रिपोर्ट सं./Report No. 567 (68/1.0/4)

भारतीय परिवारों के लिए रसोई एवं प्रकाश के ऊर्जा स्रोत, 2011-12

Energy Sources of Indian Households for Cooking and Lighting, 2011-12

एन.एस.एस. 68वाँ दौर

NSS 68th Round

(जुलाई 2011 – जून 2012)

(JULY 2011 – JUNE 2012)

भारत सरकार

Government of India

सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय

Ministry of Statistics and Programme Implementation

राष्ट्रीय प्रतिदर्श सर्वेक्षण कार्यालय

National Sample Survey Office

प्राक्कथन

राष्ट्रीय प्रतिदर्श सर्वेक्षण कार्यालय (एनएसएसओ) के परिवार उपभोक्ता व्यय संबंधी सर्वेक्षण राष्ट्रीय तथा राज्य स्तर पर आबादी के अलग-अलग वर्गों के जीवनस्तर के विभिन्न संकेतकों के बारे में आंकड़ों के बुनियादी स्रोत हैं । परिवारों के बड़े प्रतिदर्श आकार के साथ परिवार उपभोक्ता व्यय संबंधी एनएसएस सर्वेक्षण, 27वें दौर (अक्टूबर 1972- सितम्बर 1973) से पंचवार्षिक आधार पर आयोजित किए जा रहे हैं । इन आंकड़ों का उपयोग नियोजन, नीति-निर्माण एवं निर्णय लेने में मदद के लिए किया जाता है तथा विभिन्न सरकारी संगठन, शिक्षाविद्, शोधकर्ता और विद्वान इनका उपयोग सांख्यिकी प्रक्रियाओं में इनपुट के रूप में करते हैं । जुलाई 2011-जून 2012 के दौरान आयोजित किया गया एनएसएस का 68वां दौर का सर्वेक्षण 66वें दौर (जुलाई 2009-जून 2010) के पंचवार्षिक सर्वेक्षण का पुनार्वृत सर्वेक्षण था चूंकि इस अवधि को सामान्य नहीं माना गया था। इसमें (i) परिवार उपभोक्ता व्यय तथा (ii) रोजगार तथा बेरोजगारी विषयों को सम्मिलित किया गया था । अधिकांश राज्य सरकारों ने भी समान प्रतिदर्श आकार के आधार पर इस सर्वेक्षण में सहभागिता की ।

केन्द्रीय प्रतिदर्श के आधार पर एनएसएसओ ने उपभोक्ता व्यय संबंधी पंचवार्षिक सर्वेक्षणों के निष्कर्ष कई रिपोर्टों के रूप में प्रकाशित किए हैं । *भारत में परिवार उपभोक्ता व्यय के प्रमुख संकेतक 2011-12* और एनएसएस के 68वां दौर के *इकाई* स्तर के आंकड़े जून 2013 में जारी किए गए थे । इसके अलावा एनएसएस के 68वें दौर के सर्वेक्षण आंकड़ों के आधार पर परिवार उपभोक्ता व्यय के विभिन्न पहलुओं पर छह विस्तृत रिपोर्टें जारी करने की योजना बनाई गई है । पांच रिपोर्टें पहले ही जारी की जा चुकी हैं वे हैं: प्रथम रिपोर्ट '*उपभोक्ता व्यय का स्तर एवं पैटर्न* ' जिसमें राष्ट्र तथा राज्य स्तर के परिवार उपभोक्ता व्यय के औसतों, वितरण एवं संघटनों के संबंध में अनुमान दिए गए हैं, दूसरी रिपोर्ट '*भारत में विभिन्न वस्तुओं एवं सेवाओं का पारिवारिक उपभोग* 'जिसमें विभिन्न वस्तुओं और सेवाओं के उपभोग पर प्रति व्यक्ति व्यय के अनुमान दिए गए हैं । तीसरी रिपोर्ट '*भारत में पौष्टिक अंतर्ग्रहण, 2011-12* ' जिसमें भारतीय आबादी द्वारा कैलोरी, प्रोटीन एवं वसा के रूप में पौष्टिक अंतर्ग्रहण के अनुमान दिए गए हैं; चौथी रिपोर्ट '*सामाजिक-आर्थिक समूहों में परिवार उपभोक्ता व्यय 2011-12* ' में विभिन्न सामाजिक-आर्थिक समूहों के परिवार उपभोग व्यय के अनुमान दिए गए हैं । पांचवी रिपोर्ट '*सार्वजनिक वितरण प्रणाली और पारिवारिक उपभोग के अन्य स्रोत 2011-12* ' में जन वितरण प्रणाली की मदों और ग्रामीण परिवारों द्वारा घर में उत्पन्न की जाने वाली वस्तुओं के उपभोग के अनुमान दिए गए हैं। वर्तमान रिपोर्ट इस श्रृंखला की छठी और अंतिम रिपोर्ट है और इसमें भारतीय परिवारों के लिए रसोई एवं प्रकाश के ऊर्जा स्रोत, 2011-12 का ब्रेकअप दिया गया है । ऊर्जा खपत के इन वितरणों को राज्य तथा संघ राज्य क्षेत्र और राष्ट्रीय स्तर पर ग्रामीण व शहरी क्षेत्रों के लिए अलग-अलग दिखाया गया है । परिवार सामाजिक समूहों, परिवार के व्यवसाय के प्रकार और प्रति व्यक्ति उपभोग व्यय के आधार पर परिवार के आर्थिक स्तर के अनुसार इनमें पाई जाने वाली भिन्नताओं का विश्लेषण करके यहा प्रस्तुत किया गया है । इस रिपोर्ट में चार अध्याय और तीन परिशिष्ट हैं । इस रिपोर्ट में, अनुमानों से संबंधित मुख्य निष्कर्ष तीसरे और चौथे अध्याय में दिए गए हैं ।

सर्वेक्षण अभिकल्प तथा अनुसंधान प्रभाग (एसडीआरडी) ने सर्वेक्षण पद्धति, सर्वेक्षण-साधन विकसित करने तथा यह रिपोर्ट तैयार करने का कार्य किया । क्षेत्र संकार्य प्रभाग (एफओडी) ने क्षेत्र कार्य किया जिनमें केंद्रीय प्रतिदर्शों को शामिल किया गया । आंकड़ा विधायन तथा सारणीयन का कार्य समंक विधायन प्रभाग (डीपीडी) ने किया । समन्वय एवं प्रकाशन प्रभाग (सीपीडी) ने सर्वेक्षण संबंधी विभिन्न कार्यकलापों में समन्वयन का कार्य किया ।

मैं सर्वेक्षण के विभिन्न चरणों में बहुमूल्य मार्गदर्शन प्रदान करने हेतु राष्ट्रीय प्रतिदर्श सर्वेक्षण के 68वें दौर के कार्य दल के अध्यक्ष और सदस्यों और राष्ट्रीय सांख्यिकीय आयोग (एनएससी) की अत्यंत आभारी हूँ । मैं इस रिपोर्ट को तैयार करने में शामिल रा.प्र.स.का. के विभिन्न प्रभागों के अधिकारियों द्वारा किये गये प्रयासों की भी सराहना करती हूँ ।

मैं आशा करती हूँ कि यह रिपोर्ट योजनाकारों, नीति-निर्माताओं, शिक्षाविदों और शोधकर्ताओं के लिए उपयोगी सिद्ध होगी। इस रिपोर्ट की विषयवस्तु, अभिन्यास अथवा रिपोर्ट के किसी अन्य पहलू में सुधार के लिये सुझावों का स्वागत है। रिपोर्ट की विषय-वस्तु और कलेवर में सुधार के लिए सुझाव सराहनीय होंगे । पाठकों की टिप्पणी हेतु इस रिपोर्ट के अंत में एक फीडबैक फार्म संलग्न है ।

अमरजीत

(अमरजीत कौर)

नई दिल्ली
जुलाई 2015

महानिदेशक एवं मुख्य कार्यकारी अधिकारी,
राष्ट्रीय प्रतिदर्श सर्वेक्षण कार्यालय

Preface

The Household Consumer Expenditure Surveys of the National Sample Survey Office (NSSO) are the primary source of data on various indicators of level of living standards of different segments of the population at both National and State levels. Surveys on Household Consumer Expenditure with large sample size of households have been conducted quinquennially by the NSSO from NSS 27th Round (October 1972 to September 1973). These data are used for planning, policy formulation, decision support and as a source of input for further statistical analysis by various Government organizations, academicians, researchers and scholars. The NSS 68th round carried out during July 2011 to June 2012, covering subjects of (i) Household Consumer Expenditure and (ii) Employment and Unemployment was a repeat of the quinquennial survey conducted during 66th round (July 2009 – June 2010) as this period was not considered normal. Most of the state governments also participated in the survey on a matching sample size basis.

Based on the Central sample, the results of the quinquennial surveys of Consumer Expenditure are published by NSSO in a number of reports. *Key Indicators of Household Consumer Expenditure in India, 2011-12*, and unit level data for the 68th round of NSS were released in June 2013. A total of six detailed reports were planned to be released on varied aspects of household consumer expenditure based on NSS 68th round data. Five reports have already been released. The reports released earlier were (i) *Level and Pattern of Consumer expenditure in India*, giving estimates of averages, distribution and composition of household consumer expenditure at National and State levels; (ii) *Household consumption on Various Goods and Services in India,* giving estimates of per capita expenditure for consumption on different goods and services; (iii) *Nutritional Intake in India, 2011-12,* giving estimates of nutritional intake in the form of calorie, protein and fat by the Indian population; (iv) *Household Consumer Expenditure across Socio-Economic Groups, 2011-12,* giving estimates of household consumer expenditure across various socio-economic groups and (v) *Public Distribution System and Other Sources of Household Consumption, 2011-12,* giving estimates of consumption of PDS items and consumption of home-grown items for rural households. The present report, the sixth and the last one in the series is concerned with the Indian household consumption by a) primary source of energy for cooking and b) primary source of energy for lighting. These distributions of energy consumption are depicted separately for rural and urban sectors of each State/UT as well as at the national level. Variations with household social groups, household occupation types and household economic level as measured by household per capita consumption expenditure are also further analyzed and presented here. This report contains four chapters and three appendices. The main findings relating to the estimates given in this report are presented in Chapters Three and Four.

The Survey Design and Research Division (SDRD) undertook the development of survey instruments and the preparation of this document. Field work of the survey was carried out by the Field Operations Division (FOD) in which the central samples were covered. The data processing and tabulation work was handled by the Data Processing Division (DPD) of NSSO. The Coordination and Publication Division (CPD) coordinated various activities pertaining to the survey.

I am highly thankful to the Chairman and Members of the Working Group for NSS 68th round and National Statistical Commission (NSC) for providing their valuable guidance at various stages of the survey. I would also like to appreciate efforts made by the officers of the different Divisions of NSSO involved in preparation of this document.

I hope this report will be found useful by planners, policy makers, academicians and researchers. Suggestions for improvement in content, layout and other aspects of this document will be highly appreciated. A feedback form is attached at the end of the report for comments of the reader.

New Delhi
July, 2015

Amarjeet

(Amarjeet Kaur)
Director General & Chief Executive Officer
National Sample Survey Office

मुख्य विशेषतायें

यह रिपोर्ट 2011-12 के दौरान अनुसूची 1.0 उपभोक्ता व्यय टाईप 2 के माध्यम से सम्पूर्ण देश में फैले हुए, 7469 ग्रामों एवं 5268 नगरीय खण्डों में 101651 परिवारों (59683 ग्रामीण एवं 41968 नगरीय) से एकत्रित सूचनाओं पर आधारित है ।

रशोई के लिए उर्जा : सम्पूर्ण भारत एंव राज्यों

- अखिल-भारतीय स्तर पर, दो तिहाई (67.3%) से अधिक ग्रामीण परिवारों द्वारा ईंधन की लकड़ी एंव चिप्स का उपयोग किया गया, इसी क्रम में एलपीजी का उपयोग 15.0% परिवारों द्वारा किया गया । केवल 9.6% एंव 1.1% ग्रामीण परिवारों द्वारा गोइठा (गोबर का बना केक), कोयला एंव कोक का उपयोग क्रमशः प्राथमिक स्रोत के रूप में किया । 1.3% ग्रामीण परिवारों के पास रशोई बनाने के लिए कोई व्यवस्था नहीं थी । *[सन्दर्भ : स्टैटमेन्ट 1R, पृष्ठ 14]*

- नगरीय क्षेत्रों में अधिकांश परिवार रशोई के लिए उर्जा के प्राथमिक स्रोत के रूप में एलपीजी का उपयोग किया अखिल भारतीय स्तर पर 68.4% नगरीय परिवारों द्वारा एलपीजी का उपयोग किया गया इसी क्रम में 14.0% परिवारों द्वारा ईंधन की लकड़ी एंव चिप्स का और 5.7% परिवारों द्वारा किरोसीन का उपयोग किया गया । 6.9% परिवारों के पास रशोई के लिए कोई व्यवस्था नहीं थी । *[सन्दर्भ : स्टैटमेन्ट 1U, पृष्ठ 15]*

- सभी प्रमुख राज्यों पंजाब और हरियाणा को छोड़कर, ग्रामीण क्षेत्रों में रशोई के लिए ईंधन की लकड़ी एवं चिप्स पर निर्भर रहने वाले परिवारों का प्रतिशत, 56.0% से अधिक था। *[सन्दर्भ : स्टैटमेन्ट आई आर पृष्ठ 14]*

- उत्तर प्रदेश के 33.4%, पंजाब में 30.3% हरियाणा में 24.4%, बिहार में 20.8% एंव मध्य प्रदेश में 10.6% ग्रामीण परिवारों में रशोई के लेए, गोइठा (गोबर का बना केक) प्रमुख इंघन था । *[सन्दर्भ : स्टैटमेन्ट 1R, पृष्ठ 14]*

- ग्रामीण भारत में अन्य राज्यों की तुलना में परिवारों में रशोई के लिए एलपीजी के उपयोग का भार तमिलनाडू (37.2%), केरल (30.8%) एवं पंजाब (30.5%) में काफी अधिक था । जबकि छत्तीसगढ़, (1.5% परिवारों) झारखंड (2.9%) और उड़ीसा (3.9%) में एलपीजी का उपयोग बहुत कम था *[सन्दर्भ : स्टैटमेन्ट 1R, पृष्ठ 14]*

- सभी प्रमुख राज्यों में करीब 40% या उससे अधिक, नगरीय परिवारों में रशोई के लिए एलपीजी प्रमुख ईंधन के रूप में उपयोग किया गया । यह हरियाणा में सबसे अधिक (86.5% परिवारों) इसके बाद आंध्रप्रदेश (77.3%), पंजाब (75.4%) एवं महाराष्ट्र में (74.5%) था । यह सबसे न्यूनतम छत्तीसगढ़ (39.8%) है । *[सन्दर्भ : स्टैटमेन्ट 1U, पृष्ठ 15]*

- नगरीय भारत में रशोई के लिए ईंधन की लकड़ी एंव चिप्स पर निर्भरता सबसे उच्यतम उड़ीसा में (36.5% परिवारों) था इसके बाद लगभग इतना ही, केरल (36.3%) एवं छत्तीसगढ़ (34.7%) था । *[सन्दर्भ : स्टैटमेन्ट 1U, पृष्ठ 15]*

रशोई के लिए उर्जा : समयानुसार परिवर्तन

- ग्रामीण क्षेत्रों में, उन परिवारों का प्रतिशत जो ईंधन की लकड़ी एवं चिप्स पर निर्भर थे 2011-12 में 67.3% पर बरकरार रहा - 1999-2000 में 8.2 प्रतिशत बिन्दुओं की गिरावट आयी जबकि उसी अवधि में जो प्रतिशत एलपीजी व्यवहार होता था, 5.4% से 15.0% तक बढ़ गया । *[सन्दर्भ : स्टैटमेन्ट 2, पृष्ठ 16]*

- 1999 से 2000 और 2011-12 के बीच नगरीय क्षेत्रों में रशोई के लिए ईंधन की लकड़ी एवं चिप्स पर निर्भरता का भार करीब 22.3% से 14.0% तक गिर गया – 8.3 प्रतिशत बिन्दुओं की गिरावट – और केरोशीन पर निर्भरता का भार इसी अवधि के दौरान गंभीरता से 21.7% से 5.7% तक गिर गया – 73.7% की गिरावट, जबकि नगरीय परिवारों में एलपीजी का उपयोग 54.8% तक बढ़ गया, 44.2% से 68.4% । *[सन्दर्भ : स्टैटमेन्ट 2, पृष्ठ 16]*

रशोई के लिए उर्जा : आर्थिक स्तर के साथ परिवर्तन :-

- न्यूनतम सात शतमक वर्गों के लिए ईंधन की लकड़ी एवं चिप्स का उपयोग करने वाले ग्रामीण परिवारों का प्रतिशत 70% से अधिक है, यह प्रतिशत गिरता है जब एमपीसीइ (MPCE) स्तर बढ़ता है, सभी वर्गों में काफी नीचे गिरता है, सर्वोच्च चार शतमक वर्गों के एमपीसीई को, ईंधन की लकड़ी एवं चिप्स का उपयोग करने वाले परिवारों के प्रतिशत के साथ आरोही क्रम में क्रमशः 65.7%, 59.4%, 45.5% एवं 33.7% रख दिया इसमें ग्रामीण औसत 67.3% है । *[सन्दर्भ : स्टैटमेन्ट 3, पृष्ठ 19]*

- वैसे ग्रामीण परिवारों का जो नियमित रूप से चावल की रशोई बनाने के लिए एलपीजी का उपयोग एमपीसीई के स्तर में वृद्धि के साथ करता है, का प्रतिशत न्यूनतम 0.2% एमपीसीई वर्ग से उच्चतम 49.2% है । *[सन्दर्भ : स्टैटमेन्ट 3, पृष्ठ 19]*

- नगरीय भारत के लिए, वैसे परिवारों का प्रतिशत जो कि रशोई के लिए ईंधन की लकड़ी एवं चिप्स पर निर्भर हैं द्रुतगति से गिरता है – न्यूनतम भिन्नक वर्ग में 59.3% से और द्वितीय में 49.2% से ग्यारहवें भिन्नक वर्ग में मात्र 1.2% और बारहवें में 0.7% *[सन्दर्भ : स्टैटमेन्ट 3, पृष्ठ 19]*

- एलपीजी उपयोग करने वाले नगरीय परिवारों का प्रतिशत वृद्धि के साथ न्यूनतम भिन्नक वर्ग में 17.3% से द्वितीय में 30.3% तृतीय में 44.6%, चतुर्थ में 56.9%, पाँचवाँ और उससे आगे 65.9% या इससे भी अधिक बढ़ते हुए ग्यारहवें भिन्नक वर्ग में 81.5% तक,पिछले वर्ग से बारहवें भिन्नक वर्ग में प्रयाप्त ड्रॉप का 11.4 प्रतिशत प्वाइंटस के साथ पहुँचता है । *[सन्दर्भ : स्टैटमेन्ट 3, पृष्ठ 19]*

रशोई के लिए उर्जा : व्यावसायिक प्ररूप एवं सामाजिक वर्ग

- ग्रामीण भारत में विभिन्न तरह के परिवारों के बीच ईंधन की लकड़ी एवं चिप्स के उपयोग का भार कृषि परिवारों में आकस्मिक मजदूरों के लिए अधिकतम (80.4%) था, जो सभी तरह के प्रतिशत 67.3% की तुलना में प्रयाप्त अधिक था । 'अन्य' वर्ग के परिवारों के लिए यह भार कम से कम 48.9% था । *[सन्दर्भ : स्टैटमेन्ट 4R, पृष्ठ 20]*

- नगरीय भारत में प्राथमिक उर्जा स्रोत के रूप में रशोई के लिए एलपीजी का उपयोग करने वाले परिवारों का प्रतिशत नियमित मजदूरी/वेतन कमाने वाले (76.6%) के बीच अधिकतम था इसके बाद स्वनियोजित (73.5%), 'अन्य' (56.9%), और फिर अकस्मिक मजदूर (38.9%) । *[सन्दर्भ : स्टैटमेन्ट 4U, पृष्ठ 21]*

- ग्रामीण भारत में ईंधन की लकड़ी एवं चिप्स का उपयोग 87.0% अ.ज.जा. के परिवारों 69.8% अ.जा. के परिवारों एवं 57.0% 'अन्य' श्रेणी के परिवारों द्वारा किया गया । *[सन्दर्भ : स्टैटमेन्ट 5, पृष्ठ 22]*

- नगरीय भारत में रशोई के लिए एलपीजी का उपयोग सभी वर्गों के 68.4% भार की तुलना में अनुसूचित जन जातियों के बीच इससे कम (51.6%) और अनुसूचित जातियों में भी (56.8%) कम था। यह उपयोग 'अन्य' समाजिक वर्गों के परिवारों के बीच अधिकतम (76.2%) है । *[सन्दर्भ : स्टैटमेन्ट 5, पृष्ठ 22]*

प्रकाश के लिए उर्जा : राज्यों एवं सम्पूर्ण भारत

- अखिल भारतीय सतर पर 72.7% ग्रामीण परिवारों एवं 96.1% नगरीय परिवारों ने प्रकाश के लिए प्राथमिक उर्जा स्रोत के रूप में विद्युत का उपयोग किया । शेष बचे अधिकांश परिवारों ने इसके लिए किरोशीन का उपयोग किया । *[सन्दर्भ : स्टैटमेन्ट 6, पृष्ठ 23]*

- नगरीय भारत में सत्रह प्रमुख राज्यों में से दस राज्यों में प्रकाश के लिए किरोशीन का उर्जा के प्राथमिक स्रोत के रूप में उपयोग करने वाले परिवारों का अनुपात 3.2% था । शेष सात राज्यों को उच्चतर प्रतिशत के अनुसार घटते हुए क्रम में इस प्रकार, बिहार (17.2%), उत्तर प्रदेश (10.8%) आसाम (7.9%), गुजरात (5.2%) पश्चिम बंगाल (5.0%), छत्तीसगढ़ (3.6%) और उड़ीसा (3.5%) के रूप में व्यवस्थित किया गया है । *[सन्दर्भ : स्टैटमेन्ट 6, पृष्ठ 23]*

- ग्रामीण भारत में, जहाँ सभी परिवारों का करीब तीन चौथाई बिजली का उपयोग किया और एक चौथाई हल्का कुछ ज्यादा किरोसीन का उपयोग किया, प्रकाश के लिए उर्जा के प्राथमिक स्रोत के रूप में अर्न्तराज्यीय परिवर्त्तन बहुत अधिक था । किरोसीन का उपयोग करने वाले परिवारों का प्रतिशत् इतना उच्च था जितना कि बिहार में 73.5% उत्तर प्रदेश में 58.5% आसाम में 43.3% झारखंड में 36.8% उड़ीसा में 32.3% और पश्चिम बंगाल में 29.3%। *[सन्दर्भ : स्टैटमेन्ट 6, पृष्ठ 23]*

प्रकाश के लिए उर्जा : समयानुकूल परिवर्त्तन

- ग्रामीण भारत में वर्ष 1999-2000 में प्रकाश के लिए उर्जा के प्राथमिक स्रोत के रूप में 50.6% परिवार किरोसीन का उपयोग कर रहे थे जो 2011-12 में गिरकर 26.5% परिवार रह गया । इसके वैषम्य में प्रकाश के लिए उर्जा के प्राथमिक स्रोत के रूप में विद्युत का उपयोग, इसी अवधि में 48.4% से 72.7% परिवारों में बढ़ गया है । *[सन्दर्भ : फिगर 3R, पृष्ठ 25]*

- नगरीय क्षेत्रों में अखिल भारतीय स्तर पर केवल 10.3% परिवार 1999-2000 में किरोसीन का उपयोग कर रहे थे, यही प्रतिशत अब गिरकर 3.2% रह गया । *[सन्दर्भ : फिगर 3U, पृष्ठ 25]*

प्रकाश के लिए उर्जा : आर्थिक स्तर के साथ परिवर्त्तन

- प्रकाश के लिए किरोसीन का उपयोग करने वाले परिवारों का अनुपात एमपीसीई में 57.1% वृद्धि में एक रूपता के साथ न्यूनतम भिन्नक वर्ग (जनसंख्या का न्यूनतम 5% बनाते हुए) से 3.7% ग्रामीण भारत में उच्च भिन्नक वर्ग के लिए गिरता हुआ देखा गया और नगरीय भारत में 20.7% से कुछ भी नहीं । *[सन्दर्भ : स्टैटमेन्ट 7, पृष्ठ 26]*

प्रकाश के लिए उर्जा : व्यवसायिक प्ररूप एवं सामाजिकवर्ग

- ग्रामीण क्षेत्रों में विद्युत उपयोग करने वाले परिवारों का प्रतिशत नियमित मजदूरी/वेतन कमाने वाले परिवार के लिए सर्वोच्च था (90.9%) इसके बाद गैर-कृषि में स्व-नियोजित (75.0%) 'अन्य' वर्ग (72.2%) और कृषि में स्व-नियोजित (71.2%) । *[सन्दर्भ : स्टैटमेन्ट 8, पृष्ठ 27]*

- नगरीय क्षेत्रों में प्रकाश के लिए विद्युत का उपयोग करने वाले परिवारों का प्रतिशत नियमित मजदूरी/वेतन अर्जित करने वाले परिवारों के लिए अधिकतम (97.8%) था, इसके बाद 'अन्य' वर्ग द्वारा (96.8%), स्वनियोजित (95.8%) और आकस्मिक मजदूर परिवार (91.3%) । *[सन्दर्भ : स्टैटमेन्ट 8, पृष्ठ 27]*

- ग्रामीण क्षेत्रों में प्रकाश के लिए विद्युत का उपयोग करने वाले परिवारों का प्रतिशत सामाजिक वर्ग 'अन्य' के लिए अधिकतम (80.1%) था, इसके बाद अन्य पिछड़े वर्गों के लिए (72.1%) अनुसूचित जनजाति (71.1%) और अनुसूचित जाति (66.8%) । *[सन्दर्भ : स्टैटमेन्ट 9, पृष्ठ 28]*

- नगरीय क्षेत्रों में प्रकाश के लिए विद्युत का उपयोग करने वाले परिवारों का प्रतिशत् 'अन्य' वर्ग के लिए अधिकतम (97.8%) था, इसके बाद अन्य पिछड़े वर्गों (95.4%), अनुसूचित जनजाति (94.5%) और अनुसूचित जाति (93.9%) । *[सन्दर्भ : स्टैटमेन्ट 9, पृष्ठ 28]*

Highlights

The report is based on information collected through Sch. 1.0, Consumer Expenditure, Type 2 during 2011-12 from 101651 households (59683 rural and 41968 urban) in 7469 villages and 5268 urban blocks spread over the entire country.

ENERGY FOR COOKING: ALL-INDIA AND STATES

- At all India level, firewood and chips were used by more than two-third (67.3%) of *rural* households, followed by LPG, which was used by 15.0% households. Only 9.6% and 1.1% of the *rural* households used dung cake and coke & coal, respectively, as primary source. 1.3% *rural* households did not have any arrangement for cooking. [*Ref: Statement 1R, page 14*]

- In the *urban* areas, most of the households used LPG as primary source of energy for cooking. LPG was used by 68.4% of the *urban* households at all-India level, followed by firewood and chips, used by 14.0 % households and 5.7% of the households used kerosene. 6.9% households did not have any arrangement for cooking. [*Ref: Statement 1U, page 15*]

- In *rural* areas, the percentage of households depending on firewood and chips for cooking exceeded 56.0% in all major states except Punjab and Haryana. [*Ref: Statement 1R, page 14*]

- Dung cake was one of the major fuels for cooking for 33.4% of *rural* households in Uttar Pradesh, 30.3% in Punjab, 24.4% in Haryana, 20.8% in Bihar and 10.6% in Madhya Pradesh. [*Ref: Statement 1R, page 14*]

- In *rural* India, compared to other states, incidence of use of LPG for cooking in households was much higher for Tamil Nadu (37.2%), Kerala (30.8%) and Punjab (30.5%) . Use of LPG was least in Chhattisgarh (1.5% households) followed by Jharkhand (2.9%) and Odisha (3.9%).[*Ref: Statement 1R, page 14*]

- Nearly 40% or more of the *urban* households used LPG as principal fuel for cooking in all the major States. It was highest in Haryana (86.5% households), followed by Andhra Pradesh (77.3%), Punjab (75.4%) and Maharashtra (74.5%). It is lowest in Chattisgarh (39.8%). [*Ref: Statement 1U, page 15*]

- In *urban* India, dependence on firewood and chips for cooking was highest in Odisha (36.5% households) closely followed by Kerala (36.3%) and Chattisgarh (34.7%). [*Ref: Statement 1U, page 15*]

ENERGY FOR COOKING: CHANGE OVER TIME

- In *rural* areas, percentage of households depending on firewood & chips remaining at 67.3% in 2011-12– a drop of 8.2 percentage points since 1999-2000 – even though the

percentage using LPG has increased from about 5.4% to 15.0% over the same period. [*Ref: Statement 2, page 16*]

- The incidence of dependence on firewood & chips for cooking in *urban* areas has fallen from about 22.3% to 14.0% between 1999-2000 and 2011-12 – a drop of 8.3 percentage points – and the incidence of dependence on kerosene has severely dropped from 21.7% to 5.7% during the same period – a 73.7% fall, while the *urban* households using LPG has increased by 54.8% from 44.2% to 68.4%. [*Ref: Statement 2, page 16*]

ENERGY FOR COOKING: VARIATION WITH ECONOMIC LEVEL

- The percentage of *rural* households using firewood & chips is more than 70% for the lowest seven percentile classes. This percentage falls as MPCE level increases, falling appreciably below the all-classes *rural* average of 67.3% in the highest four percentile classes of MPCE placed in ascending order with percentage of households using firewood & chips as 65.7%, 59.4%, 45.5% and 33.7% respectively. [*Ref: Statement 3, page 19*]

- The percentage of *rural* households using LPG for cooking rises steadily with the increase in MPCE level, from 0.2% in the lowest MPCE class to 49.2% in the highest. [*Ref: Statement 3, page 19*]

- For *urban* India, the percentage of households depending on firewood & chips for cooking falls at a rapid rate from 59.3% in the lowest fractile class and 49.2% in the second to only 1.2% in the eleventh fractile class and 0.7% in the twelfth.[*Ref: Statement 3, page 19*]

- The percentage of *urban* households using LPG rises steadily from 17.3% in the lowest fractile class to 30.3% in the second, 44.6% in the third, 56.9% in the fourth, and 65.9% or more from the fifth onwards, reaching 81.5% in the eleventh fractile class with a considerable drop of 11.4 percentage points in the twelfth fractile class from the previous class. [*Ref: Statement 3, page 19*]

ENERGY FOR COOKING: OCCUPATIONAL TYPES AND SOCIAL GROUPS

- Among the different household types in *rural* India, the incidence of use of firewood & chips was highest (80.4%) for casual labour in agriculture households, considerably higher than the all-types percentage of 67.3%. For the 'others' category of households, the incidence was as low as 48.9%. [*Ref: Statement 4R, page 20*]

- In *urban* India, percentage of households using LPG as primary energy source for cooking was highest among regular wage/salary earning (76.6%) followed by the self-employed (73.5%), '*others*' (56.9%), and then casual labour households (38.9%).[*Ref: Statement 4U, page 21*]

- In *rural* India, firewood & chips were used by 87.0% of ST households, 69.8% of SC households and 57.0% of households of the 'others' category. [*Ref: Statement 5, page 22*]

- In *urban* India, Use of LPG for cooking was relatively low among Scheduled Tribes (51.6%) and also among Scheduled Castes (56.8%) compared to the all-groups incidence of 68.4%. This use is highest among the households of 'others' social group (76.2%). [*Ref: Statement 5, page 22*]

ENERGY FOR LIGHTING: ALL-INDIA AND STATES

- At the all-India level, 72.7% of *rural* households and 96.1% of urban households used electricity as primary source of energy for lighting. Most of the remaining households used kerosene.[*Ref: Statement 6, page 23*]

- In *urban* India, the proportion of households using kerosene as primary energy source for lighting was 3.2% or less in ten out of seventeen major states. The remaining seven states having higher percentages are arranged in descending order as Bihar (17.2%), Uttar Pradesh (10.8%), Assam (7.9%), Gujarat (5.2%), West Bengal (5.0%), Chattisgarh (3.6%) and Odisha (3.5%). [*Ref: Statement 6, page 23*]

- In *rural* India, where nearly three-fourth of all households used electricity and slightly more than one-fourth used kerosene, inter-state variation of the use of primary source of energy for lighting was much greater. The percentage of households using kerosene was as high as 73.5% in Bihar, 58.5% in Uttar Pradesh, 43.3% in Assam, 36.8% in Jharkhand, 32.3% in Odisha and 29.3% in West Bengal. [*Ref: Statement 6, page 23*]

ENERGY FOR LIGHTING: CHANGE OVER TIME

- In the year 1999-2000, 50.6% households in rural India were using kerosene as primary source of energy for lighting, which had dropped to 26.5% households in 2011-12. In contrast, use of electricity as primary source of energy for lighting has increased from 48.4% to 72.7% households over this period [*Ref: Fig. 3R, page 25*]

- In *urban* areas, only 10.3% households at all-India level were using kerosene in 1999-2000, the percentage having now declined to 3.2%.[*Ref: Fig. 3U, page 25*]

ENERGY FOR LIGHTING: VARIATION WITH ECONOMIC LEVEL

- The proportion of households using kerosene for lighting is seen to fall monotonically with increase in MPCE from 57.1% for the lowest fractile class (constituting the lowest 5% of the population) to 3.7% for the top fractile class in *rural* India and from 20.7% to none in *urban* India.[*Ref: Statement 7, page 26*]

ENERGY FOR LIGHTING: OCCUPATIONAL TYPES AND SOCIAL GROUPS

- In *rural* areas, the percentage of households using electricity was highest for the household type 'regular wage/salary earning' (90.9%), followed by the 'self-employed in

non-agriculture' (75.0%), the 'others' category (72.2%), and 'self-employed in agriculture' (71.2%). [*Ref: Statement 8, page 27*]

- In *urban* areas, the percentage of households using electricity for lighting was highest (97.8%) for the regular wage/salary earning households, followed by the 'others' category (96.8%), the self-employed (95.8%), and the casual labour households (91.3%).[*Ref: Statement 8, page 27*]

- In *rural* areas, the percentage of households using electricity was highest for the social group 'Others' (80.1%), followed by the Other Backward Classes (72.1%), the Scheduled Tribes (71.1%) and the Scheduled Castes (66.8%). [*Ref: Statement 9, page 28*]

- In *urban* areas, the percentage of households using electricity for lighting was highest (97.8%) for the 'Others' category, followed by the Other Backward Classes (95.4%), the Scheduled Tribes (94.5%) and the Scheduled Castes (93.9%). [*Ref: Statement 9, page 28*]

Contents

Chapter One

Introduction

1.1 Background

1.1.1 The National Sample Survey Office (NSSO) conducts nationwide household consumer expenditure surveys at regular intervals as part of its "rounds", each round normally of a year's duration. These surveys are conducted through interviews of a representative sample of households selected randomly through a scientific design and cover almost the entire geographical area of the country.

1.1.2 The household consumer expenditure survey (CES) is generally conducted along with the employment-unemployment survey of the NSS at quinquennial intervals. Thus, "quinquennial" surveys on consumer expenditure and employment-unemployment were conducted in the 27th, 32nd, 38th, 43rd, 50th, 55th, 61st and 66th rounds of NSS, at roughly 5-year intervals.

1.1.3 In its 32nd Meeting held on 23-24 April 2010, the National Statistical Commission (NSC) considered the use of the 2009-10 NSSO quinquennial survey as the base year for both the price indices as well as revision of the national income estimates. The NSC felt that 2009-10, not being a normal year, may pose problems; hence, it was desirable to repeat the survey in respect of consumer expenditure as well as employment-unemployment issues. In its 33rd Meeting held on 19-21 May 2010, the NSC decided that the 68th Round of NSS would be devoted to repeating the quinquennial survey on consumer expenditure and employment-unemployment.

1.1.4 Accordingly, the 66th round survey on consumer expenditure and employment-unemployment was repeated in the 68th Round conducted in 2011-12. For the reason mentioned in the above paragraph, readers of this report along with the reports already published are cautioned against making direct comparison of the estimates of the 68th round with those of the 66th.

1.2 Objective of the survey

1.2.1 The NSS consumer expenditure survey (CES) aims at generating estimates of average household monthly per capita consumer expenditure (MPCE), its distribution over households and persons, and its break-up by commodity group, at national and State/UT level, and for different socio-economic groups. These indicators are amongst the most important measures of the level of living of the population, and are used extensively for the study of poverty and inequality. Other uses of the CES include the use of budget shares as revealed by the survey to prepare the weighting diagram for official compilation of consumer price indices (CPIs), and the measurement of elasticity or responsiveness of demand to change in total expenditure. The data on quantities of consumption of different food items are

used to study the level of nutrition of populations of different regions and disparities therein, and trends in nutritional intake over time.

1.3 Reports of the 68th round CES

1.3.1 The results of NSS rounds are released in reports based on comprehensive tabulation of subject parameters and indicators in various cross-classifications. For the 68th round quinquennial survey on household consumer expenditure, the results were planned for release in six reports besides "*NSS KI (68/1.0): Key Indicators of Household Consumer Expenditure in India, 2011-2012*", which was released in June 2013. The titles of these reports are:

1. Level and Pattern of Consumer Expenditure
2. Household Consumption of Various Goods and Services in India
3. Public Distribution System and Other Sources of Household Consumption
4. Energy Sources of Indian Households for Cooking and Lighting
5. Nutritional Intake in India
6. Household Consumer Expenditure across Socio-Economic Groups

Reports 1, 2, 3, 5 and 6 have already been released.

1.4 Contents of this report

1.4.1 This report will throw light on the break-up of Indian households by a) primary source of energy for cooking and b) primary source of energy for lighting. These break-ups (distributions) are given separately for rural and urban sectors of each State and UT as well as for the country as a whole. The report further investigates whether these distributions vary with household social group, household occupation type, and household economic level as measured by household per capita consumption expenditure.

1.4.2 Following the present introductory chapter, Chapter Two explains the concepts and definitions followed in the survey and in the preparation of this report. The main findings on households' primary source of energy for cooking are discussed in Chapter Three and those for lighting in Chapter Four. Appendix A gives the detailed tables at all-India and State/UT level. Appendix B gives details of the sample design and estimation procedure followed. Appendix C is a facsimile of the schedule of enquiry (Schedule 1.0, Type 2) through which the data was collected and this report is based on such data.

1.5 Precursors of this report

1.5.1 Earlier reports on the same subject based on the 50th and 55th round NSS surveys of consumer expenditure are NSS Reports 410/2 and 464, both bearing the title *Energy Used by Indian Households* and relating to 1993-94 and 1999-2000 respectively. The report based on the 61st round (2004-05) and 66th round (2009-10) were numbered NSS Report 511 and NSS Report 542 respectively and had the same title as the present report, viz., *Energy Sources of Indian Households for Cooking and Lighting.*

1.5.2 Apart from the surveys of the quinquennial series, consumer expenditure surveys on a reduced scale were conducted annually by NSSO during the period 1986-87 to 2007-08. In these surveys, too, information on the primary source of energy used by the surveyed households for cooking and lighting was recorded. Statewise tabulation of distribution of households by primary source of energy used for cooking and lighting is thus available annually in the consumer expenditure survey reports for the years between 1986-87 and 2007-08. However, cross-tabulation of the data on primary source of energy by household MPCE, household occupational type and household social group is not available.

1.6 Features of the survey: schedules of enquiry

1.6.1 The household consumer expenditure schedule ("Schedule 1.0") used for the survey collected information on quantity and value of household consumption. The schedules of enquiry used were of two types. These two schedules had the same item-wise break-up but differed in reference periods used for collection of consumption data. Schedule Type 1, as far as reference periods were concerned, was a repeat of the schedule used in most quinquennial rounds. For certain categories of relatively infrequently purchased items, including clothing and consumer durables, it collected information on consumption during the last 30 days and the last 365 days. For other categories, including all food and fuel and consumer services, it used a 30-days reference period. Schedule Type 2 used 'last 365 days' (only) for the infrequently purchased categories, 'last 7 days' for some categories of food items, as well as pan, tobacco and intoxicants, and 'last 30 days' for other food items, fuel, and the rest. This was in line with the recommendations of an Expert Group that had been formed for the purpose of suggesting the most suitable reference period for each item of consumption. The differences (in reference period) between Schedule Types 1 and 2 are shown in Table T1.

1.6.2 Each of the Schedules Type 1 and Type 2 was canvassed in two independent samples of equal size drawn from each stratum/sub-stratum.

1.6.3 *The present report is based on Schedule Type 2 only*. This means that the data used for this report were collected with the following reference periods: Category I items: last 365 days; Category II items: last 7 days; Category III items: last 30 days.

Table T1: Reference periods used for collection of consumption data in Schedule 1.0, Type 1 and Type 2

Cate-gory	Item groups	Reference period for	
		Schedule Type 1	Schedule Type 2
I	Clothing, bedding, footwear, education, medical (institutional), durable goods	'Last 30 days' and 'Last 365 days'	Last 365 days
II	Edible oil; egg, fish & meat; vegetables, fruits, spices, beverages and processed foods; pan, tobacco & intoxicants	Last 30 days	Last 7 days
III	All other food, fuel and light, miscellaneous goods and services including non-institutional medical; rents and taxes	Last 30 days	Last 30 days

1.7 Features of the survey: scope and coverage

1.7.1 *Geographical coverage:* The survey covered the whole of the Indian Union *except* (i) interior villages of Nagaland situated beyond five kilometres of the bus route and (ii) villages in Andaman and Nicobar Islands which remain inaccessible throughout the year. *However, although planned, no sample could actually be surveyed in the districts of Leh (Ladakh), Kargil and Poonch of Jammu & Kashmir by NSSO.*

1.7.2 *Population coverage:* The rules of population coverage were as listed below:

1. Floating population, i.e., persons without any normal residence, were excluded. But persons residing in open space, roadside shelter, under a bridge, etc., more or less regularly in the same place were covered.
2. Foreign nationals were excluded, as well as their domestic servants, if by definition the latter belonged to the foreign national's household (see Chapter Two, paragraph 2.3.1, for definition of household). A foreign national who had become an Indian citizen for all practical purposes was, however, covered.
3. Persons residing in barracks of military and paramilitary forces (like police, BSF etc.) were kept outside the survey coverage. However, the civilian population residing in their neighbourhood, including the family quarters of service personnel, was covered.
4. Orphanages, rescue homes, ashrams and vagrant houses were outside the survey coverage. However, the persons staying in old age homes, the students staying in ashram/hostels and the residential staff (other than monks/nuns) of these ashrams were covered. Although orphans living in orphanages were excluded, the persons looking after them and staying there were covered. Convicted prisoners undergoing sentence were outside the coverage of the survey.

1.7.3 *Sample size*

1.7.3.1 *First-stage units*: Like other regular NSS rounds, most States and Union Territories participated in the survey: a "State sample" was surveyed by State Government officials in addition to the "Central sample" surveyed by NSSO. For rural India, the number of villages surveyed in the Central sample was 7,469 and for urban India the number of urban blocks surveyed was 5,268. This document is based on the estimates obtained from the Central sample only.

1.7.3.2 *Second-stage units*: For the consumer expenditure survey, from each sample village and urban block, two samples of 8 households each were selected for canvassing Schedule Type 1 and Schedule Type 2. The total number of households in which Schedule 1.0 type 2 was canvassed was 59,683 in rural India and 41,968 in urban India.

1.7.3.3 Table T2 shows the number of villages and urban blocks surveyed, and, for each of the two schedule types, the number of rural and urban sample households in which the consumer expenditure schedule was canvassed, for each State and Union Territory.

Table T2: Number of villages/blocks surveyed and number of households surveyed for Schedule 1.0 Type 1 and Type 2: NSS 68th round, Central sample

State/UT	no. of fsu's (villages/blocks) surveyed		no. of sample households surveyed in					
			Sch. Type 1			Sch. Type 2		
	rural	urban	rural	urban	rural + urban	rural	urban	rural + urban
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	491	372	3927	2972	6899	3925	2971	6896
Arunachal Pradesh	136	76	1072	608	1680	1066	608	1674
Assam	326	104	2608	832	3440	2607	832	3439
Bihar	414	159	3312	1270	4582	3310	1270	4580
Chhattisgarh	180	92	1435	734	2169	1440	734	2174
Delhi	8	120	64	887	951	63	882	945
Goa	20	36	160	287	447	159	288	447
Gujarat	214	215	1712	1714	3426	1712	1717	3429
Haryana	178	146	1424	1167	2591	1423	1166	2589
Himachal Pradesh	208	48	1658	383	2041	1657	383	2040
Jammu & Kashmir	254	171	2032	1351	3383	2032	1355	3387
Jharkhand	220	123	1757	983	2740	1757	980	2737
Karnataka	256	256	2048	2046	4094	2048	2048	4096
Kerala	326	232	2604	1855	4459	2608	1854	4462
Madhya Pradesh	342	248	2736	1981	4717	2735	1981	4716
Maharashtra	504	504	4032	4011	8043	4031	4013	8044
Manipur	172	148	1376	1184	2560	1376	1184	2560
Meghalaya	107	52	856	403	1259	856	404	1260
Mizoram	80	112	640	896	1536	640	896	1536
Nagaland	84	44	672	352	1024	672	352	1024
Odisha	372	132	2973	1053	4026	2974	1052	4026
Punjab	194	196	1552	1566	3118	1552	1566	3118
Rajasthan	323	195	2579	1549	4128	2579	1552	4131
Sikkim	76	20	608	160	768	608	160	768
Tamil Nadu	416	416	3319	3328	6647	3319	3327	6646
Tripura	164	68	1312	544	1856	1312	544	1856
Uttar Pradesh	740	388	5916	3099	9015	5915	3099	9014
Uttarakhand	131	92	1048	735	1783	1048	734	1782
West Bengal	446	344	3568	2747	6315	3566	2746	6312
A & N Islands	35	36	279	287	566	278	288	566
Chandigarh	8	31	64	248	312	64	248	312
Dadra & N. Haveli	12	12	96	96	192	96	94	190
Daman & Diu	8	8	64	64	128	64	64	128
Lakshadweep	8	16	64	127	191	63	128	191
Puducherry	16	56	128	448	576	128	448	576
All-India	**7469**	**5268**	**59695**	**41967**	**101662**	**59683**	**41968**	**101651**

Chapter Two

Concepts and Definitions

2.1 Conceptual framework

2.1.1 **Reference period:** The consumption of any good or service by a household or person occurs in the form of a flow over time. The survey may need to record the volume of consumption over a short period such as a day, or a long period such as a year. The time period for which consumption is recorded is called the reference period. It may vary from item to item. Because the respondents are asked to recall and report the volume of consumption, the reference period is also called the recall period.

2.1.2 **Household consumer expenditure:** The expenditure incurred by a household on domestic consumption during the reference period is the household's consumer expenditure. Expenditure incurred towards productive enterprises of households is excluded from household consumer expenditure. Also expenditure on purchase and construction of residential land and building, interest payments, insurance premium payments, payments of fines and penalties, and expenditure on gambling including lottery tickets are excluded. Money given as remittance, charity, gift, etc. is not consumer expenditure. However, self-consumption out of the produce of own farm or other household's enterprise is valued and included in household consumer expenditure. So are goods and services received as payment in kind or free from employer, such as accommodation and medical care, and travelling allowance excluding allowance for business trips.

2.1.2.1 For articles of food (including *pan*, tobacco and intoxicants) and fuel, household consumption is measured by the *quantity of the article actually used* by the household during the reference period, irrespective of the expenditure incurred on it. For articles of clothing and footwear, consumption by a household is considered to occur at the moment when the article is brought into maiden or first use by any household member. The consumption may be out of (a) purchases made in cash or credit during the reference period or earlier; (b) home-grown stock; (c) receipts in exchange of goods and services; (d) any other receipt like gift, charity, borrowing and (e) free collection. Home produce is evaluated at the ex farm or ex factory rate.

2.1.2.2 For evaluating household consumption of all other items, a different approach is followed: the *expenditure* made by the household during the reference period for the purchase or acquisition of goods and services, regardless of when the goods and services are used and by whom, is considered as household consumption. However, for a few items of expenditure such as rent, telephone charges, consumer taxes and railway season tickets, expenditure during the month is recorded as the amount that was last paid divided by the number of months to which the payment related.

2.1.2.3 It is pertinent to mention here that the consumer expenditure of a household on food items relates to the actual consumption by the members of the household and also by the guests during ceremonies or otherwise. Normally, transfers of food, fuel, clothing and footwear made by a household as charity, loan advance, etc. are not considered as consumption of that household, since consumption out of all transfer receipts of these items has to be included in the recipient household. However, meals prepared in a household and served to non-household members are an exception to this rule. Meals prepared in the household kitchen and provided to the employees and/or others would automatically get included in domestic consumption of employer (payer) household. There is a practical difficulty of estimating the quantities and values of individual items used for preparing the meals served to employees or others. Thus, to avoid double counting, cooked meals received as perquisites from employer household or as gift or charity are not recorded in the recipient household. As a general principle, cooked meals purchased from the market for consumption of the members and for guests are also recorded in the purchaser household. This procedure of recording cooked meals served to others in the expenditure of the serving households leads to improved estimates of average per capita consumption as well as total consumer expenditure.

2.1.2.4 All goods and services received as payment in kind or perquisites are included in the consumption of the recipient household as goods and services received in exchange of services, except for meals received from other households' kitchens.

2.1.3 **Value of consumption:** For items of food, *pan*, tobacco, intoxicants, fuel, clothing and footwear, the following rules of valuation are specified. Consumption out of purchase is evaluated at the purchase price. Consumption out of home produce is evaluated at ex farm or ex factory rate. Value of consumption out of gifts, loans, free collections, and goods received in exchange of goods and services is imputed at the rate of average local retail prices prevailing during the reference period.

2.2 Monthly per capita consumer expenditure (MPCE)

2.2.1 Normally, the concept of per capita income – or per capita (overall) expenditure, if income data are not available – is used for comparison of average living standards between countries, between regions, and between social or occupational groups. For studies of poverty and inequality *within* populations, however, average income or average expenditure is not enough. One needs to assign a value that indicates level of living to *each individual*, or at least to each household, in a population in order to know the level of inequality in living standards of the population, or the proportion living in poverty.

2.2.2 The NSS concept of MPCE (i.e. household monthly consumer expenditure ÷ household size) is defined at the household level. This measure serves as the indicator of the household's level of living.

2.2.3 Next, each *individual's* MPCE is defined as the MPCE of the household to which the person (man, woman or child) belongs. This assigns to each person a number representing his

or her level of living. The distribution of *persons* by their MPCE (i.e., their household MPCE) can then be built up, giving a picture of the population classified by economic level.

2.3 Other concepts and definitions

2.3.1 **Household**: A group of persons normally living together and taking food from a common kitchen constitutes a household. The word 'normally' means that temporary visitors are excluded but temporary stay-aways are included. Thus, a son or daughter residing in a hostel for studies is excluded from the household of his/her parents, but a resident employee or resident domestic servant or paying guest (but not just a tenant in the house) is included in the employer/host's household. 'Living together' is usually given more importance than 'sharing food from a common kitchen' in drawing the boundaries of a household in case the two criteria are in conflict; however, in the special case of a person taking food with his family but sleeping elsewhere (say, in a shop or a different house) due to space shortage, the household formed by such a person's family members is taken to include that person also. Each inmate of a mess, hotel, boarding and lodging house, hostel, etc., is considered as a single member household except that a family living in a hotel (say) is considered as one household only; the same applies to residential staff of such establishments. Under-trial prisoners in jails and indoor patients of hospitals, nursing homes, etc., are considered as members of the households to which they last belonged.

2.3.2 **Household size**: The size of a household is the total number of persons in the household.

2.3.3 **Percentiles and fractiles of an MPCE distribution**: For any number p between 0 and 100, the MPCE level such that p% of the population lies below it is called the p^{th} percentile of the MPCE distribution (over persons). For any fraction f between 0 and 1, the MPCE level such that 100f% of the population lies below it is called the f^{th} fractile of the MPCE distribution. Thus the 0.5^{th} fractile is simply the 50^{th} percentile (the median) of the distribution and the 0.05^{th} fractile is simply the 5^{th} percentile, the 0.1^{th} fractile is the 10^{th} percentile, and so on.

2.3.3.1 **Fractile classes**: A fractile class consists of population whose MPCE lies between two fractiles, such as the 0.05^{th} fractile and the 0.1^{th} fractile, that is, between the 5^{th} and the 10^{th} percentile.

2.3.3.2 Fractile classes are often referred to by the end points in percentile form. Thus '0-5%' refers to the bottom 5% of population ranked by MPCE, '5-10%' to the next 5% of population ranked by MPCE, and so on. The fractile classes for which estimates are provided here (at all-India rural/urban level only, not at State/UT level) are:

0-5%, 5-10%, 10-20%, 20-30%, 30-40%, ..., 70-80%, 80-90%, 90-95%, and 95-100%.

