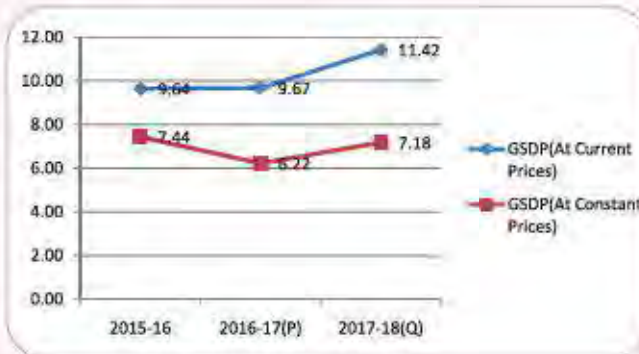
Important Macroeconomic indicators are prepared at current & constant prices. The estimates at current prices are prepared by incorporating the prices of the current year and the estimates at constant prices are prepared by incorporating the prices of a base year, which should be a normal year without any large economic fluctuation. The base year of current series of national accounts is 2011-12.

The GSDP at current prices recorded a growth of 11.42% in 2017-18(Q) as compared to the year 2016-17(P). The GSDP at constant prices recorded a growth of 7.18% in 2017-18(Q) as compared to the year 2016-17(P).

The growth rate of different macroeconomic indicators & its graphs of Kerala economy is depicted in the following tables.

Growth rate of GSDP, NSDP, Percapita Income of Kerala from 2011-12 to 2017-18(Q)							
Base Year 2011-12				in percent			
Item	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17(P)	2017-18(Q)
GSDP(At Current Prices)		13.26	12.79	10.22	9.64	9.67	11.42
GSDP(At Constant Prices)		6.50	3.89	4.26	7.44	6.22	7.18
NSDP(At Current Prices)		13.22	12.35	10.39	9.83	9.89	11.38
NSDP(At Constant Prices)		6.28	4.62	4.78	7.59	6.63	7.18
Per Capita GSDP (Rs.) At Current Prices		12.70	12.28	9.68	9.10	9.13	10.87
Per Capita GSDP (Rs.) At Constant Prices		5.97	3.43	3.75	6.91	5.70	6.65
Per Capita NSDP (Rs.) At Current Prices		12.67	11.85	9.85	9.29	9.35	10.83
Per Capita NSDP (Rs.) At Constant Prices		5.76	4.15	4.26	7.06	6.10	6.65

The growth rate of GSDP at current prices & constant prices for the years 2015-16, 2016-17(P), 2017-18(Q) are given below

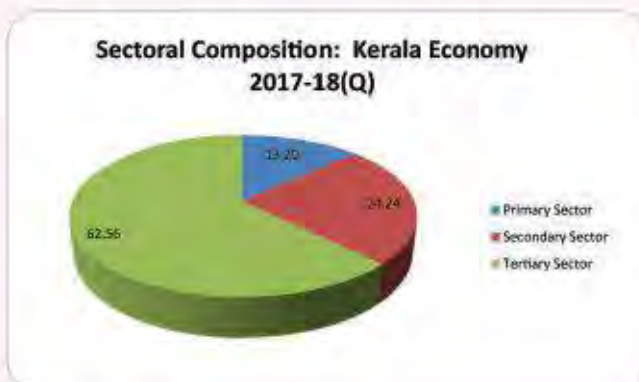


Sectoral composition of Kerala Economy

Different macroeconomic indicators are prepared in sector wise namely Primary, Secondary & Tertiary. The percentage contribution of each sector value added to the total gross value added of Kerala economy is the sectoral composition of the economy.

Kerala is mostly driven by service economy since around 60% contribution value addition is from this sector. The sectoral contribution of Kerala economy (in percent) and its graph are described in the following

Sector	2014-15	2015-16	2016-17	2017-18
Primary	14.28	12.98	13.14	13.20
Secondary	25.01	25.14	24.51	24.24
Tertiary	60.71	61.88	62.35	62.56
Total	100.00	100.00	100.00	100.00

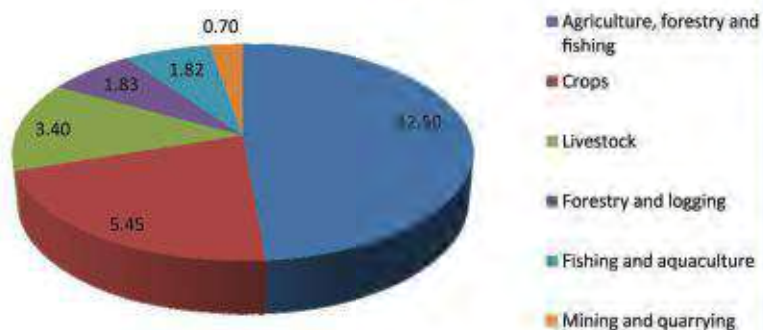


Contribution of Primary Sector

The Sectoral composition GSVA of Primary sector for the year 2017-18 is 13.20% in which crop sector has 5.45%, Livestock stock sector 3.40%, Forestry & Logging Sector 1.83%, Fishing & Aquaculture 1.82% and Mining & Quarrying 0.70%.