In the tables, the above fractile classes have sometimes been referred to as 01, 02, 03, ..., 11, 12 respectively, and sometimes as 0-5, 5-10, 10-20, etc.

2.3.4 **Uniform Reference Period MPCE** (or **$MPCE_{URP}$**): This is the measure of MPCE obtained by the NSS consumer expenditure survey (CES) when household consumer expenditure on each item is recorded for a reference period of 'last 30 days' (preceding the date of survey).

2.3.5 **Mixed Reference Period MPCE** (or **$MPCE_{MRP}$**) This is the measure of MPCE obtained by the CES when household consumer expenditure on items of clothing and bedding, footwear, education, institutional medical care, and durable goods is recorded for a reference period of 'last 365 days', and expenditure on all other items is recorded with a reference period of 'last 30 days'.

2.3.6 **Modified Mixed Reference Period MPCE** (or **$MPCE_{MMRP}$**) This is the measure of MPCE obtained by the CES when household consumer expenditure on edible oil, egg, fish and meat, vegetables, fruits, spices, beverages, refreshments, processed food, pan, tobacco and intoxicants is recorded for a reference period of 'last 7 days', and for all other items, the reference periods used are the same as in case of Mixed Reference Period MPCE ($MPCE_{MRP}$). *In this report, only $MPCE_{MMRP}$ is used for all the tables.*

2.3.7 **Major States:** This refers to the 17 States of India which had a population of 20 million or more according to the Census of 2001. The States are: Andhra Pradesh, Assam, Bihar, Chhattisgarh, Gujarat, Haryana, Jharkhand, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Odisha, Punjab, Rajasthan, Tamil Nadu, Uttar Pradesh and West Bengal. These States together accounted for nearly 94.7% of India's population in 2001.

2.3.8 **Household type**: The household type, based on the means of livelihood of a household, is decided on the basis of the sources of the household's income during the 365 days preceding the date of survey. For this purpose, only the household's income (net income and not gross income) from economic activities is to be considered; but the incomes of servants and paying guests are not to be taken into account. Rural households were classified into six types and urban households into four types on the basis of the occupations pursued by the household members.

2.3.8.1 The six types of rural households are:

(a) self-employed in agriculture,
(b) self-employed in non-agriculture,
(c) regular wage/salary earning,
(d) casual labour in agriculture,
(e) casual labour in non-agriculture, and
(f) others

2.3.8.2 The broad household types in rural areas used in this round are self-employed, regular wage/salary earning, casual labour and others. A household which did not have any income from economic activities was classified under others. Within each of the broad

category of self-employed and casual labour two specific household types were distinguished, depending on their major income from agricultural activities (sections A of NIC-2008) and non-agricultural activities (rest of the NIC-2008 sections, excluding section A). The specific household types for self-employed are: self-employed in agriculture and self-employed in non-agriculture. For casual labour, the specific household types are: casual labour in agriculture and casual labour in non-agriculture. In the determination of the household type in the rural areas, first the household's income from economic activities was considered. Rural household was first categorized as 'self-employed', 'regular wage/salary earning' or 'casual labour' depending on the single major source of its income from economic activities during last 365 days. Further, for those households which were categorized either as self-employed or casual labour, specific household types (self-employed in agriculture or self-employed in non-agriculture and casual labour in agriculture or casual labour in non-agriculture) were assigned depending on the single major source of income from agricultural or non-agricultural activities.

2.3.8.3 The four types of urban households are:

(a) self-employed,
(b) regular wage/salary earning,
(c) casual labour, and
(d) others

2.3.8.4 For urban areas the different urban types correspond to four sources of household income, unlike the rural sector where six sources are considered. A household was classified as 'self-employed', 'regular wage or salary earning', or 'casual labour', according to the major sources of its income from 'gainful employment' during the 365 days preceding the date of survey. A household not having any income from gainful employment was classified under 'others'.

2.3.9 **Social Group:** There are four social groups, namely,

(a) Scheduled Castes (SC),
(b) Scheduled Tribes (ST),
(c) Other Backward Classes (OBC), and
(d) Others

2.3.10 Those who did not come under any one of the first three social groups were classified as 'Others'. In case different members of a household belonged to different social groups, the group to which the head of the household belonged was considered as the 'social group' of the household.

2.3.11 **Primary source of energy for cooking:** For a household, this is the major source of energy used for cooking during the 30 days preceding the date of enquiry. The classification of sources is given below:

(a) coke, coal,
(b) firewood and chips,
(c) LPG,
(d) gobar gas,
(e) dung cake,
(f) charcoal,
(g) kerosene,
(h) electricity,
(i) others,
(j) no cooking arrangement

2.3.12 **Primary source of energy for lighting**: For a household, this is the major source of energy used for lighting during the 30 days preceding the date of enquiry. The classification of sources is given below:

(a) kerosene,
(b) other oil,
(c) gas,
(d) candle,
(e) electricity,
(f) others, and
(k) no lighting arrangement

2.3.13 The report gives information only on the *major* source of energy used by the households for cooking and the *major* source of energy used by the households for lighting. Other sources of energy used for cooking and lighting are not included in the tabulated figures.

Chapter Three

Main findings: Energy for Cooking

3.0 Contents of the present chapter

3.0.1 This chapter presents the survey estimates of per 1000 distribution of households by primary source of energy used for cooking separately for rural and urban households under four major heads, viz., (a) major States; (b) fractile classes of MPCE; (c) household types; and (d) social groups.

3.1 Inter-State variation

3.1.1 Statements 1R and 1U present per 1000 distribution of households by primary source of energy for cooking for the major States, using a sevenfold classification including 'no arrangement' of energy sources (some less important sources being clubbed as 'other sources'). Table 1 of Appendix A gives, for each State and UT, the per 1000 distribution of households by primary source of energy for cooking.

3.1.2 The rural households mostly used firewood & chips as primary source of energy for cooking. At all India level, firewood & chips were used by more than two-third (67.3%) of rural households, followed by LPG, which was used by 15.0% households. Only 9.6% and 1.1% of the rural households used dung cake and coke & coal, respectively as primary source. The remaining 4.9% households used *other sources,* i.e. *gobar gas, charcoal, electricity and others.* 1.3% rural households did not have any arrangement for cooking.

3.1.3 In the urban areas, most of the households used LPG as primary source of energy for cooking. LPG was used by 68.4% of the urban households at all-India level, followed by firewood and chips, used by 14.0 % households. 5.7% of the households used kerosene, 2.1% of households used coke & coal and only 1.3% of the urban households used dung cake as primary source for cooking. The remaining 1.5% households used *other sources*. Noticeably, 6.9% of urban households did not have any arrangement for cooking.

3.1.4 Fig. 1R and Fig. 1U show, respectively, the percentage distribution of rural and urban households by primary source of energy used for cooking.

3.1.5 Per 1000 distribution of rural households by primary source of energy used for cooking for major States and all-India are given in Statement 1R. Notable aspects revealed by this statement of the inter-State variation of this distributional pattern include the following:

Fig.1R: Percentage distribution of households by primary source of energy used for cooking: rural India,2011-12

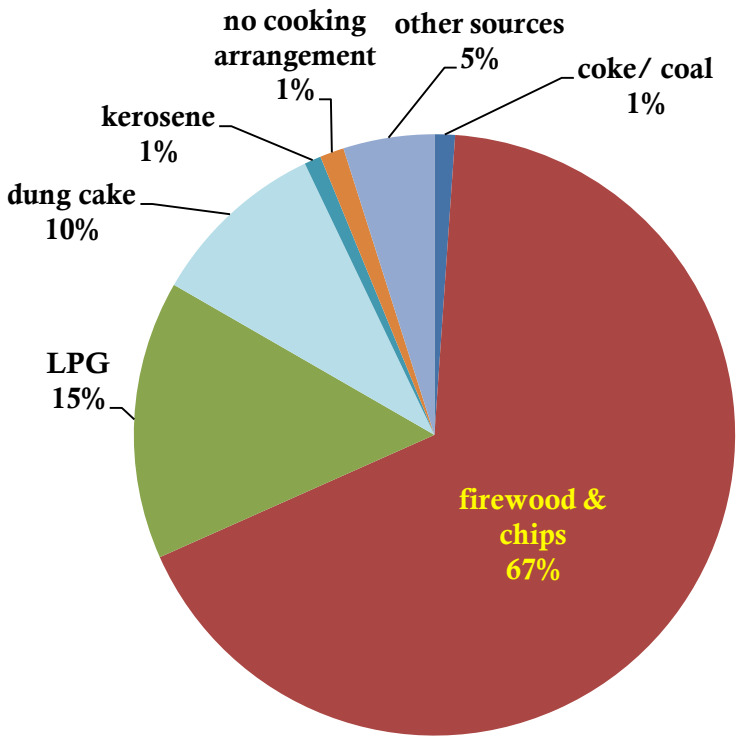
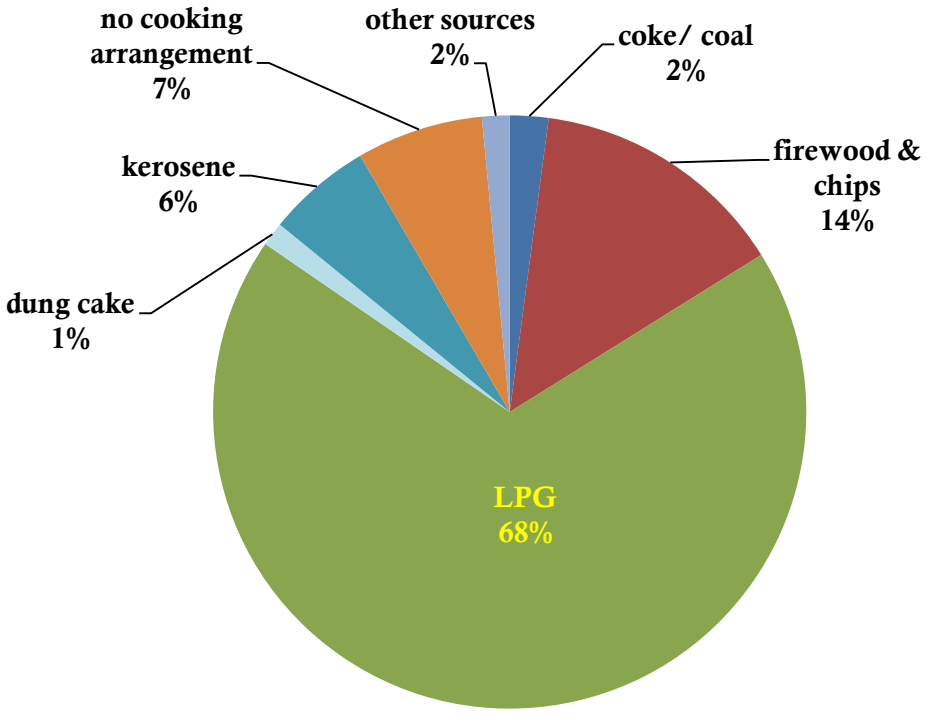


Fig. 1U: Percentage distribution of households by primary source of energy used for cooking: urban India, 2011-12



- In rural areas, the percentage of households depending on firewood & chips for cooking exceeded 56.0% in all major states except Punjab and Haryana. In Chhattisgarh 93.2% of the households used firewood & chips for cooking, which is the highest among all major States, followed by Rajasthan (89.3%) and Odisha (87.0%).
- Dung cake was one of the major fuels for cooking for 33.4% of rural households in Uttar Pradesh, 30.3% in Punjab, 24.4% in Haryana, 20.8% in Bihar and 10.6% in Madhya Pradesh.
- Compared to other states, incidence of use of LPG for cooking in households was much higher for Tamil Nadu (37.2%), Kerala (30.8%) and Punjab (30.5%) . However, for Punjab, incidence of LPG use was almost at par with firewood & chips (30.5%) and dung cake(30.3%). Use of LPG in households was least in Chhattisgarh (1.5%) preceded by Jharkhand (2.9%) and Odisha (3.9%).
- Use of coke & coal as primary source of energy for cooking was evidently reported in rural Jharkhand (14.3%) and rural West Bengal (6.5%).
- Maharasthra (3.8%) and Andhra Pradesh (2.7%) are top two states reporting 'no cooking arrangement'.

Statement 1R: Per 1000 distribution of rural households in each major State by primary source of energy used for cooking

State	per 1000 number of households using							
	coke, coal	firewood & chips	LPG	dung cake	kero-sene	other sources#	no cooking arrangement	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	2	675	289	2	2	3	27	1000
Assam	1	810	172	0	3	5	9	1000
Bihar	6	564	59	208	5	157	1	1000
Chhattisgarh	9	932	15	31	2	5	6	1000
Gujarat	0	797	139	9	35	7	12	1000
Haryana	0	417	267	244	12	58	3	1000
Jharkhand	143	777	29	29	3	2	16	1000
Karnataka	0	805	147	0	20	7	21	1000
Kerala	1	663	308	0	1	7	20	1000
Madhya Pradesh	2	808	62	106	5	7	8	1000
Maharashtra	0	621	231	2	10	97	38	1000
Odisha	9	870	39	18	2	56	6	1000
Punjab	0	305	305	303	27	42	19	1000
Rajasthan	0	893	89	6	7	4	1	1000
Tamil Nadu	0	583	372	0	25	2	18	1000
Uttar Pradesh	2	561	67	334	1	28	6	1000
West Bengal	65	629	66	53	5	175	6	1000
all-India	**11**	**673**	**150**	**96**	**9**	**49**	**13**	**1000**

** includes households not reporting primary source of energy for cooking*

 # includes gobar gas, charcoal, electricity, others

3.1.6 Statement 1U gives per 1000 distribution of urban households by primary source of energy used for cooking for major States and all-India. The notable features revealed by this statement of the inter-State variation of this distributional pattern are the following:

- Nearly 40% or more of the urban households used LPG as principal fuel for cooking in all the major States. It was highest in Haryana (86.5% households), followed by Andhra Pradesh (77.3%) and Punjab (75.4%). It is lowest in Chattisgarh (39.8%).
- Dependence on firewood & chips for cooking was highest in Odisha (36.5% households) closely followed by Kerala (36.3%) and Chattisgarh (34.7%).
- Compared to rural areas, use of kerosene as primary source of energy for cooking was more prevalent in urban areas, especially in Gujarat (10.5%), Maharashtra (10.1%) and Punjab (10.0%).
- Use of coke & coal as primary source of energy for cooking was markedly reported in Jharkhand (31.1%), West Bengal (13.5%) and Chhattisgarh (11.3%).
- At all-India level, 'No cooking arrangement' was reported by 6.9% of the urban households. The highest proportions of households of this category were seen in Karnataka (13.9%), Tamil Nadu (9.2%) and Andhra Pradesh (9.1%).

Statement 1U: Per 1000 distribution of urban households in each major State by primary source of energy used for cooking

State	per 1000 number of households using							
	coke, coal	firewood & chips	LPG	dung cake	kero-sene	other sources#	no cooking arrangement	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	1	101	773	0	27	7	91	1000
Assam	1	168	710	1	57	23	40	1000
Bihar	40	249	605	55	5	33	13	1000
Chhattisgarh	113	347	398	33	27	21	59	1000
Gujarat	9	159	620	3	105	57	47	1000
Haryana	0	60	865	31	14	5	25	1000
Jharkhand	311	56	539	5	12	9	68	1000
Karnataka	0	148	640	0	68	4	139	1000
Kerala	0	363	554	0	6	5	72	1000
Madhya Pradesh	8	257	652	18	36	2	27	1000
Maharashtra	2	57	745	0	101	15	80	1000
Odisha	38	365	435	2	48	27	85	1000
Punjab	1	67	754	32	100	7	38	1000
Rajasthan	5	187	716	2	20	0	70	1000
Tamil Nadu	0	112	709	0	85	2	92	1000
Uttar Pradesh	6	210	668	75	10	8	23	1000
West Bengal	135	107	565	6	87	15	84	1000
all-India	**21**	**140**	**684**	**13**	**57**	**15**	**69**	**1000**

** includes households not reporting primary source of energy for cooking*

 # includes gobar gas, charcoal, electricity, others

3.2 Temporal Variation

3.2.1 All-India and State-level results on distribution of households by primary source of energy for cooking are available from NSS consumer expenditure surveys for most of the years between 1986-87 and 2011-12. A temporal comparison of the results obtained from 1993-94 to 2011-12 shows that firewood & chips has, over this period, remained the dominant source of primary energy supply in rural areas but not in urban areas. Figure 2R and 2U depict the changes since 1993-94 in primary source of energy used for cooking in rural and urban India.

Statement 2: Distribution of households by primary source of energy used for cooking: all-India, 1993-94 to 2011-12

sources of energy for cooking	percentage of households with primary source of energy used for cooking									
	Rural					Urban				
	1993-94	1999-2000	2004-05	2009-10	2011-12	1993-94	1999-2000	2004-05	2009-10	2011-12
coke/ coal	1.4	1.5	0.8	0.8	1.1	5.7	4.1	2.8	2.3	2.1
firewood & chips	78.2	75.5	75	76.3	67.3	29.9	22.3	21.7	17.5	14.0
LPG	1.9	5.4	8.6	11.5	15.0	29.6	44.2	57.1	64.5	68.4
dung cake	11.5	10.6	9.1	6.3	9.6	2.4	2.1	1.7	1.3	1.3
kerosene	2.0	2.7	1.3	0.8	0.9	23.2	21.7	10.2	6.5	5.7
no cooking arrangement	0.7	1.1	1.3	1.6	1.3	6.3	4.3	4.9	6.5	6.9
other sources#	4.1	3.1	3.8	2.7	4.9	3.0	1.3	1.6	1.5	1.5
all*	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

** includes households not reporting primary source of energy for cooking*
 # includes gobar gas, charcoal, electricity, others

3.2.2 Statement 2 clearly indicates the continued dependence on firewood in rural areas, with percentage of households depending on firewood & chips remaining at 67.3% in 2011-12– a drop of 8.2 percentage points since 1999-2000 – even though the percentage using LPG has increased from about 5.4% to 15.0% over the same period. On the other hand, the incidence of dependence on firewood & chips for cooking in urban areas has fallen from about 22.3% to 14.0% between 1999-2000 and 2011-12 – a drop of 8.3 percentage points – and the incidence of dependence on kerosene has severely dropped from 21.7% to 5.7% during the same period – a 73.7% fall, while the urban households using LPG has increased by 54.8% from 44.2% to 68.4%. In other words, the growth in prevalence of use of LPG in urban areas has been almost balanced by a decline in the use of kerosene, in the first place, and firewood and chips, in the second. In rural areas, the rise in LPG use has been mainly due to reduction in use of firewood & chips over the years. In rural areas, use of coke & coal remained around 1% in all these years whereas there was a steady drop from 4.1% to 2.1% in urban areas.

3.2.3 The proportion of rural households having no cooking arrangement shows a steady increase from 0.7% in 1993-94 to 1.6% in 2009-10 but it is marginally decreased after that. In this respect there is no clear trend in urban areas, but the phenomenon of no cooking arrangement is seen to be considerably high.

Fig. 2R : Distribution of households by primary source of energy used for cooking: all-India(Rural), 1993-94 to 2011-12

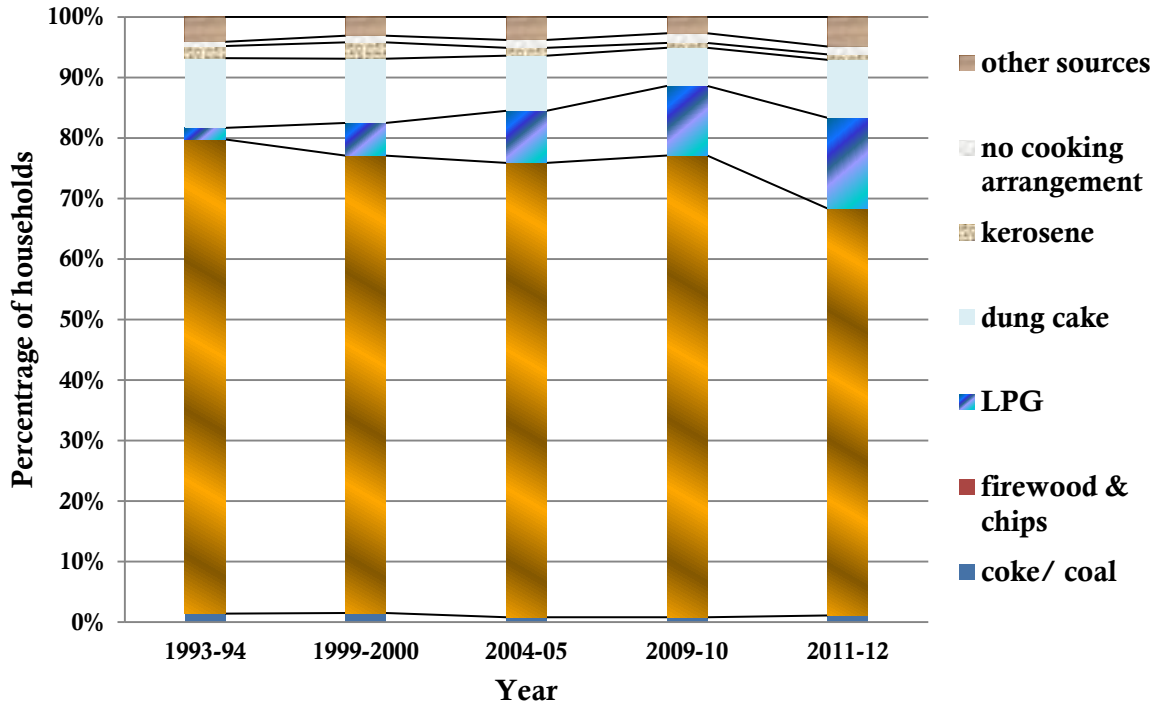
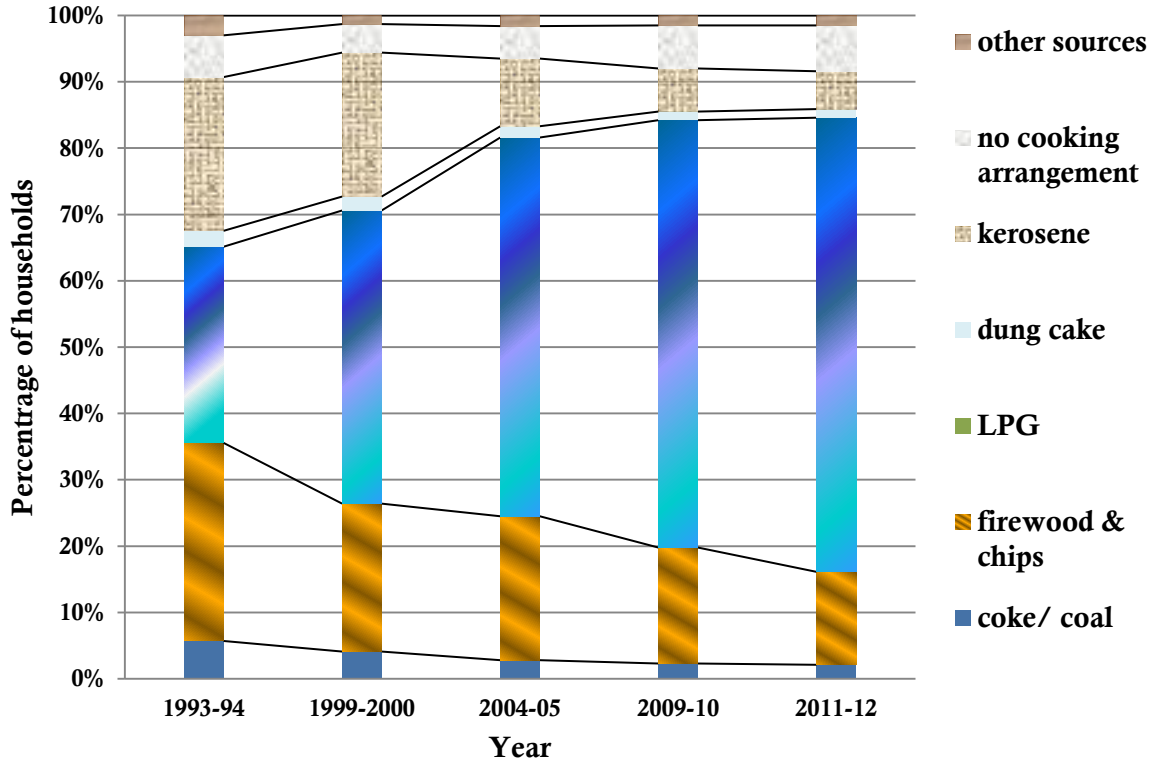


Fig. 2U : Distribution of households by primary source of energy used for cooking: all-India(Urban), 1993-94 to 2011-12



3.3 Variation with MPCE

3.3.1 Statement 3 reproduces the all-India results of per 1000 distribution of households by primary source of energy used for cooking, separately for each percentile class of MPCE, for rural and urban sector respectively. This distribution of households for individual States/UTs and also for all-India for is given in Table 1 of Appendix A.

3.3.2 Based on Statement 3, the pattern of variation across percentile classes may be summarized as follows:

- The percentage of rural households using firewood & chips is more than 70% for the lowest seven percentile classes. This percentage falls as MPCE level increases, falling appreciably below the all-classes rural average of 67.3% in the highest four percentile classes of MPCE placed in ascending order with percentage of households using firewood & chips as 65.7%, 59.4%, 45.5% and 33.7% respectively.
- In contrast, the percentage of rural households using LPG for cooking rises steadily with the increase in MPCE level, from 0.2% in the lowest fractile class of MPCE to 49.2% in the highest.
- For urban India, the percentage of households depending on firewood & chips for cooking falls at a rapid rate from 59.3% in the lowest fractile class and 49.2% in the second to only 1.2% in the eleventh fractile class and 0.7% in the twelfth.
- The percentage of urban households using LPG rises steadily from 17.3% in the lowest fractile class to 30.3% in the second, 44.6% in the third, 56.9% in the fourth, and 65.9% or more from the fifth onwards, reaching 81.5% in the eleventh fractile class with a considerable drop of 11.4 percentage points in the twelfth fractile class from the previous class for reasons not revealed by the survey.
- The percentage of households using dung cake as the primary source of energy for cooking shows a considerable inter-State variation. There is an overall tendency to decline in the percentage with the increase in MPCE level, the fall being sharper in the urban sector than in the rural. For the rural sector, this percentage varies between 5.1% and 10.9% and in the urban sector, it varies between none to 6.4%.
- Use of coke & coal as primary source of energy for cooking is about 1% except the lowest and two highest percentile classes in rural India whereas for urban, there was a steady fall from 7.8% in the lowest percentile class to none in the highest percentile class.
- The percentage of urban households having no cooking arrangement is as high as 25% in the top fractile class and about 10-12% in the next two fractile classes. In the rural sector, the percentage of such households is 8% in the top fractile class and 0.1-1.7% in all other classes.

Statement 3: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

All-India

percentile class of MPCE	per 1000 no. of households with primary source of energy for cooking							
	coke, coal	firewood & chips	LPG	dung cake	kerosene	other sources#	no cooking arrangement	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								Rural
0 – 5	4	810	2	109	7	58	10	1000
5 – 10	14	774	7	130	1	72	1	1000
10 – 20	15	761	15	132	2	69	6	1000
20 – 30	15	777	19	112	3	70	3	1000
30 – 40	15	753	45	120	5	60	1	1000
40 – 50	14	745	69	103	8	53	8	1000
50 – 60	10	728	98	94	5	58	7	1000
60 – 70	12	696	143	84	11	45	9	1000
70 – 80	10	657	190	83	13	38	10	1000
80 – 90	11	594	262	77	13	31	10	1000
90 – 95	8	455	398	88	12	21	17	1000
95 – 100	3	337	492	51	17	22	78	1000
all classes	**11**	**673**	**150**	**96**	**9**	49	**13**	**1000**
								Urban
0 – 5	78	593	173	64	38	19	35	1000
5 – 10	68	492	303	46	46	22	22	1000
10 – 20	58	353	446	35	68	11	29	1000
20 – 30	37	274	569	25	75	8	13	1000
30 – 40	31	199	659	17	66	7	20	1000
40 – 50	27	124	712	10	74	8	45	1000
50 – 60	18	101	774	9	56	8	35	1000
60 – 70	9	65	795	5	61	8	57	1000
70 – 80	6	29	806	3	72	17	66	1000
80 – 90	2	23	797	1	63	19	95	1000
90 – 95	1	12	815	1	24	27	121	1000
95 – 100	0	7	701	0	15	28	248	1000
all classes	**21**	**140**	**684**	**13**	**57**	15	**69**	**1000**

** includes households not reporting primary source of energy for cooking*

 # includes gobar gas, charcoal, electricity, others

3. 4 Variation across household types

3.4.1 Tables 2R & 2U of Appendix A give per 1000 distribution of households by primary source of energy used for cooking separately for each household (occupational) type for individual States/UTs and also all-India, for rural and urban sector, respectively. Statement 4R and Statement 4U present the all-India results. Different household types have been defined in Chapter Two, paragraph 2.3.8.

3.4.2 Based on Statement 4R, the pattern of variation across household types has the following notable features:

- Among the different household types in rural India, the incidence of use of firewood & chips was highest (80.4%) for casual labour in agriculture households, considerably higher than the all-types percentage of 67.3%. For the 'others' category of households, the incidence was as low as 48.9%.

- LPG was used for cooking mostly by regular wage/ salary earning households (44.5%) followed by self-employed in non-agriculture (24.5%) , 'others' category (22.0%) and by only 4.6% of casual labour in agriculture households.
- The use of dung cake was most common among households self-employed in agriculture (12.8%) and lowest among casual labour in agriculture (5.8%) preceded by regular wage/ salary earning (5.9%).
- Among the 'others' category of households, 14.1% had no cooking arrangement.
- Most of the households (80.4%) among the households classified as 'casual labour in agriculture' were found to be using the cheapest forms of energy for cooking as firewood & chips.

Statement 4R: Per 1000 distribution of rural households of different household types by primary source of energy used for cooking

household type	per 1000 number of households using							
	coke, coal	firewood & chips	LPG	dung cake	kerosene	other sources#	no cooking arrangement	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								Rural
self-empl. in agri.	8	706	108	128	3	47	0	1000
self-empl. in non-agri.	23	586	245	87	12	43	3	1000
regular wage/ salary earning	11	414	445	59	20	21	30	1000
casual labour in agriculture	6	804	46	58	7	79	1	1000
casual labour in non-agriculture	16	729	85	118	12	33	5	1000
others	10	489	220	83	13	44	141	1000
all	**11**	**673**	**150**	**96**	**9**	**49**	**13**	**1000**

 # includes gobar gas, charcoal, electricity
** includes households not reporting primary source of energy for cooking*

3.4.3 Statement 4U may suggest the following notable aspects of inter-household-type variation in all-India (urban):

- Percentage of households using LPG as primary energy source for cooking was highest among regular wage/salary earning (76.6%) followed by the self-employed (73.5%), '*others*' (56.9%), and then casual labour households (38.9%).
- Firewood & chips was the primary energy source for cooking for 41.2% of casual labour households. The corresponding percentages for remaining household types, varied between 6.6% and 15.2%.
- The incidence of use of kerosene for cooking was highest for the casual labour households (10.2%) , compared to the all-types incidence of 5.7%.

- As many as 30.6% of urban households of the 'others' category had no cooking arrangement.

Statement 4U: Per 1000 distribution of urban households of different household types by primary source of energy used for cooking

household type	per 1000 number of households using							
	coke, coal	firewood and chips	LPG	dung cake	kerosene	other sources#	no cooking arrangement	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								Urban
self-employed	24	152	735	21	45	14	9	1000
regular wage/ salary earning	17	66	766	3	62	16	69	1000
casual labour	42	412	389	27	102	10	18	1000
others	6	66	569	7	29	17	306	1000
all	**21**	**140**	**684**	**13**	**57**	**15**	**69**	**1000**

 # includes gobar gas, charcoal, electricity
** includes households not reporting primary source of energy for cooking*

3.5 Variation across social groups

3.5.1 Statement 5 presents the all-India results of rural and urban households in each State/UT and all-India by primary source of energy used for cooking separately for households of different social groups – Scheduled Tribes (ST), Scheduled Castes (SC), Other Backward Classes (OBC), and Others. .Table 3 of Appendix A gives these results for each State/UT and all-India.

3.5.2 In rural India the following features are noticeable:

- Firewood & chips were used by 87.0% of ST households, 69.8% of SC households and a lowest of 57.0% of households of the 'others' category.
- Use of LPG was seen in 5.3% of ST households, 8.9% of SC households, and a highest of 23.3% households of the 'others' category.
- Dung cake was used for cooking by about 8-12% of households of all social groups except Scheduled Tribes, among whom only 1.4% reported its use.
- Scheduled Tribes had the highest proportion (3.1%) of households with no cooking arrangement.

3.5.3 In case of urban India, the following features are observed:

- Use of LPG for cooking was relatively low among Scheduled Tribes (51.6%) and also among Scheduled Castes (56.8%) compared to the all-groups incidence of 68.4%. This use is highest among the households of 'others' social group (76.2%)

- The incidence of use of firewood & chips was higher than the all-groups average of 14.0% in all the groups except 'others'(6.5%) – 23.9% for ST, 23.0% for SC households and 17.7% for OBC.
- Kerosene was used by 8.5% of SC households and 7.0% of ST households and about 5% for all other social groups.
- 'No cooking arrangement' was noticeably high in ST households (12.4%) whereas households belonging to remaining social groups were close to all-India average (6.9%) of 'no cooking arrangement.'

Statement 5: Per 1000 distribution of households of each social group by primary source of energy used for cooking – rural & urban

social group	per 1000 number of households using							
	coke, coal	firewood and chips	LPG	dung cake	kerosene	other sources[#]	no cooking arrange-ment	all[*]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
								Rural
ST	11	870	53	14	5	16	31	1000
SC	11	698	89	122	11	60	9	1000
OBC	9	664	160	112	9	39	8	1000
Others	17	570	233	83	8	73	15	1000
all	**11**	**673**	**150**	**96**	**9**	**49**	**13**	**1000**
								Urban
ST	38	239	516	2	70	12	124	1000
SC	30	230	568	19	85	12	57	1000
OBC	17	177	660	19	53	8	66	1000
Others	22	65	762	6	52	22	71	1000
all	**21**	**140**	**684**	**13**	**57**	**15**	**69**	**1000**

[#] *includes gobar gas, charcoal, electricity*
** includes households not reporting primary source of energy for cooking*

Chapter Four

Main findings: Energy for Lighting

4.0 Contents of the present chapter

4.0.1 This chapter presents the break-up of rural and urban households by primary source of energy used for lighting, (a) separately for each major State; (b) separately for each fractile class of MPCE; (c) separately for each household type; and (d) separately for each social group.

4.1 Inter-State Variation

4.1.1. Statement 6 presents per 1000 distribution of households by primary source of energy used for lighting for the major States. In the statement, 'other sources' includes gas, candle and other oil. Table 4 (R & U) of Appendix A give this distribution for each State and UT.

Statement 6: Per 1000 distribution of rural and urban households in each major State by primary source of energy used for lighting

State	Rural				Urban			
	per 1000 number of households using				per 1000 number of households using			
	kerosene	electricity	other sources#	all*	kerosene	electricity	other sources#	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	21	976	3	1000	11	985	2	1000
Assam	433	553	4	1000	79	897	19	1000
Bihar	735	258	3	1000	172	812	4	1000
Chattisgarh	138	850	7	1000	36	931	28	1000
Gujarat	64	932	0	1000	52	940	7	1000
Haryana	15	951	28	1000	1	979	20	1000
Jharkhand	368	621	10	1000	26	964	2	1000
Karnataka	45	952	3	1000	12	986	1	1000
Kerala	33	962	4	1000	14	973	5	1000
Madhya Pradesh	152	845	2	1000	17	980	0	1000
Maharashtra	99	888	5	1000	8	989	1	1000
Odisha	323	676	1	1000	35	962	1	1000
Punjab	15	974	11	1000	5	984	8	1000
Rajasthan	216	777	7	1000	17	977	5	1000
Tamil Nadu	31	969	0	1000	10	988	0	1000
Uttar Pradesh	585	404	10	1000	108	881	9	1000
West Bengal	293	702	4	1000	50	945	2	1000
all-India	**265**	**727**	**5**	**1000**	**32**	**961**	**5**	**1000**

 # includes other oil, gas, candles

**includes households not reporting primary source of energy for lighting*

4.1.2 At the all-India level, 72.7% of rural households and 96.1% of urban households used electricity as primary source of energy for lighting. The remaining households, except for 0.5% in both rural and urban India, used kerosene.

4.1.3 In urban India, the proportion of households using kerosene as primary energy source for lighting was 3.2% or less in ten out of seventeen major states. The remaining seven states having higher percentages are arranged in descending order as Bihar (17.2%), Uttar Pradesh (10.8%), Assam (7.9%), Gujarat (5.2%), West Bengal (5.0%), Chattisgarh (3.6%) and Odisha (3.5%).

4.1.4 The proportion of urban households dependent on electricity for lighting was more than 90% in all major States except Assam (89.7%), Uttar Pradesh (88.1%) and Bihar (81.2%).

4.1.5 In rural India, where nearly three-fourth of all households used electricity and slightly more than one-fourth used kerosene, inter-state variation of the use of primary source of energy for lighting was much greater. The percentage of households using kerosene was as high as 73.5% in Bihar, 58.5% in Uttar Pradesh, 43.3% in Assam, 36.8% in Jharkhand, 32.3% in Odisha and 29.3% in West Bengal. It was, by contrast, as low as 1.5% in both Punjab and Haryana, 2.1% in Andhra Pradesh, 3.1% in Tamil Nadu, and 3.3% in Kerala.

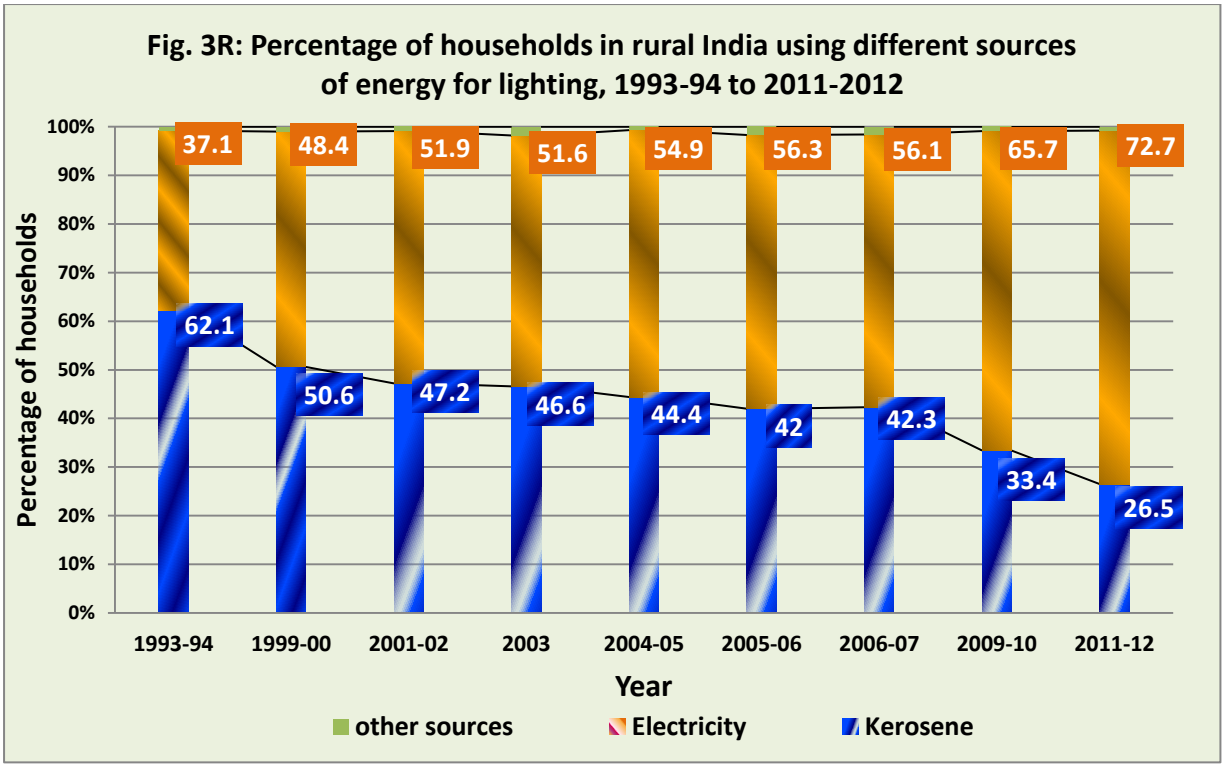
4.1.6 As most of the remaining households used electricity as primary source of energy, the proportion of rural households using electricity were very high in seven major states, namely, Andhra Pradesh (97.6%), Punjab (97.4%) , Tamil Nadu (96.9%) , Kerala (96.2%), Karnataka (95.2%), Haryana (95.1%) and Gujarat (93.2%). On the other hand, it is as low as 25.8% in Bihar and 40.4% in Uttar Pradesh.

4.1.7 The proportions of households reporting ‘other sources’ of fuel as primary energy source for lighting were 0.5% only, both in rural and urban India. For rural areas, this proportion was 2.8% in Haryana, 1.1% in Punjab and 1.0% or less in all other major States. In contrast, for urban areas, this proportion was 2.8% in Chhattisgarh, 2.0% in Haryana, 1.9% in Assam and 1.0% or less in all other major States.

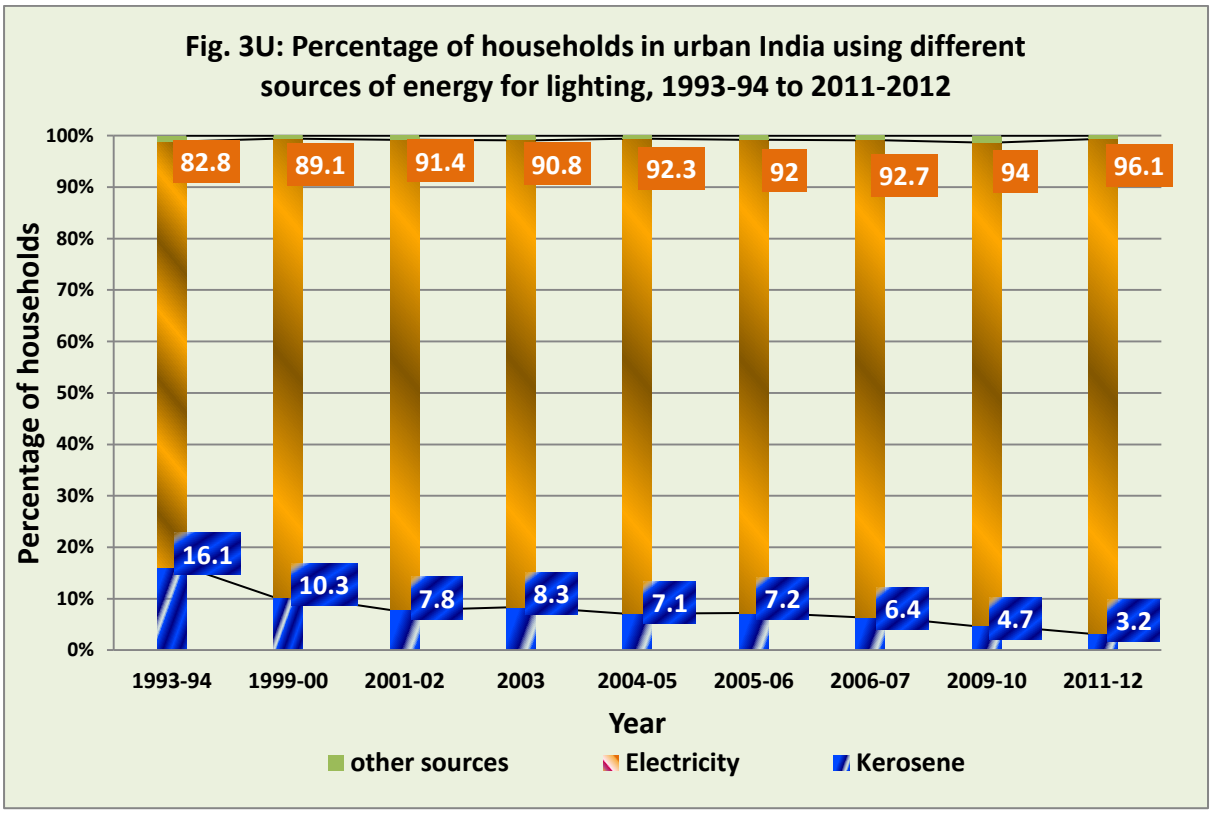
4.2 Temporal Variation

4.2.1 All-India and State-level results on distribution of households by primary source of energy for lighting are available from NSS consumer expenditure surveys for most of the years between 1986-87 and 2011-12. A temporal comparison of the results shows that electricity has been slowly replacing kerosene as the primary energy source for lighting in both rural and urban India during this period. Figures 3R and 3U depict the change since 1993-94 in use of electricity compared to kerosene for all-India rural and urban, respectively.

4.2.2 Figure 3R shows that in the year 1993-94 , 62.1% households in rural India were using kerosene as primary source of energy for lighting, which had dropped to 26.5% households in 2011-12. In contrast, use of electricity as primary source of energy for lighting has increased from 37.1% to 72.7% households over this period.



4.2.3 Fig. 3U presents the corresponding change in urban India since 1993-94. In urban areas, only 16% households at all-India level were using kerosene in 1993-94, the percentage having now declined to 3.2%. Here too, the substitution of kerosene by electricity was most rapid during 1993-94 to 1999-2000, but thereafter percentage of households using electricity for lighting never fall below 90%.



4.3 Variation with MPCE

4.3.1 Table 4 (R & U) of Appendix A presents the distribution of rural and urban households by primary source of energy used for lighting, separately for households in twelve fractile classes of MPCE in each State/UT and all-India. Statement 7 shows the variation in the distribution of households by primary fuel for lighting across MPCE classes at all-India level, separately for rural and urban sectors.

4.3.2 The proportion of households using kerosene for lighting is seen to fall monotonically with increase in MPCE from 57.1% for the lowest fractile class (constituting the lowest 5% of the population) to 3.7% for the top fractile class in rural India and from 20.7% to none in urban India. On the other hand, the proportion using electricity is seen to rise from 41.8% in the lowest fractile class to 95.3% in the top fractile class in rural India and from 78.1% to 99.0% in urban India.

Statement 7: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

All-India

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						
	kerosene	other oil	gas	candle	electricity	others	all *
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
							Rural
0 – 5%	571	0	0	1	418	3	1000
5 – 10%	533	0	0	2	463	2	1000
10 – 20%	466	0	1	2	527	1	1000
20 – 30%	420	0	1	1	576	2	1000
30 – 40%	352	0	1	1	643	3	1000
40 – 50%	293	0	0	1	701	1	1000
50 – 60%	263	0	0	1	731	4	1000
60 – 70%	194	1	1	2	794	2	1000
70 – 80%	159	1	1	2	830	6	1000
80 – 90%	116	0	1	1	879	1	1000
90 – 95%	84	0	1	2	910	3	1000
95 – 100%	37	0	2	5	953	2	1000
all classes	**265**	**0**	**1**	**2**	**727**	**2**	**1000**
							Urban
0 – 5%	207	0	0	8	781	0	1000
5 – 10%	134	0	0	17	844	0	1000
10 – 20%	68	0	0	3	925	1	1000
20 – 30%	43	1	1	2	950	1	1000
30 – 40%	33	0	0	8	957	0	1000
40 – 50%	18	0	1	1	980	0	1000
50 – 60%	16	0	2	2	978	1	1000
60 – 70%	29	0	1	1	966	1	1000
70 – 80%	11	0	3	2	981	1	1000
80 – 90%	5	0	1	1	991	0	1000
90 – 95%	2	0	0	0	995	1	1000
95 – 100%	0	0	2	1	990	1	1000
all classes	**32**	**0**	**1**	**3**	**961**	**1**	**1000**

**includes households not reporting primary source of energy for lighting*

4.4 Variation across household types

4.4.1 Statement 8 shows the distribution of rural and urban households by primary source of energy used for lighting, separately for different occupational types of households at all-India level. Table 5 (R & U) of Appendix A presents the distribution of rural and urban households of different occupational types for each State/UT and all-India

Statement 8: Per 1000 distribution of rural and urban households by primary source of energy used for lighting for each household type

household type	per 1000 number of households using			
	kerosene	electricity	other sources#	all*
(1)	(2)	(3)	(4)	(5)
				Rural
self-empl. in agri.	281	712	5	1000
self-empl. in non-agri.	246	750	4	1000
regular wage/salary earning	84	909	5	1000
casual labour in agriculture	297	699	2	1000
casual labour in non-agriculture	323	667	9	1000
others	250	722	12	1000
all	**265**	**727**	**5**	**1000**
				Urban
self-employed	36	958	5	1000
regular wage/salary earning	18	978	4	1000
casual labour	77	913	8	1000
others	21	968	4	1000
all	**32**	**961**	**5**	**1000**

#*includes other oil, gas , candle*

**includes households not reporting primary source of energy for lighting*

4.4.2 In rural areas, the percentage of households using electricity was highest for the household type 'regular wage/salary earning' (90.9%), followed by the 'self-employed in non-agriculture' (75.0%), the 'others' category (72.2%), and 'self-employed in agriculture' (71.2%). The pattern for use of kerosene is somewhat different in the sense that highest user belong to households of casual labour in non-agriculture (32.3%) followed by casual labour in agriculture (29.7%), self-employed in agriculture (28.1%) and self-employed in non-agriculture (24.6%).

4.4.3 In urban areas, the percentage of households using electricity for lighting was highest (97.8%) for the regular wage/salary earning households, followed by the 'others' category (96.8%), the self-employed (95.8%), and the casual labour households (91.3%).

4.5 Variation over social groups

4.5.1 Table 6 of Appendix A presents the distribution of rural and urban households by primary source of energy used for lighting, separately for households belonging to different social groups. Statement 9 shows the variation over social groups at all-India level.

4.5.2 In rural areas, the percentage of households using electricity was highest for the social group 'Others' (80.1%), followed by the Other Backward Classes (72.1%), the Scheduled Tribes (71.1%) and the Scheduled Castes (66.8%). The reverse pattern was evident in case of kerosene.

Statement 9: Per 1000 distribution of households of each social group by primary source of energy used for lighting – rural and urban

social group	per 1000 number of households using			
	kerosene	electricity	others	all*
(1)	(2)	(3)	(4)	(5)
				Rural
ST	275	711	7	1000
SC	323	668	7	1000
OBC	273	721	4	1000
Others	194	801	3	1000
All	**265**	**727**	**5**	**1000**
				Urban
ST	45	945	6	1000
SC	53	939	6	1000
OBC	40	954	6	1000
Others	16	978	4	1000
All	**32**	**961**	**5**	**1000**

#includes other oil, gas, candle
**includes households not reporting primary source of energy for lighting*

4.5.3 In urban areas, the percentage of households using electricity for lighting was highest (97.8%) for the 'Others' category, followed by the Other Backward Classes (95.4%), the Scheduled Tribes (94.5%) and the Scheduled Castes (93.9%). The reverse pattern was shown by kerosene.

Appendix A

Detailed Tables

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Andhra Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	5	921	38	0	0	0	2	0	0	34	1000
5 – 10%	0	913	79	0	0	0	0	0	0	8	1000
10 – 20%	10	867	99	0	0	1	1	0	0	21	1000
20 – 30%	10	807	169	0	0	1	0	0	0	12	1000
30 – 40%	0	734	219	0	0	0	1	0	18	28	1000
40 – 50%	0	789	183	0	0	0	3	0	0	25	1000
50 – 60%	2	665	308	0	0	0	2	0	0	24	1000
60 – 70%	0	642	335	1	15	0	6	0	0	2	1000
70 – 80%	0	631	331	0	0	0	0	0	0	38	1000
80 – 90%	0	523	468	0	0	0	1	0	0	8	1000
90 – 95%	1	444	525	1	0	0	0	0	5	25	1000
95 – 100%	0	293	562	2	0	11	14	2	0	115	1000
all classes	**2**	**675**	**289**	**0**	**2**	**1**	**2**	**0**	**2**	**27**	**1000**
av. MPCE (Rs.)	1163.70	1561.76	2175.62	4901.31	1711.98	3250.51	1999.32	9239.47	1623.93	2354.12	1753.96
estd. no. of hhs (00)	343	102255	43844	45	237	137	356	20	294	4024	151556
no. of sample hhs	7	2306	1550	6	3	6	15	1	2	29	3925
											Urban
0 – 5%	14	478	338	0	0	15	11	0	0	144	1000
5 – 10%	0	285	561	0	0	0	62	0	0	91	1000
10 – 20%	3	329	609	0	0	0	28	0	0	30	1000
20 – 30%	0	184	771	0	0	0	31	2	0	12	1000
30 – 40%	0	95	767	0	0	0	68	5	0	65	1000
40 – 50%	6	111	845	0	0	3	7	2	0	25	1000
50 – 60%	0	42	871	0	0	0	33	0	0	55	1000
60 – 70%	0	33	890	0	0	0	30	9	0	38	1000
70 – 80%	0	7	765	0	0	0	38	7	0	184	1000
80 – 90%	0	5	794	0	0	3	7	2	0	189	1000
90 – 95%	0	4	865	0	0	0	0	12	0	119	1000
95 – 100%	0	1	849	0	0	0	5	37	0	108	1000
all classes	**1**	**101**	**773**	**0**	**0**	**1**	**27**	**6**	**0**	**91**	**1000**
av. MPCE (Rs.)	1496.97	1410.43	2840.18	0	0	1574.61	2134.56	4095.22	0	3601.76	2685.09
estd. no. of hhs (00)	107	7641	58390	0	0	90	2013	488	0	6840	75569
no. of sample hhs	5	429	2283	0	0	3	93	19	0	139	2971

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Arunachal Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	992	8	0	0	0	0	0	0	0	1000
10 – 20%	31	861	85	0	17	0	0	6	0	0	1000
20 – 30%	0	776	224	0	0	0	0	0	0	0	1000
30 – 40%	0	654	310	0	0	0	36	0	0	0	1000
40 – 50%	0	874	122	0	0	0	0	0	0	5	1000
50 – 60%	0	723	265	0	0	0	0	0	0	12	1000
60 – 70%	0	760	231	0	0	0	7	0	2	0	1000
70 – 80%	0	590	387	0	0	0	20	0	0	2	1000
80 – 90%	0	430	503	0	0	0	0	0	0	68	1000
90 – 95%	0	284	604	0	0	0	5	4	0	104	1000
95 – 100%	0	231	737	0	0	0	32	0	0	0	1000
all classes	**3**	**654**	**314**	**0**	**1**	**0**	**9**	**1**	**0**	**18**	**1000**
av. MPCE (Rs.)	805.23	1454.86	2582.80	0	833.01	0	2544.78	1481.78	1772.55	3009.91	1781.74
estd. no. of hhs (00)	5	1182	567	0	3	0	16	1	0	32	1807
no. of sample hhs	2	724	318	0	1	0	13	2	1	5	1066
											Urban
0 – 5%	0	393	607	0	0	0	0	0	0	0	1000
5 – 10%	0	236	764	0	0	0	0	0	0	0	1000
10 – 20%	0	173	801	0	0	0	3	23	0	0	1000
20 – 30%	0	239	706	0	0	0	0	55	0	0	1000
30 – 40%	0	105	884	0	0	0	10	0	0	0	1000
40 – 50%	0	82	908	0	0	0	10	0	0	0	1000
50 – 60%	0	53	791	0	0	0	46	110	0	0	1000
60 – 70%	0	114	877	0	0	0	0	9	0	0	1000
70 – 80%	0	66	874	0	0	0	40	19	0	0	1000
80 – 90%	4	157	816	0	0	0	0	24	0	0	1000
90 – 95%	0	62	938	0	0	0	0	0	0	0	1000
95 – 100%	0	0	989	0	0	0	0	11	0	0	1000
all classes	**0**	**122**	**841**	**0**	**0**	**0**	**12**	**25**	**0**	**0**	**1000**
av. MPCE (Rs.)	4108.65	1828.38	2796.34	0	0	0	2236.71	2134.24	0	0	2654.17
estd. no. of hhs (00)	0	59	409	0	0	0	6	12	0	0	486
no. of sample hhs	1	76	508	0	0	0	8	15	0	0	608

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Assam

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	991	5	0	0	0	4	0	0	0	1000
5 – 10%	0	1000	0	0	0	0	0	0	0	0	1000
10 – 20%	0	953	35	0	0	0	0	0	12	0	1000
20 – 30%	0	946	36	16	0	0	2	0	0	0	1000
30 – 40%	0	945	53	0	0	0	2	0	0	0	1000
40 – 50%	0	915	76	0	0	0	9	0	0	0	1000
50 – 60%	0	845	146	7	0	0	0	0	2	0	1000
60 – 70%	0	835	137	0	0	0	2	0	0	26	1000
70 – 80%	0	737	253	7	0	0	2	0	0	0	1000
80 – 90%	0	681	273	7	0	0	7	0	0	32	1000
90 – 95%	15	563	382	2	0	0	0	0	0	38	1000
95 – 100%	0	394	603	0	0	4	0	0	0	0	1000
all classes	**1**	**810**	**172**	**4**	**0**	**0**	**3**	**0**	**1**	**9**	**1000**
av. MPCE (Rs.)	2070.05	1115.63	1704.29	1245.50	0	4702.03	1180.81	0	785.50	1578.83	1218.57
estd. no. of hhs (00)	51	40980	8709	197	0	13	131	0	64	448	50592
no. of sample hhs	1	1844	739	7	0	1	9	0	2	4	2607
											Urban
0 – 5%	0	672	304	0	0	0	13	0	0	12	1000
5 – 10%	0	495	245	0	4	0	133	0	0	122	1000
10 – 20%	0	552	304	0	4	0	135	0	0	6	1000
20 – 30%	0	259	659	0	4	0	23	0	0	56	1000
30 – 40%	12	58	831	0	0	0	99	0	0	0	1000
40 – 50%	0	132	844	0	0	0	0	0	0	24	1000
50 – 60%	0	184	784	0	0	0	10	0	1	21	1000
60 – 70%	0	85	772	0	0	0	139	0	0	4	1000
70 – 80%	3	35	818	0	0	0	41	0	4	99	1000
80 – 90%	0	0	855	0	0	0	89	0	0	55	1000
90 – 95%	0	0	904	0	0	0	0	0	0	96	1000
95 – 100%	0	40	645	0	0	0	0	0	315	0	1000
all classes	**1**	**168**	**710**	**0**	**1**	**0**	**57**	**0**	**23**	**40**	**1000**
av. MPCE (Rs.)	1640.42	1182.08	2301.09	0	1062.18	0	1607.13	0	7770.18	2540.19	2189.15
estd. no. of hhs (00)	10	1221	5173	0	6	0	417	0	166	294	7287
no. of sample hhs	2	150	606	0	3	0	29	0	8	34	832

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Bihar

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	1	477	0	0	364	0	19	0	139	0	1000
5 – 10%	0	586	1	0	267	0	0	0	145	0	1000
10 – 20%	1	495	5	0	236	0	15	0	248	0	1000
20 – 30%	4	608	2	0	208	0	0	0	178	0	1000
30 – 40%	8	549	8	0	245	0	2	0	188	0	1000
40 – 50%	1	557	30	0	267	0	0	0	145	0	1000
50 – 60%	0	648	16	0	190	0	0	0	146	0	1000
60 – 70%	2	612	45	0	154	0	26	0	161	0	1000
70 – 80%	0	577	54	0	210	0	0	0	159	0	1000
80 – 90%	0	569	91	0	185	0	4	0	151	0	1000
90 – 95%	30	554	160	0	182	0	2	0	72	0	1000
95 – 100%	37	457	301	0	99	0	0	1	95	10	1000
all classes	**6**	**564**	**59**	**0**	**208**	**0**	**5**	**0**	**157**	**1**	**1000**
av. MPCE (Rs.)	1613.45	1108.30	1744.26	0	1039.99	0	1018.25	2350.30	1051.67	2474.88	1126.75
estd. no. of hhs (00)	997	91385	9530	0	33772	0	870	13	25416	124	162107
no. of sample hhs	20	1681	427	0	756	0	14	1	407	4	3310
Urban											
0 – 5%	151	534	205	0	58	0	0	0	52	0	1000
5 – 10%	112	557	75	0	195	0	0	8	52	0	1000
10 – 20%	73	462	195	0	194	39	4	0	33	0	1000
20 – 30%	44	276	521	0	109	0	4	0	44	3	1000
30 – 40%	86	363	433	0	100	0	1	0	17	0	1000
40 – 50%	40	384	427	0	80	0	16	0	52	0	1000
50 – 60%	16	358	545	0	29	0	7	0	26	19	1000
60 – 70%	8	169	661	0	21	27	10	0	65	37	1000
70 – 80%	35	285	630	0	5	0	0	0	0	45	1000
80 – 90%	34	18	920	0	12	0	0	11	0	5	1000
90 – 95%	0	15	971	0	0	0	6	0	0	9	1000
95 – 100%	0	3	981	0	1	0	13	0	0	1	1000
all classes	**40**	**249**	**605**	**0**	**55**	**6**	**5**	**2**	**25**	**13**	**1000**
av. MPCE (Rs.)	964.22	1065.85	1841.91	0	922.73	940.88	1846.21	1800.61	1109.07	1834.75	1506.58
estd. no. of hhs (00)	711	4471	10867	0	985	107	96	29	444	235	17948
no. of sample hhs	55	338	733	0	80	2	8	2	38	13	1270

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Chhattisgarh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	949	0	0	35	0	0	3	0	13	1000
5 – 10%	0	871	0	0	129	0	0	0	0	0	1000
10 – 20%	3	944	0	2	51	0	0	0	0	0	1000
20 – 30%	10	963	0	0	27	0	0	0	0	0	1000
30 – 40%	0	957	0	0	31	0	1	0	0	10	1000
40 – 50%	8	937	0	0	45	0	1	0	0	9	1000
50 – 60%	13	961	0	0	26	0	0	0	0	0	1000
60 – 70%	32	941	0	0	27	0	0	0	0	0	1000
70 – 80%	0	934	0	0	33	0	0	0	33	0	1000
80 – 90%	16	938	30	0	5	0	4	6	0	0	1000
90 – 95%	13	960	20	0	0	0	7	0	0	0	1000
95 – 100%	1	736	174	14	5	0	17	0	0	54	1000
all classes	**9**	**932**	**15**	**1**	**31**	**0**	**2**	**1**	**3**	**6**	**1000**
av. MPCE (Rs.)	1071.43	999.67	3076.12	2946.48	816.90	0	1606.81	1291.87	1133.03	1572.41	1026.73
estd. no. of hhs (00)	355	36821	585	40	1237	0	85	30	134	227	39514
no. of sample hhs	10	1289	75	4	38	0	13	3	1	7	1440
											Urban
0 – 5%	5	612	116	0	257	0	0	0	0	10	1000
5 – 10%	0	716	11	0	238	0	28	0	0	7	1000
10 – 20%	89	788	72	0	18	0	0	0	0	32	1000
20 – 30%	293	539	99	8	37	0	0	0	24	0	1000
30 – 40%	187	527	149	0	52	0	63	0	0	22	1000
40 – 50%	187	417	264	0	0	0	18	1	32	80	1000
50 – 60%	104	347	472	0	25	0	21	0	0	31	1000
60 – 70%	270	145	429	0	0	13	55	1	35	53	1000
70 – 80%	34	189	607	0	2	1	49	46	0	73	1000
80 – 90%	28	98	761	0	0	0	38	18	0	56	1000
90 – 95%	1	51	906	0	0	0	13	0	0	29	1000
95 – 100%	0	58	619	0	0	0	3	36	0	284	1000
all classes	**113**	**347**	**398**	**1**	**33**	**1**	**27**	**10**	**9**	**59**	**1000**
av. MPCE (Rs.)	1336.92	1100.70	2611.86	1020.61	703.54	1962.01	1699.58	3043.90	1309.21	5141.23	1867.86
estd. no. of hhs (00)	1345	4124	4731	8	394	16	323	121	107	705	11874
no. of sample hhs	57	264	337	1	9	2	21	9	4	30	734

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Delhi

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	0	1000	0	0	0	0	0	0	0	1000
5 – 10%	0	0	1000	0	0	0	0	0	0	0	1000
10 – 20%	0	533	467	0	0	0	0	0	0	0	1000
20 – 30%	0	0	1000	0	0	0	0	0	0	0	1000
30 – 40%	0	0	1000	0	0	0	0	0	0	0	1000
40 – 50%	0	0	1000	0	0	0	0	0	0	0	1000
50 – 60%	0	0	1000	0	0	0	0	0	0	0	1000
60 – 70%	0	0	1000	0	0	0	0	0	0	0	1000
70 – 80%	0	0	534	0	0	0	0	0	0	466	1000
80 – 90%	0	0	1000	0	0	0	0	0	0	0	1000
90 – 95%	0	0	1000	0	0	0	0	0	0	0	1000
95 – 100%	0	0	1000	0	0	0	0	0	0	0	1000
all classes	**0**	**23**	**922**	**0**	**0**	**0**	**0**	**0**	**0**	**55**	**1000**
av. MPCE (Rs.)	0	1573.90	2779.79	0	0	0	0	0	0	3813.60	2762.11
estd. no. of hhs (00)	0	54	2201	0	0	0	0	0	0	132	2387
no. of sample hhs	0	2	59	0	0	0	0	0	0	2	63
Urban											
0 – 5%	0	54	765	0	0	0	146	0	32	3	1000
5 – 10%	0	39	961	0	0	0	0	0	0	0	1000
10 – 20%	0	6	950	0	0	0	44	0	0	0	1000
20 – 30%	21	2	933	0	0	0	0	18	16	10	1000
30 – 40%	0	2	971	0	0	0	26	0	0	2	1000
40 – 50%	0	6	981	0	0	0	5	0	0	7	1000
50 – 60%	0	8	950	0	0	0	0	0	0	42	1000
60 – 70%	0	3	810	0	0	0	13	11	37	126	1000
70 – 80%	0	2	848	0	0	3	32	3	6	107	1000
80 – 90%	0	1	751	0	0	0	0	0	113	134	1000
90 – 95%	0	0	766	0	0	0	0	0	186	49	1000
95 – 100%	0	0	604	0	0	0	0	0	186	210	1000
all classes	**2**	**6**	**856**	**0**	**0**	**0**	**17**	**3**	**46**	**71**	**1000**
av. MPCE (Rs.)	1821.36	1249.22	3171.72	0	0	4147.29	1539.86	3082.38	5960.30	5597.96	3298.47
estd. no. of hhs (00)	48	171	25228	0	0	10	491	95	1347	2096	29486
no. of sample hhs	1	23	710	0	0	1	16	3	43	85	882

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Goa

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	195	682	0	0	0	123	0	0	0	1000
5 – 10%	0	895	105	0	0	0	0	0	0	0	1000
10 – 20%	0	0	779	0	0	0	221	0	0	0	1000
20 – 30%	0	301	352	0	0	0	348	0	0	0	1000
30 – 40%	0	148	827	0	0	0	25	0	0	0	1000
40 – 50%	0	285	679	17	0	0	19	0	0	0	1000
50 – 60%	0	0	761	0	0	0	239	0	0	0	1000
60 – 70%	0	249	751	0	0	0	0	0	0	0	1000
70 – 80%	0	10	548	33	0	0	409	0	0	0	1000
80 – 90%	0	240	760	0	0	0	0	0	0	0	1000
90 – 95%	0	86	914	0	0	0	0	0	0	0	1000
95 – 100%	0	103	483	0	0	0	414	0	0	0	1000
all classes	**0**	**169**	**662**	**6**	**0**	**0**	**164**	**0**	**0**	**0**	**1000**
av. MPCE (Rs.)	0	2027.44	2522.26	2553.46	0	0	2223.95	0	0	0	2407.88
estd. no. of hhs (00)	0	272	1065	9	0	0	264	0	0	0	1610
no. of sample hhs	0	26	120	2	0	0	11	0	0	0	159
											Urban
0 – 5%	0	405	555	0	0	0	40	0	0	0	1000
5 – 10%	0	0	914	0	0	0	0	0	0	86	1000
10 – 20%	0	83	917	0	0	0	0	0	0	0	1000
20 – 30%	0	0	953	0	0	0	47	0	0	0	1000
30 – 40%	0	0	1000	0	0	0	0	0	0	0	1000
40 – 50%	0	136	864	0	0	0	0	0	0	0	1000
50 – 60%	0	0	945	0	0	0	19	0	0	37	1000
60 – 70%	0	0	963	0	0	0	37	0	0	0	1000
70 – 80%	0	0	933	0	0	0	67	0	0	0	1000
80 – 90%	0	0	987	0	0	0	13	0	0	0	1000
90 – 95%	0	0	875	0	0	0	125	0	0	0	1000
95 – 100%	0	0	682	0	0	0	0	0	0	318	1000
all classes	**0**	**33**	**903**	**0**	**0**	**0**	**26**	**0**	**0**	**38**	**1000**
av. MPCE (Rs.)	0	1661.33	3068.37	0	0	0	3013.37	0	0	6491.70	3051.19
estd. no. of hhs (00)	0	57	1543	0	0	0	44	0	0	65	1710
no. of sample hhs	0	10	262	0	0	0	11	0	0	5	288

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Gujarat

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	978	0	0	0	0	0	0	0	22	1000
5 – 10%	0	935	0	0	0	0	0	0	0	65	1000
10 – 20%	0	922	0	0	29	0	48	0	0	0	1000
20 – 30%	6	927	42	0	0	0	25	0	0	0	1000
30 – 40%	0	942	27	0	0	0	31	0	0	0	1000
40 – 50%	0	902	68	0	0	0	25	0	0	6	1000
50 – 60%	0	869	91	0	0	0	40	0	0	0	1000
60 – 70%	0	795	122	0	0	0	22	0	0	62	1000
70 – 80%	0	741	181	1	22	0	55	0	0	0	1000
80 – 90%	0	597	326	2	1	0	60	0	0	14	1000
90 – 95%	0	588	282	62	57	0	11	1	0	0	1000
95 – 100%	0	504	407	21	4	0	54	8	0	2	1000
all classes	**0**	**797**	**139**	**6**	**9**	**0**	**35**	**1**	**0**	**12**	**1000**
av. MPCE (Rs.)	1054.99	1402.44	2233.39	2889.61	1844.19	0	1634.88	3550.34	1758.59	1491.27	1535.66
estd. no. of hhs (00)	33	55037	9631	427	641	0	2419	38	2	832	69060
no. of sample hhs	1	1247	352	9	13	0	79	2	1	8	1712
											Urban
0 – 5%	0	587	293	0	0	0	102	0	0	19	1000
5 – 10%	0	223	419	0	0	0	265	0	7	86	1000
10 – 20%	9	290	539	0	0	0	162	0	1	0	1000
20 – 30%	69	294	500	0	20	0	96	0	16	6	1000
30 – 40%	0	310	627	0	0	0	37	0	19	8	1000
40 – 50%	7	292	584	0	7	0	44	0	55	10	1000
50 – 60%	12	181	593	0	0	0	38	0	64	112	1000
60 – 70%	6	23	754	0	2	0	79	0	28	108	1000
70 – 80%	0	34	612	0	0	0	178	0	112	64	1000
80 – 90%	0	26	620	2	0	0	218	0	97	37	1000
90 – 95%	0	11	816	0	0	0	57	0	100	16	1000
95 – 100%	0	2	832	0	0	0	2	0	105	60	1000
all classes	**9**	**159**	**620**	**0**	**3**	**0**	**105**	**0**	**57**	**47**	**1000**
av. MPCE (Rs.)	1704.85	1578.32	2791.29	4122.86	1759.21	0	2005.14	0	3362.16	3190.50	2581.28
estd. no. of hhs (00)	507	9184	35735	12	145	0	6069	0	3305	2710	57668
no. of sample hhs	6	246	1177	1	4	0	139	0	93	51	1717

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Haryana

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	281	84	0	214	0	0	0	422	0	1000
5 – 10%	0	540	170	0	239	0	35	0	16	0	1000
10 – 20%	0	521	97	0	318	0	9	1	54	0	1000
20 – 30%	0	463	212	0	216	0	87	0	23	0	1000
30 – 40%	0	595	125	0	226	0	7	0	47	0	1000
40 – 50%	0	498	141	0	272	0	0	0	53	36	1000
50 – 60%	0	479	234	0	213	0	7	0	67	0	1000
60 – 70%	0	370	283	0	305	0	0	0	42	0	1000
70 – 80%	0	390	276	0	306	0	0	15	14	0	1000
80 – 90%	0	403	349	0	200	0	7	0	41	0	1000
90 – 95%	0	218	538	0	226	0	0	0	18	0	1000
95 – 100%	0	190	607	0	154	0	0	0	50	0	1000
all classes	**0**	**417**	**267**	**0**	**244**	**0**	**12**	**2**	**56**	**3**	**1000**
av. MPCE (Rs.)	0	1989.55	2661.24	0	2117.20	0	1387.76	2577.61	1911.4	1825.34	2176.04
estd. no. of hhs (00)	0	14649	9371	0	8565	0	417	56	1975	121	35153
no. of sample hhs	0	627	346	0	376	0	9	3	61	1	1423
											Urban
0 – 5%	0	336	537	0	108	0	18	0	0	0	1000
5 – 10%	0	152	783	0	27	0	9	0	23	6	1000
10 – 20%	0	156	802	0	35	0	0	0	8	0	1000
20 – 30%	0	43	790	0	104	0	45	0	17	0	1000
30 – 40%	0	42	907	0	51	0	0	0	0	0	1000
40 – 50%	0	50	796	0	23	0	90	0	0	41	1000
50 – 60%	0	40	909	0	47	4	0	0	0	0	1000
60 – 70%	0	59	924	0	17	0	0	0	0	0	1000
70 – 80%	0	8	966	0	15	0	0	0	0	12	1000
80 – 90%	0	18	911	0	6	0	0	6	0	59	1000
90 – 95%	0	97	744	0	0	0	0	0	0	159	1000
95 – 100%	0	0	984	0	0	13	0	0	0	3	1000
all classes	**0**	**60**	**865**	**0**	**31**	**1**	**14**	**1**	**3**	**25**	**1000**
av. MPCE (Rs.)	0	2730.58	3970.67	0	2164.94	14434.76	2098.07	6554.72	1496.15	6176.50	3817.33
estd. no. of hhs (00)	0	1062	15398	0	551	23	242	15	53	449	17793
no. of sample hhs	0	93	997	0	39	2	14	1	4	16	1166

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Himachal Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	945	46	0	0	0	0	9	0	0	1000
5 – 10%	0	982	15	0	0	0	3	0	0	0	1000
10 – 20%	0	968	32	0	0	0	0	0	0	0	1000
20 – 30%	0	908	65	0	0	0	27	0	0	0	1000
30 – 40%	0	886	114	0	0	0	0	0	0	0	1000
40 – 50%	0	876	118	0	0	0	7	0	0	0	1000
50 – 60%	7	777	198	0	0	0	13	5	0	0	1000
60 – 70%	0	773	212	0	9	0	6	0	0	0	1000
70 – 80%	0	647	342	0	0	0	11	0	0	0	1000
80 – 90%	0	535	455	0	0	0	10	1	0	0	1000
90 – 95%	0	500	466	0	0	0	21	6	0	7	1000
95 – 100%	0	263	636	0	0	0	15	6	0	80	1000
all classes	**1**	**727**	**252**	**0**	**1**	**0**	**10**	**2**	**0**	**8**	**1000**
av. MPCE (Rs.)	1885.27	1772.67	2884.04	0	1907.77	0	2530.59	3069.21	0	7303.60	2034.15
estd. no. of hhs (00)	9	9624	3336	0	12	0	134	23	0	100	13237
no. of sample hhs	1	1174	456	0	1	0	15	5	0	5	1657
											Urban
0 – 5%	0	533	396	0	0	0	70	0	0	0	1000
5 – 10%	0	123	566	0	31	0	280	0	0	0	1000
10 – 20%	0	237	581	0	38	0	144	0	0	0	1000
20 – 30%	0	20	806	0	24	7	145	0	0	0	1000
30 – 40%	0	44	956	0	0	0	0	0	0	0	1000
40 – 50%	0	0	728	0	0	0	272	0	0	0	1000
50 – 60%	0	71	804	0	0	0	93	0	0	32	1000
60 – 70%	0	32	871	0	0	0	49	0	0	48	1000
70 – 80%	0	52	792	0	0	0	0	67	0	89	1000
80 – 90%	0	0	716	0	0	0	0	43	0	242	1000
90 – 95%	0	0	938	0	0	17	44	0	0	0	1000
95 – 100%	0	11	316	0	0	0	0	0	0	672	1000
all classes	**0**	**56**	**718**	**0**	**5**	**2**	**74**	**13**	**0**	**132**	**1000**
av. MPCE (Rs.)	0	2144.60	3234.04	0	1691.42	4874.54	2209.43	4801.25	0	7527.24	3258.54
estd. no. of hhs (00)	0	128	1628	0	12	4	168	29	0	300	2269
no. of sample hhs	0	42	284	0	4	2	23	4	0	24	383

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Jammu & Kashmir

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	983	1	0	0	0	5	11	0	0	1000
5 – 10%	0	920	9	0	0	0	69	2	0	0	1000
10 – 20%	0	865	85	0	17	0	32	2	0	0	1000
20 – 30%	0	817	125	0	24	0	34	0	0	0	1000
30 – 40%	0	763	167	0	31	0	39	0	0	0	1000
40 – 50%	0	677	248	0	48	0	1	26	0	0	1000
50 – 60%	0	679	255	0	36	1	21	9	0	0	1000
60 – 70%	0	687	260	0	11	0	8	20	0	14	1000
70 – 80%	0	715	272	0	0	0	13	0	0	0	1000
80 – 90%	0	557	377	0	29	0	22	3	11	0	1000
90 – 95%	0	440	478	0	31	4	11	13	20	3	1000
95 – 100%	0	246	694	0	0	0	26	5	0	29	1000
all classes	**0**	**678**	**265**	**0**	**21**	**0**	**22**	**8**	**3**	**4**	**1000**
av. MPCE (Rs.)	0	1542.61	2316.00	0	1647.61	2450.53	1565.88	1706.36	2730.38	2797.93	1742.64
estd. no. of hhs (00)	0	9775	3815	0	302	5	317	108	41	53	14417
no. of sample hhs	0	1293	619	0	32	2	62	17	2	5	2032
											Urban
0 – 5%	0	389	280	0	0	19	82	96	0	134	1000
5 – 10%	0	270	450	0	0	0	131	149	0	0	1000
10 – 20%	0	268	544	0	19	11	33	86	0	39	1000
20 – 30%	0	172	629	0	0	11	93	77	0	18	1000
30 – 40%	0	125	800	0	0	0	42	33	0	0	1000
40 – 50%	0	77	808	0	11	10	51	43	0	0	1000
50 – 60%	0	49	914	0	0	0	1	15	0	21	1000
60 – 70%	7	65	842	0	0	0	62	16	0	7	1000
70 – 80%	0	28	930	0	0	0	8	19	0	15	1000
80 – 90%	0	17	902	0	0	0	20	7	0	55	1000
90 – 95%	0	0	839	0	0	0	29	5	0	82	1000
95 – 100%	0	0	929	0	0	0	0	5	0	9	1000
all classes	**1**	**98**	**783**	**0**	**3**	**4**	**39**	**37**	**0**	**28**	**1000**
av. MPCE (Rs.)	2751.67	1399.83	2723.06	0	1534.21	1345.47	1676.82	1587.88	0	2721.35	2485.34
estd. no. of hhs (00)	3	464	3685	0	13	17	182	174	0	134	4708
no. of sample hhs	1	154	1041	0	2	5	61	73	0	15	1355

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Jharkhand

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	1	999	0	0	0	0	0	0	0	0	1000
5 – 10%	150	850	0	0	0	0	0	0	0	0	1000
10 – 20%	100	860	0	0	15	0	0	0	24	0	1000
20 – 30%	102	880	4	0	13	0	0	0	0	1	1000
30 – 40%	57	907	1	0	35	0	0	0	0	0	1000
40 – 50%	112	785	0	0	42	0	0	0	0	61	1000
50 – 60%	173	775	21	0	8	0	0	0	0	23	1000
60 – 70%	281	689	0	0	28	0	0	0	0	1	1000
70 – 80%	196	758	30	0	15	0	0	0	0	1	1000
80 – 90%	124	785	28	0	54	0	0	0	0	9	1000
90 – 95%	175	675	57	0	52	0	29	0	0	12	1000
95 – 100%	192	432	217	0	62	0	17	0	0	81	1000
all classes	**143**	**777**	**29**	**0**	**29**	**0**	**3**	**0**	**2**	**16**	**1000**
av. MPCE (Rs.)	1100.5	947.66	1942.51	0	1210.69	0	1732.39	0	693.28	1594.3	1005.55
estd. no. of hhs (00)	6432	34885	1281	0	1293	0	150	0	97	732	44869
no. of sample hhs	299	1291	91	0	53	0	4	0	1	18	1757
											Urban
0 – 5%	441	245	313	0	0	0	1	0	0	0	1000
5 – 10%	658	126	99	0	20	3	68	5	0	21	1000
10 – 20%	715	120	130	0	0	0	0	13	0	22	1000
20 – 30%	459	116	292	0	25	0	0	30	0	79	1000
30 – 40%	500	68	432	0	0	0	0	0	0	0	1000
40 – 50%	484	35	423	0	25	0	0	34	0	0	1000
50 – 60%	317	47	625	0	0	0	2	0	0	8	1000
60 – 70%	315	45	538	0	0	0	50	26	0	26	1000
70 – 80%	141	42	613	0	0	0	21	0	0	184	1000
80 – 90%	106	3	823	0	1	0	0	0	0	67	1000
90 – 95%	33	12	931	0	0	0	2	0	0	21	1000
95 – 100%	19	1	724	0	0	0	12	0	0	243	1000
all classes	**311**	**56**	**539**	**0**	**5**	**0**	**12**	**9**	**0**	**68**	**1000**
av. MPCE (Rs.)	1399.81	1213.28	2476.56	0	1190.86	787.29	2185.10	1390.82	0	3378.63	2018.29
estd. no. of hhs (00)	4146	741	7175	0	70	2	155	126	0	909	13323
no. of sample hhs	297	113	500	0	4	1	13	6	0	46	980

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Karnataka

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	996	4	0	0	0	0	0	0	0	1000
5 – 10%	0	999	0	0	0	0	1	0	0	0	1000
10 – 20%	0	950	4	38	0	0	0	0	0	8	1000
20 – 30%	0	975	21	3	0	0	1	0	0	0	1000
30 – 40%	0	960	27	0	0	0	13	0	0	0	1000
40 – 50%	0	922	65	0	0	0	13	0	0	0	1000
50 – 60%	0	806	132	1	0	0	33	0	0	28	1000
60 – 70%	0	839	147	4	0	0	10	0	0	0	1000
70 – 80%	0	773	152	3	0	0	50	0	0	22	1000
80 – 90%	0	656	259	21	0	0	39	0	0	25	1000
90 – 95%	0	555	410	7	0	0	13	0	0	15	1000
95 – 100%	0	323	489	8	0	0	31	0	0	149	1000
all classes	**0**	**805**	**147**	**7**	**0**	**0**	**20**	**0**	**0**	**21**	**1000**
av. MPCE (Rs.)	0	1377.12	2573.72	1645.17	0	0	1821.08	0	0	3270.37	1561.28
estd. no. of hhs (00)	0	65502	11925	599	0	0	1617	0	0	1681	81325
no. of sample hhs	0	1532	437	19	0	0	38	0	0	22	2048
											Urban
0 – 5%	0	763	115	0	0	0	18	0	0	105	1000
5 – 10%	0	649	260	7	0	0	23	0	0	61	1000
10 – 20%	0	404	284	0	0	0	167	0	0	144	1000
20 – 30%	0	300	570	0	0	0	103	0	0	28	1000
30 – 40%	0	259	619	7	0	0	111	0	0	3	1000
40 – 50%	0	125	771	0	0	0	66	8	0	30	1000
50 – 60%	0	46	751	0	0	0	139	1	0	64	1000
60 – 70%	0	27	859	0	0	0	88	2	0	25	1000
70 – 80%	0	17	844	0	0	0	48	3	0	88	1000
80 – 90%	0	25	895	0	0	0	26	6	0	48	1000
90 – 95%	0	7	748	0	0	0	0	4	0	241	1000
95 – 100%	0	0	340	0	0	0	4	9	0	648	1000
all classes	**0**	**148**	**640**	**1**	**0**	**0**	**68**	**3**	**0**	**139**	**1000**
av. MPCE (Rs.)	0	1279.02	3245.68	1267.43	0	0	2010.23	5511.15	0	9252.88	3025.52
estd. no. of hhs (00)	0	7733	33343	45	0	0	3563	167	0	7244	52095
no. of sample hhs	0	451	1326	2	0	0	131	15	0	123	2048

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Kerala

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	921	79	0	0	0	0	0	0	0	1000
5 – 10%	0	906	74	0	0	0	3	0	0	17	1000
10 – 20%	0	833	160	0	0	0	0	0	0	7	1000
20 – 30%	0	796	204	0	0	0	0	0	0	0	1000
30 – 40%	0	761	224	10	0	0	0	3	0	2	1000
40 – 50%	0	779	219	0	0	0	0	0	0	2	1000
50 – 60%	5	747	243	0	0	0	1	0	0	5	1000
60 – 70%	0	570	396	0	0	0	6	0	0	28	1000
70 – 80%	0	606	378	6	0	0	0	2	0	8	1000
80 – 90%	2	535	413	2	0	0	3	6	0	40	1000
90 – 95%	0	426	482	23	0	0	2	4	0	63	1000
95 – 100%	0	306	594	17	0	0	0	11	0	72	1000
all classes	**1**	**663**	**308**	**5**	**0**	**0**	**1**	**2**	**0**	**20**	**1000**
av. MPCE (Rs.)	2844.01	2179.92	3767.2	4717.94	0	0	2603.41	3713.96	0	4428.95	2668.73
estd. no. of hhs (00)	38	37733	17553	260	0	0	75	129	0	1138	56925
no. of sample hhs	2	1557	990	14	0	0	5	6	0	34	2608
Urban											
0 – 5%	0	638	316	0	0	0	10	0	0	37	1000
5 – 10%	0	692	303	0	0	0	0	0	0	5	1000
10 – 20%	0	694	306	0	0	0	0	0	0	0	1000
20 – 30%	0	676	324	0	0	0	0	0	0	0	1000
30 – 40%	0	515	474	0	0	0	0	0	0	11	1000
40 – 50%	0	444	467	0	0	0	8	0	0	82	1000
50 – 60%	0	340	612	0	0	0	7	0	0	41	1000
60 – 70%	0	383	586	0	0	0	0	0	0	31	1000
70 – 80%	0	180	718	0	0	0	14	0	4	85	1000
80 – 90%	0	158	655	0	0	0	17	24	4	141	1000
90 – 95%	0	114	704	0	0	0	3	0	0	179	1000
95 – 100%	1	27	795	0	0	0	0	9	0	167	1000
all classes	**0**	**363**	**554**	**0**	**0**	**0**	**6**	**4**	**1**	**72**	**1000**
av. MPCE (Rs.)	9945.32	2115.47	4278.62	0	0	0	2933.16	7412.97	4507.34	6122.00	3408.45
estd. no. of hhs (00)	2	7951	12148	0	0	0	132	90	22	1571	21916
no. of sample hhs	1	717	1035	0	0	0	11	3	2	85	1854

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Madhya Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	980	0	0	20	0	0	0	0	0	1000
5 – 10%	0	991	0	0	9	0	0	0	0	0	1000
10 – 20%	9	940	14	0	36	0	1	0	0	0	1000
20 – 30%	0	851	4	0	108	0	3	0	0	33	1000
30 – 40%	0	882	11	0	103	0	0	0	0	5	1000
40 – 50%	4	869	12	1	110	0	1	0	0	2	1000
50 – 60%	0	861	26	1	112	0	0	0	0	0	1000
60 – 70%	0	745	66	0	186	0	0	0	0	2	1000
70 – 80%	5	812	91	4	77	0	11	0	0	0	1000
80 – 90%	4	720	114	10	151	0	1	0	0	0	1000
90 – 95%	1	715	134	29	105	0	11	5	0	0	1000
95 – 100%	0	432	264	47	151	0	42	0	0	63	1000
all classes	**2**	**808**	**62**	**7**	**106**	**0**	**5**	**0**	**0**	**8**	**1000**
av. MPCE (Rs.)	957.31	1051.34	1894.44	2880.84	1258.32	0	2520.78	1892.03	0	4635.03	1152.39
estd. no. of hhs (00)	232	85038	6553	728	11186	0	571	34	0	892	105234
no. of sample hhs	5	2169	265	21	253	0	12	1	0	9	2735
											Urban
0 – 5%	30	668	154	0	49	0	38	0	0	61	1000
5 – 10%	31	727	198	0	23	0	21	0	0	0	1000
10 – 20%	3	539	320	0	54	0	47	17	0	20	1000
20 – 30%	19	547	369	0	6	0	48	0	2	9	1000
30 – 40%	10	354	551	0	27	0	42	0	0	17	1000
40 – 50%	0	318	608	0	38	0	22	0	0	13	1000
50 – 60%	2	175	707	0	12	0	71	0	0	33	1000
60 – 70%	5	182	693	0	10	0	72	3	0	34	1000
70 – 80%	9	131	802	0	17	0	8	2	0	30	1000
80 – 90%	6	28	914	0	0	0	29	0	0	23	1000
90 – 95%	0	16	955	0	0	0	29	0	0	1	1000
95 – 100%	0	10	907	0	0	0	3	0	0	75	1000
all classes	**8**	**257**	**652**	**0**	**18**	**0**	**36**	**2**	**0**	**27**	**1000**
av. MPCE (Rs.)	1202.23	1165.60	2474.80	0	1386.79	0	1509.68	1102.00	1030.71	4022.8	2058.02
estd. no. of hhs (00)	277	9497	24069	0	650	0	1330	67	6	996	36909
no. of sample hhs	23	557	1272	0	28	0	64	4	1	31	1981

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Maharashtra

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	897	9	0	0	0	0	0	87	6	1000
5 – 10%	0	764	71	0	0	0	0	0	125	40	1000
10 – 20%	0	765	77	4	13	0	9	0	132	0	1000
20 – 30%	0	715	102	0	0	0	15	0	102	67	1000
30 – 40%	0	714	147	0	0	0	5	0	135	0	1000
40 – 50%	0	681	161	15	6	0	4	0	118	15	1000
50 – 60%	4	669	152	12	0	0	7	0	95	61	1000
60 – 70%	0	564	276	2	0	2	15	0	125	16	1000
70 – 80%	0	664	257	9	1	0	13	0	55	0	1000
80 – 90%	0	519	394	9	0	0	4	0	58	16	1000
90 – 95%	0	384	543	1	2	0	25	0	45	0	1000
95 – 100%	0	224	479	1	0	0	17	0	28	250	1000
all classes	**0**	**621**	**231**	**5**	**2**	**0**	**10**	**0**	**92**	**38**	**1000**
av. MPCE (Rs.)	1402.67	1437.61	2084.32	1601.71	1360.47	1708.52	1664.10	0	1351.63	4334.02	1619.22
estd. no. of hhs (00)	53	83650	31133	723	252	26	1299	0	12407	5132	134674
no. of sample hhs	1	2173	1395	26	7	3	63	0	322	41	4031
											Urban
0 – 5%	1	456	399	0	0	0	102	0	40	2	1000
5 – 10%	10	253	609	0	0	0	106	0	6	15	1000
10 – 20%	4	150	674	0	0	0	161	0	0	10	1000
20 – 30%	0	106	690	0	0	0	147	0	5	52	1000
30 – 40%	0	55	807	0	0	0	100	0	0	38	1000
40 – 50%	5	19	847	0	0	0	96	1	3	30	1000
50 – 60%	3	28	819	0	0	0	114	0	4	33	1000
60 – 70%	3	8	827	0	0	0	104	0	0	58	1000
70 – 80%	0	11	785	0	0	1	112	0	21	70	1000
80 – 90%	0	2	779	0	0	0	86	8	24	101	1000
90 – 95%	0	0	755	0	0	0	56	1	22	166	1000
95 – 100%	0	0	614	0	0	0	26	8	38	314	1000
all classes	**2**	**57**	**745**	**0**	**0**	**0**	**101**	**2**	**13**	**80**	**1000**
av. MPCE (Rs.)	2241.34	1435.97	3323.95	0	0	3791.57	2288.66	4806.03	5294.85	6690.11	3189.14
estd. no. of hhs (00)	209	6729	87404	0	0	14	11820	208	1528	9448	117361
no. of sample hhs	10	362	3072	0	0	1	321	7	52	188	4013

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Manipur

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	891	109	0	0	0	0	0	0	0	1000
5 – 10%	0	907	81	0	12	0	0	0	0	0	1000
10 – 20%	2	847	151	0	0	0	0	0	0	0	1000
20 – 30%	0	644	340	0	0	16	0	0	0	0	1000
30 – 40%	0	677	323	0	0	0	0	0	0	0	1000
40 – 50%	0	724	274	0	0	2	0	0	0	0	1000
50 – 60%	0	578	422	0	0	0	0	0	0	0	1000
60 – 70%	0	683	312	0	0	2	0	0	0	3	1000
70 – 80%	0	592	408	0	0	0	0	0	0	0	1000
80 – 90%	1	567	409	0	0	20	0	0	0	3	1000
90 – 95%	0	328	634	0	0	0	38	0	0	0	1000
95 – 100%	0	208	614	0	0	1	0	0	0	177	1000
all classes	**0**	**635**	**346**	**0**	**1**	**4**	**2**	**0**	**0**	**12**	**1000**
av. MPCE (Rs.)	1261.98	1346.48	1765.59	0	831.21	1738.66	2381.55	0	0	2771.63	1501.89
estd. no. of hhs (00)	1	2113	1151	0	2	14	6	0	0	41	3329
no. of sample hhs	2	793	567	0	1	8	1	0	0	4	1376
											Urban
0 – 5%	0	523	284	0	19	174	0	0	0	0	1000
5 – 10%	0	579	313	0	0	107	0	0	0	0	1000
10 – 20%	8	407	458	0	0	119	9	0	0	0	1000
20 – 30%	0	307	622	0	0	71	0	0	0	0	1000
30 – 40%	0	387	585	0	0	29	0	0	0	0	1000
40 – 50%	0	360	616	0	0	24	0	0	0	0	1000
50 – 60%	0	303	652	0	0	45	0	0	0	0	1000
60 – 70%	0	270	645	0	0	65	0	20	0	0	1000
70 – 80%	0	161	787	0	0	28	7	0	0	17	1000
80 – 90%	0	168	829	0	0	3	0	0	0	0	1000
90 – 95%	0	120	844	0	0	30	0	6	0	0	1000
95 – 100%	0	69	792	0	0	56	83	0	0	0	1000
all classes	**1**	**285**	**647**	**0**	**1**	**54**	**8**	**2**	**0**	**2**	**1000**
av. MPCE (Rs.)	1050.71	1244.25	1621.28	0	713.91	1089.14	3241.24	1610.25	0	1529.03	1482.63
estd. no. of hhs (00)	1	368	834	0	1	70	10	3	0	2	1289
no. of sample hhs	1	322	786	0	1	63	6	3	0	2	1184

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Meghalaya

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	806	0	0	0	0	0	0	0	194	1000
10 – 20%	0	1000	0	0	0	0	0	0	0	0	1000
20 – 30%	0	1000	0	0	0	0	0	0	0	0	1000
30 – 40%	0	932	14	0	0	0	0	0	0	54	1000
40 – 50%	0	985	12	0	0	0	0	4	0	0	1000
50 – 60%	0	988	0	0	0	0	0	12	0	0	1000
60 – 70%	0	889	75	0	0	0	28	8	0	0	1000
70 – 80%	0	931	47	0	0	0	23	0	0	0	1000
80 – 90%	0	851	100	0	0	0	32	17	0	0	1000
90 – 95%	0	854	114	0	0	0	0	32	0	0	1000
95 – 100%	0	630	298	0	0	0	11	61	0	0	1000
all classes	**0**	**910**	**55**	**0**	**0**	**0**	**10**	**11**	**0**	**15**	**1000**
av. MPCE (Rs.)	0	1415.74	2295.30	0	0	0	1782.13	2022.78	0	1028.25	1474.78
estd. no. of hhs (00)	0	3766	227	0	0	0	40	44	0	62	4138
no. of sample hhs	0	759	76	0	0	0	5	13	0	3	856
Urban											
0 – 5%	0	529	174	0	80	30	45	143	0	0	1000
5 – 10%	0	825	40	0	0	0	8	127	0	0	1000
10 – 20%	0	441	256	0	0	54	150	73	0	26	1000
20 – 30%	0	148	537	0	0	45	84	169	0	16	1000
30 – 40%	0	103	657	0	0	95	63	82	0	0	1000
40 – 50%	0	69	732	0	0	120	79	0	0	0	1000
50 – 60%	0	53	851	0	0	0	58	38	0	0	1000
60 – 70%	0	71	877	0	0	4	34	13	0	0	1000
70 – 80%	0	107	759	0	0	0	68	66	0	0	1000
80 – 90%	0	49	702	0	0	13	41	51	0	144	1000
90 – 95%	0	60	805	0	0	0	20	114	0	0	1000
95 – 100%	0	16	574	0	0	0	18	155	0	237	1000
all classes	**0**	**141**	**640**	**0**	**3**	**31**	**57**	**80**	**0**	**48**	**1000**
av. MPCE (Rs.)	0	1576.53	2695.14	0	957.01	2046.12	1970.92	2435.67	0	4322.15	2435.66
estd. no. of hhs (00)	0	157	713	0	3	34	64	89	0	53	1114
no. of sample hhs	0	91	233	0	2	16	25	26	0	11	404

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Mizoram

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	829	171	0	0	0	0	0	0	0	1000
10 – 20%	0	961	39	0	0	0	0	0	0	0	1000
20 – 30%	0	934	43	0	0	0	23	0	0	0	1000
30 – 40%	0	648	352	0	0	0	0	0	0	0	1000
40 – 50%	0	789	201	0	0	0	9	0	0	0	1000
50 – 60%	0	480	502	0	0	0	18	0	0	0	1000
60 – 70%	0	363	637	0	0	0	0	0	0	0	1000
70 – 80%	0	480	509	0	0	0	11	0	0	0	1000
80 – 90%	0	422	578	0	0	0	0	0	0	0	1000
90 – 95%	0	280	699	0	0	0	21	0	0	0	1000
95 – 100%	0	103	897	0	0	0	0	0	0	0	1000
all classes	**0**	**602**	**391**	**0**	**0**	**0**	**7**	**0**	**0**	**0**	**1000**
av. MPCE (Rs.)	0	1333.25	2098.39	0	0	0	1612.77	0	0	0	1643.69
estd. no. of hhs (00)	0	656	426	0	0	0	8	0	0	0	1090
no. of sample hhs	0	281	353	0	0	0	6	0	0	0	640
											Urban
0 – 5%	0	407	581	0	0	0	12	0	0	0	1000
5 – 10%	0	159	820	0	0	0	13	8	0	0	1000
10 – 20%	0	153	834	0	0	7	6	0	0	0	1000
20 – 30%	0	74	912	0	0	0	14	0	0	0	1000
30 – 40%	0	34	966	0	0	0	0	0	0	0	1000
40 – 50%	0	33	967	0	0	0	0	0	0	0	1000
50 – 60%	0	24	976	0	0	0	0	0	0	0	1000
60 – 70%	0	0	985	0	0	0	15	0	0	0	1000
70 – 80%	0	0	1000	0	0	0	0	0	0	0	1000
80 – 90%	4	20	975	0	0	0	0	0	0	0	1000
90 – 95%	0	0	1000	0	0	0	0	0	0	0	1000
95 – 100%	0	0	1000	0	0	0	0	0	0	0	1000
all classes	**0**	**58**	**936**	**0**	**0**	**1**	**5**	**0**	**0**	**0**	**1000**
av. MPCE (Rs.)	3856.54	1495.90	2637.14	0	0	1566.92	1861.91	1242.82	0	0	2567.72
estd. no. of hhs (00)	0	54	863	0	0	1	4	0	0	0	923
no. of sample hhs	1	43	844	0	0	1	6	1	0	0	896

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Nagaland

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	456	544	0	0	0	0	0	0	0	1000
5 – 10%	0	757	243	0	0	0	0	0	0	0	1000
10 – 20%	0	756	244	0	0	0	0	0	0	0	1000
20 – 30%	0	627	373	0	0	0	0	0	0	0	1000
30 – 40%	0	553	447	0	0	0	0	0	0	0	1000
40 – 50%	0	425	575	0	0	0	0	0	0	0	1000
50 – 60%	0	548	452	0	0	0	0	0	0	0	1000
60 – 70%	0	447	553	0	0	0	0	0	0	0	1000
70 – 80%	0	314	686	0	0	0	0	0	0	0	1000
80 – 90%	0	350	650	0	0	0	0	0	0	0	1000
90 – 95%	0	131	869	0	0	0	0	0	0	0	1000
95 – 100%	0	109	891	0	0	0	0	0	0	0	1000
all classes	**0**	**466**	**534**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**
av. MPCE (Rs.)	0	1805.68	2270.90	0	0	0	0	0	0	0	2058.58
estd. no. of hhs (00)	0	674	774	0	0	0	0	0	0	0	1448
no. of sample hhs	0	222	450	0	0	0	0	0	0	0	672
Urban											
0 – 5%	0	447	553	0	0	0	0	0	0	0	1000
5 – 10%	0	190	810	0	0	0	0	0	0	0	1000
10 – 20%	0	261	739	0	0	0	0	0	0	0	1000
20 – 30%	0	323	647	0	0	0	30	0	0	0	1000
30 – 40%	0	118	882	0	0	0	0	0	0	0	1000
40 – 50%	0	140	860	0	0	0	0	0	0	0	1000
50 – 60%	0	84	916	0	0	0	0	0	0	0	1000
60 – 70%	0	88	912	0	0	0	0	0	0	0	1000
70 – 80%	0	42	958	0	0	0	0	0	0	0	1000
80 – 90%	0	56	944	0	0	0	0	0	0	0	1000
90 – 95%	0	130	870	0	0	0	0	0	0	0	1000
95 – 100%	0	0	1000	0	0	0	0	0	0	0	1000
all classes	**0**	**135**	**863**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**1000**
av. MPCE (Rs.)	0	1753.07	2382.00	0	0	0	1446.53	0	0	0	2284.43
estd. no. of hhs (00)	0	117	747	0	0	0	2	0	0	0	866
no. of sample hhs	0	78	273	0	0	0	1	0	0	0	352

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Odisha

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	940	7	0	27	0	0	0	0	26	1000
5 – 10%	0	963	0	0	0	0	0	0	37	0	1000
10 – 20%	0	893	0	0	12	0	0	0	72	22	1000
20 – 30%	0	928	0	3	16	0	1	0	52	0	1000
30 – 40%	9	918	4	0	19	0	0	0	46	4	1000
40 – 50%	4	856	8	0	54	0	0	0	77	0	1000
50 – 60%	11	900	4	0	19	0	0	0	66	0	1000
60 – 70%	5	918	9	0	6	0	0	0	62	0	1000
70 – 80%	13	870	8	10	23	0	3	0	72	0	1000
80 – 90%	18	873	49	7	14	1	6	0	32	0	1000
90 – 95%	16	781	147	0	4	0	3	10	38	2	1000
95 – 100%	24	568	315	2	12	12	8	17	12	29	1000
all classes	**9**	**870**	**39**	**2**	**18**	**1**	**2**	**2**	**51**	**6**	**1000**
av. MPCE (Rs.)	1250.99	959.29	1970.27	1250.43	914.11	1928.95	1671.47	2583.40	925.34	1213.29	1002.61
estd. no. of hhs (00)	666	66274	2978	177	1372	76	138	132	3897	432	76142
no. of sample hhs	26	2494	224	6	47	4	8	10	144	11	2974
											Urban
0 – 5%	9	862	0	0	0	3	0	1	43	81	1000
5 – 10%	4	772	27	0	3	1	11	0	0	181	1000
10 – 20%	51	867	12	0	0	3	1	28	40	0	1000
20 – 30%	101	620	112	0	2	7	35	49	50	25	1000
30 – 40%	55	566	199	0	8	0	145	0	13	14	1000
40 – 50%	43	453	256	0	0	5	238	0	5	0	1000
50 – 60%	27	312	564	0	0	10	30	34	0	23	1000
60 – 70%	30	414	380	0	0	2	35	9	0	130	1000
70 – 80%	83	110	670	0	10	5	20	3	0	99	1000
80 – 90%	2	78	755	0	0	0	3	25	0	138	1000
90 – 95%	5	7	789	0	0	0	12	0	0	186	1000
95 – 100%	0	1	811	0	0	0	18	0	0	170	1000
all classes	**38**	**365**	**435**	**0**	**2**	**3**	**48**	**14**	**10**	**85**	**1000**
av. MPCE (Rs.)	1376.89	1121.47	2843.09	0	1783.04	1448.47	1393.33	1255.25	934.27	3081.08	1940.61
estd. no. of hhs (00)	580	5562	6637	0	33	50	724	212	155	1289	15242
no. of sample hhs	33	420	448	0	4	13	40	15	10	69	1052