Sectoral Composition of Gross State Value Added -At Current Prices							
Primary sector							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17(P)	2017-18(Q)
Agriculture, forestry and fishing	14.39	13.21	12.82	12.92	12.57	12.53	12.50
Crops	8.64	6.92	6.61	6.46	5.14	5.27	5.45
Livestock	3.35	3.70	3.61	3.57	3.65	3.51	3.40
Forestry and logging	1.28	1.23	1.15	1.39	2.14	1.99	1.83
Fishing and aquaculture	1.12	1.35	1.45	1.49	1.64	1.76	1.82
Mining and quarrying	0.81	0.70	0.94	1.37	0.41	0.61	0.70
<i>Primary (Total)</i>	15.20	13.91	13.76	14.28	12.98	13.14	13.20

Sectoral Composition: Primary Sector 2017-18(Q)

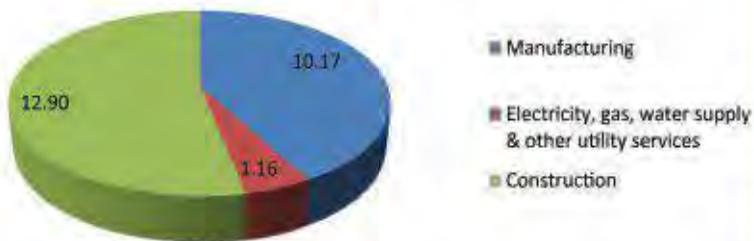


Contribution of Secondary Sector

The Sectoral contribution of GSVA of Secondary sector for the year 2017-18 is 24.24% in which Manufacturing sector has 10.17%, Electricity, Gas & Water Supply sector has 1.16% and Construction sector 12.90%.

Sectoral Composition of Gross State Value Added -At Current Prices							
Secondary Sector							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17(P)	2017-18(Q)
Manufacturing	10.17	10.63	9.48	9.10	10.14	10.13	10.17
Electricity, gas, water supply & other utility services	1.39	1.41	1.33	1.04	1.20	1.03	1.16
Construction	15.79	14.54	15.00	14.87	13.81	13.36	12.90
<i>Secondary (Total)</i>	27.35	26.59	25.81	25.01	25.14	24.51	24.24

Sectoral Composition : Secondary Sector 2017-18(Q)



Contribution of Tertiary Sector

The Sectoral contribution of GSVVA of Tertiary sector for the year 2017-18 is 62.56% in which Trade, repair services, Hotels & restaurants sector has 17.78%, Transport, storage, communication & services related to broadcasting sector has 7.85%, Financial Services sector has 3.81% Real estate, ownership of dwelling & professional services sector has 16.06%, Public administration sector has 4.03% Other services (including Health & Education) has 13.04%.

Sectoral Composition of Gross State Value Added -At Current Prices							
Tertiary Sector							
	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17(P)	2017-18(Q)
Trade, repair, hotels and restaurants	15.82	17.05	17.17	17.80	18.48	17.85	17.78
Trade & repair services	14.07	15.34	15.51	16.23	16.89	16.18	16.13
Hotels & restaurants	1.75	1.71	1.66	1.57	1.59	1.67	1.65
Transport, storage, communication & services related to broadcasting	8.32	8.16	8.41	8.25	8.13	7.98	7.85
Railways	0.29	0.31	0.30	0.32	0.33	0.34	0.33
Road transport	5.95	5.87	6.04	5.76	5.41	5.32	5.23
Water transport	0.08	0.06	0.05	0.05	0.04	0.04	0.04
Air transport	0.08	0.14	0.10	0.15	0.24	0.21	0.20
Services incidental to transport	0.18	0.15	0.16	0.16	0.16	0.16	0.16
Storage	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Communication & services related to broadcasting	1.72	1.61	1.76	1.79	1.93	1.89	1.88
Financial Services	4.25	4.27	4.32	4.42	4.39	4.12	3.81
Real estate, ownership of dwelling & professional services	12.55	13.70	14.43	15.12	15.37	15.77	16.06
Public administration	4.71	4.51	4.37	3.70	3.63	3.85	4.03
Other services	11.79	11.81	11.73	11.42	11.88	12.78	13.04
Tertiary (Total)	57.46	59.50	60.43	60.71	61.88	62.35	62.56

Sectoral Composition: Tertiary Sector 2017-18(Q)



The Reports published by the Department during the year 2018-19

1. Agricultural Statistics – 2017-18
2. Gender Statistics – 2017-18
3. Vital Statistics Report – 2017
4. Statistical Handbook, Kerala -2017
5. NSS 68 th Round – Consumer Expenditure-Pooled Report
6. NSS 71 st Round – Education Survey- Pooled Report
7. GSDP- Kerala-2016-17
8. Price Statistics-2016
9. Monthly Price Bulletins
10. Kerala Pothuvipani Avalokanam- monthly
11. Report on Medical Certification on Cause of Death-2016
12. Annual Survey of Industries -2014-15
13. Spot Check Survey – 2017
14. Report on Building Statistics-2015-16
15. Report on Market Arrivals-2016
16. Survey on Cost of Cultivation -2105-16
17. Soil Conservation-2015-16
18. Index on Industrial Production 2018-19 (Manufacturing Sector)monthly Report up to September 2018.
19. Report on Annual Review of Crop Statistics Systems in Kerala through the Scheme for Improvement of Crop Statistics-2016-17
20. Building Materials Price – upto 31/03/2018