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Punjab

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	487	60	0	287	0	96	0	71	0	1000
5 – 10%	0	523	55	0	213	0	19	27	163	0	1000
10 – 20%	0	439	153	0	345	0	11	0	52	0	1000
20 – 30%	0	397	167	0	387	0	8	0	41	0	1000
30 – 40%	0	354	249	0	300	0	17	0	80	0	1000
40 – 50%	0	300	263	0	411	0	20	0	6	0	1000
50 – 60%	0	348	275	6	307	0	44	0	21	0	1000
60 – 70%	0	279	393	0	234	0	45	4	2	43	1000
70 – 80%	0	242	393	0	295	0	48	0	22	0	1000
80 – 90%	0	225	393	18	324	0	10	0	6	24	1000
90 – 95%	0	70	632	51	157	0	30	7	7	47	1000
95 – 100%	0	111	475	18	247	0	0	0	17	132	1000
all classes	**0**	**305**	**305**	**7**	**303**	**0**	**27**	**2**	**33**	**19**	**1000**
av. MPCE (Rs.)	0	1920.58	2884.59	4332.13	2240.68	0	1852.11	1791.22	1829.97	5146.52	2344.66
estd. no. of hhs (00)	0	10432	10410	225	10334	0	924	65	1137	635	34161
no. of sample hhs	0	454	570	20	428	0	26	3	45	6	1552
Urban											
0 – 5%	0	473	273	0	77	0	177	0	0	0	1000
5 – 10%	0	270	503	0	51	0	176	0	0	0	1000
10 – 20%	0	109	764	0	71	0	38	17	0	0	1000
20 – 30%	0	99	730	0	66	0	98	7	0	0	1000
30 – 40%	0	115	709	0	22	0	101	7	0	46	1000
40 – 50%	11	70	836	0	30	0	51	0	0	2	1000
50 – 60%	0	20	774	0	47	0	110	0	6	43	1000
60 – 70%	0	17	824	0	15	0	130	0	6	9	1000
70 – 80%	0	30	814	4	23	0	115	0	0	13	1000
80 – 90%	0	10	799	0	10	0	181	0	0	0	1000
90 – 95%	0	0	874	5	16	0	7	18	0	80	1000
95 – 100%	0	10	657	0	5	0	49	7	13	249	1000
all classes	**1**	**67**	**754**	**1**	**32**	**0**	**100**	**4**	**2**	**38**	**1000**
av. MPCE (Rs.)	2084.56	1428.55	2949.35	3775.66	2008.58	0	2216.87	2916.79	4674.20	6564.89	2794.02
estd. no. of hhs (00)	23	1519	17091	19	717	0	2274	100	54	853	22670
no. of sample hhs	1	125	1232	2	68	0	104	7	3	22	1566

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Rajasthan

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	980	0	0	20	0	0	0	0	0	1000
5 – 10%	0	978	15	0	6	0	0	1	0	0	1000
10 – 20%	0	961	12	0	20	0	8	0	0	0	1000
20 – 30%	0	980	18	0	0	0	2	0	1	0	1000
30 – 40%	0	976	22	0	2	0	0	0	0	0	1000
40 – 50%	0	932	66	0	0	0	1	0	0	0	1000
50 – 60%	0	905	66	0	6	0	23	0	0	0	1000
60 – 70%	0	919	77	0	1	0	0	2	1	0	1000
70 – 80%	0	861	89	0	6	0	12	0	31	0	1000
80 – 90%	0	846	127	0	14	0	11	0	2	0	1000
90 – 95%	0	744	240	0	0	1	14	0	0	0	1000
95 – 100%	0	656	323	0	5	0	3	0	0	13	1000
all classes	**0**	**893**	**89**	**0**	**6**	**0**	**7**	**0**	**4**	**1**	**1000**
av. MPCE (Rs.)	0	1540.03	2270.30	0	1349.48	2631.77	1559.27	1563.86	1889.47	4616.15	1597.5
estd. no. of hhs (00)	0	84382	8364	0	601	6	652	25	339	88	94456
no. of sample hhs	0	2217	318	0	19	1	13	3	4	4	2579
											Urban
0 – 5%	42	683	245	0	16	0	13	0	0	0	1000
5 – 10%	20	518	342	0	0	0	119	0	0	0	1000
10 – 20%	0	440	515	0	12	0	33	0	0	0	1000
20 – 30%	0	278	686	0	0	0	35	0	0	1	1000
30 – 40%	0	357	636	0	7	0	0	0	0	0	1000
40 – 50%	28	200	765	0	0	0	6	0	0	0	1000
50 – 60%	0	113	849	0	2	0	27	0	0	10	1000
60 – 70%	0	156	776	0	0	0	14	0	0	55	1000
70 – 80%	2	106	883	0	0	0	1	0	0	9	1000
80 – 90%	0	34	817	0	0	0	23	0	0	126	1000
90 – 95%	0	19	918	0	0	0	12	0	0	51	1000
95 – 100%	0	9	597	0	0	0	11	0	0	382	1000
all classes	**5**	**187**	**716**	**0**	**2**	**0**	**20**	**0**	**0**	**70**	**1000**
av. MPCE (Rs.)	1553.82	1498.82	2614.39	0	1231.43	0	1569.51	0	0	9943.22	2442.4
estd. no. of hhs (00)	148	5832	22378	0	66	0	623	0	0	2202	31248
no. of sample hhs	5	345	1116	0	5	0	35	0	0	46	1552

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Sikkim

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	510	490	0	0	0	0	0	0	0	1000
5 – 10%	0	665	335	0	0	0	0	0	0	0	1000
10 – 20%	0	687	313	0	0	0	0	0	0	0	1000
20 – 30%	8	472	520	0	0	0	0	0	0	0	1000
30 – 40%	0	436	564	0	0	0	0	0	0	0	1000
40 – 50%	0	629	325	46	0	0	0	0	0	0	1000
50 – 60%	0	530	470	0	0	0	0	0	0	0	1000
60 – 70%	0	256	744	0	0	0	0	0	0	0	1000
70 – 80%	0	376	553	0	0	0	39	0	0	32	1000
80 – 90%	0	346	554	0	0	0	5	0	0	95	1000
90 – 95%	0	175	819	0	0	0	0	0	0	6	1000
95 – 100%	0	44	848	0	0	0	6	0	0	102	1000
all classes	**1**	**404**	**560**	**4**	**0**	**0**	**6**	**0**	**0**	**26**	**1000**
av. MPCE (Rs.)	1186.56	1360.35	1720.32	1298.63	0	0	1830.44	0	0	2903.46	1564.91
estd. no. of hhs (00)	1	419	582	4	0	0	6	0	0	27	1038
no. of sample hhs	1	164	422	1	0	0	3	0	0	17	608
Urban											
0 – 5%	0	67	481	0	0	0	452	0	0	0	1000
5 – 10%	0	0	992	0	0	0	8	0	0	0	1000
10 – 20%	0	16	931	0	0	0	18	0	0	35	1000
20 – 30%	0	0	854	0	0	0	50	0	0	96	1000
30 – 40%	0	0	878	0	0	0	0	0	0	122	1000
40 – 50%	0	0	847	0	0	0	0	0	0	153	1000
50 – 60%	0	0	986	0	0	0	0	0	0	14	1000
60 – 70%	0	0	941	0	0	0	0	0	0	59	1000
70 – 80%	0	0	675	0	0	0	0	0	0	325	1000
80 – 90%	0	0	981	0	0	0	0	0	0	19	1000
90 – 95%	0	0	585	0	0	0	0	0	0	415	1000
95 – 100%	0	0	761	0	0	0	0	0	0	239	1000
all classes	**0**	**3**	**826**	**0**	**0**	**0**	**22**	**0**	**0**	**149**	**1000**
av. MPCE (Rs.)	0	1163.85	2593.28	0	0	0	1126.77	0	0	3665.38	2607.87
estd. no. of hhs (00)	0	1	260	0	0	0	7	0	0	47	315
no. of sample hhs	0	3	132	0	0	0	8	0	0	17	160

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Tamil Nadu

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	873	34	0	0	0	78	0	0	15	1000
5 – 10%	0	852	146	0	0	0	2	0	0	0	1000
10 – 20%	0	844	146	0	0	0	10	0	0	0	1000
20 – 30%	0	667	306	0	0	0	20	0	0	8	1000
30 – 40%	0	753	236	0	0	0	8	0	0	3	1000
40 – 50%	0	552	410	0	0	0	38	0	0	0	1000
50 – 60%	0	575	395	0	0	0	30	0	0	0	1000
60 – 70%	0	561	416	0	0	0	22	0	0	1	1000
70 – 80%	0	537	411	0	0	0	31	0	0	21	1000
80 – 90%	0	453	516	0	0	0	27	0	0	3	1000
90 – 95%	0	272	695	0	0	0	17	0	0	16	1000
95 – 100%	0	228	553	0	0	0	31	23	0	166	1000
all classes	**0**	**583**	**372**	**0**	**0**	**0**	**25**	**2**	**0**	**18**	**1000**
av. MPCE (Rs.)	0	1448.28	2035.64	0	0	0	1581.66	4391.02	0	4338.48	1692.93
estd. no. of hhs (00)	0	59421	37893	0	0	0	2555	171	0	1813	101853
no. of sample hhs	0	1619	1583	0	0	0	84	1	0	32	3319
											Urban
0 – 5%	0	470	343	0	0	0	134	0	0	53	1000
5 – 10%	0	319	503	0	0	0	144	0	0	35	1000
10 – 20%	0	262	649	0	0	0	73	0	0	15	1000
20 – 30%	0	207	678	0	0	0	75	0	0	40	1000
30 – 40%	0	138	694	0	0	0	122	0	0	46	1000
40 – 50%	0	80	767	0	0	0	103	0	0	50	1000
50 – 60%	0	88	721	0	0	0	120	0	0	72	1000
60 – 70%	0	36	813	0	0	0	89	1	0	61	1000
70 – 80%	0	21	806	0	0	0	92	3	0	79	1000
80 – 90%	0	33	772	0	0	0	52	9	0	135	1000
90 – 95%	0	13	711	0	0	0	24	0	0	252	1000
95 – 100%	0	15	675	0	0	0	18	7	0	285	1000
all classes	**0**	**112**	**709**	**0**	**0**	**0**	**85**	**2**	**0**	**92**	**1000**
av. MPCE (Rs.)	0	1599.87	2770.56	0	0	0	2079.93	6018.57	0	4417.66	2622.18
estd. no. of hhs (00)	0	9771	61761	0	0	0	7396	167	0	8003	87098
no. of sample hhs	0	479	2379	0	0	0	259	5	0	205	3327

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Tripura

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	965	35	0	0	0	0	0	0	0	1000
10 – 20%	0	1000	0	0	0	0	0	0	0	0	1000
20 – 30%	0	974	26	0	0	0	0	0	0	0	1000
30 – 40%	0	1000	0	0	0	0	0	0	0	0	1000
40 – 50%	0	997	3	0	0	0	0	0	0	0	1000
50 – 60%	0	956	38	0	0	0	0	0	0	6	1000
60 – 70%	0	990	9	0	0	0	1	0	0	0	1000
70 – 80%	0	910	89	0	0	0	1	0	0	0	1000
80 – 90%	0	829	104	0	0	0	22	0	0	45	1000
90 – 95%	0	854	119	27	0	0	0	0	0	0	1000
95 – 100%	0	535	429	0	0	0	36	0	0	0	1000
all classes	**0**	**925**	**63**	**2**	**0**	**0**	**5**	**0**	**0**	**5**	**1000**
av. MPCE (Rs.)	0	1268.87	2222.36	2154.87	0	0	2282.47	0	0	1816.09	1334.39
estd. no. of hhs (00)	0	6661	457	12	0	0	35	0	0	39	7204
no. of sample hhs	0	1155	148	1	0	0	4	0	0	4	1312
											Urban
0 – 5%	0	814	115	0	0	0	6	0	0	66	1000
5 – 10%	0	765	211	0	0	0	24	0	0	0	1000
10 – 20%	0	914	73	0	0	0	13	0	0	0	1000
20 – 30%	0	427	518	0	0	0	55	0	0	0	1000
30 – 40%	0	384	559	0	0	0	29	0	0	27	1000
40 – 50%	0	274	664	0	0	0	41	0	0	21	1000
50 – 60%	0	262	725	0	0	0	14	0	0	0	1000
60 – 70%	0	160	781	0	0	0	33	0	0	27	1000
70 – 80%	0	28	848	0	0	0	98	0	0	26	1000
80 – 90%	0	33	922	0	0	0	45	0	0	0	1000
90 – 95%	0	2	954	0	0	0	44	0	0	0	1000
95 – 100%	0	30	965	0	0	0	5	0	0	0	1000
all classes	**0**	**281**	**668**	**0**	**0**	**0**	**38**	**0**	**0**	**13**	**1000**
av. MPCE (Rs.)	0	1381.00	2531.94	0	0	0	2053.87	0	0	1819.16	2144.45
estd. no. of hhs (00)	0	435	1035	0	0	0	59	0	0	19	1548
no. of sample hhs	0	205	311	0	0	0	22	0	0	6	544

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Uttar Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	658	0	0	234	0	0	0	102	6	1000
5 – 10%	0	702	0	0	267	0	0	0	32	0	1000
10 – 20%	7	632	13	0	306	0	0	0	41	0	1000
20 – 30%	0	616	7	0	347	0	0	0	30	0	1000
30 – 40%	2	719	11	0	249	0	0	0	18	0	1000
40 – 50%	3	641	20	0	292	0	0	0	44	0	1000
50 – 60%	0	600	48	0	334	0	8	0	9	0	1000
60 – 70%	2	522	68	0	381	0	0	0	28	0	1000
70 – 80%	7	505	83	0	387	0	0	0	17	2	1000
80 – 90%	3	510	109	0	363	0	2	0	13	0	1000
90 – 95%	0	397	133	0	420	0	3	0	44	2	1000
95 – 100%	2	286	283	0	343	0	0	5	5	75	1000
all classes	**2**	**561**	**67**	**0**	**334**	**0**	**1**	**0**	**28**	**6**	**1000**
av. MPCE (Rs.)	1079.06	1045.70	1882.85	0	1195.15	0	1201.58	9846.38	989.16	4566.20	1156.03
estd. no. of hhs (00)	630	147920	17700	0	87989	0	321	108	7393	1664	263726
no. of sample hhs	9	3153	568	0	1984	0	6	1	178	16	5915
											Urban
0 – 5%	30	705	128	0	93	0	9	1	34	0	1000
5 – 10%	6	567	286	0	96	0	26	0	8	12	1000
10 – 20%	5	522	319	0	109	0	26	0	14	6	1000
20 – 30%	19	376	383	0	194	2	22	0	4	0	1000
30 – 40%	10	259	623	0	95	0	13	0	0	0	1000
40 – 50%	17	267	577	0	117	3	11	1	6	3	1000
50 – 60%	2	217	659	0	90	0	8	2	0	22	1000
60 – 70%	3	106	774	0	69	0	6	1	0	40	1000
70 – 80%	0	82	839	0	49	0	4	4	0	21	1000
80 – 90%	0	47	887	0	27	0	6	8	0	24	1000
90 – 95%	2	6	925	0	2	0	6	28	0	31	1000
95 – 100%	0	1	906	0	2	3	0	0	0	87	1000
all classes	**6**	**210**	**668**	**0**	**75**	**1**	**10**	**4**	**3**	**23**	**1000**
av. MPCE (Rs.)	1060.68	1074.77	2518.99	0	1251.97	2081.68	1279.33	2982.47	836.84	5323.69	2051.22
estd. no. of hhs (00)	500	16817	53450	0	5967	58	819	303	275	1813	80002
no. of sample hhs	27	795	1909	0	247	3	50	13	18	37	3099

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Uttarakhand

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	975	12	0	0	0	14	0	0	0	1000
10 – 20%	0	955	45	0	0	0	0	0	0	0	1000
20 – 30%	0	829	154	0	0	0	0	0	0	17	1000
30 – 40%	0	897	103	0	0	0	0	0	0	0	1000
40 – 50%	0	856	138	0	6	0	0	0	0	0	1000
50 – 60%	0	842	82	4	0	0	72	0	0	0	1000
60 – 70%	0	765	235	0	0	0	0	0	0	0	1000
70 – 80%	1	564	423	0	0	0	0	0	0	13	1000
80 – 90%	0	454	544	0	0	0	2	0	0	0	1000
90 – 95%	0	279	699	0	0	0	15	0	0	7	1000
95 – 100%	0	183	815	0	0	0	0	0	0	1	1000
all classes	**0**	**698**	**288**	**0**	**1**	**0**	**9**	**0**	**0**	**3**	**1000**
av. MPCE (Rs.)	1857.37	1434.04	2499.88	1522.26	1366.55	0	1530.76	0	0	1799.92	1725.77
estd. no. of hhs (00)	2	10951	4514	8	8	0	149	0	0	54	15685
no. of sample hhs	1	732	301	2	1	0	7	0	0	4	1048
Urban											
0 – 5%	0	905	57	0	0	0	39	0	0	0	1000
5 – 10%	0	430	494	0	53	0	24	0	0	0	1000
10 – 20%	0	477	391	0	15	0	69	0	0	48	1000
20 – 30%	0	424	444	0	23	0	10	0	0	99	1000
30 – 40%	0	195	801	0	0	0	4	0	0	0	1000
40 – 50%	0	59	925	0	0	0	16	0	0	0	1000
50 – 60%	0	48	906	0	0	0	5	0	0	41	1000
60 – 70%	0	86	901	0	0	0	12	0	0	0	1000
70 – 80%	0	3	922	0	0	0	16	0	0	58	1000
80 – 90%	0	9	982	0	0	0	8	0	0	1	1000
90 – 95%	0	0	971	0	0	0	15	0	0	13	1000
95 – 100%	0	0	938	0	0	0	0	0	0	62	1000
all classes	**0**	**161**	**788**	**0**	**5**	**0**	**16**	**0**	**0**	**31**	**1000**
av. MPCE (Rs.)	0	1183.63	2650.39	0	1092.13	0	1356.56	0	0	3065.40	2338.99
estd. no. of hhs (00)	0	907	4450	0	29	0	90	0	0	173	5648
no. of sample hhs	0	80	602	0	4	0	30	0	0	18	734

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

West Bengal

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	19	556	0	0	41	0	6	0	376	2	1000
5 – 10%	23	749	0	0	44	0	0	0	183	0	1000
10 – 20%	101	635	0	0	34	0	0	0	229	0	1000
20 – 30%	69	725	1	0	39	0	0	0	166	0	1000
30 – 40%	41	661	9	0	70	0	0	0	219	0	1000
40 – 50%	56	638	0	0	102	0	8	0	195	0	1000
50 – 60%	48	695	13	0	26	0	0	0	218	0	1000
60 – 70%	60	728	45	0	47	0	2	0	118	0	1000
70 – 80%	69	635	71	0	72	0	13	0	121	20	1000
80 – 90%	109	490	134	0	49	0	15	0	188	14	1000
90 – 95%	84	617	179	2	44	0	6	0	69	0	1000
95 – 100%	46	330	443	0	53	0	9	0	83	36	1000
all classes	**65**	**629**	**66**	**0**	**53**	**0**	**5**	**0**	**175**	**6**	**1000**
av. MPCE (Rs.)	1310.39	1217.66	2450.23	1944.85	1260.98	0	1544.19	0	1130.26	2221.21	1290.68
estd. no. of hhs (00)	9744	94209	9932	22	8006	0	763	0	26229	887	149793
no. of sample hhs	269	2148	438	3	185	0	16	0	498	9	3566
											Urban
0 – 5%	481	338	60	0	36	0	37	12	35	2	1000
5 – 10%	193	589	109	0	0	0	60	0	45	4	1000
10 – 20%	398	262	180	0	8	0	91	0	47	15	1000
20 – 30%	247	292	270	0	7	0	139	0	13	32	1000
30 – 40%	223	134	472	0	23	0	92	8	16	31	1000
40 – 50%	209	48	505	0	15	0	154	0	17	53	1000
50 – 60%	97	50	649	0	5	0	119	0	4	76	1000
60 – 70%	64	38	712	0	0	0	91	2	8	85	1000
70 – 80%	37	19	713	0	0	0	68	4	5	154	1000
80 – 90%	15	27	814	0	0	0	73	0	1	71	1000
90 – 95%	3	5	861	0	0	0	18	0	9	104	1000
95 – 100%	1	0	681	0	0	0	51	0	0	266	1000
all classes	**135**	**107**	**565**	**0**	**6**	**0**	**87**	**2**	**13**	**84**	**1000**
av. MPCE (Rs.)	1356.07	1251.95	3318.38	0	1357.26	0	2032.94	2004.47	1481.83	4499.26	2591.04
estd. no. of hhs (00)	8190	6493	34318	0	385	0	5307	115	777	5119	60705
no. of sample hhs	387	346	1617	0	16	0	201	4	36	139	2746

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

A & N Islands

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	**firewood and chips**	**LPG**	**gobar gas**	**dung cake**	**char-coal**	**kero-sene**	**elec-tricity**	**others**	**no cooking arrange-ment**	**all***
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	810	39	0	0	0	152	0	0	0	1000
10 – 20%	0	493	69	0	0	0	437	0	0	0	1000
20 – 30%	0	764	84	0	0	0	152	0	0	0	1000
30 – 40%	0	769	220	0	0	0	12	0	0	0	1000
40 – 50%	0	434	231	0	0	0	279	0	0	55	1000
50 – 60%	0	391	417	0	0	0	192	0	0	0	1000
60 – 70%	0	603	193	0	0	0	204	0	0	0	1000
70 – 80%	0	179	589	0	0	0	224	8	0	0	1000
80 – 90%	0	100	790	0	0	0	110	0	0	0	1000
90 – 95%	0	78	536	0	0	0	328	0	0	59	1000
95 – 100%	0	0	807	0	0	0	118	0	0	75	1000
all classes	**0**	**411**	**382**	**0**	**0**	**0**	**189**	**1**	**0**	**17**	**1000**
av. MPCE (Rs.)	0	1925.61	3711.03	0	0	0	2517.85	2871.09	0	6139.91	2711.62
estd. no. of hhs (00)	0	219	204	0	0	0	101	0	0	9	533
no. of sample hhs	0	108	120	0	0	0	43	1	0	6	278
											Urban
0 – 5%	0	304	295	0	0	0	359	0	0	43	1000
5 – 10%	0	57	159	0	0	0	582	0	0	202	1000
10 – 20%	0	119	539	0	0	0	342	0	0	0	1000
20 – 30%	0	0	637	0	0	0	343	0	0	21	1000
30 – 40%	0	0	721	0	0	0	279	0	0	0	1000
40 – 50%	0	0	638	0	0	0	270	0	0	93	1000
50 – 60%	0	0	895	0	0	0	105	0	0	0	1000
60 – 70%	0	0	859	0	0	0	141	0	0	0	1000
70 – 80%	0	0	748	0	0	0	244	0	0	8	1000
80 – 90%	0	0	816	0	0	0	103	0	0	80	1000
90 – 95%	0	0	817	0	0	0	10	0	0	173	1000
95 – 100%	0	0	924	0	0	0	0	0	76	0	1000
all classes	**0**	**22**	**713**	**0**	**0**	**0**	**215**	**0**	**5**	**46**	**1000**
av. MPCE (Rs.)	0	1961.66	5133.69	0	0	0	2978.06	0	15377.09	5280.48	4641.92
estd. no. of hhs (00)	0	8	253	0	0	0	76	0	2	16	355
no. of sample hhs	0	7	201	0	0	0	67	0	1	12	288

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Chandigarh

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	523	477	0	0	0	0	0	0	0	1000
5 – 10%	0	0	1000	0	0	0	0	0	0	0	1000
10 – 20%	0	0	862	0	138	0	0	0	0	0	1000
20 – 30%	0	0	1000	0	0	0	0	0	0	0	1000
30 – 40%	0	0	846	0	0	0	154	0	0	0	1000
40 – 50%	0	0	27	0	0	0	973	0	0	0	1000
50 – 60%	0	0	1000	0	0	0	0	0	0	0	1000
60 – 70%	0	0	924	0	76	0	0	0	0	0	1000
70 – 80%	0	0	596	0	0	0	404	0	0	0	1000
80 – 90%	0	0	985	0	15	0	0	0	0	0	1000
90 – 95%	0	0	280	0	0	0	720	0	0	0	1000
95 – 100%	0	0	617	0	0	0	383	0	0	0	1000
all classes	**0**	**3**	**752**	**0**	**15**	**0**	**229**	**0**	**0**	**0**	**1000**
av. MPCE (Rs.)	0	1006.10	2600.94	0	2357.45	0	3024.49	0	0	0	2632.97
estd. no. of hhs (00)	0	1	145	0	3	0	44	0	0	0	193
no. of sample hhs	0	1	51	0	4	0	8	0	0	0	64
											Urban
0 – 5%	0	184	618	0	0	0	198	0	0	0	1000
5 – 10%	0	0	320	0	0	0	680	0	0	0	1000
10 – 20%	0	248	581	0	0	0	171	0	0	0	1000
20 – 30%	0	163	472	0	0	0	365	0	0	0	1000
30 – 40%	0	40	849	0	0	0	111	0	0	0	1000
40 – 50%	0	0	885	0	0	0	115	0	0	0	1000
50 – 60%	0	36	762	0	0	0	202	0	0	0	1000
60 – 70%	0	0	939	0	0	0	61	0	0	0	1000
70 – 80%	0	0	915	0	0	0	63	0	0	22	1000
80 – 90%	0	0	845	0	0	0	25	0	0	129	1000
90 – 95%	0	0	871	0	0	0	32	0	0	98	1000
95 – 100%	0	0	572	0	0	0	0	0	0	428	1000
all classes	**0**	**48**	**756**	**0**	**0**	**0**	**136**	**0**	**0**	**61**	**1000**
av. MPCE (Rs.)	0	1357.40	3663.70	0	0	0	1731.82	0	0	7796.12	3357.05
estd. no. of hhs (00)	0	103	1626	0	0	0	292	0	0	131	2152
no. of sample hhs	0	17	171	0	0	0	42	0	0	18	248

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Dadra & N. Haveli

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	505	0	0	0	0	0	0	0	495	1000
5 – 10%	0	1000	0	0	0	0	0	0	0	0	1000
10 – 20%	0	1000	0	0	0	0	0	0	0	0	1000
20 – 30%	0	319	0	0	0	0	0	0	0	681	1000
30 – 40%	0	1000	0	0	0	0	0	0	0	0	1000
40 – 50%	0	1000	0	0	0	0	0	0	0	0	1000
50 – 60%	0	1000	0	0	0	0	0	0	0	0	1000
60 – 70%	0	1000	0	0	0	0	0	0	0	0	1000
70 – 80%	0	777	223	0	0	0	0	0	0	0	1000
80 – 90%	0	952	38	0	0	0	0	0	0	10	1000
90 – 95%	0	144	0	0	0	0	856	0	0	0	1000
95 – 100%	0	285	186	0	0	0	522	0	0	7	1000
all classes	**0**	**683**	**37**	**0**	**0**	**0**	**114**	**0**	**0**	**166**	**1000**
av. MPCE (Rs.)	0	1018.92	2168.50	0	0	0	2311.15	0	0	695.57	1123.16
estd. no. of hhs (00)	0	276	15	0	0	0	46	0	0	67	404
no. of sample hhs	0	73	13	0	0	0	6	0	0	4	96
											Urban
0 – 5%	0	472	517	0	0	0	11	0	0	0	1000
5 – 10%	0	0	1000	0	0	0	0	0	0	0	1000
10 – 20%	0	263	492	0	0	0	245	0	0	0	1000
20 – 30%	0	235	635	0	0	0	130	0	0	0	1000
30 – 40%	0	0	708	0	0	0	292	0	0	0	1000
40 – 50%	0	0	878	0	0	0	122	0	0	0	1000
50 – 60%	0	0	830	0	0	0	170	0	0	0	1000
60 – 70%	0	0	1000	0	0	0	0	0	0	0	1000
70 – 80%	0	0	1000	0	0	0	0	0	0	0	1000
80 – 90%	0	0	977	0	0	0	0	0	0	23	1000
90 – 95%	0	0	1000	0	0	0	0	0	0	0	1000
95 – 100%	0	0	187	0	0	0	807	0	0	6	1000
all classes	**0**	**54**	**731**	**0**	**0**	**0**	**211**	**0**	**0**	**3**	**1000**
av. MPCE (Rs.)	0	1373.15	2647.07	0	0	0	4522.59	0	0	4811.61	2671.34
estd. no. of hhs (00)	0	20	263	0	0	0	76	0	0	1	359
no. of sample hhs	0	6	75	0	0	0	11	0	0	2	94

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Daman & Diu

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	0	0	0	0	0	1000	0	0	0	1000
10 – 20%	0	1000	0	0	0	0	0	0	0	0	1000
20 – 30%	0	161	839	0	0	0	0	0	0	0	1000
30 – 40%	0	991	9	0	0	0	0	0	0	0	1000
40 – 50%	0	130	66	0	0	0	804	0	0	0	1000
50 – 60%	0	76	794	0	0	0	130	0	0	0	1000
60 – 70%	0	138	370	0	0	0	492	0	0	0	1000
70 – 80%	0	92	133	0	0	0	775	0	0	0	1000
80 – 90%	0	0	397	0	0	0	603	0	0	0	1000
90 – 95%	0	0	24	0	0	0	976	0	0	0	1000
95 – 100%	0	0	0	0	0	0	145	0	0	855	1000
all classes	**0**	**130**	**238**	**0**	**0**	**0**	**542**	**0**	**0**	**90**	**1000**
av. MPCE (Rs.)	0	1645.04	2555.51	0	0	0	2637.10	0	0	5513.88	2435.76
estd. no. of hhs (00)	0	54	99	0	0	0	225	0	0	37	415
no. of sample hhs	0	19	30	0	0	0	14	0	0	1	64
											Urban
0 – 5%	0	334	472	0	0	0	195	0	0	0	1000
5 – 10%	0	666	334	0	0	0	0	0	0	0	1000
10 – 20%	0	237	461	0	0	0	302	0	0	0	1000
20 – 30%	0	0	693	0	0	0	307	0	0	0	1000
30 – 40%	0	0	1000	0	0	0	0	0	0	0	1000
40 – 50%	0	0	748	0	0	0	0	0	0	252	1000
50 – 60%	0	0	832	0	0	0	0	0	0	168	1000
60 – 70%	0	0	1000	0	0	0	0	0	0	0	1000
70 – 80%	0	0	1000	0	0	0	0	0	0	0	1000
80 – 90%	0	69	582	0	0	0	0	0	0	349	1000
90 – 95%	0	0	1000	0	0	0	0	0	0	0	1000
95 – 100%	0	0	1000	0	0	0	0	0	0	0	1000
all classes	**0**	**67**	**757**	**0**	**0**	**0**	**65**	**0**	**0**	**110**	**1000**
av. MPCE (Rs.)	0	1111.52	2498.03	0	0	0	1392.18	0	0	3317.91	2388.42
estd. no. of hhs (00)	0	10	117	0	0	0	10	0	0	17	154
no. of sample hhs	0	7	49	0	0	0	4	0	0	4	64

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Lakshadweep

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rural											
0 – 5%	0	1000	0	0	0	0	0	0	0	0	1000
5 – 10%	0	1000	0	0	0	0	0	0	0	0	1000
10 – 20%	0	1000	0	0	0	0	0	0	0	0	1000
20 – 30%	0	1000	0	0	0	0	0	0	0	0	1000
30 – 40%	0	1000	0	0	0	0	0	0	0	0	1000
40 – 50%	0	1000	0	0	0	0	0	0	0	0	1000
50 – 60%	0	1000	0	0	0	0	0	0	0	0	1000
60 – 70%	0	1000	0	0	0	0	0	0	0	0	1000
70 – 80%	0	787	213	0	0	0	0	0	0	0	1000
80 – 90%	0	358	0	0	0	0	139	154	0	348	1000
90 – 95%	0	788	0	0	0	0	0	212	0	0	1000
95 – 100%	0	165	114	0	0	0	0	721	0	0	1000
all classes	**0**	**793**	**37**	**0**	**0**	**0**	**26**	**80**	**0**	**65**	**1000**
av. MPCE (Rs.)	0	2592.88	3449.15	0	0	0	4434.12	6273.65	0	4095.3	2924.13
estd. no. of hhs (00)	0	44	2	0	0	0	1	4	0	4	56
no. of sample hhs	0	52	3	0	0	0	3	4	0	1	63
Urban											
0 – 5%	0	0	394	0	0	0	606	0	0	0	1000
5 – 10%	0	187	813	0	0	0	0	0	0	0	1000
10 – 20%	0	464	536	0	0	0	0	0	0	0	1000
20 – 30%	0	358	270	0	0	0	372	0	0	0	1000
30 – 40%	0	386	614	0	0	0	0	0	0	0	1000
40 – 50%	0	440	151	0	0	0	409	0	0	0	1000
50 – 60%	0	335	337	0	0	0	274	0	0	55	1000
60 – 70%	0	296	519	0	0	0	0	76	0	109	1000
70 – 80%	0	141	802	0	0	0	28	28	0	0	1000
80 – 90%	0	281	248	0	0	0	319	40	0	112	1000
90 – 95%	0	31	635	0	0	0	0	200	0	134	1000
95 – 100%	0	175	298	0	0	0	0	276	0	250	1000
all classes	**0**	**263**	**453**	**0**	**0**	**0**	**163**	**55**	**0**	**67**	**1000**
av. MPCE (Rs.)	0	2692.42	3535.08	0	0	0	2720.31	6760.69	0	5696.79	3287.20
estd. no. of hhs (00)	0	13	23	0	0	0	8	3	0	3	51
no. of sample hhs	0	37	53	0	0	0	19	10	0	9	128

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

Puducherry

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	0	549	378	0	0	0	0	0	0	72	1000
5 – 10%	0	585	415	0	0	0	0	0	0	0	1000
10 – 20%	0	321	609	0	30	0	0	0	0	40	1000
20 – 30%	0	41	959	0	0	0	0	0	0	0	1000
30 – 40%	0	331	618	0	0	0	51	0	0	0	1000
40 – 50%	0	270	730	0	0	0	0	0	0	0	1000
50 – 60%	0	0	1000	0	0	0	0	0	0	0	1000
60 – 70%	0	770	202	0	0	0	28	0	0	0	1000
70 – 80%	0	129	841	0	0	0	30	0	0	0	1000
80 – 90%	0	345	655	0	0	0	0	0	0	0	1000
90 – 95%	0	449	294	0	0	0	258	0	0	0	1000
95 – 100%	0	0	388	0	0	0	0	0	0	612	1000
all classes	**0**	**306**	**592**	**0**	**3**	**0**	**40**	**0**	**0**	**59**	**1000**
av. MPCE (Rs.)	0	1998.43	2189.51	0	1183.61	0	2636.24	0	0	3746.38	2173.30
estd. no. of hhs (00)	0	359	696	0	4	0	47	0	0	70	1175
no. of sample hhs	0	31	88	0	1	0	4	0	0	4	128
											Urban
0 – 5%	0	274	657	0	0	0	17	0	0	52	1000
5 – 10%	0	363	632	0	0	0	5	0	0	0	1000
10 – 20%	0	83	819	0	0	0	0	0	0	98	1000
20 – 30%	0	166	704	0	0	0	96	0	0	33	1000
30 – 40%	0	137	809	0	0	0	55	0	0	0	1000
40 – 50%	0	69	560	0	0	0	24	0	0	347	1000
50 – 60%	0	153	830	0	0	0	0	0	0	17	1000
60 – 70%	0	24	737	0	0	0	65	0	0	174	1000
70 – 80%	0	21	884	0	0	0	0	0	0	95	1000
80 – 90%	0	4	867	0	0	0	14	0	0	114	1000
90 – 95%	0	6	789	0	0	0	0	0	0	206	1000
95 – 100%	0	2	711	0	0	0	86	0	0	201	1000
all classes	**0**	**81**	**762**	**0**	**0**	**0**	**30**	**0**	**0**	**126**	**1000**
av. MPCE (Rs.)	0	1925.04	3348.24	0	0	0	2713.87	0	0	4024.63	3215.85
estd. no. of hhs (00)	0	177	1663	0	0	0	66	0	0	276	2182
no. of sample hhs	0	52	338	0	0	0	14	0	0	44	448

* all including n.r. cases

Table 1: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for cooking

All-India

fractile class of MPCE	per 1000 no. of households with primary source of energy for cooking										
	coke, coal	firewood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arrange-ment	all*
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
											Rural
0 – 5%	4	810	2	0	109	0	7	0	58	10	1000
5 – 10%	14	774	7	0	130	0	1	0	72	1	1000
10 – 20%	15	761	15	0	132	0	2	0	69	6	1000
20 – 30%	15	777	19	2	112	0	3	0	68	3	1000
30 – 40%	15	753	45	0	120	0	5	0	60	1	1000
40 – 50%	14	745	69	1	103	0	8	0	52	8	1000
50 – 60%	10	728	98	1	94	0	5	0	57	7	1000
60 – 70%	12	696	143	2	84	0	11	0	43	9	1000
70 – 80%	10	657	190	2	83	0	13	1	35	10	1000
80 – 90%	11	594	262	3	77	0	13	0	28	10	1000
90 – 95%	8	455	398	5	88	0	12	1	15	17	1000
95 – 100%	3	337	492	7	51	1	17	4	10	78	1000
all classes	**11**	**673**	**150**	**2**	**96**	**0**	**9**	**1**	**46**	**13**	**1000**
av. MPCE (Rs.)	1224.70	1288.20	2277.50	2465.27	1275.07	2502.02	1640.81	2718.54	1152.08	3437.11	1429.96
estd. no. of hhs (00)	19590	1157673	257665	3476	165821	277	14780	1004	79424	21597	1721307
no. of sample hhs	657	37410	14562	141	4203	25	619	77	1669	320	59683
											Urban
0 – 5%	78	593	173	0	64	1	38	3	15	35	1000
5 – 10%	68	492	303	0	46	4	46	4	14	22	1000
10 – 20%	58	353	446	0	35	1	68	2	8	29	1000
20 – 30%	37	274	569	0	25	1	75	2	5	13	1000
30 – 40%	31	199	659	0	17	1	66	2	4	20	1000
40 – 50%	27	124	712	0	10	0	74	3	5	45	1000
50 – 60%	18	101	774	0	9	1	56	2	5	35	1000
60 – 70%	9	65	795	0	5	0	61	2	6	57	1000
70 – 80%	6	29	806	0	3	0	72	3	14	66	1000
80 – 90%	2	23	797	0	1	1	63	5	13	95	1000
90 – 95%	1	12	815	0	1	0	24	6	21	121	1000
95 – 100%	0	7	701	0	0	0	15	6	22	248	1000
all classes	**21**	**140**	**684**	**0**	**13**	**1**	**57**	**3**	**11**	**69**	**1000**
av. MPCE (Rs.)	1363.57	1354.19	2943.56	2330.74	1320.97	1984.37	2059.43	2946.39	3686.30	5674.15	2629.65
estd. no. of hhs (00)	16806	109596	535408	84	10025	495	44958	2612	8243	54012	782319
no. of sample hhs	914	7483	28912	6	520	115	1907	245	313	1546	41968

* all including n.r. cases

Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh													
self-empl. in agri.	1	685	312	1	0	0	1	0	0	0	1000	42516	937
self-empl. in non-agri.	2	507	465	0	0	6	10	0	2	8	1000	22112	1178
regular wage/ salary earning	1	339	648	0	0	0	2	0	0	10	1000	14232	582
casual labour in agriculture	5	881	103	0	5	0	1	0	5	0	1000	48287	546
casual labour in non-agriculture	0	779	220	0	0	0	2	0	0	0	1000	13126	513
others	0	384	286	0	0	0	2	0	0	329	1000	11283	169
all	**2**	**675**	**289**	**0**	**2**	**1**	**2**	**0**	**2**	**27**	**1000**	**151556**	**3925**
no. of sample hhs	7	2306	1550	6	3	6	15	1	2	29	3925	x	x
Arunachal Pradesh													
self-empl. in agri.	4	823	162	0	0	0	7	1	0	3	1000	1096	538
self-empl. in non-agri.	0	323	646	0	11	0	21	0	0	0	1000	237	173
regular wage/ salary earning	0	330	656	0	0	0	11	2	1	0	1000	327	265
casual labour in agriculture	0	976	24	0	0	0	0	0	0	0	1000	20	8
casual labour in non-agriculture	0	864	136	0	0	0	0	0	0	0	1000	20	24
others	0	529	185	0	0	0	0	0	0	286	1000	100	55
all	**3**	**654**	**314**	**0**	**1**	**0**	**9**	**1**	**0**	**18**	**1000**	**1807**	**1066**
no. of sample hhs	2	724	318	0	1	0	13	2	1	5	1066	x	x
Assam													
self-empl. in agri.	0	901	97	1	0	0	0	0	1	0	1000	21836	742
self-empl. in non-agri.	4	744	240	9	0	1	1	0	0	0	1000	12212	906
regular wage/ salary earning	0	604	384	3	0	0	0	0	0	9	1000	6063	488
casual labour in agriculture	0	973	16	0	0	0	11	0	0	0	1000	3910	85
casual labour in non-agriculture	0	901	64	9	0	0	14	0	12	0	1000	4369	258
others	0	379	435	0	0	0	4	0	0	182	1000	2156	127
all	**1**	**810**	**172**	**4**	**0**	**0**	**3**	**0**	**1**	**9**	**1000**	**50592**	**2607**
no. of sample hhs	1	1844	739	7	0	1	9	0	2	4	2607	x	x

* all including n.r. cases

Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Bihar													
self-empl. in agri.	4	558	34	0	300	0	1	0	103	0	1000	54187	938
self-empl. in non-agri.	5	647	95	0	146	0	6	0	101	0	1000	30707	1014
regular wage/ salary earning	20	391	394	0	140	0	0	0	56	0	1000	6396	274
casual labour in agriculture	1	551	0	0	148	0	11	0	289	0	1000	42593	385
casual labour in non-agriculture	1	634	6	0	193	0	1	0	165	0	1000	14210	379
others	33	441	154	0	224	0	13	0	125	9	1000	13758	313
all	**6**	**564**	**59**	**0**	**208**	**0**	**5**	**0**	**157**	**1**	**1000**	**162107**	**3310**
no. of sample hhs	20	1681	427	0	756	0	14	1	407	4	3310	x	x
Chhattisgarh													
self-empl. in agri.	4	977	6	2	11	0	0	0	0	0	1000	18697	446
self-empl. in non-agri.	46	866	40	0	26	0	10	8	0	3	1000	2782	375
regular wage/ salary earning	0	781	142	0	54	0	20	3	0	1	1000	2499	307
casual labour in agriculture	0	950	0	0	50	0	0	0	0	0	1000	12199	159
casual labour in non-agriculture	81	818	0	0	101	0	0	0	0	0	1000	1975	122
others	0	724	0	0	17	0	0	0	98	160	1000	1360	31
all	**9**	**932**	**15**	**1**	**31**	**0**	**2**	**1**	**3**	**6**	**1000**	**39514**	**1440**
no. of sample hhs	10	1289	75	4	38	0	13	3	1	7	1440	x	x
Delhi													
self-empl. in agri.	0	0	1000	0	0	0	0	0	0	0	1000	45	4
self-empl. in non-agri.	0	0	1000	0	0	0	0	0	0	0	1000	616	14
regular wage/ salary earning	0	3	951	0	0	0	0	0	0	46	1000	1442	35
casual labour in agriculture	0	0	0	0	0	0	0	0	0	0	0	0	0
casual labour in non-agriculture	0	0	685	0	0	0	0	0	0	315	1000	209	6
others	0	656	344	0	0	0	0	0	0	0	1000	75	4
all	**0**	**23**	**922**	**0**	**0**	**0**	**0**	**0**	**0**	**55**	**1000**	**2387**	**63**
no. of sample hhs	0	2	59	0	0	0	0	0	0	2	63	x	x

* all including n.r. cases

Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Goa													
self-empl. in agri.	0	348	260	67	0	0	325	0	0	0	1000	142	29
self-empl. in non-agri.	0	19	820	0	0	0	162	0	0	0	1000	505	50
regular wage/ salary earning	0	202	603	0	0	0	195	0	0	0	1000	565	50
casual labour in agriculture	0	869	131	0	0	0	0	0	0	0	1000	40	6
casual labour in non-agriculture	0	154	722	0	0	0	125	0	0	0	1000	204	11
others	0	211	789	0	0	0	0	0	0	0	1000	154	13
all	**0**	**169**	**662**	**6**	**0**	**0**	**164**	**0**	**0**	**0**	**1000**	**1610**	**159**
no. of sample hhs	0	26	120	2	0	0	11	0	0	0	159	x	x
Gujarat													
self-empl. in agri.	1	850	90	14	21	0	23	0	0	0	1000	29072	545
self-empl. in non-agri.	0	490	438	0	5	0	66	0	0	1	1000	8169	425
regular wage/ salary earning	0	505	445	1	0	0	41	6	0	2	1000	6864	352
casual labour in agriculture	0	972	3	0	0	0	25	0	0	0	1000	18426	197
casual labour in non-agriculture	0	923	7	0	0	0	70	0	0	0	1000	4483	148
others	0	392	139	0	0	0	74	0	0	394	1000	2046	45
all	**0**	**797**	**139**	**6**	**9**	**0**	**35**	**1**	**0**	**12**	**1000**	**69060**	**1712**
no. of sample hhs	1	1247	352	9	13	0	79	2	1	8	1712	x	x
Haryana													
self-empl. in agri.	0	522	209	0	201	0	3	0	64	0	1000	12173	469
self-empl. in non-agri.	0	382	361	0	211	0	1	12	33	0	1000	4522	239
regular wage/ salary earning	0	233	546	0	208	0	0	0	12	0	1000	5892	250
casual labour in agriculture	0	409	105	0	387	0	0	0	99	0	1000	3956	121
casual labour in non-agriculture	0	479	70	0	312	0	58	0	81	0	1000	5995	251
others	0	268	434	0	206	0	10	0	36	46	1000	2616	93
all	**0**	**417**	**267**	**0**	**244**	**0**	**12**	**2**	**56**	**3**	**1000**	**35153**	**1423**
no. of sample hhs	0	627	346	0	376	0	9	3	61	1	1423	x	x

* all including n.r. cases

.

Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Himachal Pradesh													
self-empl. in agri.	0	811	189	0	0	0	0	0	0	0	1000	4609	493
self-empl. in non-agri.	0	724	234	0	0	0	38	4	0	0	1000	1664	256
regular wage/ salary earning	0	515	470	0	0	0	2	5	0	7	1000	2924	421
casual labour in agriculture	0	949	44	0	0	0	8	0	0	0	1000	165	22
casual labour in non-agriculture	3	900	74	0	0	0	22	0	0	0	1000	2817	334
others	0	456	458	0	11	0	0	1	0	74	1000	1059	131
all	**1**	**727**	**252**	**0**	**1**	**0**	**10**	**2**	**0**	**8**	**1000**	**13237**	**1657**
no. of sample hhs	1	1174	456	0	1	0	15	5	0	5	1657	x	x
Jammu & Kashmir													
self-empl. in agri.	0	805	154	0	28	0	7	6	0	0	1000	4042	481
self-empl. in non-agri.	0	585	380	0	6	0	15	13	0	0	1000	2825	431
regular wage/ salary earning	0	476	461	0	19	1	19	0	14	11	1000	2960	541
casual labour in agriculture	0	722	162	0	7	0	78	31	0	0	1000	558	83
casual labour in non-agriculture	0	800	114	0	34	0	42	8	0	0	1000	3139	391
others	0	612	344	0	5	0	17	0	0	23	1000	893	105
all	**0**	**678**	**265**	**0**	**21**	**0**	**22**	**8**	**3**	**4**	**1000**	**14417**	**2032**
no. of sample hhs	0	1293	619	0	32	2	62	17	2	5	2032	x	x
Jharkhand													
self-empl. in agri.	82	883	9	0	25	0	0	0	0	0	1000	18857	553
self-empl. in non-agri.	284	650	42	0	15	0	9	0	0	0	1000	7200	439
regular wage/ salary earning	356	318	227	0	34	0	13	0	0	53	1000	2341	206
casual labour in agriculture	74	922	4	0	0	0	0	0	0	0	1000	2199	48
casual labour in non-agriculture	132	813	0	0	27	0	5	0	9	14	1000	11047	391
others	122	562	83	0	90	0	0	0	0	144	1000	3183	118
all	**143**	**777**	**29**	**0**	**29**	**0**	**3**	**0**	**2**	**16**	**1000**	**44869**	**1757**
no. of sample hhs	299	1291	91	0	53	0	4	0	1	18	1757	x	x

* all including n.r. cases

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Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Karnataka													
self-empl. in agri.	0	830	138	18	0	0	14	0	0	0	1000	30133	620
self-empl. in non-agri.	0	698	232	4	0	0	61	0	0	5	1000	10905	573
regular wage/ salary earning	0	435	464	1	0	0	37	0	0	63	1000	6902	315
casual labour in agriculture	0	979	21	0	0	0	0	0	0	0	1000	24310	248
casual labour in non-agriculture	0	725	198	0	0	0	41	0	0	36	1000	6434	233
others	0	542	96	0	0	0	0	0	0	363	1000	2641	59
all	**0**	**805**	**147**	**7**	**0**	**0**	**20**	**0**	**0**	**21**	**1000**	**81325**	**2048**
no. of sample hhs	0	1532	437	19	0	0	38	0	0	22	2048	x	x
Kerala													
self-empl. in agri.	3	634	343	19	0	0	0	0	0	0	1000	8286	402
self-empl. in non-agri.	0	618	372	0	0	0	0	1	0	8	1000	9943	544
regular wage/ salary earning	0	499	444	0	0	0	1	2	0	55	1000	8835	479
casual labour in agriculture	0	859	121	0	0	0	0	12	0	8	1000	5936	181
casual labour in non-agriculture	1	812	174	3	0	0	4	2	0	5	1000	15452	643
others	0	506	434	6	0	0	1	0	0	52	1000	8473	359
all	**1**	**663**	**308**	**5**	**0**	**0**	**1**	**2**	**0**	**20**	**1000**	**56925**	**2608**
no. of sample hhs	2	1557	990	14	0	0	5	6	0	34	2608	x	x
Madhya Pradesh													
self-empl. in agri.	2	788	38	14	158	0	0	1	0	0	1000	44199	974
self-empl. in non-agri.	1	740	163	2	85	0	10	0	0	0	1000	12234	620
regular wage/ salary earning	22	555	324	14	25	0	51	0	0	9	1000	6355	352
casual labour in agriculture	0	941	4	0	53	0	1	0	0	0	1000	25116	288
casual labour in non-agriculture	0	859	30	0	101	0	1	0	0	9	1000	14735	425
others	0	516	109	0	78	0	29	0	0	267	1000	2595	76
all	**2**	**808**	**62**	**7**	**106**	**0**	**5**	**0**	**0**	**8**	**1000**	**105234**	**2735**
no. of sample hhs	5	2169	265	21	253	0	12	1	0	9	2735	x	x

* all including n.r. cases

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Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking
Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Maharashtra													
self-empl. in agri.	1	643	206	12	2	0	1	0	135	0	1000	47869	1161
self-empl. in non-agri.	0	419	518	1	0	2	7	0	49	3	1000	13608	1064
regular wage/ salary earning	0	222	632	7	1	0	24	0	35	79	1000	15814	805
casual labour in agriculture	0	848	43	0	0	0	10	0	98	1	1000	42207	511
casual labour in non-agriculture	0	738	187	0	0	0	30	0	44	1	1000	7985	373
others	0	272	130	0	20	0	14	0	35	528	1000	7192	117
all	**0**	**621**	**231**	**5**	**2**	**0**	**10**	**0**	**92**	**38**	**1000**	**134674**	**4031**
no. of sample hhs	1	2173	1395	26	7	3	63	0	322	41	4031	x	x
Manipur													
self-empl. in agri.	0	800	198	0	1	1	0	0	0	0	1000	1543	382
self-empl. in non-agri.	1	557	438	0	0	4	0	0	0	0	1000	945	462
regular wage/ salary earning	0	336	647	0	0	11	0	0	0	6	1000	579	425
casual labour in agriculture	0	692	169	0	0	38	101	0	0	0	1000	62	20
casual labour in non-agriculture	5	897	90	0	0	8	0	0	0	0	1000	84	43
others	0	334	338	0	0	0	0	0	0	328	1000	115	42
all	**0**	**635**	**346**	**0**	**1**	**4**	**2**	**0**	**0**	**12**	**1000**	**3329**	**1376**
no. of sample hhs	2	793	567	0	1	8	1	0	0	4	1376	x	x
Meghalaya													
self-empl. in agri.	0	996	4	0	0	0	0	1	0	0	1000	2020	245
self-empl. in non-agri.	0	883	81	0	0	0	30	6	0	0	1000	793	266
regular wage/ salary earning	0	701	214	0	0	0	25	60	0	0	1000	628	221
casual labour in agriculture	0	1000	0	0	0	0	0	0	0	0	1000	320	35
casual labour in non-agriculture	0	1000	0	0	0	0	0	0	0	0	1000	238	59
others	0	401	150	0	0	0	0	0	0	449	1000	139	30
all	**0**	**910**	**55**	**0**	**0**	**0**	**10**	**11**	**0**	**15**	**1000**	**4138**	**856**
no. of sample hhs	0	759	76	0	0	0	5	13	0	3	856	x	x

* all including n.r. cases

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Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Mizoram													
self-empl. in agri.	0	749	251	0	0	0	0	0	0	0	1000	770	239
self-empl. in non-agri.	0	332	660	0	0	0	8	0	0	0	1000	99	125
regular wage/ salary earning	0	194	787	0	0	0	18	0	0	0	1000	187	243
casual labour in agriculture	0	0	0	0	0	0	1000	0	0	0	1000	2	1
casual labour in non-agriculture	0	712	209	0	0	0	79	0	0	0	1000	13	16
others	0	20	980	0	0	0	0	0	0	0	1000	18	16
all	**0**	**602**	**391**	**0**	**0**	**0**	**7**	**0**	**0**	**0**	**1000**	**1090**	**640**
no. of sample hhs	0	281	353	0	0	0	6	0	0	0	640	x	x
Nagaland													
self-empl. in agri.	0	650	350	0	0	0	0	0	0	0	1000	789	186
self-empl. in non-agri.	0	267	733	0	0	0	0	0	0	0	1000	248	159
regular wage/ salary earning	0	216	784	0	0	0	0	0	0	0	1000	346	288
casual labour in agriculture	0	0	0	0	0	0	0	0	0	0	0	0	0
casual labour in non-agriculture	0	749	251	0	0	0	0	0	0	0	1000	5	5
others	0	284	716	0	0	0	0	0	0	0	1000	61	34
all	**0**	**466**	**534**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**1448**	**672**
no. of sample hhs	0	222	450	0	0	0	0	0	0	0	672	x	x
Odisha													
self-empl. in agri.	4	912	10	6	15	0	0	0	53	0	1000	26096	736
self-empl. in non-agri.	24	823	76	0	16	5	4	0	52	0	1000	14168	899
regular wage/ salary earning	9	675	213	5	20	2	8	19	21	28	1000	5390	434
casual labour in agriculture	0	912	4	0	32	0	2	0	50	0	1000	16215	267
casual labour in non-agriculture	15	931	0	0	3	0	0	0	51	0	1000	9990	486
others	1	725	101	0	23	0	0	4	80	66	1000	4282	152
all	**9**	**870**	**39**	**2**	**18**	**1**	**2**	**2**	**51**	**6**	**1000**	**76142**	**2974**
no. of sample hhs	26	2494	224	6	47	4	8	10	144	11	2974	x	x

* all including n.r. cases

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Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Punjab													
self-empl. in agri.	0	261	321	21	346	0	15	1	35	0	1000	8646	447
self-empl. in non-agri.	0	263	472	0	237	0	7	2	19	0	1000	5369	298
regular wage/ salary earning	0	225	412	7	231	0	70	0	12	43	1000	5506	265
casual labour in agriculture	0	469	80	0	332	0	15	8	97	0	1000	5160	137
casual labour in non-agriculture	0	388	148	0	409	0	29	0	25	0	1000	6658	296
others	0	186	510	0	128	0	35	0	0	141	1000	2822	109
all	**0**	**305**	**305**	**7**	**303**	**0**	**27**	**2**	**33**	**19**	**1000**	**34161**	**1552**
no. of sample hhs	0	454	570	20	428	0	26	3	45	6	1552	x	x
Rajasthan													
self-empl. in agri.	0	960	30	0	9	0	1	0	0	0	1000	43143	885
self-empl. in non-agri.	0	724	271	0	2	0	3	0	0	0	1000	11768	488
regular wage/ salary earning	0	652	315	0	10	0	13	1	0	9	1000	7451	317
casual labour in agriculture	0	893	16	0	0	0	0	0	90	0	1000	3750	71
casual labour in non-agriculture	0	966	12	0	5	0	15	1	0	0	1000	22938	667
others	0	755	217	0	2	0	21	0	0	4	1000	5407	151
all	**0**	**893**	**89**	**0**	**6**	**0**	**7**	**0**	**4**	**1**	**1000**	**94456**	**2579**
no. of sample hhs	0	2217	318	0	19	1	13	3	4	4	2579	x	x
Sikkim													
self-empl. in agri.	0	607	386	7	0	0	0	0	0	0	1000	570	150
self-empl. in non-agri.	0	181	816	0	0	0	0	0	0	3	1000	100	122
regular wage/ salary earning	2	142	805	0	0	0	0	0	0	50	1000	289	274
casual labour in agriculture	0	967	33	0	0	0	0	0	0	0	1000	2	2
casual labour in non-agriculture	0	228	625	0	0	0	110	0	0	37	1000	52	38
others	0	0	579	0	0	0	0	0	0	421	1000	25	21
all	**1**	**404**	**560**	**4**	**0**	**0**	**6**	**0**	**0**	**26**	**1000**	**1038**	**608**
no. of sample hhs	1	164	422	1	0	0	3	0	0	17	608	x	x

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Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Tamil Nadu													
self-empl. in agri.	0	532	463	0	0	0	5	0	0	1	1000	13555	525
self-empl. in non-agri.	0	356	604	0	0	0	35	0	0	5	1000	14202	743
regular wage/ salary earning	0	298	579	0	0	0	35	13	0	75	1000	13116	652
casual labour in agriculture	0	779	195	0	0	0	20	0	0	5	1000	38455	550
casual labour in non-agriculture	0	573	388	0	0	0	30	0	0	8	1000	14945	642
others	0	620	285	0	0	0	40	0	0	55	1000	7581	207
all	**0**	**583**	**372**	**0**	**0**	**0**	**25**	**2**	**0**	**18**	**1000**	**101853**	**3319**
no. of sample hhs	0	1619	1583	0	0	0	84	1	0	32	3319	x	x
Tripura													
self-empl. in agri.	0	986	14	0	0	0	0	0	0	0	1000	1561	288
self-empl. in non-agri.	0	886	104	11	0	0	0	0	0	0	1000	1129	250
regular wage/ salary earning	0	704	250	0	0	0	46	0	0	0	1000	714	240
casual labour in agriculture	0	939	61	0	0	0	0	0	0	0	1000	629	62
casual labour in non-agriculture	0	991	9	0	0	0	0	0	0	0	1000	2677	380
others	0	761	156	0	0	0	4	0	0	79	1000	494	92
all	**0**	**925**	**63**	**2**	**0**	**0**	**5**	**0**	**0**	**5**	**1000**	**7204**	**1312**
no. of sample hhs	0	1155	148	1	0	0	4	0	0	4	1312	x	x
Uttar Pradesh													
self-empl. in agri.	4	538	62	0	363	0	2	0	32	0	1000	119253	2254
self-empl. in non-agri.	2	526	99	0	327	0	1	0	37	8	1000	42562	1363
regular wage/ salary earning	2	401	226	0	325	0	8	0	18	21	1000	13846	504
casual labour in agriculture	3	733	15	0	221	0	0	0	28	0	1000	28610	345
casual labour in non-agriculture	0	601	27	0	354	0	0	0	16	1	1000	47143	1189
others	0	529	102	0	262	0	0	9	21	78	1000	12312	260
all	**2**	**561**	**67**	**0**	**334**	**0**	**1**	**0**	**28**	**6**	**1000**	**263726**	**5915**
no. of sample hhs	9	3153	568	0	1984	0	6	1	178	16	5915	x	x

* all including n.r. cases

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Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Uttarakhand													
self-empl. in agri.	0	814	186	0	0	0	0	0	0	0	1000	6116	314
self-empl. in non-agri.	0	591	400	0	2	0	7	0	0	0	1000	3579	292
regular wage/ salary earning	0	377	604	0	0	0	3	0	0	16	1000	1851	188
casual labour in agriculture	0	1000	0	0	0	0	0	0	0	0	1000	584	22
casual labour in non-agriculture	0	916	31	0	0	0	53	0	0	0	1000	2270	164
others	0	388	587	6	0	0	0	0	0	19	1000	1284	68
all	**0**	**698**	**288**	**0**	**1**	**0**	**9**	**0**	**0**	**3**	**1000**	**15685**	**1048**
no. of sample hhs	1	732	301	2	1	0	7	0	0	4	1048	x	x
West Bengal													
self-empl. in agri.	68	630	27	0	57	0	0	0	216	1	1000	28749	598
self-empl. in non-agri.	101	585	124	0	42	0	12	0	132	3	1000	34685	1282
regular wage/ salary earning	49	510	299	0	43	0	5	0	95	0	1000	11023	530
casual labour in agriculture	33	710	0	0	60	0	0	0	197	0	1000	50665	557
casual labour in non-agriculture	123	591	25	0	52	0	3	0	184	22	1000	15617	413
others	15	547	128	1	66	0	28	0	172	43	1000	9015	185
all	**65**	**629**	**66**	**0**	**53**	**0**	**5**	**0**	**175**	**6**	**1000**	**149793**	**3566**
no. of sample hhs	269	2148	438	3	185	0	16	0	498	9	3566	x	x
A & N Islands													
self-empl. in agri.	0	754	117	0	0	0	126	3	0	0	1000	148	56
self-empl. in non-agri.	0	334	417	0	0	0	250	0	0	0	1000	81	36
regular wage/ salary earning	0	155	623	0	0	0	208	0	0	14	1000	227	142
casual labour in agriculture	0	1000	0	0	0	0	0	0	0	0	1000	3	2
casual labour in non-agriculture	0	640	102	0	0	0	205	0	0	52	1000	59	29
others	0	285	359	0	0	0	177	0	0	180	1000	16	13
all	**0**	**411**	**382**	**0**	**0**	**0**	**189**	**1**	**0**	**17**	**1000**	**533**	**278**
no. of sample hhs	0	108	120	0	0	0	43	1	0	6	278	x	x

* all including n.r. cases

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Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking

Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Chandigarh													
self-empl. in agri.	0	142	440	0	418	0	0	0	0	0	1000	5	9
self-empl. in non-agri.	0	0	983	0	0	0	17	0	0	0	1000	37	17
regular wage/ salary earning	0	0	656	0	0	0	344	0	0	0	1000	101	28
casual labour in agriculture	0	0	0	0	0	0	0	0	0	0	0	0	0
casual labour in non-agriculture	0	0	0	0	100	0	900	0	0	0	1000	10	3
others	0	0	1000	0	0	0	0	0	0	0	1000	41	7
all	**0**	**3**	**752**	**0**	**15**	**0**	**229**	**0**	**0**	**0**	**1000**	**193**	**64**
no. of sample hhs	0	1	51	0	4	0	8	0	0	0	64	x	x
Dadra & N. Haveli													
self-empl. in agri.	0	978	22	0	0	0	0	0	0	0	1000	92	23
self-empl. in non-agri.	0	959	41	0	0	0	0	0	0	0	1000	19	16
regular wage/ salary earning	0	627	76	0	0	0	293	0	0	4	1000	158	44
casual labour in agriculture	0	1000	0	0	0	0	0	0	0	0	1000	14	1
casual labour in non-agriculture	0	1000	0	0	0	0	0	0	0	0	1000	44	8
others	0	132	0	0	0	0	0	0	0	868	1000	77	4
all	**0**	**683**	**37**	**0**	**0**	**0**	**114**	**0**	**0**	**166**	**1000**	**404**	**96**
no. of sample hhs	0	73	13	0	0	0	6	0	0	4	96	x	x
Daman & Diu													
self-empl. in agri.	0	962	38	0	0	0	0	0	0	0	1000	37	15
self-empl. in non-agri.	0	173	167	0	0	0	660	0	0	0	1000	34	15
regular wage/ salary earning	0	7	310	0	0	0	557	0	0	127	1000	296	30
casual labour in agriculture	0	1000	0	0	0	0	0	0	0	0	1000	0	1
casual labour in non-agriculture	0	2	0	0	0	0	998	0	0	0	1000	37	2
others	0	1000	0	0	0	0	0	0	0	0	1000	11	1
all	**0**	**130**	**238**	**0**	**0**	**0**	**542**	**0**	**0**	**90**	**1000**	**415**	**64**
no. of sample hhs	0	19	30	0	0	0	14	0	0	1	64	x	x

* all including n.r. cases

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Table 2R: Per 1000 distribution of rural households of each household type by primary source of energy for cooking
Rural

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Lakshadweep													
self-empl. in agri.	0	1000	0	0	0	0	0	0	0	0	1000	3	5
self-empl. in non-agri.	0	896	0	0	0	0	10	94	0	0	1000	8	12
regular wage/ salary earning	0	755	15	0	0	0	61	169	0	0	1000	22	29
casual labour in agriculture	0	1000	0	0	0	0	0	0	0	0	1000	3	2
casual labour in non-agriculture	0	1000	0	0	0	0	0	0	0	0	1000	8	5
others	0	579	135	0	0	0	0	0	0	286	1000	13	10
all	**0**	**793**	**37**	**0**	**0**	**0**	**26**	**80**	**0**	**65**	**1000**	**56**	**63**
no. of sample hhs	0	52	3	0	0	0	3	4	0	1	63	x	x
Puducherry													
self-empl. in agri.	0	0	945	0	0	0	0	0	0	55	1000	67	14
self-empl. in non-agri.	0	313	573	0	0	0	19	0	0	95	1000	273	27
regular wage/ salary earning	0	306	561	0	0	0	133	0	0	0	1000	275	33
casual labour in agriculture	0	405	553	0	17	0	25	0	0	0	1000	212	19
casual labour in non-agriculture	0	285	715	0	0	0	0	0	0	0	1000	213	27
others	0	320	385	0	0	0	0	0	0	294	1000	136	8
all	**0**	**306**	**592**	**0**	**3**	**0**	**40**	**0**	**0**	**59**	**1000**	**1175**	**128**
no. of sample hhs	0	31	88	0	1	0	4	0	0	4	128	x	x
All-India													
self-empl. in agri.	8	706	108	5	128	0	3	0	42	0	1000	590923	16703
self-empl. in non-agri.	23	586	245	1	87	1	12	1	40	3	1000	270338	15173
regular wage/ salary earning	11	414	445	2	59	0	20	3	16	30	1000	152415	10609
casual labour in agriculture	6	804	46	0	58	0	7	0	79	1	1000	374611	4982
casual labour in non-agriculture	16	729	85	0	118	0	12	0	33	5	1000	229200	8974
others	10	489	220	1	83	0	13	1	42	141	1000	103429	3225
all	**11**	**673**	**150**	**2**	**96**	**0**	**9**	**1**	**46**	**13**	**1000**	**1721307**	**59683**
no. of sample hhs	657	37410	14562	141	4203	25	619	77	1669	320	59683	x	x

* all including n.r. cases

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Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh													
self-employed	3	99	868	0	0	0	27	0	0	3	1000	22546	921
regular wage/ salary earning	1	45	857	0	0	1	19	5	0	72	1000	31806	1235
casual labour	0	343	593	0	0	5	56	0	0	3	1000	10016	416
others	0	48	502	0	0	2	20	29	0	399	1000	11201	399
all	**1**	**101**	**773**	**0**	**0**	**1**	**27**	**6**	**0**	**91**	**1000**	**75569**	**2971**
no. of sample hhs	5	429	2283	0	0	3	93	19	0	139	2971	x	x
Arunachal Pradesh													
self-employed	0	131	819	0	0	0	50	0	0	0	1000	109	153
regular wage/ salary earning	1	87	876	0	0	0	0	35	0	0	1000	284	357
casual labour	0	345	652	0	0	0	3	0	0	0	1000	49	53
others	0	77	871	0	0	0	0	52	0	0	1000	42	43
all	**0**	**122**	**841**	**0**	**0**	**0**	**12**	**25**	**0**	**0**	**1000**	**486**	**608**
no. of sample hhs	1	76	508	0	0	0	8	15	0	0	608	x	x
Assam													
self-employed	1	198	735	0	1	0	64	0	1	0	1000	2984	355
regular wage/ salary earning	0	95	798	0	0	0	48	0	44	15	1000	2789	317
casual labour	14	532	217	0	2	0	150	0	77	9	1000	553	59
others	0	74	660	0	0	0	10	0	0	256	1000	959	100
all	**1**	**168**	**710**	**0**	**1**	**0**	**57**	**0**	**23**	**40**	**1000**	**7287**	**832**
no. of sample hhs	2	150	606	0	3	0	29	0	8	34	832	x	x
Bihar													
self-employed	54	286	563	0	60	7	1	1	28	0	1000	7784	615
regular wage/ salary earning	9	159	781	0	38	0	10	0	3	0	1000	4267	279
casual labour	97	504	174	0	138	0	2	0	84	1	1000	2186	151
others	11	123	748	0	15	15	11	6	7	63	1000	3679	218
all	**40**	**249**	**605**	**0**	**55**	**6**	**5**	**2**	**25**	**13**	**1000**	**17948**	**1270**
no. of sample hhs	55	338	733	0	80	2	8	2	38	13	1270	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Chhattisgarh													
self-employed	128	347	469	0	9	0	36	9	0	1	1000	2987	232
regular wage/ salary earning	95	157	672	0	0	0	12	23	25	18	1000	4089	308
casual labour	167	639	91	2	76	0	24	0	1	0	1000	3429	130
others	1	187	199	0	78	11	63	1	0	459	1000	1368	64
all	**113**	**347**	**398**	**1**	**33**	**1**	**27**	**10**	**9**	**59**	**1000**	**11874**	**734**
no. of sample hhs	57	264	337	1	9	2	21	9	4	30	734	x	x
Delhi													
self-employed	0	7	929	0	0	0	13	0	41	10	1000	11014	296
regular wage/ salary earning	3	1	841	0	0	1	15	3	40	96	1000	15745	482
casual labour	0	69	697	0	0	0	100	0	0	133	1000	1033	48
others	0	1	618	0	0	0	0	24	155	201	1000	1695	56
all	**2**	**6**	**856**	**0**	**0**	**0**	**17**	**3**	**46**	**71**	**1000**	**29486**	**882**
no. of sample hhs	1	23	710	0	0	1	16	3	43	85	882	x	x
Goa													
self-employed	0	34	959	0	0	0	7	0	0	0	1000	534	85
regular wage/ salary earning	0	16	916	0	0	0	48	0	0	20	1000	841	146
casual labour	0	286	714	0	0	0	0	0	0	0	1000	89	18
others	0	0	804	0	0	0	0	0	0	196	1000	246	39
all	**0**	**33**	**903**	**0**	**0**	**0**	**26**	**0**	**0**	**38**	**1000**	**1710**	**288**
no. of sample hhs	0	10	262	0	0	0	11	0	0	5	288	x	x
Gujarat													
self-employed	15	141	737	1	5	0	47	0	53	1	1000	19967	696
regular wage/ salary earning	7	138	591	0	1	0	140	0	61	62	1000	30587	748
casual labour	0	516	233	0	10	0	194	0	41	6	1000	3706	149
others	0	64	607	0	0	0	33	0	69	226	1000	3408	124
all	**9**	**159**	**620**	**0**	**3**	**0**	**105**	**0**	**57**	**47**	**1000**	**57668**	**1717**
no. of sample hhs	6	246	1177	1	4	0	139	0	93	51	1717	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Haryana													
self-employed	0	58	902	0	27	0	10	2	0	1	1000	6613	455
regular wage/ salary earning	0	32	905	0	14	1	15	0	1	31	1000	7574	456
casual labour	0	157	649	0	136	0	32	0	14	12	1000	1859	141
others	0	80	783	0	11	9	0	0	9	107	1000	1737	113
all	**0**	**60**	**865**	**0**	**31**	**1**	**14**	**1**	**3**	**25**	**1000**	**17793**	**1166**
no. of sample hhs	0	93	997	0	39	2	14	1	4	16	1166	x	x
Himachal Pradesh													
self-employed	0	74	823	0	26	7	70	0	0	0	1000	384	85
regular wage/ salary earning	0	26	723	0	2	0	56	20	0	174	1000	1265	182
casual labour	0	295	351	0	0	0	355	0	0	0	1000	199	44
others	0	20	778	0	0	3	0	9	0	190	1000	421	72
all	**0**	**56**	**718**	**0**	**5**	**2**	**74**	**13**	**0**	**132**	**1000**	**2269**	**383**
no. of sample hhs	0	42	284	0	4	2	23	4	0	24	383	x	x
Jammu & Kashmir													
self-employed	0	92	791	0	0	6	60	49	0	2	1000	1803	556
regular wage/ salary earning	2	51	891	0	3	1	11	31	0	10	1000	1836	518
casual labour	0	324	562	0	13	7	58	36	0	0	1000	580	166
others	0	33	607	0	0	0	41	13	0	230	1000	489	115
all	**1**	**98**	**783**	**0**	**3**	**4**	**39**	**37**	**0**	**28**	**1000**	**4708**	**1355**
no. of sample hhs	1	154	1041	0	2	5	61	73	0	15	1355	x	x
Jharkhand													
self-employed	273	93	607	0	8	0	5	0	0	15	1000	3916	352
regular wage/ salary earning	290	15	614	0	8	0	22	22	0	28	1000	5191	330
casual labour	655	111	177	0	0	0	0	3	0	54	1000	2163	145
others	75	29	597	0	0	0	11	1	0	286	1000	2053	153
all	**311**	**56**	**539**	**0**	**5**	**0**	**12**	**9**	**0**	**68**	**1000**	**13323**	**980**
no. of sample hhs	297	113	500	0	4	1	13	6	0	46	980	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Karnataka													
self-employed	0	142	784	2	0	0	56	1	0	14	1000	18665	753
regular wage/ salary earning	0	58	699	0	0	0	57	5	0	180	1000	21337	762
casual labour	0	541	312	0	0	0	141	0	0	5	1000	6672	353
others	0	40	315	0	0	0	66	8	0	572	1000	5421	180
all	**0**	**148**	**640**	**1**	**0**	**0**	**68**	**3**	**0**	**139**	**1000**	**52095**	**2048**
no. of sample hhs	0	451	1326	2	0	0	131	15	0	123	2048	x	x
Kerala													
self-employed	0	379	614	0	0	0	3	1	2	2	1000	5873	524
regular wage/ salary earning	0	251	618	0	0	0	12	13	0	106	1000	6611	525
casual labour	0	618	350	0	0	0	6	0	2	24	1000	5275	444
others	0	194	628	0	0	0	1	0	0	177	1000	4156	361
all	**0**	**363**	**554**	**0**	**0**	**0**	**6**	**4**	**1**	**72**	**1000**	**21916**	**1854**
no. of sample hhs	1	717	1035	0	0	0	11	3	2	85	1854	x	x
Madhya Pradesh													
self-employed	8	289	651	0	20	0	28	4	0	1	1000	14105	861
regular wage/ salary earning	6	93	837	0	7	0	26	1	0	29	1000	14365	689
casual labour	13	678	217	0	40	0	49	0	0	2	1000	5344	279
others	2	134	562	0	16	0	97	0	0	184	1000	3025	149
all	**8**	**257**	**652**	**0**	**18**	**0**	**36**	**2**	**0**	**27**	**1000**	**36909**	**1981**
no. of sample hhs	23	557	1272	0	28	0	64	4	1	31	1981	x	x
Maharashtra													
self-employed	3	58	799	0	0	0	91	0	21	27	1000	36953	1399
regular wage/ salary earning	1	19	804	0	0	0	99	2	12	62	1000	56996	1811
casual labour	4	293	468	0	0	0	218	0	2	15	1000	11104	427
others	0	23	555	0	0	0	30	5	3	384	1000	12308	376
all	**2**	**57**	**745**	**0**	**0**	**0**	**101**	**2**	**13**	**80**	**1000**	**117361**	**4013**
no. of sample hhs	10	362	3072	0	0	1	321	7	52	188	4013	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Manipur													
self-employed	1	369	558	0	0	59	9	3	0	0	1000	703	615
regular wage/ salary earning	0	128	838	0	0	34	0	0	0	0	1000	366	361
casual labour	0	466	415	0	0	109	11	0	0	0	1000	46	55
others	0	229	666	0	5	61	19	8	0	12	1000	174	153
all	**1**	**285**	**647**	**0**	**1**	**54**	**8**	**2**	**0**	**2**	**1000**	**1289**	**1184**
no. of sample hhs	1	322	786	0	1	63	6	3	0	2	1184	x	x
Meghalaya													
self-employed	0	209	624	0	9	53	83	22	0	0	1000	334	123
regular wage/ salary earning	0	87	748	0	0	15	53	94	0	3	1000	582	207
casual labour	0	436	193	0	0	80	4	261	0	24	1000	71	41
others	0	47	436	0	0	18	41	70	0	388	1000	127	33
all	**0**	**141**	**640**	**0**	**3**	**31**	**57**	**80**	**0**	**48**	**1000**	**1114**	**404**
no. of sample hhs	0	91	233	0	2	16	25	26	0	11	404	x	x
Mizoram													
self-employed	0	61	936	0	0	2	1	0	0	0	1000	311	315
regular wage/ salary earning	1	21	975	0	0	0	3	0	0	0	1000	463	450
casual labour	0	242	726	0	0	0	28	4	0	0	1000	86	80
others	0	75	925	0	0	0	0	0	0	0	1000	60	50
all	**0**	**58**	**936**	**0**	**0**	**1**	**5**	**0**	**0**	**0**	**1000**	**923**	**896**
no. of sample hhs	1	43	844	0	0	1	6	1	0	0	896	x	x
Nagaland													
self-employed	0	160	840	0	0	0	0	0	0	0	1000	325	135
regular wage/ salary earning	0	119	881	0	0	0	0	0	0	0	1000	430	180
casual labour	0	535	183	0	0	0	282	0	0	0	1000	8	5
others	0	90	910	0	0	0	0	0	0	0	1000	103	32
all	**0**	**135**	**863**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**1000**	**866**	**352**
no. of sample hhs	0	78	273	0	0	0	1	0	0	0	352	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Odisha													
self-employed	19	493	364	0	2	1	82	17	16	6	1000	5689	385
regular wage/ salary earning	46	185	633	0	0	3	35	20	0	77	1000	5658	408
casual labour	113	744	87	0	11	9	0	0	24	12	1000	1896	130
others	0	150	410	0	0	3	28	0	10	398	1000	2000	129
all	**38**	**365**	**435**	**0**	**2**	**3**	**48**	**14**	**10**	**85**	**1000**	**15242**	**1052**
no. of sample hhs	33	420	448	0	4	13	40	15	10	69	1052	x	x
Punjab													
self-employed	0	84	810	2	50	0	45	2	0	7	1000	8629	667
regular wage/ salary earning	2	37	776	0	14	0	141	5	0	25	1000	9269	578
casual labour	0	172	536	0	58	0	224	0	10	0	1000	2392	170
others	0	14	685	0	9	0	16	17	12	237	1000	2380	151
all	**1**	**67**	**754**	**1**	**32**	**0**	**100**	**4**	**2**	**38**	**1000**	**22670**	**1566**
no. of sample hhs	1	125	1232	2	68	0	104	7	3	22	1566	x	x
Rajasthan													
self-employed	0	192	787	0	0	0	20	0	0	0	1000	11964	639
regular wage/ salary earning	12	103	857	0	2	0	6	0	0	20	1000	10356	511
casual labour	0	546	372	0	11	0	70	0	0	1	1000	3971	201
others	5	58	526	0	0	0	10	0	0	401	1000	4957	201
all	**5**	**187**	**716**	**0**	**2**	**0**	**20**	**0**	**0**	**70**	**1000**	**31248**	**1552**
no. of sample hhs	5	345	1116	0	5	0	35	0	0	46	1552	x	x
Sikkim													
self-employed	0	8	928	0	0	0	38	0	0	26	1000	91	45
regular wage/ salary earning	0	2	922	0	0	0	6	0	0	69	1000	149	88
casual labour	0	0	823	0	0	0	177	0	0	0	1000	14	9
others	0	0	437	0	0	0	0	0	0	563	1000	61	18
all	**0**	**3**	**826**	**0**	**0**	**0**	**22**	**0**	**0**	**149**	**1000**	**315**	**160**
no. of sample hhs	0	3	132	0	0	0	8	0	0	17	160	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Tamil Nadu													
self-employed	0	82	852	0	0	0	59	1	0	6	1000	23525	946
regular wage/ salary earning	0	44	775	0	0	0	75	0	0	107	1000	34868	1274
casual labour	0	312	510	0	0	0	160	1	0	17	1000	17548	720
others	0	73	515	0	0	0	55	12	0	345	1000	11156	387
all	**0**	**112**	**709**	**0**	**0**	**0**	**85**	**2**	**0**	**92**	**1000**	**87098**	**3327**
no. of sample hhs	0	479	2379	0	0	0	259	5	0	205	3327	x	x
Tripura													
self-employed	0	319	654	0	0	0	12	0	0	14	1000	582	192
regular wage/ salary earning	0	139	828	0	0	0	33	0	0	0	1000	518	183
casual labour	0	829	137	0	0	0	34	0	0	0	1000	189	82
others	0	78	770	0	0	0	110	0	0	43	1000	259	87
all	**0**	**281**	**668**	**0**	**0**	**0**	**38**	**0**	**0**	**13**	**1000**	**1548**	**544**
no. of sample hhs	0	205	311	0	0	0	22	0	0	6	544	x	x
Uttar Pradesh													
self-employed	8	229	638	0	108	1	10	1	4	2	1000	36492	1534
regular wage/ salary earning	7	107	835	0	15	1	14	11	2	7	1000	24891	909
casual labour	4	487	371	0	124	0	5	0	4	5	1000	10547	380
others	0	83	676	0	43	0	5	0	5	190	1000	8072	276
all	**6**	**210**	**668**	**0**	**75**	**1**	**10**	**4**	**3**	**23**	**1000**	**80002**	**3099**
no. of sample hhs	27	795	1909	0	247	3	50	13	18	37	3099	x	x
Uttarakhand													
self-employed	0	204	777	0	4	0	16	0	0	0	1000	2552	298
regular wage/ salary earning	0	40	903	0	7	0	18	0	0	33	1000	2011	292
casual labour	0	698	266	0	16	0	20	0	0	0	1000	395	55
others	0	45	794	0	0	0	7	0	0	154	1000	690	89
all	**0**	**161**	**788**	**0**	**5**	**0**	**16**	**0**	**0**	**31**	**1000**	**5648**	**734**
no. of sample hhs	0	80	602	0	4	0	30	0	0	18	734	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
West Bengal													
self-employed	161	130	573	0	10	0	90	1	14	22	1000	22547	1039
regular wage/ salary earning	116	42	644	0	1	0	91	3	10	94	1000	22442	1050
casual labour	209	297	227	0	13	0	128	3	27	96	1000	7902	323
others	40	35	661	0	4	0	30	0	5	225	1000	7810	333
all	**135**	**107**	**565**	**0**	**6**	**0**	**87**	**2**	**13**	**84**	**1000**	**60705**	**2746**
no. of sample hhs	387	346	1617	0	16	0	201	4	36	139	2746	x	x
A & N Islands													
self-employed	0	0	744	0	0	0	226	0	0	31	1000	53	43
regular wage/ salary earning	0	14	831	0	0	0	126	0	8	21	1000	226	179
casual labour	0	55	172	0	0	0	762	0	0	11	1000	43	43
others	0	66	555	0	0	0	96	0	0	282	1000	33	23
all	**0**	**22**	**713**	**0**	**0**	**0**	**215**	**0**	**5**	**46**	**1000**	**355**	**288**
no. of sample hhs	0	7	201	0	0	0	67	0	1	12	288	x	x
Chandigarh													
self-employed	0	115	716	0	0	0	153	0	0	16	1000	516	68
regular wage/ salary earning	0	18	805	0	0	0	100	0	0	77	1000	1398	149
casual labour	0	111	444	0	0	0	419	0	0	26	1000	174	20
others	0	0	850	0	0	0	0	0	0	150	1000	64	11
all	**0**	**48**	**756**	**0**	**0**	**0**	**136**	**0**	**0**	**61**	**1000**	**2152**	**248**
no. of sample hhs	0	17	171	0	0	0	42	0	0	18	248	x	x
Dadra & N. Haveli													
self-employed	0	133	867	0	0	0	0	0	0	0	1000	66	19
regular wage/ salary earning	0	34	709	0	0	0	253	0	0	4	1000	281	70
casual labour	0	102	488	0	0	0	410	0	0	0	1000	12	5
others	0	0	0	0	0	0	0	0	0	0	0	0	0
all	**0**	**54**	**731**	**0**	**0**	**0**	**211**	**0**	**0**	**3**	**1000**	**359**	**94**
no. of sample hhs	0	6	75	0	0	0	11	0	0	2	94	x	x

* all including n.r. cases

Table 2U: Per 1000 distribution of urban households of each household type by primary source of energy for cooking
Urban

household type	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Daman & Diu													
self-employed	0	26	886	0	0	0	88	0	0	0	1000	51	22
regular wage/ salary earning	0	56	702	0	0	0	60	0	0	183	1000	93	37
casual labour	0	525	475	0	0	0	0	0	0	0	1000	7	3
others	0	0	1000	0	0	0	0	0	0	0	1000	3	2
all	**0**	**67**	**757**	**0**	**0**	**0**	**65**	**0**	**0**	**110**	**1000**	**154**	**64**
no. of sample hhs	0	7	49	0	0	0	4	0	0	4	64	x	x
Lakshadweep													
self-employed	0	219	487	0	0	0	174	9	0	111	1000	8	20
regular wage/ salary earning	0	214	495	0	0	0	178	76	0	37	1000	28	66
casual labour	0	429	15	0	0	0	212	93	0	251	1000	6	20
others	0	351	578	0	0	0	72	0	0	0	1000	9	22
all	**0**	**263**	**453**	**0**	**0**	**0**	**163**	**55**	**0**	**67**	**1000**	**51**	**128**
no. of sample hhs	0	37	53	0	0	0	19	10	0	9	128	x	x
Puducherry													
self-employed	0	68	857	0	0	0	48	0	0	27	1000	442	101
regular wage/ salary earning	0	61	792	0	0	0	30	0	0	117	1000	1054	224
casual labour	0	221	738	0	0	0	35	0	0	6	1000	339	64
others	0	24	575	0	0	0	3	0	0	397	1000	347	59
all	**0**	**81**	**762**	**0**	**0**	**0**	**30**	**0**	**0**	**126**	**1000**	**2182**	**448**
no. of sample hhs	0	52	338	0	0	0	14	0	0	44	448	x	x
All-India													
self-employed	24	152	735	0	21	1	45	2	11	9	1000	271113	15544
regular wage/ salary earning	17	66	766	0	3	0	62	4	12	69	1000	320668	16361
casual labour	42	412	389	0	27	1	102	1	8	18	1000	99902	5429
others	6	66	569	0	7	1	29	8	8	306	1000	90514	4618
all	**21**	**140**	**684**	**0**	**13**	**1**	**57**	**3**	**11**	**69**	**1000**	**782319**	**41968**
no. of sample hhs	914	7483	28912	6	520	115	1907	245	313	1546	41968	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pradesh													
													Rural
ST	10	843	89	0	0	0	4	0	0	55	1000	12259	284
SC	0	782	177	0	7	0	3	0	0	32	1000	33909	784
OBC	2	696	290	0	0	0	2	0	1	9	1000	78999	2024
others	3	395	524	1	0	4	2	1	10	60	1000	26390	833
all	**2**	**675**	**289**	**0**	**2**	**1**	**2**	**0**	**2**	**27**	**1000**	**151556**	**3925**
estd. no. of hhs(00)	343	102255	43844	45	237	137	356	20	294	4024	151556	x	x
no. of sample hhs	7	2306	1550	6	3	6	15	1	2	29	3925	x	x
													Urban
ST	0	139	638	0	0	0	29	0	0	194	1000	1460	71
SC	0	215	592	0	0	3	47	3	0	141	1000	8745	389
OBC	3	100	770	0	0	2	27	9	0	90	1000	39241	1518
others	0	62	845	0	0	0	19	5	0	69	1000	26123	993
all	**1**	**101**	**773**	**0**	**0**	**1**	**27**	**6**	**0**	**91**	**1000**	**75569**	**2971**
estd. no. of hhs(00)	107	7641	58390	0	0	90	2013	488	0	6840	75569	x	x
no. of sample hhs	5	429	2283	0	0	3	93	19	0	139	2971	x	x
Arunachal Pradesh													
													Rural
ST	4	731	229	0	2	0	8	1	0	25	1000	1266	820
SC	0	276	592	0	0	0	132	0	0	0	1000	29	19
OBC	0	11	989	0	0	0	0	0	0	0	1000	107	13
others	0	609	385	0	0	0	5	1	0	0	1000	399	212
all	**3**	**654**	**314**	**0**	**1**	**0**	**9**	**1**	**0**	**18**	**1000**	**1807**	**1066**
estd. no. of hhs(00)	5	1182	567	0	3	0	16	1	0	32	1807	x	x
no. of sample hhs	2	724	318	0	1	0	13	2	1	5	1066	x	x
													Urban
ST	1	112	865	0	0	0	4	18	0	0	1000	248	328
SC	0	72	732	0	0	0	0	195	0	0	1000	10	15
OBC	0	33	967	0	0	0	0	0	0	0	1000	14	22
others	0	141	809	0	0	0	23	27	0	0	1000	214	243
all	**0**	**122**	**841**	**0**	**0**	**0**	**12**	**25**	**0**	**0**	**1000**	**486**	**608**
estd. no. of hhs(00)	0	59	409	0	0	0	6	12	0	0	486	x	x
no. of sample hhs	1	76	508	0	0	0	8	15	0	0	608	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Assam													
													Rural
ST	0	867	122	5	0	0	6	0	0	0	1000	8145	500
SC	0	767	219	0	0	3	11	0	0	0	1000	4755	271
OBC	0	789	177	6	0	0	1	0	0	26	1000	14808	717
others	2	812	177	3	0	0	0	0	3	2	1000	22874	1118
all	**1**	**810**	**172**	**4**	**0**	**0**	**3**	**0**	**1**	**9**	**1000**	**50592**	**2607**
estd. no. of hhs(00)	51	40980	8709	197	0	13	131	0	64	448	50592	x	x
no. of sample hhs	1	1844	739	7	0	1	9	0	2	4	2607	x	x
													Urban
ST	0	169	729	0	0	0	16	0	0	86	1000	524	99
SC	0	325	570	0	2	0	34	0	68	1	1000	1204	118
OBC	0	99	739	0	0	0	70	0	1	90	1000	1614	203
others	3	147	738	0	1	0	64	0	21	26	1000	3944	412
all	**1**	**168**	**710**	**0**	**1**	**0**	**57**	**0**	**23**	**40**	**1000**	**7287**	**832**
estd. no. of hhs(00)	10	1221	5173	0	6	0	417	0	166	294	7287	x	x
no. of sample hhs	2	150	606	0	3	0	29	0	8	34	832	x	x
Bihar													
													Rural
ST	0	773	14	0	116	0	0	0	98	0	1000	2759	44
SC	0	496	16	0	220	0	26	0	241	0	1000	31713	552
OBC	9	576	42	0	213	0	0	0	159	1	1000	97524	1979
others	4	576	163	0	189	0	0	0	66	1	1000	29997	732
all	**6**	**564**	**59**	**0**	**208**	**0**	**5**	**0**	**157**	**1**	**1000**	**162107**	**3310**
estd. no. of hhs(00)	997	91385	9530	0	33772	0	870	13	25416	124	162107	x	x
no. of sample hhs	20	1681	427	0	756	0	14	1	407	4	3310	x	x
													Urban
ST	8	386	587	0	19	0	0	0	0	0	1000	212	17
SC	50	307	493	0	82	0	2	9	50	7	1000	2640	152
OBC	48	292	561	0	64	0	6	1	19	10	1000	10776	740
others	14	100	785	0	18	25	7	0	25	27	1000	4309	360
all	**40**	**249**	**605**	**0**	**55**	**6**	**5**	**2**	**25**	**13**	**1000**	**17948**	**1270**
estd. no. of hhs(00)	711	4471	10867	0	985	107	96	29	444	235	17948	x	x
no. of sample hhs	55	338	733	0	80	2	8	2	38	13	1270	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Chhattisgarh													
													Rural
ST	0	961	8	0	8	0	0	0	9	14	1000	15191	485
SC	14	934	8	0	41	0	2	0	0	0	1000	5796	193
OBC	16	907	20	0	50	0	4	2	0	0	1000	17114	666
others	0	908	53	18	13	0	2	0	0	6	1000	1411	96
all	**9**	**932**	**15**	**1**	**31**	**0**	**2**	**1**	**3**	**6**	**1000**	**39514**	**1440**
estd. no. of hhs(00)	355	36821	585	40	1237	0	85	30	134	227	39514	x	x
no. of sample hhs	10	1289	75	4	38	0	13	3	1	7	1440	x	x
													Urban
ST	23	458	304	0	0	8	25	1	0	181	1000	1790	168
SC	171	344	272	0	126	0	53	13	0	21	1000	1762	81
OBC	146	435	317	1	30	0	30	5	4	33	1000	5758	292
others	64	75	734	0	1	0	5	28	33	60	1000	2564	193
all	**113**	**347**	**398**	**1**	**33**	**1**	**27**	**10**	**9**	**59**	**1000**	**11874**	**734**
estd. no. of hhs(00)	1345	4124	4731	8	394	16	323	121	107	705	11874	x	x
no. of sample hhs	57	264	337	1	9	2	21	9	4	30	734	x	x
Delhi													
													Rural
ST	0	0	1000	0	0	0	0	0	0	0	1000	96	3
SC	0	71	929	0	0	0	0	0	0	0	1000	692	13
OBC	0	23	650	0	0	0	0	0	0	327	1000	202	11
others	0	0	953	0	0	0	0	0	0	47	1000	1398	36
all	**0**	**23**	**922**	**0**	**0**	**0**	**0**	**0**	**0**	**55**	**1000**	**2387**	**63**
estd. no. of hhs(00)	0	54	2201	0	0	0	0	0	0	132	2387	x	x
no. of sample hhs	0	2	59	0	0	0	0	0	0	2	63	x	x
													Urban
ST	0	58	822	0	0	0	0	0	0	120	1000	590	22
SC	0	17	876	0	0	2	41	8	20	35	1000	5010	173
OBC	9	2	854	0	0	0	9	0	7	120	1000	5590	146
others	0	2	851	0	0	0	13	3	66	64	1000	18296	541
all	**2**	**6**	**856**	**0**	**0**	**0**	**17**	**3**	**46**	**71**	**1000**	**29486**	**882**
estd. no. of hhs(00)	48	171	25228	0	0	10	491	95	1347	2096	29486	x	x
no. of sample hhs	1	23	710	0	0	1	16	3	43	85	882	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Goa													
													Rural
ST	0	134	526	0	0	0	340	0	0	0	1000	105	15
SC	0	957	43	0	0	0	0	0	0	0	1000	30	3
OBC	0	245	736	0	0	0	19	0	0	0	1000	169	23
others	0	144	677	7	0	0	172	0	0	0	1000	1305	118
all	**0**	**169**	**662**	**6**	**0**	**0**	**164**	**0**	**0**	**0**	**1000**	**1610**	**159**
estd. no. of hhs(00)	0	272	1065	9	0	0	264	0	0	0	1610	x	x
no. of sample hhs	0	26	120	2	0	0	11	0	0	0	159	x	x
													Urban
ST	0	0	355	0	0	0	131	0	0	515	1000	40	6
SC	0	0	917	0	0	0	83	0	0	0	1000	71	11
OBC	0	58	942	0	0	0	0	0	0	0	1000	258	43
others	0	31	911	0	0	0	25	0	0	33	1000	1341	228
all	**0**	**33**	**903**	**0**	**0**	**0**	**26**	**0**	**0**	**38**	**1000**	**1710**	**288**
estd. no. of hhs(00)	0	57	1543	0	0	0	44	0	0	65	1710	x	x
no. of sample hhs	0	10	262	0	0	0	11	0	0	5	288	x	x
Gujarat													
													Rural
ST	2	926	26	1	0	0	2	0	0	43	1000	18981	439
SC	0	777	116	0	32	0	75	0	0	0	1000	5052	133
OBC	0	827	114	0	11	0	48	0	0	0	1000	29881	770
others	0	582	339	26	10	0	38	3	0	2	1000	15147	370
all	**0**	**797**	**139**	**6**	**9**	**0**	**35**	**1**	**0**	**12**	**1000**	**69060**	**1712**
estd. no. of hhs(00)	33	55037	9631	427	641	0	2419	38	2	832	69060	x	x
no. of sample hhs	1	1247	352	9	13	0	79	2	1	8	1712	x	x
													Urban
ST	0	295	429	0	0	0	157	0	45	74	1000	2147	91
SC	0	145	725	0	0	0	53	0	1	77	1000	3240	119
OBC	5	319	476	0	6	0	86	0	33	74	1000	19875	629
others	12	54	710	0	1	0	119	0	78	26	1000	32406	878
all	**9**	**159**	**620**	**0**	**3**	**0**	**105**	**0**	**57**	**47**	**1000**	**57668**	**1717**
estd. no. of hhs(00)	507	9184	35735	12	145	0	6069	0	3305	2710	57668	x	x
no. of sample hhs	6	246	1177	1	4	0	139	0	93	51	1717	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Haryana													
													Rural
ST	0	349	60	0	351	0	0	0	12	229	1000	527	21
SC	0	392	187	0	336	0	30	0	55	0	1000	9570	410
OBC	0	461	251	0	223	0	11	5	49	0	1000	9481	376
others	0	407	332	0	196	0	2	0	63	0	1000	15576	616
all	**0**	**417**	**267**	**0**	**244**	**0**	**12**	**2**	**56**	**3**	**1000**	**35153**	**1423**
estd. no. of hhs(00)	0	14649	9371	0	8565	0	417	56	1975	121	35153	x	x
no. of sample hhs	0	627	346	0	376	0	9	3	61	1	1423	x	x
													Urban
ST	0	85	867	0	48	0	0	0	0	0	1000	319	15
SC	0	172	705	0	63	0	30	0	21	9	1000	2530	205
OBC	0	71	801	0	63	0	19	0	0	46	1000	4764	283
others	0	26	935	0	8	2	7	1	0	20	1000	10180	663
all	**0**	**60**	**865**	**0**	**31**	**1**	**14**	**1**	**3**	**25**	**1000**	**17793**	**1166**
estd. no. of hhs(00)	0	1062	15398	0	551	23	242	15	53	449	17793	x	x
no. of sample hhs	0	93	997	0	39	2	14	1	4	16	1166	x	x
Himachal Pradesh													
													Rural
ST	0	680	303	0	13	0	0	4	0	0	1000	941	201
SC	0	832	152	0	0	0	13	3	0	0	1000	2817	345
OBC	3	734	256	0	0	0	4	0	0	3	1000	2644	296
others	0	688	285	0	0	0	13	2	0	14	1000	6836	815
all	**1**	**727**	**252**	**0**	**1**	**0**	**10**	**2**	**0**	**8**	**1000**	**13237**	**1657**
estd. no. of hhs(00)	9	9624	3336	0	12	0	134	23	0	100	13237	x	x
no. of sample hhs	1	1174	456	0	1	0	15	5	0	5	1657	x	x
													Urban
ST	0	19	473	0	0	0	4	0	0	503	1000	109	12
SC	0	136	626	0	0	3	66	0	0	168	1000	332	66
OBC	0	99	637	0	0	0	123	0	0	141	1000	231	44
others	0	36	765	0	7	2	74	18	0	98	1000	1598	261
all	**0**	**56**	**718**	**0**	**5**	**2**	**74**	**13**	**0**	**132**	**1000**	**2269**	**383**
estd. no. of hhs(00)	0	128	1628	0	12	4	168	29	0	300	2269	x	x
no. of sample hhs	0	42	284	0	4	2	23	4	0	24	383	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Jammu & Kashmir													
													Rural
ST	0	720	198	0	11	0	71	0	0	0	1000	1516	231
SC	0	690	243	0	66	0	0	0	0	0	1000	1593	170
OBC	0	749	165	0	65	0	19	2	0	0	1000	2091	269
others	0	653	302	0	5	1	19	11	4	6	1000	9216	1362
all	**0**	**678**	**265**	**0**	**21**	**0**	**22**	**8**	**3**	**4**	**1000**	**14417**	**2032**
estd. no. of hhs(00)	0	9775	3815	0	302	5	317	108	41	53	14417	x	x
no. of sample hhs	0	1293	619	0	32	2	62	17	2	5	2032	x	x
													Urban
ST	0	57	637	0	0	0	32	0	0	274	1000	211	84
SC	0	245	682	0	21	0	23	28	0	0	1000	586	133
OBC	0	163	732	0	0	0	21	6	0	78	1000	199	48
others	1	74	810	0	0	5	42	42	0	16	1000	3711	1090
all	**1**	**98**	**783**	**0**	**3**	**4**	**39**	**37**	**0**	**28**	**1000**	**4708**	**1355**
estd. no. of hhs(00)	3	464	3685	0	13	17	182	174	0	134	4708	x	x
no. of sample hhs	1	154	1041	0	2	5	61	73	0	15	1355	x	x
Jharkhand													
													Rural
ST	108	825	22	0	0	0	2	0	0	44	1000	14537	499
SC	113	805	16	0	53	0	0	0	14	0	1000	7170	254
OBC	176	752	33	0	29	0	6	0	0	4	1000	19056	795
others	171	680	56	0	85	0	0	0	0	7	1000	4106	209
all	**143**	**777**	**29**	**0**	**29**	**0**	**3**	**0**	**2**	**16**	**1000**	**44869**	**1757**
estd. no. of hhs(00)	6432	34885	1281	0	1293	0	150	0	97	732	44869	x	x
no. of sample hhs	299	1291	91	0	53	0	4	0	1	18	1757	x	x
													Urban
ST	362	117	365	0	0	0	1	8	0	147	1000	1890	137
SC	622	86	222	0	0	0	1	0	0	69	1000	1256	129
OBC	376	54	473	0	10	0	19	18	0	50	1000	6010	435
others	101	21	808	0	3	0	9	1	0	58	1000	4167	279
all	**311**	**56**	**539**	**0**	**5**	**0**	**12**	**9**	**0**	**68**	**1000**	**13323**	**980**
estd. no. of hhs(00)	4146	741	7175	0	70	2	155	126	0	909	13323	x	x
no. of sample hhs	297	113	500	0	4	1	13	6	0	46	980	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Karnataka													
													Rural
ST	0	865	39	0	0	0	42	0	0	54	1000	5543	120
SC	0	935	56	0	0	0	9	0	0	0	1000	14312	312
OBC	0	785	170	4	0	0	22	0	0	18	1000	43705	1148
others	0	732	195	23	0	0	16	0	0	34	1000	17765	468
all	**0**	**805**	**147**	**7**	**0**	**0**	**20**	**0**	**0**	**21**	**1000**	**81325**	**2048**
estd. no. of hhs(00)	0	65502	11925	599	0	0	1617	0	0	1681	81325	x	x
no. of sample hhs	0	1532	437	19	0	0	38	0	0	22	2048	x	x
													Urban
ST	0	437	452	0	0	0	21	4	0	85	1000	2284	104
SC	0	248	435	0	0	0	146	0	0	172	1000	6438	279
OBC	0	152	686	2	0	0	76	3	0	81	1000	25996	1087
others	0	68	672	0	0	0	35	4	0	220	1000	17377	578
all	**0**	**148**	**640**	**1**	**0**	**0**	**68**	**3**	**0**	**139**	**1000**	**52095**	**2048**
estd. no. of hhs(00)	0	7733	33343	45	0	0	3563	167	0	7244	52095	x	x
no. of sample hhs	0	451	1326	2	0	0	131	15	0	123	2048	x	x
Kerala													
													Rural
ST	29	859	26	0	0	0	0	0	0	87	1000	879	31
SC	0	839	138	7	0	0	1	5	0	10	1000	6195	231
OBC	0	687	294	0	0	0	1	2	0	16	1000	34274	1571
others	1	529	423	14	0	0	1	3	0	29	1000	15577	775
all	**1**	**663**	**308**	**5**	**0**	**0**	**1**	**2**	**0**	**20**	**1000**	**56925**	**2608**
estd. no. of hhs(00)	38	37733	17553	260	0	0	75	129	0	1138	56925	x	x
no. of sample hhs	2	1557	990	14	0	0	5	6	0	34	2608	x	x
													Urban
ST	0	257	328	0	0	0	0	0	0	415	1000	328	25
SC	0	547	349	0	0	0	9	0	0	95	1000	1269	106
OBC	0	410	531	0	0	0	7	0	2	50	1000	14324	1227
others	0	216	666	0	0	0	5	14	0	100	1000	5995	496
all	**0**	**363**	**554**	**0**	**0**	**0**	**6**	**4**	**1**	**72**	**1000**	**21916**	**1854**
estd. no. of hhs(00)	2	7951	12148	0	0	0	132	90	22	1571	21916	x	x
no. of sample hhs	1	717	1035	0	0	0	11	3	2	85	1854	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Madhya Pradesh													
													Rural
ST	2	952	22	0	9	0	0	0	0	14	1000	28954	637
SC	0	783	42	0	175	0	0	0	0	0	1000	18433	426
OBC	4	769	59	10	142	0	11	0	0	5	1000	43829	1220
others	1	664	182	22	105	0	4	2	0	20	1000	13923	449
all	**2**	**808**	**62**	**7**	**106**	**0**	**5**	**0**	**0**	**8**	**1000**	**105234**	**2735**
estd. no. of hhs(00)	232	85038	6553	728	11186	0	571	34	0	892	105234	x	x
no. of sample hhs	5	2169	265	21	253	0	12	1	0	9	2735	x	x
													Urban
ST	26	334	509	0	13	0	51	0	0	67	1000	2716	160
SC	3	468	434	0	23	0	33	12	0	28	1000	5255	263
OBC	7	299	593	0	26	0	51	0	0	24	1000	16720	892
others	6	93	858	0	5	0	13	0	0	23	1000	12200	664
all	**8**	**257**	**652**	**0**	**18**	**0**	**36**	**2**	**0**	**27**	**1000**	**36909**	**1981**
estd. no. of hhs(00)	277	9497	24069	0	650	0	1330	67	6	996	36909	x	x
no. of sample hhs	23	557	1272	0	28	0	64	4	1	31	1981	x	x
Maharashtra													
													Rural
ST	0	747	66	0	8	1	11	0	48	119	1000	18662	451
SC	0	667	179	0	0	0	13	0	113	29	1000	18896	480
OBC	1	639	261	5	0	0	11	0	63	19	1000	51830	1618
others	0	530	286	10	2	0	6	0	135	30	1000	45286	1482
all	**0**	**621**	**231**	**5**	**2**	**0**	**10**	**0**	**92**	**38**	**1000**	**134674**	**4031**
estd. no. of hhs(00)	53	83650	31133	723	252	26	1299	0	12407	5132	134674	x	x
no. of sample hhs	1	2173	1395	26	7	3	63	0	322	41	4031	x	x
													Urban
ST	11	127	490	0	0	0	208	0	9	156	1000	4644	151
SC	3	96	737	0	0	0	138	0	8	18	1000	20057	620
OBC	2	46	769	0	0	0	104	1	8	70	1000	33639	1247
others	1	45	753	0	0	0	78	3	18	102	1000	59021	1995
all	**2**	**57**	**745**	**0**	**0**	**0**	**101**	**2**	**13**	**80**	**1000**	**117361**	**4013**
estd. no. of hhs(00)	209	6729	87404	0	0	14	11820	208	1528	9448	117361	x	x
no. of sample hhs	10	362	3072	0	0	1	321	7	52	188	4013	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Manipur													
													Rural
ST	0	747	247	0	0	5	0	0	0	0	1000	1371	617
SC	0	795	180	0	0	0	0	0	0	24	1000	110	47
OBC	1	534	434	0	1	2	4	0	0	24	1000	1635	608
others	0	601	384	0	0	15	0	0	0	0	1000	213	104
all	**0**	**635**	**346**	**0**	**1**	**4**	**2**	**0**	**0**	**12**	**1000**	**3329**	**1376**
estd. no. of hhs(00)	1	2113	1151	0	2	14	6	0	0	41	3329	x	x
no. of sample hhs	2	793	567	0	1	8	1	0	0	4	1376	x	x
													Urban
ST	0	119	699	0	0	101	45	0	0	36	1000	58	52
SC	0	619	381	0	0	0	0	0	0	0	1000	103	88
OBC	1	305	641	0	1	48	4	0	0	0	1000	924	814
others	0	75	793	0	0	96	19	15	0	0	1000	203	230
all	**1**	**285**	**647**	**0**	**1**	**54**	**8**	**2**	**0**	**2**	**1000**	**1289**	**1184**
estd. no. of hhs(00)	1	368	834	0	1	70	10	3	0	2	1289	x	x
no. of sample hhs	1	322	786	0	1	63	6	3	0	2	1184	x	x
Meghalaya													
													Rural
ST	0	913	52	0	0	0	9	10	0	16	1000	3889	807
SC	0	1000	0	0	0	0	0	0	0	0	1000	18	1
OBC	0	1000	0	0	0	0	0	0	0	0	1000	8	2
others	0	853	106	0	0	0	14	27	0	0	1000	224	46
all	**0**	**910**	**55**	**0**	**0**	**0**	**10**	**11**	**0**	**15**	**1000**	**4138**	**856**
estd. no. of hhs(00)	0	3766	227	0	0	0	40	44	0	62	4138	x	x
no. of sample hhs	0	759	76	0	0	0	5	13	0	3	856	x	x
													Urban
ST	0	188	611	0	0	26	43	77	0	56	1000	807	310
SC	0	0	446	0	0	0	200	274	0	80	1000	27	10
OBC	0	40	635	0	0	0	143	0	0	182	1000	20	14
others	0	19	752	0	12	53	80	77	0	8	1000	260	70
all	**0**	**141**	**640**	**0**	**3**	**31**	**57**	**80**	**0**	**48**	**1000**	**1114**	**404**
estd. no. of hhs(00)	0	157	713	0	3	34	64	89	0	53	1114	x	x
no. of sample hhs	0	91	233	0	2	16	25	26	0	11	404	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Mizoram													
													Rural
ST	0	589	404	0	0	0	7	0	0	0	1000	1026	617
SC	0	0	1000	0	0	0	0	0	0	0	1000	2	2
OBC	0	916	84	0	0	0	0	0	0	0	1000	24	10
others	0	788	212	0	0	0	0	0	0	0	1000	37	11
all	**0**	**602**	**391**	**0**	**0**	**0**	**7**	**0**	**0**	**0**	**1000**	**1090**	**640**
estd. no. of hhs(00)	0	656	426	0	0	0	8	0	0	0	1090	x	x
no. of sample hhs	0	281	353	0	0	0	6	0	0	0	640	x	x
													Urban
ST	0	60	936	0	0	1	3	0	0	0	1000	896	869
SC	0	0	840	0	0	0	160	0	0	0	1000	3	6
OBC	0	0	907	0	0	0	93	0	0	0	1000	13	9
others	0	0	979	0	0	0	21	0	0	0	1000	9	11
all	**0**	**58**	**936**	**0**	**0**	**1**	**5**	**0**	**0**	**0**	**1000**	**923**	**896**
estd. no. of hhs(00)	0	54	863	0	0	1	4	0	0	0	923	x	x
no. of sample hhs	1	43	844	0	0	1	6	1	0	0	896	x	x
Nagaland													
													Rural
ST	0	470	530	0	0	0	0	0	0	0	1000	1430	666
SC	0	0	0	0	0	0	0	0	0	0	0	0	0
OBC	0	89	911	0	0	0	0	0	0	0	1000	19	6
others	0	0	0	0	0	0	0	0	0	0	0	0	0
all	**0**	**466**	**534**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1000**	**1448**	**672**
estd. no. of hhs(00)	0	674	774	0	0	0	0	0	0	0	1448	x	x
no. of sample hhs	0	222	450	0	0	0	0	0	0	0	672	x	x
													Urban
ST	0	136	861	0	0	0	3	0	0	0	1000	733	334
SC	0	0	1000	0	0	0	0	0	0	0	1000	20	3
OBC	0	1000	0	0	0	0	0	0	0	0	1000	3	1
others	0	127	873	0	0	0	0	0	0	0	1000	111	14
all	**0**	**135**	**863**	**0**	**0**	**0**	**3**	**0**	**0**	**0**	**1000**	**866**	**352**
estd. no. of hhs(00)	0	117	747	0	0	0	2	0	0	0	866	x	x
no. of sample hhs	0	78	273	0	0	0	1	0	0	0	352	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Odisha													
													Rural
ST	0	945	12	0	14	0	0	0	13	16	1000	18952	636
SC	8	897	8	0	12	0	1	3	71	2	1000	15610	570
OBC	11	850	36	6	21	1	1	2	71	3	1000	29128	1159
others	19	773	129	1	26	4	7	2	38	1	1000	12451	609
all	**9**	**870**	**39**	**2**	**18**	**1**	**2**	**2**	**51**	**6**	**1000**	**76142**	**2974**
estd. no. of hhs(00)	666	66274	2978	177	1372	76	138	132	3897	432	76142	x	x
no. of sample hhs	26	2494	224	6	47	4	8	10	144	11	2974	x	x
													Urban
ST	38	411	189	0	0	6	69	12	12	262	1000	1301	107
SC	29	729	113	0	0	1	28	39	2	58	1000	3341	209
OBC	42	369	395	0	3	7	93	12	23	55	1000	4345	347
others	40	158	687	0	3	1	22	2	5	82	1000	6256	389
all	**38**	**365**	**435**	**0**	**2**	**3**	**48**	**14**	**10**	**85**	**1000**	**15242**	**1052**
estd. no. of hhs(00)	580	5562	6637	0	33	50	724	212	155	1289	15242	x	x
no. of sample hhs	33	420	448	0	4	13	40	15	10	69	1052	x	x
Punjab													
													Rural
ST	0	220	780	0	0	0	0	0	0	0	1000	63	3
SC	0	367	198	0	333	0	31	4	46	20	1000	16629	692
OBC	0	233	393	10	281	0	59	0	24	0	1000	4285	179
others	0	252	408	14	272	0	11	0	20	23	1000	13184	678
all	**0**	**305**	**305**	**7**	**303**	**0**	**27**	**2**	**33**	**19**	**1000**	**34161**	**1552**
estd. no. of hhs(00)	0	10432	10410	225	10334	0	924	65	1137	635	34161	x	x
no. of sample hhs	0	454	570	20	428	0	26	3	45	6	1552	x	x
													Urban
ST	0	196	532	0	0	0	0	0	0	271	1000	341	15
SC	0	165	607	0	35	0	170	3	0	19	1000	5476	397
OBC	0	50	760	0	74	0	88	8	11	9	1000	3681	277
others	2	27	819	1	19	0	77	4	1	47	1000	13171	877
all	**1**	**67**	**754**	**1**	**32**	**0**	**100**	**4**	**2**	**38**	**1000**	**22670**	**1566**
estd. no. of hhs(00)	23	1519	17091	19	717	0	2274	100	54	853	22670	x	x
no. of sample hhs	1	125	1232	2	68	0	104	7	3	22	1566	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Rajasthan													
													Rural
ST	0	965	20	0	13	0	2	0	0	0	1000	18176	424
SC	0	918	65	0	1	0	16	0	0	0	1000	18681	523
OBC	0	906	85	0	2	0	5	0	0	2	1000	43556	1204
others	0	728	221	0	20	0	6	0	24	1	1000	14043	428
all	**0**	**893**	**89**	**0**	**6**	**0**	**7**	**0**	**4**	**1**	**1000**	**94456**	**2579**
estd. no. of hhs(00)	0	84382	8364	0	601	6	652	25	339	88	94456	x	x
no. of sample hhs	0	2217	318	0	19	1	13	3	4	4	2579	x	x
													Urban
ST	0	351	518	0	0	0	19	0	0	112	1000	1522	100
SC	1	313	650	0	0	0	24	0	0	12	1000	5529	243
OBC	4	242	627	0	5	0	36	0	0	86	1000	12022	603
others	8	54	859	0	0	0	2	0	0	76	1000	12174	606
all	**5**	**187**	**716**	**0**	**2**	**0**	**20**	**0**	**0**	**70**	**1000**	**31248**	**1552**
estd. no. of hhs(00)	148	5832	22378	0	66	0	623	0	0	2202	31248	x	x
no. of sample hhs	5	345	1116	0	5	0	35	0	0	46	1552	x	x
Sikkim													
													Rural
ST	2	314	653	0	0	0	0	0	0	31	1000	410	258
SC	0	292	638	61	0	0	0	0	0	9	1000	63	36
OBC	0	503	472	0	0	0	10	0	0	15	1000	528	295
others	0	167	660	0	0	0	18	0	0	155	1000	37	19
all	**1**	**404**	**560**	**4**	**0**	**0**	**6**	**0**	**0**	**26**	**1000**	**1038**	**608**
estd. no. of hhs(00)	1	419	582	4	0	0	6	0	0	27	1038	x	x
no. of sample hhs	1	164	422	1	0	0	3	0	0	17	608	x	x
													Urban
ST	0	4	808	0	0	0	26	0	0	162	1000	94	50
SC	0	17	983	0	0	0	0	0	0	0	1000	43	17
OBC	0	0	802	0	0	0	4	0	0	193	1000	141	65
others	0	0	778	0	0	0	103	0	0	119	1000	37	28
all	**0**	**3**	**826**	**0**	**0**	**0**	**22**	**0**	**0**	**149**	**1000**	**315**	**160**
estd. no. of hhs(00)	0	1	260	0	0	0	7	0	0	47	315	x	x
no. of sample hhs	0	3	132	0	0	0	8	0	0	17	160	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Tamil Nadu													
													Rural
ST	0	885	74	0	0	0	40	0	0	0	1000	2236	55
SC	0	741	231	0	0	0	17	0	0	11	1000	26883	689
OBC	0	521	430	0	0	0	27	2	0	19	1000	71016	2513
others	0	280	562	0	0	0	50	0	0	109	1000	1718	62
all	**0**	**583**	**372**	**0**	**0**	**0**	**25**	**2**	**0**	**18**	**1000**	**101853**	**3319**
estd. no. of hhs(00)	0	59421	37893	0	0	0	2555	171	0	1813	101853	x	x
no. of sample hhs	0	1619	1583	0	0	0	84	1	0	32	3319	x	x
													Urban
ST	0	198	437	0	0	0	166	0	0	200	1000	781	26
SC	0	163	568	0	0	0	167	0	0	101	1000	12682	464
OBC	0	106	730	0	0	0	70	2	0	91	1000	69042	2684
others	0	53	828	0	0	0	63	0	0	56	1000	4592	153
all	**0**	**112**	**709**	**0**	**0**	**0**	**85**	**2**	**0**	**92**	**1000**	**87098**	**3327**
estd. no. of hhs(00)	0	9771	61761	0	0	0	7396	167	0	8003	87098	x	x
no. of sample hhs	0	479	2379	0	0	0	259	5	0	205	3327	x	x
Tripura													
													Rural
ST	0	955	31	0	0	0	1	0	0	13	1000	3061	554
SC	0	908	67	0	0	0	25	0	0	0	1000	1300	228
OBC	0	929	71	0	0	0	0	0	0	0	1000	1103	204
others	0	881	112	7	0	0	0	0	0	0	1000	1740	326
all	**0**	**925**	**63**	**2**	**0**	**0**	**5**	**0**	**0**	**5**	**1000**	**7204**	**1312**
estd. no. of hhs(00)	0	6661	457	12	0	0	35	0	0	39	7204	x	x
no. of sample hhs	0	1155	148	1	0	0	4	0	0	4	1312	x	x
													Urban
ST	0	191	610	0	0	0	152	0	0	47	1000	133	39
SC	0	474	499	0	0	0	27	0	0	0	1000	345	132
OBC	0	316	628	0	0	0	56	0	0	0	1000	328	123
others	0	191	775	0	0	0	15	0	0	18	1000	742	249
all	**0**	**281**	**668**	**0**	**0**	**0**	**38**	**0**	**0**	**13**	**1000**	**1548**	**544**
estd. no. of hhs(00)	0	435	1035	0	0	0	59	0	0	19	1548	x	x
no. of sample hhs	0	205	311	0	0	0	22	0	0	6	544	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Uttar Pradesh													
													Rural
ST	0	693	96	0	208	0	0	0	4	0	1000	3226	67
SC	0	627	23	0	309	0	1	0	30	10	1000	71733	1500
OBC	4	539	64	0	356	0	0	1	30	5	1000	144557	3168
others	1	514	146	0	309	0	5	0	20	6	1000	44210	1180
all	**2**	**561**	**67**	**0**	**334**	**0**	**1**	**0**	**28**	**6**	**1000**	**263726**	**5915**
estd. no. of hhs(00)	630	147920	17700	0	87989	0	321	108	7393	1664	263726	x	x
no. of sample hhs	9	3153	568	0	1984	0	6	1	178	16	5915	x	x
													Urban
ST	40	188	759	0	13	0	0	0	0	0	1000	558	28
SC	21	363	500	0	97	1	3	10	2	3	1000	11672	459
OBC	4	267	573	0	101	0	19	3	5	27	1000	36433	1496
others	2	87	839	0	36	1	3	3	2	25	1000	31339	1116
all	**6**	**210**	**668**	**0**	**75**	**1**	**10**	**4**	**3**	**23**	**1000**	**80002**	**3099**
estd. no. of hhs(00)	500	16817	53450	0	5967	58	819	303	275	1813	80002	x	x
no. of sample hhs	27	795	1909	0	247	3	50	13	18	37	3099	x	x
Uttarakhand													
													Rural
ST	0	696	265	0	0	0	0	0	0	39	1000	622	39
SC	0	851	129	0	0	0	20	0	0	0	1000	3419	205
OBC	0	735	232	0	0	0	24	0	0	8	1000	2462	139
others	0	631	363	1	1	0	2	0	0	1	1000	9183	665
all	**0**	**698**	**288**	**0**	**1**	**0**	**9**	**0**	**0**	**3**	**1000**	**15685**	**1048**
estd. no. of hhs(00)	2	10951	4514	8	8	0	149	0	0	54	15685	x	x
no. of sample hhs	1	732	301	2	1	0	7	0	0	4	1048	x	x
													Urban
ST	0	0	594	0	0	0	27	0	0	380	1000	141	15
SC	0	172	773	0	0	0	55	0	0	0	1000	631	103
OBC	0	412	526	0	12	0	18	0	0	32	1000	1246	135
others	0	79	888	0	4	0	8	0	0	22	1000	3629	481
all	**0**	**161**	**788**	**0**	**5**	**0**	**16**	**0**	**0**	**31**	**1000**	**5648**	**734**
estd. no. of hhs(00)	0	907	4450	0	29	0	90	0	0	173	5648	x	x
no. of sample hhs	0	80	602	0	4	0	30	0	0	18	734	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
West Bengal													
													Rural
ST	35	712	64	0	45	0	4	0	140	0	1000	11629	200
SC	60	695	40	0	43	0	8	0	151	1	1000	48330	1064
OBC	88	661	67	0	40	0	0	0	135	10	1000	11424	375
others	70	571	83	0	63	0	4	0	201	9	1000	78410	1927
all	**65**	**629**	**66**	**0**	**53**	**0**	**5**	**0**	**175**	**6**	**1000**	**149793**	**3566**
estd. no. of hhs(00)	9744	94209	9932	22	8006	0	763	0	26229	887	149793	x	x
no. of sample hhs	269	2148	438	3	185	0	16	0	498	9	3566	x	x
													Urban
ST	186	181	584	0	0	0	9	0	0	40	1000	687	50
SC	167	202	393	0	4	0	103	10	17	104	1000	9914	479
OBC	274	93	581	0	18	0	14	0	7	13	1000	3508	218
others	117	87	601	0	6	0	91	0	12	86	1000	46593	1998
all	**135**	**107**	**565**	**0**	**6**	**0**	**87**	**2**	**13**	**84**	**1000**	**60705**	**2746**
estd. no. of hhs(00)	8190	6493	34318	0	385	0	5307	115	777	5119	60705	x	x
no. of sample hhs	387	346	1617	0	16	0	201	4	36	139	2746	x	x
A & N Islands													
													Rural
ST	0	774	219	0	0	0	0	7	0	0	1000	60	50
SC	0	0	0	0	0	0	0	0	0	0	0	0	0
OBC	0	252	591	0	0	0	156	0	0	0	1000	88	48
others	0	390	360	0	0	0	226	0	0	24	1000	385	180
all	**0**	**411**	**382**	**0**	**0**	**0**	**189**	**1**	**0**	**17**	**1000**	**533**	**278**
estd. no. of hhs(00)	0	219	204	0	0	0	101	0	0	9	533	x	x
no. of sample hhs	0	108	120	0	0	0	43	1	0	6	278	x	x
													Urban
ST	0	0	1000	0	0	0	0	0	0	0	1000	5	3
SC	0	0	1000	0	0	0	0	0	0	0	1000	2	1
OBC	0	0	982	0	0	0	7	0	0	10	1000	44	38
others	0	25	667	0	0	0	250	0	6	52	1000	304	246
all	**0**	**22**	**713**	**0**	**0**	**0**	**215**	**0**	**5**	**46**	**1000**	**355**	**288**
estd. no. of hhs(00)	0	8	253	0	0	0	76	0	2	16	355	x	x
no. of sample hhs	0	7	201	0	0	0	67	0	1	12	288	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Chandigarh													
													Rural
ST	0	0	1000	0	0	0	0	0	0	0	1000	1	2
SC	0	0	367	0	0	0	633	0	0	0	1000	32	4
OBC	0	16	660	0	27	0	297	0	0	0	1000	43	13
others	0	0	890	0	15	0	94	0	0	0	1000	116	45
all	**0**	**3**	**752**	**0**	**15**	**0**	**229**	**0**	**0**	**0**	**1000**	**193**	**64**
estd. no. of hhs(00)	0	1	145	0	3	0	44	0	0	0	193	x	x
no. of sample hhs	0	1	51	0	4	0	8	0	0	0	64	x	x
													Urban
ST	0	0	1000	0	0	0	0	0	0	0	1000	45	5
SC	0	144	721	0	0	0	133	0	0	2	1000	495	49
OBC	0	18	688	0	0	0	280	0	0	14	1000	385	44
others	0	20	782	0	0	0	96	0	0	102	1000	1226	150
all	**0**	**48**	**756**	**0**	**0**	**0**	**136**	**0**	**0**	**61**	**1000**	**2152**	**248**
estd. no. of hhs(00)	0	103	1626	0	0	0	292	0	0	131	2152	x	x
no. of sample hhs	0	17	171	0	0	0	42	0	0	18	248	x	x
Dadra & N. Haveli													
													Rural
ST	0	790	14	0	0	0	0	0	0	195	1000	342	81
SC	0	0	354	0	0	0	646	0	0	0	1000	3	2
OBC	0	155	50	0	0	0	796	0	0	0	1000	32	5
others	0	43	258	0	0	0	686	0	0	13	1000	28	8
all	**0**	**683**	**37**	**0**	**0**	**0**	**114**	**0**	**0**	**166**	**1000**	**404**	**96**
estd. no. of hhs(00)	0	276	15	0	0	0	46	0	0	67	404	x	x
no. of sample hhs	0	73	13	0	0	0	6	0	0	4	96	x	x
													Urban
ST	0	244	736	0	0	0	20	0	0	0	1000	46	20
SC	0	0	1000	0	0	0	0	0	0	0	1000	6	4
OBC	0	88	774	0	0	0	137	0	0	0	1000	68	17
others	0	10	712	0	0	0	273	0	0	5	1000	240	53
all	**0**	**54**	**731**	**0**	**0**	**0**	**211**	**0**	**0**	**3**	**1000**	**359**	**94**
estd. no. of hhs(00)	0	20	263	0	0	0	76	0	0	1	359	x	x
no. of sample hhs	0	6	75	0	0	0	11	0	0	2	94	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Daman & Diu													
													Rural
ST	0	26	351	0	0	0	623	0	0	0	1000	36	11
SC	0	277	723	0	0	0	0	0	0	0	1000	54	7
OBC	0	332	181	0	0	0	487	0	0	0	1000	102	28
others	0	18	128	0	0	0	686	0	0	169	1000	222	18
all	**0**	**130**	**238**	**0**	**0**	**0**	**542**	**0**	**0**	**90**	**1000**	**415**	**64**
estd. no. of hhs(00)	0	54	99	0	0	0	225	0	0	37	415	x	x
no. of sample hhs	0	19	30	0	0	0	14	0	0	1	64	x	x
													Urban
ST	0	471	529	0	0	0	0	0	0	0	1000	14	6
SC	0	272	728	0	0	0	0	0	0	0	1000	5	2
OBC	0	24	683	0	0	0	109	0	0	184	1000	93	37
others	0	0	1000	0	0	0	0	0	0	0	1000	42	19
all	**0**	**67**	**757**	**0**	**0**	**0**	**65**	**0**	**0**	**110**	**1000**	**154**	**64**
estd. no. of hhs(00)	0	10	117	0	0	0	10	0	0	17	154	x	x
no. of sample hhs	0	7	49	0	0	0	4	0	0	4	64	x	x
Lakshadweep													
													Rural
ST	0	784	39	0	0	0	27	82	0	68	1000	53	61
SC	0	0	0	0	0	0	0	0	0	0	0	0	0
OBC	0	0	0	0	0	0	0	0	0	0	0	0	0
others	0	960	0	0	0	0	0	40	0	0	1000	3	2
all	**0**	**793**	**37**	**0**	**0**	**0**	**26**	**80**	**0**	**65**	**1000**	**56**	**63**
estd. no. of hhs(00)	0	44	2	0	0	0	1	4	0	4	56	x	x
no. of sample hhs	0	52	3	0	0	0	3	4	0	1	63	x	x
													Urban
ST	0	290	472	0	0	0	174	45	0	18	1000	44	112
SC	0	0	514	0	0	0	226	46	0	214	1000	2	5
OBC	0	230	292	0	0	0	0	0	0	478	1000	2	4
others	0	0	125	0	0	0	0	334	0	541	1000	2	7
all	**0**	**263**	**453**	**0**	**0**	**0**	**163**	**55**	**0**	**67**	**1000**	**51**	**128**
estd. no. of hhs(00)	0	13	23	0	0	0	8	3	0	3	51	x	x
no. of sample hhs	0	37	53	0	0	0	19	10	0	9	128	x	x

* all including n.r. cases

Table 3: Per 1000 distribution of households of each social group by primary source of energy for cooking

social group	per 1000 no. of households with primary source of energy for cooking											no. of hhs	
	coke, coal	fire-wood and chips	LPG	gobar gas	dung cake	char-coal	kero-sene	elec-tricity	others	no cooking arran-gement	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Puducherry													
													Rural
ST	0	1000	0	0	0	0	0	0	0	0	1000	1	1
SC	0	454	546	0	0	0	0	0	0	0	1000	262	27
OBC	0	266	633	0	4	0	13	0	0	83	1000	833	94
others	0	221	318	0	0	0	461	0	0	0	1000	79	6
all	**0**	**306**	**592**	**0**	**3**	**0**	**40**	**0**	**0**	**59**	**1000**	**1175**	**128**
estd. no. of hhs(00)	0	359	696	0	4	0	47	0	0	70	1175	x	x
no. of sample hhs	0	31	88	0	1	0	4	0	0	4	128	x	x
													Urban
ST	0	864	136	0	0	0	0	0	0	0	1000	15	5
SC	0	130	781	0	0	0	33	0	0	56	1000	161	34
OBC	0	76	772	0	0	0	30	0	0	122	1000	1684	349
others	0	52	730	0	0	0	31	0	0	188	1000	323	60
all	**0**	**81**	**762**	**0**	**0**	**0**	**30**	**0**	**0**	**126**	**1000**	**2182**	**448**
estd. no. of hhs(00)	0	177	1663	0	0	0	66	0	0	276	2182	x	x
no. of sample hhs	0	52	338	0	0	0	14	0	0	44	448	x	x
All-India													
													Rural
ST	11	870	53	0	14	0	5	0	16	31	1000	196945	9930
SC	11	698	89	0	122	0	11	0	60	9	1000	364091	10193
OBC	9	664	160	2	112	0	9	1	36	8	1000	756558	23546
others	17	570	233	5	83	0	8	1	67	15	1000	403488	16005
all	**11**	**673**	**150**	**2**	**96**	**0**	**9**	**1**	**46**	**13**	**1000**	**1721307**	**59683**
estd. no. of hhs(00)	19590	1157673	257665	3476	165821	277	14780	1004	79424	21597	1721307	x	x
no. of sample hhs	657	37410	14562	141	4203	25	619	77	1669	320	59683	x	x
													Urban
ST	38	239	516	0	2	2	70	4	6	124	1000	27733	3636
SC	30	230	568	0	19	0	85	5	7	57	1000	110859	5564
OBC	17	177	660	0	19	0	53	3	5	66	1000	318993	16131
others	22	65	762	0	6	1	52	3	18	71	1000	324699	16631
all	**21**	**140**	**684**	**0**	**13**	**1**	**57**	**3**	**11**	**69**	**1000**	**782319**	**41968**
estd. no. of hhs(00)	16806	109596	535408	84	10025	495	44958	2612	8243	54012	782319	x	x
no. of sample hhs	914	7483	28912	6	520	115	1907	245	313	1546	41968	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Andhra Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
0 – 5%	70	0	0	0	928	0	1000	6527	162
5 – 10%	20	0	0	0	980	0	1000	6209	159
10 – 20%	40	0	0	0	960	0	1000	13244	292
20 – 30%	23	0	0	0	977	0	1000	13728	295
30 – 40%	29	0	0	0	970	0	1000	13860	351
40 – 50%	16	0	0	0	984	0	1000	14763	325
50 – 60%	11	0	0	0	962	27	1000	15049	376
60 – 70%	7	0	1	0	992	0	1000	15332	387
70 – 80%	15	1	0	0	983	0	1000	16560	428
80 – 90%	28	0	0	0	972	0	1000	17007	503
90 – 95%	5	0	0	0	995	0	1000	8969	259
95 – 100%	4	0	0	0	996	0	1000	10307	388
all classes	**21**	**0**	**0**	**0**	**976**	**3**	**1000**	**151556**	**3925**
av. MPCE (Rs.)	1462.47	2049.95	1618.05	0	1758.09	1583.45	1753.96	x	x
estd. no. of hhs (00)	3173	25	16	0	147927	399	151556	x	x
no. of sample hhs	57	1	2	0	3861	2	3925	x	x
									Urban
0 – 5%	96	1	0	0	898	0	1000	3155	236
5 – 10%	28	0	0	0	972	0	1000	3085	203
10 – 20%	31	0	0	0	964	0	1000	6350	307
20 – 30%	10	0	1	0	988	0	1000	6123	204
30 – 40%	12	0	1	0	986	0	1000	6362	226
40 – 50%	13	0	0	0	987	0	1000	6576	192
50 – 60%	4	0	0	0	996	0	1000	7256	249
60 – 70%	0	0	6	4	990	0	1000	8028	251
70 – 80%	0	0	9	0	991	0	1000	9690	309
80 – 90%	0	0	0	0	1000	0	1000	8407	299
90 – 95%	0	0	0	0	994	6	1000	4629	257
95 – 100%	0	0	3	0	997	0	1000	5907	238
all classes	**11**	**0**	**2**	**0**	**985**	**0**	**1000**	**75569**	**2971**
av. MPCE (Rs.)	1227.34	1011.69	3008.41	2603.92	2698.19	5614.15	2685.09	x	x
estd. no. of hhs (00)	844	3	167	35	74445	27	75569	x	x
no. of sample hhs	50	1	6	2	2907	1	2971	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Arunachal Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
0 – 5%	380	0	0	0	353	247	1000	78	30
5 – 10%	539	0	0	0	433	28	1000	64	28
10 – 20%	188	0	0	0	714	53	1000	150	89
20 – 30%	216	0	0	0	488	130	1000	142	55
30 – 40%	182	0	0	0	688	76	1000	167	86
40 – 50%	325	0	0	0	497	129	1000	157	104
50 – 60%	121	0	0	7	732	104	1000	192	114
60 – 70%	217	5	14	31	557	52	1000	184	125
70 – 80%	192	0	0	61	625	32	1000	198	142
80 – 90%	74	0	0	125	737	16	1000	211	138
90 – 95%	36	0	0	35	929	0	1000	138	67
95 – 100%	39	0	0	5	890	0	1000	124	88
all classes	**183**	**1**	**1**	**28**	**657**	**66**	**1000**	**1807**	**1066**
av. MPCE (Rs.)	1275.73	1845.46	1574.07	2619.46	1983.04	1198.92	1781.74	x	x
estd. no. of hhs (00)	331	1	3	51	1186	119	1807	x	x
no. of sample hhs	181	1	1	26	741	63	1066	x	x
									Urban
0 – 5%	33	0	0	0	967	0	1000	19	20
5 – 10%	31	0	0	0	969	0	1000	20	25
10 – 20%	24	0	0	0	953	23	1000	40	50
20 – 30%	64	0	0	25	910	0	1000	40	41
30 – 40%	23	0	0	20	943	14	1000	47	48
40 – 50%	0	0	0	0	980	20	1000	51	54
50 – 60%	0	0	0	1	999	0	1000	57	52
60 – 70%	0	0	0	0	1000	0	1000	50	62
70 – 80%	0	0	0	28	952	20	1000	48	69
80 – 90%	12	0	0	28	950	0	1000	49	85
90 – 95%	0	0	0	38	962	0	1000	30	41
95 – 100%	17	0	0	13	859	0	1000	35	61
all classes	**15**	**0**	**0**	**13**	**956**	**7**	**1000**	**486**	**608**
av. MPCE (Rs.)	2118.57	0	0	3251.95	2640.75	1920.92	2654.17	x	x
estd. no. of hhs (00)	7	0	0	6	465	4	486	x	x
no. of sample hhs	10	0	0	8	581	4	608	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Assam

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	800	0	0	0	200	0	1000	1973	77
5 – 10%	720	0	0	0	280	0	1000	1875	68
10 – 20%	604	0	0	0	396	0	1000	4447	185
20 – 30%	566	0	0	0	434	0	1000	4409	199
30 – 40%	526	0	0	0	474	0	1000	4805	206
40 – 50%	398	0	0	0	602	0	1000	4687	192
50 – 60%	410	0	0	1	575	0	1000	5260	267
60 – 70%	461	0	0	0	514	0	1000	5108	211
70 – 80%	367	0	5	0	626	2	1000	5387	328
80 – 90%	236	0	0	0	709	23	1000	5823	340
90 – 95%	266	0	0	0	692	3	1000	3397	225
95 – 100%	190	0	0	0	810	0	1000	3421	309
all classes	**433**	**0**	**1**	**0**	**553**	**3**	**1000**	**50592**	**2607**
av. MPCE (Rs.)	1035.01	1494.89	1386.12	1192.09	1354.22	1741.10	1218.57	x	x
estd. no. of hhs (00)	21921	0	28	5	27966	152	50592	x	x
no. of sample hhs	917	1	1	1	1675	7	2607	x	x
Urban									
0 – 5%	350	0	0	0	638	0	1000	300	51
5 – 10%	115	0	0	0	885	0	1000	309	48
10 – 20%	389	0	0	10	595	0	1000	624	88
20 – 30%	92	0	0	0	877	0	1000	604	68
30 – 40%	72	0	0	0	928	0	1000	628	67
40 – 50%	32	0	0	0	968	0	1000	631	81
50 – 60%	59	0	7	0	934	0	1000	800	79
60 – 70%	17	0	0	0	983	0	1000	598	51
70 – 80%	18	0	0	0	958	24	1000	799	94
80 – 90%	0	0	82	0	918	0	1000	991	79
90 – 95%	0	0	0	0	969	0	1000	486	83
95 – 100%	0	0	1	40	959	0	1000	516	43
all classes	**79**	**0**	**12**	**4**	**897**	**3**	**1000**	**7287**	**832**
av. MPCE (Rs.)	1037.47	0	3602.31	4930.97	2273.78	2298.86	2189.15	x	x
estd. no. of hhs (00)	576	0	88	27	6536	19	7287	x	x
no. of sample hhs	74	0	3	2	747	1	832	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Bihar

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	764	0	0	0	236	0	1000	5932	123
5 – 10%	817	0	0	0	183	0	1000	7062	111
10 – 20%	803	0	11	0	183	4	1000	14265	250
20 – 30%	766	0	0	2	226	0	1000	14459	242
30 – 40%	816	0	4	0	180	0	1000	15634	277
40 – 50%	767	0	3	0	230	0	1000	14487	216
50 – 60%	772	0	0	0	228	0	1000	15243	260
60 – 70%	734	0	0	0	240	0	1000	16309	293
70 – 80%	692	0	0	0	307	1	1000	17632	399
80 – 90%	733	0	0	0	264	1	1000	19288	464
90 – 95%	580	0	0	0	416	2	1000	9810	256
95 – 100%	564	0	1	0	425	0	1000	11986	419
all classes	**735**	**0**	**2**	**0**	**258**	**1**	**1000**	**162107**	**3310**
av. MPCE (Rs.)	1081.80	0	878.46	1054.91	1245.06	1000.87	1126.75	x	x
estd. no. of hhs (00)	119221	0	276	39	41797	107	162107	x	x
no. of sample hhs	2159	0	4	3	1124	11	3310	x	x
Urban									
0 – 5%	375	0	0	0	623	0	1000	581	63
5 – 10%	549	0	0	0	451	0	1000	721	78
10 – 20%	368	0	0	0	584	0	1000	1379	108
20 – 30%	192	0	0	0	808	0	1000	1353	87
30 – 40%	267	9	0	0	725	0	1000	1575	107
40 – 50%	116	0	0	0	869	15	1000	1359	77
50 – 60%	110	0	0	0	871	0	1000	1664	109
60 – 70%	184	0	0	0	799	0	1000	2003	163
70 – 80%	86	0	0	0	914	0	1000	2299	128
80 – 90%	68	0	12	2	918	0	1000	2074	144
90 – 95%	98	0	0	0	902	0	1000	1282	110
95 – 100%	69	0	0	11	881	0	1000	1659	96
all classes	**172**	**1**	**1**	**1**	**812**	**1**	**1000**	**17948**	**1270**
av. MPCE (Rs.)	1082.46	1066.57	2398.49	3707.54	1575.93	1141.61	1506.58	x	x
estd. no. of hhs (00)	3087	14	25	23	14582	20	17948	x	x
no. of sample hhs	293	1	2	3	962	1	1270	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Chhattisgarh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	305	0	0	0	695	0	1000	1546	40
5 – 10%	373	0	0	0	565	61	1000	1709	38
10 – 20%	32	0	0	0	942	0	1000	3610	90
20 – 30%	177	0	0	0	823	0	1000	3618	92
30 – 40%	212	0	0	0	788	0	1000	4422	107
40 – 50%	82	0	1	0	918	0	1000	4023	113
50 – 60%	62	0	0	0	937	1	1000	3462	93
60 – 70%	132	0	21	0	847	0	1000	3980	140
70 – 80%	62	0	14	0	924	0	1000	4109	165
80 – 90%	148	0	1	0	850	0	1000	4083	165
90 – 95%	178	0	0	0	822	0	1000	2611	131
95 – 100%	107	0	3	1	840	0	1000	2340	266
all classes	**138**	**0**	**4**	**0**	**850**	**3**	**1000**	**39514**	**1440**
av. MPCE (Rs.)	911.09	0	1107.79	3003.71	1046.22	554.3	1026.73	x	x
estd. no. of hhs (00)	5445	0	156	1	33592	109	39514	x	x
no. of sample hhs	147	0	6	1	1282	2	1440	x	x
Urban									
0 – 5%	155	0	0	0	845	0	1000	419	22
5 – 10%	2	0	0	8	983	0	1000	612	23
10 – 20%	94	0	0	51	827	0	1000	965	50
20 – 30%	44	0	0	0	956	0	1000	1079	74
30 – 40%	18	0	0	0	963	19	1000	1102	57
40 – 50%	0	44	8	0	948	0	1000	1251	65
50 – 60%	56	0	0	0	943	0	1000	986	63
60 – 70%	64	0	0	4	932	0	1000	1152	65
70 – 80%	7	0	0	57	919	0	1000	1340	91
80 – 90%	47	0	12	28	896	18	1000	1402	106
90 – 95%	0	14	0	15	966	5	1000	674	55
95 – 100%	0	0	3	3	994	0	1000	892	63
all classes	**36**	**5**	**3**	**16**	**931**	**4**	**1000**	**11874**	**734**
av. MPCE (Rs.)	1366.55	1830.68	2742.35	1561.17	1889.33	2322.25	1867.86	x	x
estd. no. of hhs (00)	430	64	30	185	11059	49	11874	x	x
no. of sample hhs	24	2	3	9	685	7	734	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Delhi

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	23	2
5 – 10%	0	0	0	0	1000	0	1000	139	1
10 – 20%	0	0	0	0	1000	0	1000	101	10
20 – 30%	0	0	0	0	1000	0	1000	297	2
30 – 40%	0	0	0	0	1000	0	1000	207	3
40 – 50%	0	0	0	0	1000	0	1000	90	5
50 – 60%	0	0	0	0	1000	0	1000	246	2
60 – 70%	0	0	0	0	1000	0	1000	172	14
70 – 80%	0	0	0	0	1000	0	1000	284	15
80 – 90%	0	0	0	0	1000	0	1000	540	2
90 – 95%	0	0	0	0	1000	0	1000	38	1
95 – 100%	0	0	0	0	1000	0	1000	249	6
all classes	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**2387**	**63**
av. MPCE (Rs.)	0	0	0	0	2762.11	0	2762.11	x	x
estd. no. of hhs (00)	0	0	0	0	2387	0	2387	x	x
no. of sample hhs	0	0	0	0	63	0	63	x	x
Urban									
0 – 5%	0	0	0	79	921	0	1000	971	47
5 – 10%	0	0	0	0	1000	0	1000	914	35
10 – 20%	0	0	0	0	1000	0	1000	2276	65
20 – 30%	0	0	1	0	999	0	1000	2299	53
30 – 40%	0	0	0	0	983	0	1000	2217	53
40 – 50%	0	0	0	0	1000	0	1000	2701	67
50 – 60%	0	0	25	0	972	0	1000	2891	69
60 – 70%	0	0	0	29	967	0	1000	3791	96
70 – 80%	0	0	0	0	998	0	1000	3971	121
80 – 90%	0	0	0	0	1000	0	1000	3710	153
90 – 95%	0	0	0	0	1000	0	1000	1643	44
95 – 100%	0	0	1	0	984	0	1000	2103	79
all classes	**0**	**0**	**3**	**6**	**988**	**0**	**1000**	**29486**	**882**
av. MPCE (Rs.)	0	0	2956.23	1927.58	3302.14	0	3298.47	x	x
estd. no. of hhs (00)	0	0	80	189	29121	0	29486	x	x
no. of sample hhs	0	0	4	4	868	0	882	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Goa

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	61	11
5 – 10%	495	0	0	0	505	0	1000	58	4
10 – 20%	0	0	0	0	1000	0	1000	115	9
20 – 30%	0	0	0	0	1000	0	1000	101	5
30 – 40%	0	0	0	0	1000	0	1000	140	14
40 – 50%	0	0	0	0	1000	0	1000	168	22
50 – 60%	0	0	0	0	1000	0	1000	160	11
60 – 70%	0	0	0	0	1000	0	1000	166	18
70 – 80%	0	0	0	0	1000	0	1000	198	17
80 – 90%	0	0	0	0	1000	0	1000	159	11
90 – 95%	0	0	0	0	1000	0	1000	116	22
95 – 100%	0	0	0	0	1000	0	1000	168	15
all classes	**18**	**0**	**0**	**0**	**982**	**0**	**1000**	**1610**	**159**
av. MPCE (Rs.)	1379.80	0	0	0	2421.70	0	2407.88	x	x
estd. no. of hhs (00)	29	0	0	0	1581	0	1610	x	x
no. of sample hhs	1	0	0	0	158	0	159	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	51	10
5 – 10%	0	0	0	0	1000	0	1000	86	21
10 – 20%	24	0	0	0	976	0	1000	142	24
20 – 30%	0	0	0	0	1000	0	1000	124	25
30 – 40%	0	0	0	0	1000	0	1000	128	24
40 – 50%	0	0	0	0	1000	0	1000	180	26
50 – 60%	0	0	0	0	1000	0	1000	171	29
60 – 70%	0	0	0	0	1000	0	1000	202	30
70 – 80%	0	0	0	0	1000	0	1000	172	32
80 – 90%	0	0	0	0	1000	0	1000	199	32
90 – 95%	0	0	0	0	1000	0	1000	94	14
95 – 100%	0	0	0	0	1000	0	1000	162	21
all classes	**2**	**0**	**0**	**0**	**998**	**0**	**1000**	**1710**	**288**
av. MPCE (Rs.)	1679.59	0	0	0	3053.42	0	3051.19	x	x
estd. no. of hhs (00)	3	0	0	0	1706	0	1710	x	x
no. of sample hhs	1	0	0	0	287	0	288	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Gujarat

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
0 – 5%	186	0	0	0	742	0	1000	2885	43
5 – 10%	138	0	0	0	862	0	1000	2790	53
10 – 20%	173	0	0	0	827	0	1000	5470	105
20 – 30%	94	0	0	0	906	0	1000	5765	102
30 – 40%	66	0	0	0	934	0	1000	6403	131
40 – 50%	37	0	0	0	963	0	1000	6956	142
50 – 60%	1	0	1	0	999	0	1000	6297	154
60 – 70%	29	0	0	0	971	0	1000	6752	199
70 – 80%	70	0	0	0	930	0	1000	8139	217
80 – 90%	18	0	2	0	980	0	1000	8251	240
90 – 95%	88	0	0	0	912	0	1000	4916	130
95 – 100%	0	0	0	0	1000	0	1000	4435	196
all classes	**64**	**0**	**0**	**0**	**932**	**0**	**1000**	**69060**	**1712**
av. MPCE (Rs.)	1103.59	0	1781.51	0	1560.81	0	1535.66	x	x
estd. no. of hhs (00)	4440	0	25	0	64389	0	69060	x	x
no. of sample hhs	63	0	3	0	1645	0	1712	x	x
									Urban
0 – 5%	79	2	4	27	871	0	1000	2012	108
5 – 10%	34	0	0	0	966	0	1000	2227	117
10 – 20%	5	0	0	0	995	0	1000	3943	127
20 – 30%	94	0	0	72	833	0	1000	4658	136
30 – 40%	10	0	0	0	990	0	1000	5459	142
40 – 50%	10	0	0	0	990	0	1000	5384	129
50 – 60%	261	0	0	0	739	0	1000	6124	118
60 – 70%	59	0	0	0	941	0	1000	6249	166
70 – 80%	33	0	0	0	967	0	1000	6993	169
80 – 90%	0	0	0	0	1000	0	1000	7280	248
90 – 95%	1	0	0	0	999	0	1000	3356	121
95 – 100%	0	0	0	0	1000	0	1000	3983	136
all classes	**52**	**0**	**0**	**7**	**940**	**0**	**1000**	**57668**	**1717**
av. MPCE (Rs.)	1988.44	756.24	895.71	1488.45	2601.45	0	2581.28	x	x
estd. no. of hhs (00)	3005	3	7	392	54224	0	57668	x	x
no. of sample hhs	34	1	1	4	1674	0	1717	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Haryana

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	218	0	4	0	723	0	1000	1505	50
5 – 10%	19	0	0	3	953	0	1000	1540	64
10 – 20%	5	15	0	48	917	0	1000	2981	117
20 – 30%	27	0	0	26	943	4	1000	3110	142
30 – 40%	13	0	11	16	953	4	1000	3165	142
40 – 50%	1	1	0	33	962	4	1000	3354	128
50 – 60%	9	0	4	0	987	0	1000	3176	132
60 – 70%	0	0	11	2	987	0	1000	3534	147
70 – 80%	1	0	11	4	985	0	1000	3540	152
80 – 90%	0	0	34	38	928	0	1000	3802	168
90 – 95%	0	0	11	6	984	0	1000	2652	85
95 – 100%	0	0	9	6	979	0	1000	2794	96
all classes	**15**	**1**	**9**	**17**	**951**	**1**	**1000**	**35153**	**1423**
av. MPCE (Rs.)	1068.84	1315.24	2721.71	1756.93	2209.38	1511.56	2176.04	x	x
estd. no. of hhs (00)	531	48	315	589	33445	36	35153	x	x
no. of sample hhs	18	2	19	20	1352	3	1423	x	x
Urban									
0 – 5%	46	0	2	6	938	0	1000	537	75
5 – 10%	0	0	0	0	1000	0	1000	669	84
10 – 20%	0	0	0	7	985	8	1000	1431	103
20 – 30%	0	0	0	58	939	3	1000	1533	84
30 – 40%	0	0	0	30	970	0	1000	1557	80
40 – 50%	0	0	4	0	986	10	1000	1731	96
50 – 60%	0	0	11	11	967	11	1000	1497	97
60 – 70%	0	0	13	0	987	0	1000	1675	110
70 – 80%	0	0	8	8	975	9	1000	2080	138
80 – 90%	0	0	6	0	989	5	1000	2639	192
90 – 95%	0	0	0	0	1000	0	1000	1196	54
95 – 100%	0	0	0	0	1000	0	1000	1247	53
all classes	**1**	**0**	**5**	**10**	**979**	**5**	**1000**	**17793**	**1166**
av. MPCE (Rs.)	718.24	0	3420.16	1950.45	3849.17	2949.36	3817.33	x	x
estd. no. of hhs (00)	25	0	81	182	17419	82	17793	x	x
no. of sample hhs	2	0	8	7	1141	7	1166	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Himachal Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
0 – 5%	22	0	0	0	978	0	1000	462	57
5 – 10%	70	0	0	0	930	0	1000	531	53
10 – 20%	0	0	8	0	992	0	1000	965	120
20 – 30%	23	0	0	0	977	0	1000	1121	142
30 – 40%	15	0	0	0	985	0	1000	1134	131
40 – 50%	24	0	0	15	961	0	1000	1259	151
50 – 60%	0	0	0	0	1000	0	1000	1282	171
60 – 70%	9	0	0	0	988	4	1000	1371	182
70 – 80%	1	0	0	0	996	3	1000	1463	183
80 – 90%	9	0	0	0	991	0	1000	1559	182
90 – 95%	0	0	0	0	1000	0	1000	931	129
95 – 100%	0	0	0	0	969	5	1000	1158	156
all classes	**11**	**0**	**1**	**1**	**983**	**1**	**1000**	**13237**	**1657**
av. MPCE (Rs.)	1455.95	0	1176.73	1571.48	2035.17	3367.39	2034.15	x	x
estd. no. of hhs (00)	149	0	8	19	13017	15	13237	x	x
no. of sample hhs	18	0	1	2	1630	4	1657	x	x
									Urban
0 – 5%	45	0	0	45	910	0	1000	60	29
5 – 10%	99	0	0	31	747	123	1000	67	21
10 – 20%	30	0	0	0	953	17	1000	158	36
20 – 30%	0	0	0	0	959	41	1000	164	27
30 – 40%	12	0	0	0	894	93	1000	172	27
40 – 50%	0	0	0	0	719	281	1000	222	24
50 – 60%	0	0	0	0	903	97	1000	214	37
60 – 70%	0	0	0	6	968	0	1000	251	45
70 – 80%	0	0	22	58	920	0	1000	248	43
80 – 90%	0	0	0	1	995	4	1000	286	40
90 – 95%	0	0	0	0	983	17	1000	143	18
95 – 100%	0	0	0	0	854	134	1000	283	36
all classes	**7**	**0**	**2**	**9**	**907**	**70**	**1000**	**2269**	**383**
av. MPCE (Rs.)	1506.18	0	3909.15	2216.76	3286.97	3138.51	3258.54	x	x
estd. no. of hhs (00)	16	0	6	21	2057	159	2269	x	x
no. of sample hhs	6	0	1	6	356	12	383	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Jammu & Kashmir

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
0 – 5%	116	0	0	0	884	0	1000	543	71
5 – 10%	80	35	0	0	885	0	1000	598	105
10 – 20%	59	0	1	3	935	2	1000	1309	163
20 – 30%	6	0	0	0	991	3	1000	1190	155
30 – 40%	31	2	0	0	964	4	1000	1283	185
40 – 50%	25	0	0	0	975	0	1000	1311	174
50 – 60%	51	0	0	0	949	0	1000	1450	209
60 – 70%	20	0	0	0	963	2	1000	1449	227
70 – 80%	11	0	0	0	989	1	1000	1477	198
80 – 90%	21	0	1	0	978	1	1000	1766	251
90 – 95%	3	0	0	1	996	0	1000	1022	134
95 – 100%	13	0	0	0	986	1	1000	1019	160
all classes	**30**	**2**	**0**	**0**	**965**	**1**	**1000**	**14417**	**2032**
av. MPCE (Rs.)	1294.73	876.98	1958.67	2377.68	1760.10	1551.30	1742.64	x	x
estd. no. of hhs (00)	439	23	3	6	13907	18	14417	x	x
no. of sample hhs	66	3	3	2	1947	10	2032	x	x
									Urban
0 – 5%	0	0	0	0	1000	0	1000	220	54
5 – 10%	0	0	0	2	998	0	1000	169	67
10 – 20%	26	0	0	9	965	0	1000	400	121
20 – 30%	12	0	0	0	988	0	1000	378	130
30 – 40%	2	0	0	1	997	0	1000	409	133
40 – 50%	11	0	11	2	975	0	1000	430	137
50 – 60%	1	0	0	2	997	0	1000	430	141
60 – 70%	7	0	0	4	989	0	1000	467	130
70 – 80%	0	5	0	13	980	3	1000	540	150
80 – 90%	0	0	0	23	977	0	1000	559	135
90 – 95%	0	0	0	1	999	0	1000	340	85
95 – 100%	5	0	0	0	995	0	1000	366	72
all classes	**5**	**1**	**1**	**6**	**987**	**0**	**1000**	**4708**	**1355**
av. MPCE (Rs.)	1652.23	2878.27	1971.58	2535.07	2489.01	2772.83	2485.34	x	x
estd. no. of hhs (00)	26	3	5	28	4645	1	4708	x	x
no. of sample hhs	10	1	1	15	1327	1	1355	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Jharkhand

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	459	0	0	0	498	43	1000	1813	55
5 – 10%	424	0	0	0	564	12	1000	1760	69
10 – 20%	475	0	0	0	525	0	1000	4003	115
20 – 30%	422	0	0	0	578	0	1000	4079	158
30 – 40%	300	0	0	0	700	0	1000	4203	118
40 – 50%	417	0	0	0	571	10	1000	4463	176
50 – 60%	416	0	0	0	583	1	1000	4488	164
60 – 70%	211	0	0	0	789	0	1000	3895	140
70 – 80%	442	0	0	0	558	0	1000	4912	171
80 – 90%	357	0	0	0	616	27	1000	4824	226
90 – 95%	342	0	0	34	599	26	1000	3185	161
95 – 100%	164	0	0	1	835	0	1000	3243	204
all classes	**368**	**0**	**0**	**2**	**621**	**8**	**1000**	**44869**	**1757**
av. MPCE (Rs.)	927.59	0	0	1614.45	1046.93	1021.37	1005.55	x	x
estd. no. of hhs (00)	16529	0	0	109	27862	361	44869	x	x
no. of sample hhs	565	0	0	2	1176	13	1757	x	x
Urban									
0 – 5%	125	0	0	5	869	0	1000	418	59
5 – 10%	218	0	0	3	766	13	1000	499	73
10 – 20%	72	11	0	0	917	0	1000	1066	101
20 – 30%	47	0	0	0	863	11	1000	1143	80
30 – 40%	26	0	0	0	974	0	1000	953	77
40 – 50%	4	0	0	0	996	0	1000	1209	83
50 – 60%	0	0	0	0	1000	0	1000	1271	69
60 – 70%	13	0	0	0	987	0	1000	1300	66
70 – 80%	0	0	0	0	1000	0	1000	1744	108
80 – 90%	0	0	0	0	1000	0	1000	1641	104
90 – 95%	4	0	0	0	996	0	1000	876	75
95 – 100%	2	0	0	0	989	0	1000	1203	85
all classes	**26**	**1**	**0**	**0**	**964**	**1**	**1000**	**13323**	**980**
av. MPCE (Rs.)	942.24	860.70	0	681.55	2055.96	1013.83	2018.29	x	x
estd. no. of hhs (00)	344	12	0	4	12844	19	13323	x	x
no. of sample hhs	55	1	0	2	916	3	980	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Karnataka

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	53	0	0	0	947	0	1000	3137	51
5 – 10%	31	0	0	0	969	0	1000	3329	58
10 – 20%	50	0	0	0	950	0	1000	6003	126
20 – 30%	75	0	0	0	925	0	1000	7751	168
30 – 40%	45	0	0	0	955	0	1000	7375	143
40 – 50%	39	0	0	0	961	0	1000	8012	182
50 – 60%	68	0	1	0	931	0	1000	8442	215
60 – 70%	56	0	0	0	944	0	1000	8751	196
70 – 80%	18	0	2	0	959	22	1000	8256	241
80 – 90%	11	0	0	0	986	0	1000	9591	322
90 – 95%	70	0	0	0	930	0	1000	4554	147
95 – 100%	37	0	0	7	956	0	1000	6124	199
all classes	**45**	**0**	**0**	**1**	**952**	**2**	**1000**	**81325**	**2048**
av. MPCE (Rs.)	1498.90	0	1522.31	6487.32	1562.65	1638.63	1561.28	x	x
estd. no. of hhs (00)	3656	0	25	44	77391	179	81325	x	x
no. of sample hhs	72	0	2	1	1970	1	2048	x	x
Urban									
0 – 5%	119	0	0	0	881	0	1000	1859	142
5 – 10%	19	0	0	0	981	0	1000	1625	83
10 – 20%	34	0	0	0	966	0	1000	4241	187
20 – 30%	19	0	0	2	980	0	1000	3945	215
30 – 40%	22	0	0	0	978	0	1000	4518	199
40 – 50%	13	0	0	0	987	0	1000	4513	219
50 – 60%	0	0	0	0	996	4	1000	4813	181
60 – 70%	2	0	0	0	998	0	1000	5278	171
70 – 80%	0	0	0	0	1000	0	1000	5768	158
80 – 90%	1	0	0	0	999	0	1000	5670	258
90 – 95%	0	0	0	0	1000	0	1000	3768	126
95 – 100%	0	0	10	0	990	0	1000	6097	109
all classes	**12**	**0**	**1**	**0**	**986**	**0**	**1000**	**52095**	**2048**
av. MPCE (Rs.)	1165.50	0	9120.75	1372.29	3045.58	2503.16	3025.52	x	x
estd. no. of hhs (00)	650	0	58	6	51360	21	52095	x	x
no. of sample hhs	44	0	1	1	2001	1	2048	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Kerala

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	140	0	0	25	836	0	1000	2171	80
5 – 10%	90	0	0	25	877	0	1000	2218	80
10 – 20%	72	0	0	0	928	0	1000	4408	179
20 – 30%	61	0	0	0	939	0	1000	5012	187
30 – 40%	40	0	7	0	953	0	1000	5112	208
40 – 50%	12	0	1	0	987	0	1000	5589	238
50 – 60%	20	0	0	4	976	0	1000	5575	249
60 – 70%	24	0	0	0	976	0	1000	5716	227
70 – 80%	19	0	0	0	981	0	1000	6383	303
80 – 90%	11	0	0	0	981	0	1000	6914	362
90 – 95%	3	0	3	6	988	0	1000	3688	226
95 – 100%	0	0	0	0	1000	0	1000	4140	269
all classes	**33**	**0**	**1**	**3**	**962**	**0**	**1000**	**56925**	**2608**
av. MPCE (Rs.)	1515.45	0	2259.32	1595.24	2709.15	3606.35	2668.73	x	x
estd. no. of hhs (00)	1857	0	57	153	54789	3	56925	x	x
no. of sample hhs	70	0	3	5	2527	1	2608	x	x
Urban									
0 – 5%	31	0	0	23	946	0	1000	825	110
5 – 10%	32	0	0	3	966	0	1000	838	96
10 – 20%	54	0	0	0	941	5	1000	1683	134
20 – 30%	15	0	0	0	985	0	1000	1667	133
30 – 40%	0	0	0	0	1000	0	1000	1863	134
40 – 50%	14	0	0	0	986	0	1000	2053	150
50 – 60%	0	0	6	0	994	0	1000	2131	144
60 – 70%	35	0	0	0	965	0	1000	2113	164
70 – 80%	5	0	0	13	983	0	1000	2474	195
80 – 90%	5	0	5	11	980	0	1000	3044	293
90 – 95%	0	0	0	0	1000	0	1000	1534	153
95 – 100%	0	0	0	0	897	0	1000	1690	148
all classes	**14**	**0**	**1**	**4**	**973**	**0**	**1000**	**21916**	**1854**
av. MPCE (Rs.)	1946.26	0	2895.96	2120.44	3408.64	1276.17	3408.45	x	x
estd. no. of hhs (00)	298	0	27	85	21323	8	21916	x	x
no. of sample hhs	30	0	2	6	1812	1	1854	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Madhya Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	168	0	0	0	810	0	1000	4522	73
5 – 10%	209	0	0	0	791	0	1000	4342	84
10 – 20%	256	0	0	0	744	0	1000	9410	201
20 – 30%	189	0	0	0	811	0	1000	9673	214
30 – 40%	208	0	0	0	791	0	1000	9926	211
40 – 50%	174	0	0	0	825	1	1000	9962	241
50 – 60%	151	0	0	0	849	0	1000	10141	280
60 – 70%	160	0	0	0	839	1	1000	10984	249
70 – 80%	104	0	8	0	888	0	1000	10801	365
80 – 90%	71	5	0	0	923	1	1000	11154	342
90 – 95%	94	0	1	0	905	0	1000	6767	199
95 – 100%	57	0	1	0	942	1	1000	7553	276
all classes	**152**	**1**	**1**	**0**	**845**	**0**	**1000**	**105234**	**2735**
av. MPCE (Rs.)	918.77	1755.59	1633.01	0	1192.45	1268.93	1152.39	x	x
estd. no. of hhs (00)	15973	61	104	0	88953	31	105234	x	x
no. of sample hhs	380	2	3	0	2344	4	2735	x	x
Urban									
0 – 5%	25	0	0	0	966	0	1000	1554	106
5 – 10%	48	0	0	0	941	0	1000	1494	89
10 – 20%	26	0	0	0	970	0	1000	2821	154
20 – 30%	21	0	0	0	968	0	1000	2958	186
30 – 40%	37	0	0	0	959	0	1000	2989	173
40 – 50%	20	0	2	0	978	0	1000	3625	195
50 – 60%	10	0	0	0	985	0	1000	3543	196
60 – 70%	18	0	0	0	982	0	1000	3763	211
70 – 80%	20	0	0	0	980	0	1000	4018	207
80 – 90%	4	0	0	0	996	0	1000	4183	238
90 – 95%	0	0	0	0	1000	0	1000	2565	105
95 – 100%	0	0	0	0	995	0	1000	3397	121
all classes	**17**	**0**	**0**	**0**	**980**	**0**	**1000**	**36909**	**1981**
av. MPCE (Rs.)	1345.02	0	1387.44	0	2069.13	0	2058.02	x	x
estd. no. of hhs (00)	628	0	9	0	36155	0	36909	x	x
no. of sample hhs	53	0	1	0	1918	0	1981	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Maharashtra

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	311	0	0	0	678	10	1000	5223	132
5 – 10%	302	0	0	0	697	0	1000	5964	135
10 – 20%	185	0	0	0	802	12	1000	11525	265
20 – 30%	51	0	0	2	943	5	1000	12176	284
30 – 40%	98	0	0	1	900	1	1000	12040	300
40 – 50%	122	0	0	0	878	0	1000	12762	303
50 – 60%	64	0	1	17	857	1	1000	13748	400
60 – 70%	81	0	0	1	902	0	1000	13500	378
70 – 80%	58	0	0	0	941	1	1000	14285	512
80 – 90%	71	0	0	0	924	4	1000	15456	600
90 – 95%	27	0	0	0	971	1	1000	7839	326
95 – 100%	29	0	0	0	971	0	1000	10156	396
all classes	**99**	**0**	**0**	**2**	**888**	**3**	**1000**	**134674**	**4031**
av. MPCE (Rs.)	1166.76	0	1525.02	1413.32	1665.14	1172.17	1619.22	x	x
estd. no. of hhs (00)	13317	0	8	284	119637	354	134674	x	x
no. of sample hhs	242	0	1	7	3755	21	4031	x	x
Urban									
0 – 5%	47	0	0	0	953	0	1000	4177	292
5 – 10%	23	0	0	1	976	0	1000	4203	208
10 – 20%	7	0	0	0	989	0	1000	9290	363
20 – 30%	30	0	0	0	970	0	1000	9979	289
30 – 40%	2	0	0	0	998	0	1000	9623	314
40 – 50%	0	0	2	2	989	0	1000	10372	336
50 – 60%	12	0	0	1	988	0	1000	10790	342
60 – 70%	3	0	0	0	995	0	1000	12133	387
70 – 80%	11	0	0	0	989	0	1000	13759	399
80 – 90%	0	0	0	1	997	0	1000	14727	496
90 – 95%	0	0	0	6	994	0	1000	7900	285
95 – 100%	0	0	0	0	999	1	1000	10408	302
all classes	**8**	**0**	**0**	**1**	**989**	**0**	**1000**	**117361**	**4013**
av. MPCE (Rs.)	1676.96	0	2252.76	3647.72	3199.08	9033.32	3189.14	x	x
estd. no. of hhs (00)	988	0	26	89	116085	12	117361	x	x
no. of sample hhs	36	0	1	5	3966	1	4013	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Manipur

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	262	0	0	0	605	132	1000	129	38
5 – 10%	224	0	0	52	724	0	1000	152	43
10 – 20%	177	0	0	4	813	6	1000	314	143
20 – 30%	77	0	9	8	902	3	1000	335	111
30 – 40%	140	0	0	3	857	0	1000	298	81
40 – 50%	123	0	0	2	875	0	1000	334	126
50 – 60%	139	0	0	0	861	0	1000	334	108
60 – 70%	123	0	0	35	840	2	1000	351	152
70 – 80%	80	0	9	1	909	2	1000	326	163
80 – 90%	89	0	0	4	904	3	1000	367	201
90 – 95%	77	0	0	38	885	0	1000	167	97
95 – 100%	11	0	0	187	797	5	1000	222	113
all classes	**119**	**0**	**2**	**23**	**850**	**7**	**1000**	**3329**	**1376**
av. MPCE (Rs.)	1273.41	0	1443.19	1716.38	1539.46	915.61	1501.89	x	x
estd. no. of hhs (00)	396	0	6	76	2829	23	3329	x	x
no. of sample hhs	169	0	2	16	1177	12	1376	x	x
Urban									
0 – 5%	11	0	0	0	989	0	1000	49	62
5 – 10%	5	0	13	2	980	0	1000	51	64
10 – 20%	22	0	0	18	958	2	1000	118	123
20 – 30%	0	0	0	9	991	0	1000	122	96
30 – 40%	0	0	0	21	979	0	1000	126	94
40 – 50%	0	0	0	5	995	0	1000	124	98
50 – 60%	18	0	0	23	959	0	1000	127	107
60 – 70%	61	0	0	61	878	0	1000	136	108
70 – 80%	7	0	0	24	969	0	1000	125	139
80 – 90%	0	0	0	15	985	0	1000	137	136
90 – 95%	0	0	0	19	981	0	1000	74	74
95 – 100%	29	0	0	0	971	0	1000	100	83
all classes	**14**	**0**	**1**	**19**	**967**	**0**	**1000**	**1289**	**1184**
av. MPCE (Rs.)	1405.82	0	801.61	1437.61	1484.68	809.90	1482.63	x	x
estd. no. of hhs (00)	18	0	1	24	1246	0	1289	x	x
no. of sample hhs	13	0	1	23	1146	1	1184	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Meghalaya

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	174	0	0	0	826	0	1000	143	29
5 – 10%	131	0	0	0	869	0	1000	213	33
10 – 20%	253	0	0	0	744	0	1000	369	48
20 – 30%	234	0	0	0	766	0	1000	362	59
30 – 40%	318	0	0	0	682	0	1000	384	60
40 – 50%	93	0	0	0	907	0	1000	407	68
50 – 60%	193	0	0	0	789	18	1000	375	80
60 – 70%	119	0	0	0	857	25	1000	396	78
70 – 80%	90	0	0	0	903	8	1000	443	94
80 – 90%	114	0	0	0	883	3	1000	492	130
90 – 95%	30	0	0	0	943	15	1000	257	73
95 – 100%	53	0	0	0	940	7	1000	295	104
all classes	**152**	**0**	**0**	**0**	**840**	**7**	**1000**	**4138**	**856**
av. MPCE (Rs.)	1260.14	0	0	0	1507.03	1679.29	1474.78	x	x
estd. no. of hhs (00)	630	0	0	0	3477	27	4138	x	x
no. of sample hhs	90	0	0	0	752	12	856	x	x
Urban									
0 – 5%	42	0	0	0	958	0	1000	38	40
5 – 10%	66	0	0	0	934	0	1000	38	21
10 – 20%	6	0	0	0	968	0	1000	82	37
20 – 30%	9	0	0	0	975	0	1000	104	40
30 – 40%	41	0	0	0	959	0	1000	104	33
40 – 50%	0	0	0	0	1000	0	1000	101	36
50 – 60%	0	0	62	0	938	0	1000	118	35
60 – 70%	0	0	0	0	1000	0	1000	104	38
70 – 80%	68	0	0	0	932	0	1000	100	38
80 – 90%	0	0	0	0	1000	0	1000	124	34
90 – 95%	0	0	0	0	1000	0	1000	67	17
95 – 100%	0	0	0	0	1000	0	1000	132	35
all classes	**15**	**0**	**7**	**0**	**975**	**0**	**1000**	**1114**	**404**
av. MPCE (Rs.)	1843.48	0	2373.72	0	2445.51	0	2435.66	x	x
estd. no. of hhs (00)	17	0	7	0	1086	0	1114	x	x
no. of sample hhs	7	0	1	0	394	0	404	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Mizoram

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	328	0	0	243	430	0	1000	51	17
5 – 10%	153	0	0	263	584	0	1000	49	19
10 – 20%	80	0	0	206	714	0	1000	106	30
20 – 30%	87	0	0	0	913	0	1000	101	31
30 – 40%	15	0	0	106	879	0	1000	98	39
40 – 50%	39	0	0	158	802	0	1000	109	49
50 – 60%	35	0	0	76	889	0	1000	107	55
60 – 70%	17	0	13	0	970	0	1000	103	62
70 – 80%	75	0	0	52	862	11	1000	108	87
80 – 90%	14	0	0	28	958	0	1000	131	117
90 – 95%	105	0	43	22	809	21	1000	54	57
95 – 100%	9	0	0	41	950	0	1000	72	77
all classes	**63**	**0**	**3**	**88**	**843**	**2**	**1000**	**1090**	**640**
av. MPCE (Rs.)	1287.82	0	2120.82	1214.98	1710.24	2442.82	1643.69	x	x
estd. no. of hhs (00)	69	0	4	96	919	2	1090	x	x
no. of sample hhs	32	0	2	35	569	2	640	x	x
Urban									
0 – 5%	0	0	0	111	889	0	1000	43	35
5 – 10%	0	0	0	8	992	0	1000	43	53
10 – 20%	0	0	0	0	1000	0	1000	83	84
20 – 30%	0	0	0	0	1000	0	1000	89	78
30 – 40%	3	0	0	3	993	0	1000	85	78
40 – 50%	24	0	0	0	976	0	1000	97	92
50 – 60%	13	0	13	20	943	0	1000	96	97
60 – 70%	3	0	0	0	997	0	1000	93	87
70 – 80%	0	0	0	0	1000	0	1000	93	93
80 – 90%	0	0	0	0	1000	0	1000	90	89
90 – 95%	41	0	0	0	959	0	1000	46	46
95 – 100%	0	0	0	5	995	0	1000	64	64
all classes	**7**	**0**	**1**	**8**	**983**	**0**	**1000**	**923**	**896**
av. MPCE (Rs.)	3023.82	0	2496	1227.38	2576.42	0	2567.72	x	x
estd. no. of hhs (00)	6	0	1	8	907	0	923	x	x
no. of sample hhs	7	0	1	6	881	0	896	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Nagaland

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	63	12
5 – 10%	0	0	0	0	1000	0	1000	64	18
10 – 20%	4	0	0	0	996	0	1000	140	37
20 – 30%	77	0	0	0	923	0	1000	134	41
30 – 40%	0	0	0	0	1000	0	1000	152	32
40 – 50%	0	0	0	13	987	0	1000	140	50
50 – 60%	0	0	0	0	1000	0	1000	148	62
60 – 70%	0	0	0	0	1000	0	1000	141	85
70 – 80%	8	0	0	1	948	43	1000	146	80
80 – 90%	0	0	0	15	985	0	1000	158	98
90 – 95%	0	0	0	0	1000	0	1000	80	80
95 – 100%	0	0	0	3	997	0	1000	84	77
all classes	**8**	**0**	**0**	**3**	**984**	**4**	**1000**	**1448**	**672**
av. MPCE (Rs.)	1687.67	0	0	2431.05	2059.48	2333.67	2058.58	x	x
estd. no. of hhs (00)	12	0	0	5	1425	6	1448	x	x
no. of sample hhs	3	0	0	5	663	1	672	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	32	6
5 – 10%	0	0	0	64	936	0	1000	44	11
10 – 20%	0	0	0	0	1000	0	1000	62	24
20 – 30%	0	0	0	0	955	45	1000	78	30
30 – 40%	55	0	0	0	945	0	1000	80	37
40 – 50%	0	0	0	0	975	25	1000	82	40
50 – 60%	0	0	0	0	1000	0	1000	87	40
60 – 70%	0	0	0	0	1000	0	1000	96	39
70 – 80%	0	0	0	0	1000	0	1000	115	43
80 – 90%	0	0	0	0	1000	0	1000	89	33
90 – 95%	0	0	0	0	1000	0	1000	49	24
95 – 100%	0	0	0	0	1000	0	1000	53	25
all classes	**5**	**0**	**0**	**3**	**985**	**6**	**1000**	**866**	**352**
av. MPCE (Rs.)	1790.42	0	0	1130.13	2293.64	1790.23	2284.43	x	x
estd. no. of hhs (00)	4	0	0	3	853	6	866	x	x
no. of sample hhs	1	0	0	1	348	2	352	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Odisha

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	622	0	0	0	378	0	1000	3513	133
5 – 10%	540	0	0	0	460	0	1000	3321	96
10 – 20%	630	0	0	0	368	0	1000	6810	195
20 – 30%	511	0	0	0	489	0	1000	6839	249
30 – 40%	437	0	0	0	562	0	1000	7050	197
40 – 50%	350	0	0	0	650	0	1000	7039	228
50 – 60%	302	0	0	0	698	0	1000	7255	273
60 – 70%	159	0	0	0	841	0	1000	8028	306
70 – 80%	219	0	0	0	773	7	1000	8128	328
80 – 90%	157	0	0	0	843	0	1000	8639	398
90 – 95%	78	0	0	0	922	0	1000	4296	241
95 – 100%	67	0	0	0	933	0	1000	5224	330
all classes	**323**	**0**	**0**	**0**	**676**	**1**	**1000**	**76142**	**2974**
av. MPCE (Rs.)	776.60	0	0	0	1104.84	1140.42	1002.61	x	x
estd. no. of hhs (00)	24592	0	0	0	51468	59	76142	x	x
no. of sample hhs	759	0	0	0	2211	1	2974	x	x
Urban									
0 – 5%	130	0	0	0	827	0	1000	534	56
5 – 10%	99	0	0	0	901	0	1000	675	83
10 – 20%	109	0	0	0	891	0	1000	1137	95
20 – 30%	125	0	0	0	875	0	1000	1289	108
30 – 40%	2	0	0	0	998	0	1000	1133	65
40 – 50%	17	0	0	0	983	0	1000	1373	56
50 – 60%	27	0	0	0	973	0	1000	1508	96
60 – 70%	7	0	0	0	993	0	1000	1683	97
70 – 80%	0	0	0	0	1000	0	1000	1959	115
80 – 90%	0	0	0	11	989	0	1000	1833	138
90 – 95%	31	0	0	0	969	0	1000	979	72
95 – 100%	0	0	0	0	994	0	1000	1138	71
all classes	**35**	**0**	**0**	**1**	**962**	**0**	**1000**	**15242**	**1052**
av. MPCE (Rs.)	930.06	0	0	3038.54	1976.90	0	1940.61	x	x
estd. no. of hhs (00)	529	0	0	20	14663	0	15242	x	x
no. of sample hhs	78	0	0	1	970	0	1052	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Punjab

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	137	0	0	11	851	0	1000	1357	46
5 – 10%	0	0	0	25	975	0	1000	1454	53
10 – 20%	0	0	0	6	994	0	1000	2860	106
20 – 30%	1	0	0	0	983	16	1000	3184	142
30 – 40%	9	0	3	0	988	0	1000	3386	129
40 – 50%	42	0	4	7	940	0	1000	3230	139
50 – 60%	15	0	6	0	978	0	1000	3387	159
60 – 70%	18	0	4	34	944	0	1000	3574	170
70 – 80%	7	0	0	1	992	0	1000	3806	180
80 – 90%	0	0	0	4	996	0	1000	3747	188
90 – 95%	0	0	0	0	1000	0	1000	1893	117
95 – 100%	0	0	0	0	994	6	1000	2283	123
all classes	**15**	**0**	**2**	**7**	**974**	**2**	**1000**	**34161**	**1552**
av. MPCE (Rs.)	1643.70	0	2178.10	1906.25	2358.96	2186.09	2344.66	x	x
estd. no. of hhs (00)	501	0	59	230	33281	62	34161	x	x
no. of sample hhs	13	0	5	11	1520	2	1552	x	x
Urban									
0 – 5%	5	0	0	128	867	0	1000	726	81
5 – 10%	61	0	0	0	931	9	1000	808	91
10 – 20%	3	0	8	19	970	0	1000	1782	123
20 – 30%	2	0	0	0	995	0	1000	1841	147
30 – 40%	12	0	0	7	981	0	1000	1966	114
40 – 50%	1	0	0	0	999	0	1000	2092	136
50 – 60%	3	0	0	0	997	0	1000	2284	126
60 – 70%	1	0	0	0	999	0	1000	2497	154
70 – 80%	9	0	13	0	978	0	1000	2423	151
80 – 90%	1	0	0	0	999	0	1000	2723	185
90 – 95%	0	0	0	0	982	0	1000	1603	136
95 – 100%	0	0	0	0	995	0	1000	1925	122
all classes	**5**	**0**	**2**	**6**	**984**	**0**	**1000**	**22670**	**1566**
av. MPCE (Rs.)	1592.45	0	2128.75	1136.12	2813.87	1232.89	2794.02	x	x
estd. no. of hhs (00)	119	0	47	142	22313	7	22670	x	x
no. of sample hhs	11	0	2	5	1543	1	1566	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Rajasthan

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	553	0	0	0	447	0	1000	4171	81
5 – 10%	550	0	0	0	450	0	1000	4311	127
10 – 20%	380	0	0	0	603	17	1000	8514	210
20 – 30%	257	0	4	0	737	1	1000	8647	215
30 – 40%	275	0	0	0	712	13	1000	8028	239
40 – 50%	237	4	0	0	759	0	1000	8356	203
50 – 60%	168	0	0	0	832	0	1000	9334	221
60 – 70%	178	1	0	0	806	14	1000	9778	277
70 – 80%	120	0	4	0	877	0	1000	9492	252
80 – 90%	70	3	0	0	925	2	1000	10593	340
90 – 95%	90	0	0	0	910	0	1000	6344	185
95 – 100%	43	0	0	0	944	13	1000	6888	229
all classes	**216**	**1**	**1**	**0**	**777**	**5**	**1000**	**94456**	**2579**
av. MPCE (Rs.)	1161.27	1555.54	1514.37	1149.78	1708.72	1564.4	1597.50	x	x
estd. no. of hhs (00)	20375	73	73	4	73418	513	94456	x	x
no. of sample hhs	454	5	2	1	2106	11	2579	x	x
Urban									
0 – 5%	108	0	0	5	887	0	1000	968	76
5 – 10%	8	0	0	0	992	0	1000	1248	97
10 – 20%	58	0	0	0	942	0	1000	2444	142
20 – 30%	22	0	0	17	960	0	1000	2431	114
30 – 40%	29	0	0	43	928	0	1000	2456	106
40 – 50%	38	0	0	0	962	0	1000	2649	118
50 – 60%	7	0	0	0	993	0	1000	2835	132
60 – 70%	1	0	0	0	999	0	1000	3049	113
70 – 80%	0	0	0	0	992	0	1000	3365	186
80 – 90%	2	0	0	0	998	0	1000	4069	216
90 – 95%	12	0	0	0	988	0	1000	2198	125
95 – 100%	0	0	0	0	999	1	1000	3535	127
all classes	**17**	**0**	**0**	**5**	**977**	**0**	**1000**	**31248**	**1552**
av. MPCE (Rs.)	1316.10	0	0	1501.75	2465.58	5998.72	2442.40	x	x
estd. no. of hhs (00)	538	0	0	152	30526	2	31248	x	x
no. of sample hhs	36	0	0	3	1508	1	1552	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Sikkim

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	36	17
5 – 10%	209	0	0	0	791	0	1000	43	19
10 – 20%	2	0	0	0	998	0	1000	86	31
20 – 30%	0	0	0	0	1000	0	1000	94	30
30 – 40%	94	0	0	0	906	0	1000	90	34
40 – 50%	0	0	6	0	994	0	1000	84	31
50 – 60%	20	0	5	0	975	0	1000	95	52
60 – 70%	0	0	0	0	1000	0	1000	95	61
70 – 80%	3	0	0	0	997	0	1000	114	83
80 – 90%	0	0	0	0	1000	0	1000	124	94
90 – 95%	0	0	0	0	1000	0	1000	66	70
95 – 100%	0	0	0	0	1000	0	1000	111	86
all classes	**19**	**0**	**1**	**0**	**980**	**0**	**1000**	**1038**	**608**
av. MPCE (Rs.)	1145.41	0	1359.06	0	1572.22	0	1564.91	x	x
estd. no. of hhs (00)	20	0	1	0	1017	0	1038	x	x
no. of sample hhs	5	0	2	0	601	0	608	x	x
Urban									
0 – 5%	67	0	0	0	933	0	1000	11	13
5 – 10%	0	0	0	0	1000	0	1000	11	14
10 – 20%	16	0	0	0	984	0	1000	23	26
20 – 30%	0	0	0	0	1000	0	1000	30	16
30 – 40%	0	0	0	0	1000	0	1000	23	14
40 – 50%	0	0	0	0	1000	0	1000	31	16
50 – 60%	0	0	0	0	1000	0	1000	26	15
60 – 70%	0	0	0	0	1000	0	1000	31	10
70 – 80%	0	0	0	0	1000	0	1000	35	11
80 – 90%	0	0	0	0	1000	0	1000	29	6
90 – 95%	0	0	0	0	1000	0	1000	33	12
95 – 100%	0	0	0	0	1000	0	1000	34	7
all classes	**3**	**0**	**0**	**0**	**997**	**0**	**1000**	**315**	**160**
av. MPCE (Rs.)	1163.85	0	0	0	2615.17	0	2607.87	x	x
estd. no. of hhs (00)	1	0	0	0	313	0	315	x	x
no. of sample hhs	3	0	0	0	157	0	160	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Tamil Nadu

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	158	0	0	0	842	0	1000	4320	71
5 – 10%	32	0	0	0	968	0	1000	4271	95
10 – 20%	41	0	0	0	958	0	1000	9347	221
20 – 30%	28	0	0	0	972	0	1000	8577	269
30 – 40%	40	0	0	0	960	0	1000	9620	279
40 – 50%	29	0	0	0	971	0	1000	9422	269
50 – 60%	37	0	0	0	963	0	1000	9422	304
60 – 70%	29	0	0	0	971	0	1000	10622	342
70 – 80%	18	0	0	0	981	0	1000	11357	391
80 – 90%	4	0	1	0	995	0	1000	11316	488
90 – 95%	4	0	2	0	995	0	1000	6006	279
95 – 100%	13	0	0	0	987	0	1000	7573	311
all classes	**31**	**0**	**0**	**0**	**969**	**0**	**1000**	**101853**	**3319**
av. MPCE (Rs.)	1341.32	0	2701.16	0	1702.63	0	1692.93	x	x
estd. no. of hhs (00)	3140	0	21	0	98687	0	101853	x	x
no. of sample hhs	91	0	3	0	3224	0	3319	x	x
Urban									
0 – 5%	62	0	0	0	938	0	1000	3570	275
5 – 10%	52	0	0	0	948	0	1000	3498	139
10 – 20%	30	0	2	0	967	2	1000	6959	265
20 – 30%	16	0	0	0	984	0	1000	7390	260
30 – 40%	5	0	0	0	993	0	1000	8363	263
40 – 50%	1	0	3	0	996	0	1000	8413	262
50 – 60%	9	0	0	0	991	0	1000	9080	333
60 – 70%	5	0	0	0	995	0	1000	8801	317
70 – 80%	0	0	0	0	991	0	1000	9136	369
80 – 90%	0	0	0	0	1000	0	1000	9848	428
90 – 95%	0	0	0	0	1000	0	1000	5776	230
95 – 100%	0	0	0	0	1000	0	1000	6264	186
all classes	**10**	**0**	**0**	**0**	**988**	**0**	**1000**	**87098**	**3327**
av. MPCE (Rs.)	1270.77	0	1777.76	0	2637.78	1268.23	2622.18	x	x
estd. no. of hhs (00)	911	0	34	0	86044	11	87098	x	x
no. of sample hhs	47	0	2	0	3275	1	3327	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Tripura

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	320	0	0	0	680	0	1000	305	40
5 – 10%	287	0	0	0	713	0	1000	317	49
10 – 20%	174	0	0	0	826	0	1000	650	97
20 – 30%	297	0	0	0	703	0	1000	670	84
30 – 40%	53	0	0	0	947	0	1000	619	96
40 – 50%	174	0	0	0	826	0	1000	659	106
50 – 60%	129	0	18	0	853	0	1000	734	113
60 – 70%	160	0	0	0	840	0	1000	773	139
70 – 80%	141	0	0	0	859	0	1000	815	153
80 – 90%	143	0	0	0	847	0	1000	777	197
90 – 95%	286	0	0	0	714	0	1000	454	109
95 – 100%	129	0	0	0	871	0	1000	432	129
all classes	**178**	**0**	**2**	**0**	**820**	**0**	**1000**	**7204**	**1312**
av. MPCE (Rs.)	1253.88	0	1241.20	0	1350.10	0	1334.39	x	x
estd. no. of hhs (00)	1279	0	13	0	5904	0	7204	x	x
no. of sample hhs	196	0	2	0	1113	0	1312	x	x
Urban									
0 – 5%	104	0	0	0	830	0	1000	60	53
5 – 10%	105	0	0	0	895	0	1000	61	57
10 – 20%	40	0	0	0	960	0	1000	138	41
20 – 30%	1	0	0	0	999	0	1000	115	29
30 – 40%	0	0	0	0	1000	0	1000	114	29
40 – 50%	10	0	0	0	990	0	1000	147	45
50 – 60%	0	0	0	0	1000	0	1000	151	49
60 – 70%	0	0	0	0	1000	0	1000	158	50
70 – 80%	0	0	0	16	984	0	1000	197	56
80 – 90%	0	0	0	14	986	0	1000	184	70
90 – 95%	0	0	0	0	1000	0	1000	106	30
95 – 100%	0	0	0	0	1000	0	1000	118	35
all classes	**13**	**0**	**0**	**4**	**981**	**0**	**1000**	**1548**	**544**
av. MPCE (Rs.)	1017.93	0	0	2866.51	2159.21	0	2144.45	x	x
estd. no. of hhs (00)	20	0	0	6	1519	0	1548	x	x
no. of sample hhs	15	0	0	4	524	0	544	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Uttar Pradesh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting						no. of hhs		
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	856	0	0	2	133	0	1000	12007	241
5 – 10%	840	0	0	19	141	0	1000	10799	208
10 – 20%	738	0	0	7	253	1	1000	22556	466
20 – 30%	710	0	0	4	287	0	1000	22583	460
30 – 40%	706	0	0	0	293	1	1000	24118	477
40 – 50%	633	0	4	1	357	5	1000	25516	561
50 – 60%	552	0	0	1	442	5	1000	24471	522
60 – 70%	548	0	0	1	451	1	1000	26106	546
70 – 80%	535	7	3	7	440	7	1000	28045	657
80 – 90%	436	1	0	5	556	2	1000	30876	782
90 – 95%	472	1	0	0	524	1	1000	16921	414
95 – 100%	250	0	0	22	714	14	1000	19726	581
all classes	**585**	**1**	**1**	**5**	**404**	**3**	**1000**	**263726**	**5915**
av. MPCE (Rs.)	1004.61	1473.70	1152.51	1577.19	1348.93	1388.70	1156.03	x	x
estd. no. of hhs (00)	154389	227	201	1304	106528	885	263726	x	x
no. of sample hhs	3090	3	4	22	2757	32	5915	x	x
Urban									
0 – 5%	433	0	0	14	551	0	1000	2846	172
5 – 10%	393	0	0	26	581	0	1000	2892	165
10 – 20%	285	0	0	4	710	0	1000	6157	277
20 – 30%	142	0	0	52	807	0	1000	6476	262
30 – 40%	117	0	0	0	883	0	1000	6912	230
40 – 50%	99	0	0	3	888	0	1000	7094	286
50 – 60%	90	0	0	7	904	0	1000	8095	283
60 – 70%	64	0	0	0	935	0	1000	8198	293
70 – 80%	48	0	10	1	936	0	1000	8606	339
80 – 90%	39	0	0	0	961	0	1000	9749	387
90 – 95%	6	0	0	1	987	0	1000	5827	247
95 – 100%	1	0	5	2	992	0	1000	7149	158
all classes	**108**	**0**	**2**	**7**	**881**	**0**	**1000**	**80002**	**3099**
av. MPCE (Rs.)	1051.82	0	4486.86	1043.73	2186.83	3243.21	2051.22	x	x
estd. no. of hhs (00)	8644	0	121	585	70494	4	80002	x	x
no. of sample hhs	414	0	2	22	2655	1	3099	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Uttarakhand

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	41	0	0	0	959	0	1000	587	41
5 – 10%	39	0	0	0	961	0	1000	662	49
10 – 20%	63	0	0	0	937	0	1000	1292	78
20 – 30%	61	0	0	0	921	15	1000	1445	99
30 – 40%	35	0	0	0	964	1	1000	1308	79
40 – 50%	28	0	0	0	972	0	1000	1371	84
50 – 60%	16	0	0	0	975	9	1000	1675	127
60 – 70%	42	0	0	0	958	0	1000	1622	101
70 – 80%	0	0	0	0	1000	0	1000	1664	110
80 – 90%	4	0	0	0	996	0	1000	1871	117
90 – 95%	0	0	0	0	982	18	1000	1044	63
95 – 100%	0	0	0	0	1000	0	1000	1144	100
all classes	**26**	**0**	**0**	**0**	**970**	**4**	**1000**	**15685**	**1048**
av. MPCE (Rs.)	1185.01	0	0	0	1742.41	1705.36	1725.77	x	x
estd. no. of hhs (00)	406	0	0	0	15217	57	15685	x	x
no. of sample hhs	36	0	0	0	1004	7	1048	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	227	22
5 – 10%	3	0	0	0	997	0	1000	185	47
10 – 20%	1	0	0	0	999	0	1000	422	50
20 – 30%	58	0	0	0	942	0	1000	544	43
30 – 40%	11	0	0	0	989	0	1000	447	63
40 – 50%	4	0	0	3	993	0	1000	471	47
50 – 60%	0	0	0	0	1000	0	1000	509	63
60 – 70%	0	0	0	0	1000	0	1000	482	52
70 – 80%	0	0	0	0	1000	0	1000	682	93
80 – 90%	9	0	0	0	991	0	1000	691	96
90 – 95%	0	0	0	0	1000	0	1000	467	76
95 – 100%	0	0	0	0	1000	0	1000	522	82
all classes	**8**	**0**	**0**	**0**	**992**	**0**	**1000**	**5648**	**734**
av. MPCE (Rs.)	1559.40	0	0	1747.68	2342.24	0	2338.99	x	x
estd. no. of hhs (00)	45	0	0	1	5601	0	5648	x	x
no. of sample hhs	7	0	0	1	726	0	734	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

West Bengal

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	646	0	0	0	337	0	1000	5548	117
5 – 10%	544	0	0	0	456	0	1000	6737	143
10 – 20%	447	0	0	0	549	3	1000	13364	233
20 – 30%	351	0	0	0	649	0	1000	14594	284
30 – 40%	354	0	0	0	635	10	1000	14285	283
40 – 50%	351	0	0	0	644	1	1000	14951	327
50 – 60%	320	1	0	2	676	1	1000	14832	293
60 – 70%	215	0	0	0	766	20	1000	14749	299
70 – 80%	161	0	1	0	838	0	1000	15932	373
80 – 90%	174	0	0	0	822	3	1000	16469	463
90 – 95%	143	0	0	0	857	0	1000	9542	325
95 – 100%	51	0	0	0	943	6	1000	8790	426
all classes	**293**	**0**	**0**	**0**	**702**	**4**	**1000**	**149793**	**3566**
av. MPCE (Rs.)	1003.99	1067.12	1495.13	1209.38	1410.73	1301.17	1290.68	x	x
estd. no. of hhs (00)	43838	15	13	32	105105	617	149793	x	x
no. of sample hhs	827	2	1	1	2705	26	3566	x	x
Urban									
0 – 5%	173	0	0	0	827	0	1000	2116	171
5 – 10%	231	0	0	0	769	0	1000	2212	145
10 – 20%	151	0	0	2	846	0	1000	4508	232
20 – 30%	83	0	0	0	906	0	1000	4818	206
30 – 40%	73	0	0	0	927	0	1000	5400	236
40 – 50%	26	0	0	0	974	0	1000	5447	192
50 – 60%	38	0	0	0	954	4	1000	6242	234
60 – 70%	32	0	0	0	958	0	1000	6447	242
70 – 80%	0	0	0	6	994	0	1000	7613	323
80 – 90%	15	0	0	0	982	0	1000	6893	331
90 – 95%	5	0	0	0	990	0	1000	4009	243
95 – 100%	0	0	0	0	995	5	1000	5000	191
all classes	**50**	**0**	**0**	**1**	**945**	**1**	**1000**	**60705**	**2746**
av. MPCE (Rs.)	1286.95	0	0	2127.47	2659.28	11001.47	2591.04	x	x
estd. no. of hhs (00)	3057	0	0	52	57353	49	60705	x	x
no. of sample hhs	164	0	0	2	2568	3	2746	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

A & N Islands

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	394	78	0	0	528	0	1000	23	10
5 – 10%	405	0	0	0	595	0	1000	21	14
10 – 20%	151	0	0	0	849	0	1000	46	15
20 – 30%	120	0	0	0	880	0	1000	40	21
30 – 40%	236	90	0	0	674	0	1000	47	21
40 – 50%	35	0	0	0	965	0	1000	51	25
50 – 60%	97	0	0	0	903	0	1000	51	26
60 – 70%	0	0	0	0	1000	0	1000	49	17
70 – 80%	0	0	0	0	1000	0	1000	50	36
80 – 90%	0	0	0	0	1000	0	1000	63	36
90 – 95%	0	0	0	0	1000	0	1000	37	26
95 – 100%	0	0	0	0	999	1	1000	55	31
all classes	**88**	**11**	**0**	**0**	**900**	**0**	**1000**	**533**	**278**
av. MPCE (Rs.)	1492.82	1580.43	0	0	2846.72	5709.77	2711.62	x	x
estd. no. of hhs (00)	47	6	0	0	480	0	533	x	x
no. of sample hhs	26	2	0	0	249	1	278	x	x
Urban									
0 – 5%	0	0	0	43	957	0	1000	11	12
5 – 10%	0	0	0	0	1000	0	1000	17	13
10 – 20%	0	0	0	0	1000	0	1000	29	18
20 – 30%	0	0	0	0	1000	0	1000	30	20
30 – 40%	0	0	0	0	1000	0	1000	33	21
40 – 50%	0	0	0	0	1000	0	1000	37	26
50 – 60%	10	0	0	0	990	0	1000	28	24
60 – 70%	0	0	0	0	1000	0	1000	33	32
70 – 80%	0	0	0	0	1000	0	1000	43	41
80 – 90%	0	0	0	0	1000	0	1000	47	42
90 – 95%	0	0	0	0	1000	0	1000	24	23
95 – 100%	0	0	0	0	1000	0	1000	24	16
all classes	**1**	**0**	**0**	**1**	**998**	**0**	**1000**	**355**	**288**
av. MPCE (Rs.)	3781.07	0	0	1502.98	4643.47	0	4641.92	x	x
estd. no. of hhs (00)	0	0	0	0	354	0	355	x	x
no. of sample hhs	1	0	0	1	286	0	288	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Chandigarh

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	1	2
5 – 10%	0	0	0	0	1000	0	1000	11	1
10 – 20%	0	0	0	0	1000	0	1000	7	3
20 – 30%	0	0	0	0	1000	0	1000	21	3
30 – 40%	0	0	0	0	1000	0	1000	10	6
40 – 50%	0	0	0	0	1000	0	1000	13	2
50 – 60%	0	0	0	0	1000	0	1000	17	5
60 – 70%	0	0	76	0	924	0	1000	21	6
70 – 80%	0	0	0	0	1000	0	1000	32	10
80 – 90%	0	0	9	0	991	0	1000	26	13
90 – 95%	0	0	0	0	1000	0	1000	13	6
95 – 100%	0	0	0	0	1000	0	1000	21	7
all classes	**0**	**0**	**9**	**0**	**991**	**0**	**1000**	**193**	**64**
av. MPCE (Rs.)	0	0	2543.41	0	2635.88	0	2632.97	x	x
estd. no. of hhs (00)	0	0	2	0	191	0	193	x	x
no. of sample hhs	0	0	2	0	62	0	64	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	62	5
5 – 10%	0	0	0	0	1000	0	1000	74	6
10 – 20%	6	0	0	0	994	0	1000	191	15
20 – 30%	6	0	0	0	994	0	1000	176	24
30 – 40%	0	0	0	0	1000	0	1000	170	18
40 – 50%	30	0	0	0	970	0	1000	224	22
50 – 60%	0	0	0	0	1000	0	1000	251	29
60 – 70%	0	0	0	0	1000	0	1000	165	23
70 – 80%	0	0	0	0	1000	0	1000	250	25
80 – 90%	0	0	0	0	1000	0	1000	266	44
90 – 95%	0	0	0	0	1000	0	1000	144	19
95 – 100%	0	0	0	0	1000	0	1000	179	18
all classes	**4**	**0**	**0**	**0**	**996**	**0**	**1000**	**2152**	**248**
av. MPCE (Rs.)	2146.16	0	0	0	3360.13	0	3357.05	x	x
estd. no. of hhs (00)	9	0	0	0	2143	0	2152	x	x
no. of sample hhs	3	0	0	0	245	0	248	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Dadra & N. Haveli

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	29	3
5 – 10%	0	0	0	0	1000	0	1000	8	4
10 – 20%	0	0	0	0	1000	0	1000	23	6
20 – 30%	56	0	0	0	944	0	1000	76	6
30 – 40%	0	0	230	0	770	0	1000	22	4
40 – 50%	0	0	0	0	1000	0	1000	30	9
50 – 60%	0	0	0	0	1000	0	1000	49	12
60 – 70%	0	0	0	0	1000	0	1000	35	7
70 – 80%	0	0	0	0	1000	0	1000	27	10
80 – 90%	0	0	0	0	1000	0	1000	36	10
90 – 95%	0	0	0	0	1000	0	1000	30	3
95 – 100%	0	0	0	0	1000	0	1000	40	22
all classes	**11**	**0**	**12**	**0**	**977**	**0**	**1000**	**404**	**96**
av. MPCE (Rs.)	771.46	0	798.81	0	1133.82	0	1123.16	x	x
estd. no. of hhs (00)	4	0	5	0	395	0	404	x	x
no. of sample hhs	1	0	1	0	94	0	96	x	x
Urban									
0 – 5%	109	0	0	0	891	0	1000	11	7
5 – 10%	0	0	0	0	1000	0	1000	9	6
10 – 20%	0	0	0	0	1000	0	1000	23	10
20 – 30%	0	0	0	0	1000	0	1000	36	8
30 – 40%	0	0	0	0	1000	0	1000	32	9
40 – 50%	0	0	0	0	1000	0	1000	38	7
50 – 60%	0	0	0	0	1000	0	1000	41	10
60 – 70%	0	0	0	0	1000	0	1000	20	5
70 – 80%	0	0	0	0	1000	0	1000	37	13
80 – 90%	0	0	0	0	1000	0	1000	36	13
90 – 95%	0	0	0	0	1000	0	1000	22	1
95 – 100%	0	0	0	0	1000	0	1000	55	5
all classes	**3**	**0**	**0**	**0**	**997**	**0**	**1000**	**359**	**94**
av. MPCE (Rs.)	898.59	0	0	0	2680.62	0	2671.34	x	x
estd. no. of hhs (00)	1	0	0	0	358	0	359	x	x
no. of sample hhs	1	0	0	0	93	0	94	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Daman & Diu

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	1	2
5 – 10%	0	0	0	0	1000	0	1000	23	1
10 – 20%	0	0	0	0	1000	0	1000	24	2
20 – 30%	0	0	0	0	1000	0	1000	11	2
30 – 40%	0	0	0	0	1000	0	1000	4	2
40 – 50%	0	0	0	0	1000	0	1000	47	8
50 – 60%	0	0	0	0	1000	0	1000	26	6
60 – 70%	0	0	0	0	1000	0	1000	77	8
70 – 80%	0	0	0	0	1000	0	1000	38	16
80 – 90%	0	0	0	0	1000	0	1000	77	11
90 – 95%	0	0	0	0	1000	0	1000	41	3
95 – 100%	0	0	0	0	1000	0	1000	44	3
all classes	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**415**	**64**
av. MPCE (Rs.)	0	0	0	0	2435.76	0	2435.76	x	x
estd. no. of hhs (00)	0	0	0	0	415	0	415	x	x
no. of sample hhs	0	0	0	0	64	0	64	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	6	8
5 – 10%	0	0	0	0	1000	0	1000	5	7
10 – 20%	0	0	0	0	1000	0	1000	15	4
20 – 30%	0	0	0	0	1000	0	1000	15	5
30 – 40%	0	0	0	0	1000	0	1000	13	5
40 – 50%	0	0	0	0	1000	0	1000	19	7
50 – 60%	0	0	0	0	1000	0	1000	14	5
60 – 70%	0	0	0	0	1000	0	1000	12	4
70 – 80%	0	0	0	0	1000	0	1000	9	4
80 – 90%	0	0	0	0	1000	0	1000	28	10
90 – 95%	0	0	0	0	1000	0	1000	12	2
95 – 100%	0	0	0	0	1000	0	1000	6	3
all classes	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**154**	**64**
av. MPCE (Rs.)	0	0	0	0	2388.42	0	2388.42	x	x
estd. no. of hhs (00)	0	0	0	0	154	0	154	x	x
no. of sample hhs	0	0	0	0	64	0	64	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Lakshadweep

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	3	3
5 – 10%	0	0	0	0	1000	0	1000	3	2
10 – 20%	0	0	0	0	1000	0	1000	4	5
20 – 30%	0	0	0	0	1000	0	1000	3	6
30 – 40%	0	0	0	0	1000	0	1000	5	4
40 – 50%	0	0	0	0	1000	0	1000	4	2
50 – 60%	0	0	0	0	1000	0	1000	4	2
60 – 70%	0	0	0	0	1000	0	1000	5	3
70 – 80%	0	0	0	0	1000	0	1000	8	7
80 – 90%	0	0	0	0	1000	0	1000	10	16
90 – 95%	0	0	0	0	1000	0	1000	3	5
95 – 100%	0	0	0	0	1000	0	1000	3	8
all classes	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**56**	**63**
av. MPCE (Rs.)	0	0	0	0	2924.13	0	2924.13	x	x
estd. no. of hhs (00)	0	0	0	0	56	0	56	x	x
no. of sample hhs	0	0	0	0	63	0	63	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	2	3
5 – 10%	0	0	0	0	1000	0	1000	2	8
10 – 20%	0	0	0	0	1000	0	1000	2	4
20 – 30%	0	0	0	0	1000	0	1000	4	10
30 – 40%	0	0	0	0	1000	0	1000	4	6
40 – 50%	0	0	0	0	1000	0	1000	3	7
50 – 60%	0	0	0	0	1000	0	1000	6	15
60 – 70%	0	0	0	0	1000	0	1000	5	12
70 – 80%	0	0	0	0	1000	0	1000	6	15
80 – 90%	0	0	0	0	1000	0	1000	9	24
90 – 95%	0	0	0	0	1000	0	1000	4	9
95 – 100%	0	0	0	0	1000	0	1000	4	15
all classes	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**51**	**128**
av. MPCE (Rs.)	0	0	0	0	3287.20	0	3287.20	x	x
estd. no. of hhs (00)	0	0	0	0	51	0	51	x	x
no. of sample hhs	0	0	0	0	128	0	128	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

Puducherry

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Rural									
0 – 5%	0	0	0	0	1000	0	1000	52	5
5 – 10%	0	0	0	0	1000	0	1000	47	5
10 – 20%	0	0	0	0	1000	0	1000	118	10
20 – 30%	0	0	0	0	1000	0	1000	91	8
30 – 40%	0	0	0	0	1000	0	1000	104	16
40 – 50%	0	0	0	0	1000	0	1000	130	10
50 – 60%	0	0	0	0	1000	0	1000	97	12
60 – 70%	0	0	0	0	1000	0	1000	104	10
70 – 80%	30	0	0	0	970	0	1000	81	10
80 – 90%	0	0	0	0	1000	0	1000	108	14
90 – 95%	0	0	0	0	1000	0	1000	142	6
95 – 100%	0	0	0	0	1000	0	1000	100	22
all classes	**2**	**0**	**0**	**0**	**998**	**0**	**1000**	**1175**	**128**
av. MPCE (Rs.)	2412.95	0	0	0	2173.17	0	2173.30	x	x
estd. no. of hhs (00)	2	0	0	0	1173	0	1175	x	x
no. of sample hhs	1	0	0	0	127	0	128	x	x
Urban									
0 – 5%	0	0	0	0	1000	0	1000	74	29
5 – 10%	0	0	0	0	1000	0	1000	74	24
10 – 20%	65	0	0	0	935	0	1000	178	28
20 – 30%	32	0	0	0	968	0	1000	175	33
30 – 40%	0	0	0	0	1000	0	1000	182	31
40 – 50%	0	0	0	0	1000	0	1000	259	35
50 – 60%	0	0	0	0	1000	0	1000	198	38
60 – 70%	0	0	0	0	1000	0	1000	243	40
70 – 80%	0	0	0	0	1000	0	1000	245	58
80 – 90%	0	0	0	0	1000	0	1000	257	62
90 – 95%	0	0	0	0	1000	0	1000	154	37
95 – 100%	0	0	0	0	1000	0	1000	141	33
all classes	**8**	**0**	**0**	**0**	**992**	**0**	**1000**	**2182**	**448**
av. MPCE (Rs.)	1817.12	0	0	0	3224.51	0	3215.85	x	x
estd. no. of hhs (00)	17	0	0	0	2165	0	2182	x	x
no. of sample hhs	3	0	0	0	445	0	448	x	x

* all including n.r. cases

Table 4: Per 1000 distribution of households in each fractile class of MPCE by primary source of energy for lighting

All-India

fractile class of MPCE	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
0 – 5%	571	0	0	1	418	3	1000	69554	1647
5 – 10%	533	0	0	2	463	2	1000	69063	1734
10 – 20%	466	0	1	2	527	1	1000	147460	3681
20 – 30%	420	0	1	1	576	2	1000	153542	4047
30 – 40%	352	0	1	1	643	3	1000	153084	4288
40 – 50%	293	0	0	1	701	1	1000	162813	4800
50 – 60%	263	0	0	1	731	4	1000	170586	5357
60 – 70%	194	1	1	2	794	2	1000	176263	6091
70 – 80%	159	1	1	2	830	6	1000	187172	7199
80 – 90%	116	0	1	1	879	1	1000	200308	8692
90 – 95%	84	0	1	2	910	3	1000	108149	5280
95 – 100%	37	0	2	5	953	2	1000	123314	6867
all classes	**265**	**0**	**1**	**2**	**727**	**2**	**1000**	**1721307**	**59683**
av. MPCE (Rs.)	1031.41	1465.21	1544.55	1649.78	1583.82	1337.43	1429.96	x	x
estd. no. of hhs(00)	456711	479	1421	3047	1251812	4135	1721307	x	x
no. of sample hhs	10749	22	75	161	48311	249	59683	x	x
									Urban
0 – 5%	207	0	0	8	781	0	1000	26949	2312
5 – 10%	134	0	0	17	844	0	1000	27743	2040
10 – 20%	68	0	0	3	925	1	1000	60392	3959
20 – 30%	43	1	1	2	950	1	1000	62868	3616
30 – 40%	33	0	0	8	957	0	1000	68694	3601
40 – 50%	18	0	1	1	980	0	1000	72313	3411
50 – 60%	16	0	2	2	978	1	1000	75583	3715
60 – 70%	29	0	1	1	966	1	1000	80759	3975
70 – 80%	11	0	3	2	981	1	1000	89047	4397
80 – 90%	5	0	1	1	991	0	1000	98395	5153
90 – 95%	2	0	0	0	995	1	1000	53817	3073
95 – 100%	0	0	2	1	990	1	1000	65759	2716
all classes	**32**	**0**	**1**	**3**	**961**	**1**	**1000**	**782319**	**41968**
av. MPCE (Rs.)	1188.76	1616.46	3188.23	1486.06	2680.40	2917.03	2629.65	x	x
estd. no. of hhs(00)	24863	99	818	2264	752169	501	782319	x	x
no. of sample hhs	1533	7	43	143	40104	50	41968	x	x

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh									
self-empl. in agri.	22	1	0	0	976	1	1000	42516	937
self-empl. in non-agri.	18	0	0	0	982	0	1000	22112	1178
regular wage/ salary earning	6	0	0	0	994	0	1000	14232	582
casual labour in: agriculture	21	0	0	0	979	0	1000	48287	546
casual labour in: non-agriculture	11	0	1	0	987	0	1000	13126	513
others	54	0	0	0	915	32	1000	11283	169
all	**21**	**0**	**0**	**0**	**976**	**3**	**1000**	**151556**	**3925**
Arunachal Pradesh									
self-empl. in agri.	236	1	2	20	557	89	1000	1096	538
self-empl. in non-agri.	86	0	0	32	872	2	1000	237	173
regular wage/ salary earning	42	0	0	18	910	14	1000	327	265
casual labour in: agriculture	324	0	0	0	676	0	1000	20	8
casual labour in: non-agriculture	414	0	0	0	586	0	1000	20	24
others	236	0	0	156	410	164	1000	100	55
all	**183**	**1**	**1**	**28**	**657**	**66**	**1000**	**1807**	**1066**
Assam									
self-empl. in agri.	524	0	0	0	470	4	1000	21836	742
self-empl. in non-agri.	343	0	0	0	651	6	1000	12212	906
regular wage/ salary earning	191	0	0	0	799	0	1000	6063	488
casual labour in: agriculture	562	0	0	0	438	0	1000	3910	85
casual labour in: non-agriculture	599	0	6	0	395	0	1000	4369	258
others	151	0	0	0	667	0	1000	2156	127
all	**433**	**0**	**1**	**0**	**553**	**3**	**1000**	**50592**	**2607**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Bihar									
self-empl. in agri.	667	0	0	0	325	0	1000	54187	938
self-empl. in non-agri.	702	0	5	1	290	1	1000	30707	1014
regular wage/ salary earning	455	0	11	1	515	2	1000	6396	274
casual labour in: agriculture	861	0	0	0	138	0	1000	42593	385
casual labour in: non-agriculture	845	0	0	0	151	4	1000	14210	379
others	700	0	3	0	289	1	1000	13758	313
all	**735**	**0**	**2**	**0**	**258**	**1**	**1000**	**162107**	**3310**
Chhattisgarh									
self-empl. in agri.	175	0	4	0	815	6	1000	18697	446
self-empl. in non-agri.	113	0	1	1	884	1	1000	2782	375
regular wage/ salary earning	22	0	5	0	973	0	1000	2499	307
casual labour in: agriculture	97	0	5	0	890	0	1000	12199	159
casual labour in: non-agriculture	77	0	0	0	923	0	1000	1975	122
others	340	0	0	0	575	0	1000	1360	31
all	**138**	**0**	**4**	**0**	**850**	**3**	**1000**	**39514**	**1440**
Delhi									
self-empl. in agri.	0	0	0	0	1000	0	1000	45	4
self-empl. in non-agri.	0	0	0	0	1000	0	1000	616	14
regular wage/ salary earning	0	0	0	0	1000	0	1000	1442	35
casual labour in: agriculture	0	0	0	0	0	0	0	0	0
casual labour in: non-agriculture	0	0	0	0	1000	0	1000	209	6
others	0	0	0	0	1000	0	1000	75	4
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**2387**	**63**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Goa									
self-empl. in agri.	0	0	0	0	1000	0	1000	142	29
self-empl. in non-agri.	0	0	0	0	1000	0	1000	505	50
regular wage/ salary earning	0	0	0	0	1000	0	1000	565	50
casual labour in: agriculture	0	0	0	0	1000	0	1000	40	6
casual labour in: non-agriculture	141	0	0	0	859	0	1000	204	11
others	0	0	0	0	1000	0	1000	154	13
all	**18**	**0**	**0**	**0**	**982**	**0**	**1000**	**1610**	**159**
Gujarat									
self-empl. in agri.	80	0	0	0	913	0	1000	29072	545
self-empl. in non-agri.	13	0	0	0	986	0	1000	8169	425
regular wage/ salary earning	40	0	3	0	958	0	1000	6864	352
casual labour in: agriculture	80	0	0	0	920	0	1000	18426	197
casual labour in: non-agriculture	59	0	1	0	940	0	1000	4483	148
others	0	0	0	0	1000	0	1000	2046	45
all	**64**	**0**	**0**	**0**	**932**	**0**	**1000**	**69060**	**1712**
Haryana									
self-empl. in agri.	0	0	6	17	973	1	1000	12173	469
self-empl. in non-agri.	13	0	26	2	953	5	1000	4522	239
regular wage/ salary earning	0	0	2	7	989	0	1000	5892	250
casual labour in: agriculture	58	0	26	0	907	0	1000	3956	121
casual labour in: non-agriculture	26	8	2	46	902	0	1000	5995	251
others	33	0	0	21	947	0	1000	2616	93
all	**15**	**1**	**9**	**17**	**951**	**1**	**1000**	**35153**	**1423**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Himachal Pradesh									
self-empl. in agri.	5	0	0	0	995	0	1000	4609	493
self-empl. in non-agri.	1	0	0	0	999	0	1000	1664	256
regular wage/ salary earning	5	0	0	0	989	4	1000	2924	421
casual labour in: agriculture	38	0	0	19	943	0	1000	165	22
casual labour in: non-agriculture	37	0	3	6	954	1	1000	2817	334
others	3	0	0	0	977	0	1000	1059	131
all	**11**	**0**	**1**	**1**	**983**	**1**	**1000**	**13237**	**1657**
Jammu & Kashmir									
self-empl. in agri.	35	0	0	0	962	2	1000	4042	481
self-empl. in non-agri.	35	0	0	0	964	0	1000	2825	431
regular wage/ salary earning	19	0	1	0	979	1	1000	2960	541
casual labour in: agriculture	20	0	0	0	980	0	1000	558	83
casual labour in: non-agriculture	35	7	0	0	957	1	1000	3139	391
others	24	2	0	5	945	1	1000	893	105
all	**30**	**2**	**0**	**0**	**965**	**1**	**1000**	**14417**	**2032**
Jharkhand									
self-empl. in agri.	425	0	0	0	559	16	1000	18857	553
self-empl. in non-agri.	292	0	0	0	707	1	1000	7200	439
regular wage/ salary earning	111	0	0	0	886	3	1000	2341	206
casual labour in: agriculture	593	0	0	0	403	0	1000	2199	48
casual labour in: non-agriculture	360	0	0	10	626	4	1000	11047	391
others	262	0	0	0	738	0	1000	3183	118
all	**368**	**0**	**0**	**2**	**621**	**8**	**1000**	**44869**	**1757**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Karnataka									
self-empl. in agri.	9	0	0	0	991	0	1000	30133	620
self-empl. in non-agri.	31	0	1	0	967	0	1000	10905	573
regular wage/ salary earning	7	0	0	0	967	26	1000	6902	315
casual labour in: agriculture	103	0	0	0	897	0	1000	24310	248
casual labour in: non-agriculture	32	0	0	7	957	0	1000	6434	233
others	111	0	0	0	889	0	1000	2641	59
all	**45**	**0**	**0**	**1**	**952**	**2**	**1000**	**81325**	**2048**
Kerala									
self-empl. in agri.	32	0	1	3	964	0	1000	8286	402
self-empl. in non-agri.	21	0	0	0	979	0	1000	9943	544
regular wage/ salary earning	27	0	0	3	965	0	1000	8835	479
casual labour in: agriculture	82	0	0	7	912	0	1000	5936	181
casual labour in: non-agriculture	34	0	3	5	957	0	1000	15452	643
others	15	0	0	0	985	0	1000	8473	359
all	**33**	**0**	**1**	**3**	**962**	**0**	**1000**	**56925**	**2608**
Madhya Pradesh									
self-empl. in agri.	142	0	2	0	855	0	1000	44199	974
self-empl. in non-agri.	75	0	0	0	923	1	1000	12234	620
regular wage/ salary earning	29	9	0	0	962	0	1000	6355	352
casual labour in: agriculture	159	0	0	0	837	0	1000	25116	288
casual labour in: non-agriculture	278	0	0	0	722	0	1000	14735	425
others	196	0	0	0	804	0	1000	2595	76
all	**152**	**1**	**1**	**0**	**845**	**0**	**1000**	**105234**	**2735**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Maharashtra									
self-empl. in agri.	61	0	0	0	932	7	1000	47869	1161
self-empl. in non-agri.	52	0	0	2	946	1	1000	13608	1064
regular wage/ salary earning	10	0	0	0	990	0	1000	15814	805
casual labour in: agriculture	179	0	0	5	816	0	1000	42207	511
casual labour in: non-agriculture	156	0	0	3	840	0	1000	7985	373
others	106	0	0	0	746	0	1000	7192	117
all	**99**	**0**	**0**	**2**	**888**	**3**	**1000**	**134674**	**4031**
Manipur									
self-empl. in agri.	180	0	2	13	793	12	1000	1543	382
self-empl. in non-agri.	68	0	0	5	926	2	1000	945	462
regular wage/ salary earning	52	0	5	9	928	6	1000	579	425
casual labour in: agriculture	112	0	0	101	787	0	1000	62	20
casual labour in: non-agriculture	165	0	0	7	828	0	1000	84	43
others	31	0	0	338	631	0	1000	115	42
all	**119**	**0**	**2**	**23**	**850**	**7**	**1000**	**3329**	**1376**
Meghalaya									
self-empl. in agri.	219	0	0	0	776	5	1000	2020	245
self-empl. in non-agri.	73	0	0	0	921	4	1000	793	266
regular wage/ salary earning	24	0	0	0	959	12	1000	628	221
casual labour in: agriculture	289	0	0	0	711	0	1000	320	35
casual labour in: non-agriculture	74	0	0	0	903	23	1000	238	59
others	29	0	0	0	971	0	1000	139	30
all	**152**	**0**	**0**	**0**	**840**	**7**	**1000**	**4138**	**856**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Mizoram									
self-empl. in agri.	79	0	5	102	815	0	1000	770	239
self-empl. in non-agri.	42	0	0	105	853	0	1000	99	125
regular wage/ salary earning	12	0	0	37	940	12	1000	187	243
casual labour in: agriculture	0	0	0	0	1000	0	1000	2	1
casual labour in: non-agriculture	152	0	0	0	848	0	1000	13	16
others	0	0	0	31	969	0	1000	18	16
all	**63**	**0**	**3**	**88**	**843**	**2**	**1000**	**1090**	**640**
Nagaland									
self-empl. in agri.	13	0	0	2	977	8	1000	789	186
self-empl. in non-agri.	0	0	0	1	999	0	1000	248	159
regular wage/ salary earning	2	0	0	7	991	0	1000	346	288
casual labour in: agriculture	0	0	0	0	0	0	0	0	0
casual labour in: non-agriculture	251	0	0	0	749	0	1000	5	5
others	0	0	0	0	1000	0	1000	61	34
all	**8**	**0**	**0**	**3**	**984**	**4**	**1000**	**1448**	**672**
Odisha									
self-empl. in agri.	296	0	0	0	704	0	1000	26096	736
self-empl. in non-agri.	246	0	0	0	754	0	1000	14168	899
regular wage/ salary earning	95	0	0	0	905	0	1000	5390	434
casual labour in: agriculture	454	0	0	0	543	4	1000	16215	267
casual labour in: non-agriculture	429	0	0	0	569	0	1000	9990	486
others	288	0	0	0	712	0	1000	4282	152
all	**323**	**0**	**0**	**0**	**676**	**1**	**1000**	**76142**	**2974**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Punjab									
self-empl. in agri.	18	0	0	2	980	0	1000	8646	447
self-empl. in non-agri.	0	0	2	16	979	2	1000	5369	298
regular wage/ salary earning	10	0	0	3	983	0	1000	5506	265
casual labour in: agriculture	22	0	0	8	970	0	1000	5160	137
casual labour in: non-agriculture	27	0	5	10	950	7	1000	6658	296
others	0	0	4	0	996	0	1000	2822	109
all	**15**	**0**	**2**	**7**	**974**	**2**	**1000**	**34161**	**1552**
Rajasthan									
self-empl. in agri.	196	0	2	0	799	3	1000	43143	885
self-empl. in non-agri.	50	0	0	0	948	2	1000	11768	488
regular wage/ salary earning	108	7	0	1	883	2	1000	7451	317
casual labour in: agriculture	492	0	0	0	508	0	1000	3750	71
casual labour in: non-agriculture	344	1	0	0	649	6	1000	22938	667
others	147	0	0	0	816	37	1000	5407	151
all	**216**	**1**	**1**	**0**	**777**	**5**	**1000**	**94456**	**2579**
Sikkim									
self-empl. in agri.	31	0	0	0	969	0	1000	570	150
self-empl. in non-agri.	0	0	5	0	995	0	1000	100	122
regular wage/ salary earning	1	0	2	0	997	0	1000	289	274
casual labour in: agriculture	0	0	0	0	1000	0	1000	2	2
casual labour in: non-agriculture	37	0	0	0	963	0	1000	52	38
others	0	0	0	0	1000	0	1000	25	21
all	**19**	**0**	**1**	**0**	**980**	**0**	**1000**	**1038**	**608**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Tamil Nadu									
self-empl. in agri.	14	0	0	0	986	0	1000	13555	525
self-empl. in non-agri.	33	0	0	0	967	0	1000	14202	743
regular wage/ salary earning	7	0	0	0	993	0	1000	13116	652
casual labour in: agriculture	40	0	0	0	960	0	1000	38455	550
casual labour in: non-agriculture	20	0	1	0	979	0	1000	14945	642
others	74	0	0	0	926	0	1000	7581	207
all	**31**	**0**	**0**	**0**	**969**	**0**	**1000**	**101853**	**3319**
Tripura									
self-empl. in agri.	157	0	0	0	843	0	1000	1561	288
self-empl. in non-agri.	107	0	0	0	893	0	1000	1129	250
regular wage/ salary earning	90	0	0	0	910	0	1000	714	240
casual labour in: agriculture	202	0	0	0	798	0	1000	629	62
casual labour in: non-agriculture	223	0	5	0	772	0	1000	2677	380
others	250	0	0	0	734	0	1000	494	92
all	**178**	**0**	**2**	**0**	**820**	**0**	**1000**	**7204**	**1312**
Uttar Pradesh									
self-empl. in agri.	593	2	1	1	398	5	1000	119253	2254
self-empl. in non-agri.	535	0	0	3	459	3	1000	42562	1363
regular wage/ salary earning	311	0	0	1	683	3	1000	13846	504
casual labour in: agriculture	709	0	0	6	284	1	1000	28610	345
casual labour in: non-agriculture	625	0	2	11	360	2	1000	47143	1189
others	555	0	0	33	404	0	1000	12312	260
all	**585**	**1**	**1**	**5**	**404**	**3**	**1000**	**263726**	**5915**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Uttarakhand									
self-empl. in agri.	25	0	0	0	969	5	1000	6116	314
self-empl. in non-agri.	18	0	0	0	979	1	1000	3579	292
regular wage/ salary earning	9	0	0	0	991	0	1000	1851	188
casual labour in: agriculture	0	0	0	0	1000	0	1000	584	22
casual labour in: non-agriculture	74	0	0	0	916	9	1000	2270	164
others	0	0	0	0	1000	0	1000	1284	68
all	**26**	**0**	**0**	**0**	**970**	**4**	**1000**	**15685**	**1048**
West Bengal									
self-empl. in agri.	185	0	0	0	814	0	1000	28749	598
self-empl. in non-agri.	227	0	0	0	771	2	1000	34685	1282
regular wage/ salary earning	131	0	0	0	855	5	1000	11023	530
casual labour in: agriculture	420	0	0	0	573	6	1000	50665	557
casual labour in: non-agriculture	345	0	0	2	643	10	1000	15617	413
others	284	0	0	0	716	0	1000	9015	185
all	**293**	**0**	**0**	**0**	**702**	**4**	**1000**	**149793**	**3566**
A & N Islands									
self-empl. in agri.	246	28	0	0	726	0	1000	148	56
self-empl. in non-agri.	43	0	0	0	957	0	1000	81	36
regular wage/ salary earning	4	0	0	0	996	0	1000	227	142
casual labour in: agriculture	578	0	0	0	422	0	1000	3	2
casual labour in: non-agriculture	78	30	0	0	892	0	1000	59	29
others	0	0	0	0	1000	0	1000	16	13
all	**88**	**11**	**0**	**0**	**900**	**0**	**1000**	**533**	**278**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Chandigarh									
self-empl. in agri.	0	0	384	0	616	0	1000	5	9
self-empl. in non-agri.	0	0	0	0	1000	0	1000	37	17
regular wage/ salary earning	0	0	0	0	1000	0	1000	101	28
casual labour in: agriculture	0	0	0	0	0	0	0	0	0
casual labour in: non-agriculture	0	0	0	0	1000	0	1000	10	3
others	0	0	0	0	1000	0	1000	41	7
all	**0**	**0**	**9**	**0**	**991**	**0**	**1000**	**193**	**64**
Dadra & N. Haveli									
self-empl. in agri.	0	0	54	0	946	0	1000	92	23
self-empl. in non-agri.	0	0	0	0	1000	0	1000	19	16
regular wage/ salary earning	0	0	0	0	1000	0	1000	158	44
casual labour in: agriculture	0	0	0	0	1000	0	1000	14	1
casual labour in: non-agriculture	97	0	0	0	903	0	1000	44	8
others	0	0	0	0	1000	0	1000	77	4
all	**11**	**0**	**12**	**0**	**977**	**0**	**1000**	**404**	**96**
Daman & Diu									
self-empl. in agri.	0	0	0	0	1000	0	1000	37	15
self-empl. in non-agri.	0	0	0	0	1000	0	1000	34	15
regular wage/ salary earning	0	0	0	0	1000	0	1000	296	30
casual labour in: agriculture	0	0	0	0	1000	0	1000	0	1
casual labour in: non-agriculture	0	0	0	0	1000	0	1000	37	2
others	0	0	0	0	1000	0	1000	11	1
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**415**	**64**

* all including n.r. cases

Table 5R: Per 1000 distribution of rural households of each household type by primary source of energy for lighting

Rural

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Lakshadweep									
self-empl. in agri.	0	0	0	0	1000	0	1000	3	5
self-empl. in non-agri.	0	0	0	0	1000	0	1000	8	12
regular wage/ salary earning	0	0	0	0	1000	0	1000	22	29
casual labour in: agriculture	0	0	0	0	1000	0	1000	3	2
casual labour in: non-agriculture	0	0	0	0	1000	0	1000	8	5
others	0	0	0	0	1000	0	1000	13	10
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**56**	**63**
Puducherry									
self-empl. in agri.	0	0	0	0	1000	0	1000	67	14
self-empl. in non-agri.	9	0	0	0	991	0	1000	273	27
regular wage/ salary earning	0	0	0	0	1000	0	1000	275	33
casual labour in: agriculture	0	0	0	0	1000	0	1000	212	19
casual labour in: non-agriculture	0	0	0	0	1000	0	1000	213	27
others	0	0	0	0	1000	0	1000	136	8
all	**2**	**0**	**0**	**0**	**998**	**0**	**1000**	**1175**	**128**
All-India									
self-empl. in agri.	281	0	1	1	712	3	1000	590923	16703
self-empl. in non-agri.	246	0	1	1	750	2	1000	270338	15173
regular wage/ salary earning	84	1	1	1	909	2	1000	152415	10609
casual labour in: agriculture	297	0	0	1	699	1	1000	374611	4982
casual labour in: non-agriculture	323	0	1	5	667	3	1000	229200	8974
others	250	0	1	5	722	6	1000	103429	3225
all	**265**	**0**	**1**	**2**	**727**	**2**	**1000**	**1721307**	**59683**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh									
self-employed	9	0	0	0	990	0	1000	22546	921
regular wage/ salary earning	4	0	2	1	992	0	1000	31806	1235
casual labour	42	0	0	0	958	0	1000	10016	416
others	10	0	8	0	980	2	1000	11201	399
all	**11**	**0**	**2**	**0**	**985**	**0**	**1000**	**75569**	**2971**
Arunachal Pradesh									
self-employed	6	0	0	0	994	0	1000	109	153
regular wage/ salary earning	9	0	0	9	976	0	1000	284	357
casual labour	68	0	0	57	835	40	1000	49	53
others	16	0	0	22	859	38	1000	42	43
all	**15**	**0**	**0**	**13**	**956**	**7**	**1000**	**486**	**608**
Assam									
self-employed	65	0	29	9	897	0	1000	2984	355
regular wage/ salary earning	54	0	0	0	940	7	1000	2789	317
casual labour	323	0	0	0	643	0	1000	553	59
others	55	0	1	0	921	0	1000	959	100
all	**79**	**0**	**12**	**4**	**897**	**3**	**1000**	**7287**	**832**
Bihar									
self-employed	142	2	0	0	847	0	1000	7784	615
regular wage/ salary earning	118	0	0	0	881	0	1000	4267	279
casual labour	420	0	0	0	541	9	1000	2186	151
others	149	0	7	6	821	0	1000	3679	218
all	**172**	**1**	**1**	**1**	**812**	**1**	**1000**	**17948**	**1270**
Chhattisgarh									
self-employed	55	3	9	1	931	1	1000	2987	232
regular wage/ salary earning	24	0	1	2	967	6	1000	4089	308
casual labour	45	16	0	39	899	0	1000	3429	130
others	11	0	0	28	906	15	1000	1368	64
all	**36**	**5**	**3**	**16**	**931**	**4**	**1000**	**11874**	**734**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Delhi									
self-employed	0	0	7	5	984	0	1000	11014	296
regular wage/ salary earning	0	0	0	8	991	0	1000	15745	482
casual labour	0	0	0	0	987	0	1000	1033	48
others	0	0	0	0	981	0	1000	1695	56
all	**0**	**0**	**3**	**6**	**988**	**0**	**1000**	**29486**	**882**
Goa									
self-employed	0	0	0	0	1000	0	1000	534	85
regular wage/ salary earning	0	0	0	0	1000	0	1000	841	146
casual labour	38	0	0	0	962	0	1000	89	18
others	0	0	0	0	1000	0	1000	246	39
all	**2**	**0**	**0**	**0**	**998**	**0**	**1000**	**1710**	**288**
Gujarat									
self-employed	31	0	0	19	949	0	1000	19967	696
regular wage/ salary earning	68	0	0	0	931	0	1000	30587	748
casual labour	73	0	0	4	923	0	1000	3706	149
others	6	0	0	0	994	0	1000	3408	124
all	**52**	**0**	**0**	**7**	**940**	**0**	**1000**	**57668**	**1717**
Haryana									
self-employed	0	0	6	7	986	0	1000	6613	455
regular wage/ salary earning	0	0	5	6	982	7	1000	7574	456
casual labour	12	0	0	50	926	12	1000	1859	141
others	0	0	0	0	996	4	1000	1737	113
all	**1**	**0**	**5**	**10**	**979**	**5**	**1000**	**17793**	**1166**
Himachal Pradesh									
self-employed	0	0	0	12	988	0	1000	384	85
regular wage/ salary earning	3	0	0	13	889	95	1000	1265	182
casual labour	55	0	0	0	945	0	1000	199	44
others	3	0	13	0	868	93	1000	421	72
all	**7**	**0**	**2**	**9**	**907**	**70**	**1000**	**2269**	**383**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Jammu & Kashmir									
self-employed	6	1	0	1	990	1	1000	1803	556
regular wage/ salary earning	8	0	3	5	984	0	1000	1836	518
casual labour	0	0	0	4	996	0	1000	580	166
others	0	0	0	29	971	0	1000	489	115
all	**5**	**1**	**1**	**6**	**987**	**0**	**1000**	**4708**	**1355**
Jharkhand									
self-employed	38	0	0	1	959	2	1000	3916	352
regular wage/ salary earning	8	0	0	0	990	0	1000	5191	330
casual labour	57	6	0	0	932	6	1000	2163	145
others	15	0	0	0	942	0	1000	2053	153
all	**26**	**1**	**0**	**0**	**964**	**1**	**1000**	**13323**	**980**
Karnataka									
self-employed	10	0	0	0	989	1	1000	18665	753
regular wage/ salary earning	4	0	3	0	993	0	1000	21337	762
casual labour	53	0	0	0	947	0	1000	6672	353
others	7	0	0	0	993	0	1000	5421	180
all	**12**	**0**	**1**	**0**	**986**	**0**	**1000**	**52095**	**2048**
Kerala									
self-employed	2	0	2	0	996	0	1000	5873	524
regular wage/ salary earning	6	0	0	10	985	0	1000	6611	525
casual labour	39	0	0	4	956	2	1000	5275	444
others	11	0	3	0	944	0	1000	4156	361
all	**14**	**0**	**1**	**4**	**973**	**0**	**1000**	**21916**	**1854**
Madhya Pradesh									
self-employed	20	0	1	0	979	0	1000	14105	861
regular wage/ salary earning	11	0	0	0	989	0	1000	14365	689
casual labour	18	0	0	0	972	0	1000	5344	279
others	29	0	0	0	952	0	1000	3025	149
all	**17**	**0**	**0**	**0**	**980**	**0**	**1000**	**36909**	**1981**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Maharashtra									
self-employed	3	0	0	0	997	0	1000	36953	1399
regular wage/ salary earning	7	0	0	1	989	0	1000	56996	1811
casual labour	37	0	0	0	962	0	1000	11104	427
others	8	0	0	0	991	1	1000	12308	376
all	**8**	**0**	**0**	**1**	**989**	**0**	**1000**	**117361**	**4013**
Manipur									
self-employed	23	0	1	22	954	0	1000	703	615
regular wage/ salary earning	2	0	0	5	992	0	1000	366	361
casual labour	9	0	0	63	924	4	1000	46	55
others	1	0	0	25	974	0	1000	174	153
all	**14**	**0**	**1**	**19**	**967**	**0**	**1000**	**1289**	**1184**
Meghalaya									
self-employed	5	0	0	0	995	0	1000	334	123
regular wage/ salary earning	20	0	13	0	968	0	1000	582	207
casual labour	49	0	0	0	927	0	1000	71	41
others	0	0	0	0	983	0	1000	127	33
all	**15**	**0**	**7**	**0**	**975**	**0**	**1000**	**1114**	**404**
Mizoram									
self-employed	7	0	0	8	982	0	1000	311	315
regular wage/ salary earning	9	0	3	2	987	0	1000	463	450
casual labour	0	0	0	28	972	0	1000	86	80
others	0	0	0	32	968	0	1000	60	50
all	**7**	**0**	**1**	**8**	**983**	**0**	**1000**	**923**	**896**
Nagaland									
self-employed	0	0	0	9	991	0	1000	325	135
regular wage/ salary earning	10	0	0	0	985	5	1000	430	180
casual labour	0	0	0	0	1000	0	1000	8	5
others	0	0	0	0	966	34	1000	103	32
all	**5**	**0**	**0**	**3**	**985**	**6**	**1000**	**866**	**352**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Odisha									
self-employed	17	0	0	0	983	0	1000	5689	385
regular wage/ salary earning	13	0	0	4	982	0	1000	5658	408
casual labour	158	0	0	0	842	0	1000	1896	130
others	28	0	0	0	960	0	1000	2000	129
all	**35**	**0**	**0**	**1**	**962**	**0**	**1000**	**15242**	**1052**
Punjab									
self-employed	5	0	5	14	975	0	1000	8629	667
regular wage/ salary earning	8	0	0	2	989	1	1000	9269	578
casual labour	1	0	0	0	999	0	1000	2392	170
others	0	0	0	0	984	0	1000	2380	151
all	**5**	**0**	**2**	**6**	**984**	**0**	**1000**	**22670**	**1566**
Rajasthan									
self-employed	13	0	0	0	987	0	1000	11964	639
regular wage/ salary earning	10	0	0	0	990	0	1000	10356	511
casual labour	60	0	0	37	898	0	1000	3971	201
others	9	0	0	0	990	0	1000	4957	201
all	**17**	**0**	**0**	**5**	**977**	**0**	**1000**	**31248**	**1552**
Sikkim									
self-employed	8	0	0	0	992	0	1000	91	45
regular wage/ salary earning	2	0	0	0	998	0	1000	149	88
casual labour	0	0	0	0	1000	0	1000	14	9
others	0	0	0	0	1000	0	1000	61	18
all	**3**	**0**	**0**	**0**	**997**	**0**	**1000**	**315**	**160**
Tamil Nadu									
self-employed	5	0	0	0	995	0	1000	23525	946
regular wage/ salary earning	4	0	0	0	994	0	1000	34868	1274
casual labour	36	0	2	0	961	1	1000	17548	720
others	3	0	0	0	997	0	1000	11156	387
all	**10**	**0**	**0**	**0**	**988**	**0**	**1000**	**87098**	**3327**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Tripura									
self-employed	8	0	0	0	992	0	1000	582	192
regular wage/ salary earning	12	0	0	0	988	0	1000	518	183
casual labour	35	0	0	0	965	0	1000	189	82
others	8	0	0	21	955	0	1000	259	87
all	**13**	**0**	**0**	**4**	**981**	**0**	**1000**	**1548**	**544**
Uttar Pradesh									
self-employed	127	0	0	13	860	0	1000	36492	1534
regular wage/ salary earning	45	0	1	2	948	0	1000	24891	909
casual labour	225	0	8	6	758	0	1000	10547	380
others	67	0	0	1	932	0	1000	8072	276
all	**108**	**0**	**2**	**7**	**881**	**0**	**1000**	**80002**	**3099**
Uttarakhand									
self-employed	4	0	0	0	996	0	1000	2552	298
regular wage/ salary earning	0	0	0	1	999	0	1000	2011	292
casual labour	5	0	0	0	995	0	1000	395	55
others	45	0	0	0	955	0	1000	690	89
all	**8**	**0**	**0**	**0**	**992**	**0**	**1000**	**5648**	**734**
West Bengal									
self-employed	70	0	0	0	929	0	1000	22547	1039
regular wage/ salary earning	19	0	0	2	974	1	1000	22442	1050
casual labour	118	0	0	0	876	0	1000	7902	323
others	14	0	0	0	976	3	1000	7810	333
all	**50**	**0**	**0**	**1**	**945**	**1**	**1000**	**60705**	**2746**
A & N Islands									
self-employed	5	0	0	0	995	0	1000	53	43
regular wage/ salary earning	0	0	0	0	1000	0	1000	226	179
casual labour	0	0	0	11	989	0	1000	43	43
others	0	0	0	0	1000	0	1000	33	23
all	**1**	**0**	**0**	**1**	**998**	**0**	**1000**	**355**	**288**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Chandigarh									
self-employed	0	0	0	0	1000	0	1000	516	68
regular wage/ salary earning	0	0	0	0	1000	0	1000	1398	149
casual labour	52	0	0	0	948	0	1000	174	20
others	0	0	0	0	1000	0	1000	64	11
all	**4**	**0**	**0**	**0**	**996**	**0**	**1000**	**2152**	**248**
Dadra & N. Haveli									
self-employed	0	0	0	0	1000	0	1000	66	19
regular wage/ salary earning	0	0	0	0	1000	0	1000	281	70
casual labour	102	0	0	0	898	0	1000	12	5
others	0	0	0	0	0	0	0	0	0
all	**3**	**0**	**0**	**0**	**997**	**0**	**1000**	**359**	**94**
Daman & Diu									
self-employed	0	0	0	0	1000	0	1000	51	22
regular wage/ salary earning	0	0	0	0	1000	0	1000	93	37
casual labour	0	0	0	0	1000	0	1000	7	3
others	0	0	0	0	1000	0	1000	3	2
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**154**	**64**
Lakshadweep									
self-employed	0	0	0	0	1000	0	1000	8	20
regular wage/ salary earning	0	0	0	0	1000	0	1000	28	66
casual labour	0	0	0	0	1000	0	1000	6	20
others	0	0	0	0	1000	0	1000	9	22
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**51**	**128**
Puducherry									
self-employed	0	0	0	0	1000	0	1000	442	101
regular wage/ salary earning	0	0	0	0	1000	0	1000	1054	224
casual labour	25	0	0	0	975	0	1000	339	64
others	26	0	0	0	974	0	1000	347	59
all	**8**	**0**	**0**	**0**	**992**	**0**	**1000**	**2182**	**448**

* all including n.r. cases

Table 5U: Per 1000 distribution of urban households of each household type by primary source of energy for lighting

Urban

household type	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
All-India									
self-employed	36	0	1	4	958	0	1000	271113	15544
regular wage/ salary earning	18	0	1	2	978	1	1000	320668	16361
casual labour	77	1	1	5	913	1	1000	99902	5429
others	21	0	1	1	968	2	1000	90514	4618
all	**32**	**0**	**1**	**3**	**961**	**1**	**1000**	**782319**	**41968**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
Andhra Pradesh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	30	0	0	0	967	3	1000	12259	284
SC	20	0	0	0	970	11	1000	33909	784
OBC	16	0	0	0	983	0	1000	78999	2024
others	32	1	0	0	967	0	1000	26390	833
all	**21**	**0**	**0**	**0**	**976**	**3**	**1000**	**151556**	**3925**
									Urban
ST	15	0	0	0	985	0	1000	1460	71
SC	38	0	5	0	957	0	1000	8745	389
OBC	10	0	2	1	985	1	1000	39241	1518
others	4	0	1	0	995	0	1000	26123	993
all	**11**	**0**	**2**	**0**	**985**	**0**	**1000**	**75569**	**2971**

Arunachal Pradesh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	175	1	2	37	621	91	1000	1266	820
SC	4	0	0	107	890	0	1000	29	19
OBC	11	0	0	0	989	0	1000	107	13
others	272	0	0	3	658	9	1000	399	212
all	**183**	**1**	**1**	**28**	**657**	**66**	**1000**	**1807**	**1066**
									Urban
ST	15	0	0	21	936	11	1000	248	328
SC	0	0	0	0	1000	0	1000	10	15
OBC	0	0	0	0	933	67	1000	14	22
others	16	0	0	5	978	0	1000	214	243
all	**15**	**0**	**0**	**13**	**956**	**7**	**1000**	**486**	**608**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
Assam

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	407	0	3	1	589	0	1000	8145	500
SC	383	0	0	0	603	14	1000	4755	271
OBC	428	0	0	0	537	5	1000	14808	717
others	457	0	0	0	540	1	1000	22874	1118
all	**433**	**0**	**1**	**0**	**553**	**3**	**1000**	**50592**	**2607**
									Urban
ST	45	0	1	0	954	0	1000	524	99
SC	157	0	0	0	843	0	1000	1204	118
OBC	40	0	3	0	940	12	1000	1614	203
others	75	0	21	7	889	0	1000	3944	412
all	**79**	**0**	**12**	**4**	**897**	**3**	**1000**	**7287**	**832**

Bihar

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	808	0	0	0	192	0	1000	2759	44
SC	837	0	0	0	160	0	1000	31713	552
OBC	744	0	2	0	247	1	1000	97524	1979
others	593	0	2	0	403	1	1000	29997	732
all	**735**	**0**	**2**	**0**	**258**	**1**	**1000**	**162107**	**3310**
									Urban
ST	474	0	0	0	518	0	1000	212	17
SC	256	0	9	0	735	0	1000	2640	152
OBC	167	1	0	2	811	0	1000	10776	740
others	118	0	0	0	877	5	1000	4309	360
all	**172**	**1**	**1**	**1**	**812**	**1**	**1000**	**17948**	**1270**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Chhattisgarh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	220	0	6	0	759	7	1000	15191	485
SC	106	0	0	0	878	0	1000	5796	193
OBC	80	0	4	0	917	0	1000	17114	666
others	95	0	0	0	905	0	1000	1411	96
all	**138**	**0**	**4**	**0**	**850**	**3**	**1000**	**39514**	**1440**
									Urban
ST	100	0	0	22	836	12	1000	1790	168
SC	0	0	0	43	954	2	1000	1762	81
OBC	34	11	2	11	942	0	1000	5758	292
others	22	0	8	3	959	10	1000	2564	193
all	**36**	**5**	**3**	**16**	**931**	**4**	**1000**	**11874**	**734**

Delhi

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	0	0	0	0	1000	0	1000	96	3
SC	0	0	0	0	1000	0	1000	692	13
OBC	0	0	0	0	1000	0	1000	202	11
others	0	0	0	0	1000	0	1000	1398	36
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**2387**	**63**
									Urban
ST	0	0	0	0	1000	0	1000	590	22
SC	0	0	0	15	973	0	1000	5010	173
OBC	0	0	1	0	999	0	1000	5590	146
others	0	0	4	6	988	0	1000	18296	541
all	**0**	**0**	**3**	**6**	**988**	**0**	**1000**	**29486**	**882**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
Goa

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	0	0	0	0	1000	0	1000	105	15
SC	957	0	0	0	43	0	1000	30	3
OBC	0	0	0	0	1000	0	1000	169	23
others	0	0	0	0	1000	0	1000	1305	118
all	**18**	**0**	**0**	**0**	**982**	**0**	**1000**	**1610**	**159**
									Urban
ST	0	0	0	0	1000	0	1000	40	6
SC	0	0	0	0	1000	0	1000	71	11
OBC	0	0	0	0	1000	0	1000	258	43
others	3	0	0	0	997	0	1000	1341	228
all	**2**	**0**	**0**	**0**	**998**	**0**	**1000**	**1710**	**288**

Gujarat

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	129	0	0	0	859	0	1000	18981	439
SC	55	0	3	0	941	0	1000	5052	133
OBC	50	0	0	0	950	0	1000	29881	770
others	13	0	0	0	987	0	1000	15147	370
all	**64**	**0**	**0**	**0**	**932**	**0**	**1000**	**69060**	**1712**
									Urban
ST	67	0	0	0	933	0	1000	2147	91
SC	22	0	0	0	969	0	1000	3240	119
OBC	133	0	0	20	846	0	1000	19875	629
others	4	0	0	0	995	0	1000	32406	878
all	**52**	**0**	**0**	**7**	**940**	**0**	**1000**	**57668**	**1717**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Haryana

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	59	0	0	0	876	0	1000	527	21
SC	15	0	24	4	950	1	1000	9570	410
OBC	6	0	3	31	951	1	1000	9481	376
others	19	3	4	17	955	1	1000	15576	616
all	**15**	**1**	**9**	**17**	**951**	**1**	**1000**	**35153**	**1423**
									Urban
ST	0	0	0	0	1000	0	1000	319	15
SC	0	0	0	24	961	13	1000	2530	205
OBC	5	0	17	12	958	8	1000	4764	283
others	0	0	0	6	993	1	1000	10180	663
all	**1**	**0**	**5**	**10**	**979**	**5**	**1000**	**17793**	**1166**

Himachal Pradesh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	21	0	0	0	979	0	1000	941	201
SC	22	0	0	0	975	3	1000	2817	345
OBC	13	0	0	6	981	0	1000	2644	296
others	5	0	1	0	988	1	1000	6836	815
all	**11**	**0**	**1**	**1**	**983**	**1**	**1000**	**13237**	**1657**
									Urban
ST	0	0	0	0	1000	0	1000	109	12
SC	19	0	0	0	977	4	1000	332	66
OBC	5	0	24	12	688	272	1000	231	44
others	5	0	0	11	917	59	1000	1598	261
all	**7**	**0**	**2**	**9**	**907**	**70**	**1000**	**2269**	**383**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Jammu & Kashmir

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	35	0	0	0	965	0	1000	1516	231
SC	5	0	1	3	991	0	1000	1593	170
OBC	18	0	0	0	978	4	1000	2091	269
others	37	2	0	0	957	1	1000	9216	1362
all	**30**	**2**	**0**	**0**	**965**	**1**	**1000**	**14417**	**2032**
									Urban
ST	4	0	0	52	944	0	1000	211	84
SC	11	0	8	12	969	0	1000	586	133
OBC	0	0	0	0	1000	0	1000	199	48
others	5	1	0	3	991	0	1000	3711	1090
all	**5**	**1**	**1**	**6**	**987**	**0**	**1000**	**4708**	**1355**

Jharkhand

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	491	0	0	0	509	0	1000	14537	499
SC	421	0	0	15	564	0	1000	7170	254
OBC	263	0	0	0	718	19	1000	19056	795
others	330	0	0	0	668	2	1000	4106	209
all	**368**	**0**	**0**	**2**	**621**	**8**	**1000**	**44869**	**1757**
									Urban
ST	52	0	0	0	948	0	1000	1890	137
SC	77	0	0	0	914	10	1000	1256	129
OBC	19	2	0	1	978	1	1000	6010	435
others	9	0	0	0	967	0	1000	4167	279
all	**26**	**1**	**0**	**0**	**964**	**1**	**1000**	**13323**	**980**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
Karnataka

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	40	0	0	0	955	0	1000	5543	120
SC	41	0	0	0	959	0	1000	14312	312
OBC	49	0	1	0	950	0	1000	43705	1148
others	39	0	0	2	948	10	1000	17765	468
all	**45**	**0**	**0**	**1**	**952**	**2**	**1000**	**81325**	**2048**
									Urban
ST	29	0	0	0	971	0	1000	2284	104
SC	22	0	0	0	978	0	1000	6438	279
OBC	10	0	0	0	989	0	1000	25996	1087
others	10	0	3	0	986	1	1000	17377	578
all	**12**	**0**	**1**	**0**	**986**	**0**	**1000**	**52095**	**2048**

Kerala

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	312	0	0	0	688	0	1000	879	31
SC	82	0	1	0	914	0	1000	6195	231
OBC	25	0	0	4	969	0	1000	34274	1571
others	13	0	3	1	983	0	1000	15577	775
all	**33**	**0**	**1**	**3**	**962**	**0**	**1000**	**56925**	**2608**
									Urban
ST	34	0	0	6	960	0	1000	328	25
SC	45	0	0	25	883	0	1000	1269	106
OBC	13	0	1	0	985	1	1000	14324	1227
others	6	0	2	8	964	0	1000	5995	496
all	**14**	**0**	**1**	**4**	**973**	**0**	**1000**	**21916**	**1854**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Madhya Pradesh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	180	2	0	0	817	0	1000	28954	637
SC	178	0	0	0	822	0	1000	18433	426
OBC	142	0	2	0	853	1	1000	43829	1220
others	85	0	0	0	914	0	1000	13923	449
all	**152**	**1**	**1**	**0**	**845**	**0**	**1000**	**105234**	**2735**
									Urban
ST	15	0	0	0	976	0	1000	2716	160
SC	21	0	2	0	973	0	1000	5255	263
OBC	26	0	0	0	971	0	1000	16720	892
others	4	0	0	0	995	0	1000	12200	664
all	**17**	**0**	**0**	**0**	**980**	**0**	**1000**	**36909**	**1981**

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Maharashtra

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	249	0	0	14	666	14	1000	18662	451
SC	168	0	0	0	831	0	1000	18896	480
OBC	59	0	0	0	939	1	1000	51830	1618
others	53	0	0	0	946	0	1000	45286	1482
all	**99**	**0**	**0**	**2**	**888**	**3**	**1000**	**134674**	**4031**
									Urban
ST	25	0	0	0	975	0	1000	4644	151
SC	17	0	0	0	983	0	1000	20057	620
OBC	8	0	1	0	991	0	1000	33639	1247
others	4	0	0	1	991	0	1000	59021	1995
all	**8**	**0**	**0**	**1**	**989**	**0**	**1000**	**117361**	**4013**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
Manipur

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	213	0	2	1	773	11	1000	1371	617
SC	69	0	0	24	906	0	1000	110	47
OBC	42	0	2	43	914	0	1000	1635	608
others	127	0	0	11	822	40	1000	213	104
all	**119**	**0**	**2**	**23**	**850**	**7**	**1000**	**3329**	**1376**
									Urban
ST	0	0	0	0	1000	0	1000	58	52
SC	34	0	0	18	947	0	1000	103	88
OBC	3	0	1	14	982	0	1000	924	814
others	56	0	0	46	898	0	1000	203	230
all	**14**	**0**	**1**	**19**	**967**	**0**	**1000**	**1289**	**1184**

Meghalaya

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	155	0	0	0	838	7	1000	3889	807
SC	0	0	0	0	1000	0	1000	18	1
OBC	0	0	0	0	619	0	1000	8	2
others	120	0	0	0	880	0	1000	224	46
all	**152**	**0**	**0**	**0**	**840**	**7**	**1000**	**4138**	**856**
									Urban
ST	10	0	9	0	981	0	1000	807	310
SC	0	0	0	0	920	0	1000	27	10
OBC	0	0	0	0	917	0	1000	20	14
others	34	0	0	0	966	0	1000	260	70
all	**15**	**0**	**7**	**0**	**975**	**0**	**1000**	**1114**	**404**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Mizoram

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	48	0	4	90	857	2	1000	1026	617
SC	0	0	0	0	1000	0	1000	2	2
OBC	799	0	0	0	201	0	1000	24	10
others	0	0	0	120	880	0	1000	37	11
all	**63**	**0**	**3**	**88**	**843**	**2**	**1000**	**1090**	**640**
									Urban
ST	5	0	1	9	984	0	1000	896	869
SC	0	0	0	0	1000	0	1000	3	6
OBC	145	0	0	0	855	0	1000	13	9
others	0	0	0	0	1000	0	1000	9	11
all	**7**	**0**	**1**	**8**	**983**	**0**	**1000**	**923**	**896**

Nagaland

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	8	0	0	3	984	4	1000	1430	666
SC	0	0	0	0	0	0	0	0	0
OBC	0	0	0	0	1000	0	1000	19	6
others	0	0	0	0	0	0	0	0	0
all	**8**	**0**	**0**	**3**	**984**	**4**	**1000**	**1448**	**672**
									Urban
ST	6	0	0	0	986	8	1000	733	334
SC	0	0	0	0	1000	0	1000	20	3
OBC	0	0	0	1000	0	0	1000	3	1
others	0	0	0	0	1000	0	1000	111	14
all	**5**	**0**	**0**	**3**	**985**	**6**	**1000**	**866**	**352**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Odisha

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	541	0	0	0	459	0	1000	18952	636
SC	299	0	0	0	701	0	1000	15610	570
OBC	270	0	0	0	728	2	1000	29128	1159
others	147	0	0	0	853	0	1000	12451	609
all	**323**	**0**	**0**	**0**	**676**	**1**	**1000**	**76142**	**2974**
									Urban
ST	152	0	0	0	839	0	1000	1301	107
SC	46	0	0	0	950	0	1000	3341	209
OBC	30	0	0	0	970	0	1000	4345	347
others	7	0	0	3	988	0	1000	6256	389
all	**35**	**0**	**0**	**1**	**962**	**0**	**1000**	**15242**	**1052**

Punjab

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	0	0	0	0	1000	0	1000	63	3
SC	22	0	3	7	964	4	1000	16629	692
OBC	12	0	3	23	963	0	1000	4285	179
others	7	0	0	2	991	0	1000	13184	678
all	**15**	**0**	**2**	**7**	**974**	**2**	**1000**	**34161**	**1552**
									Urban
ST	0	0	0	196	804	0	1000	341	15
SC	6	0	3	5	987	0	1000	5476	397
OBC	0	0	0	0	1000	0	1000	3681	277
others	7	0	2	4	983	1	1000	13171	877
all	**5**	**0**	**2**	**6**	**984**	**0**	**1000**	**22670**	**1566**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Rajasthan

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	394	1	0	0	605	0	1000	18176	424
SC	256	0	0	0	736	7	1000	18681	523
OBC	166	1	2	0	823	9	1000	43556	1204
others	86	2	0	0	912	0	1000	14043	428
all	**216**	**1**	**1**	**0**	**777**	**5**	**1000**	**94456**	**2579**
									Urban
ST	34	0	0	3	949	0	1000	1522	100
SC	27	0	0	0	971	0	1000	5529	243
OBC	24	0	0	12	963	0	1000	12022	603
others	4	0	0	0	996	0	1000	12174	606
all	**17**	**0**	**0**	**5**	**977**	**0**	**1000**	**31248**	**1552**

Sikkim

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	26	0	0	0	974	0	1000	410	258
SC	0	0	0	0	1000	0	1000	63	36
OBC	17	0	2	0	981	0	1000	528	295
others	0	0	0	0	1000	0	1000	37	19
all	**19**	**0**	**1**	**0**	**980**	**0**	**1000**	**1038**	**608**
									Urban
ST	4	0	0	0	996	0	1000	94	50
SC	17	0	0	0	983	0	1000	43	17
OBC	0	0	0	0	1000	0	1000	141	65
others	0	0	0	0	1000	0	1000	37	28
all	**3**	**0**	**0**	**0**	**997**	**0**	**1000**	**315**	**160**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Tamil Nadu

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	154	0	0	0	846	0	1000	2236	55
SC	47	0	0	0	952	0	1000	26883	689
OBC	21	0	0	0	978	0	1000	71016	2513
others	0	0	0	0	1000	0	1000	1718	62
all	**31**	**0**	**0**	**0**	**969**	**0**	**1000**	**101853**	**3319**
									Urban
ST	0	0	0	0	1000	0	1000	781	26
SC	37	0	0	0	961	1	1000	12682	464
OBC	6	0	0	0	992	0	1000	69042	2684
others	9	0	0	0	991	0	1000	4592	153
all	**10**	**0**	**0**	**0**	**988**	**0**	**1000**	**87098**	**3327**

Tripura

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	233	0	4	0	761	0	1000	3061	554
SC	149	0	0	0	851	0	1000	1300	228
OBC	119	0	0	0	881	0	1000	1103	204
others	139	0	0	0	861	0	1000	1740	326
all	**178**	**0**	**2**	**0**	**820**	**0**	**1000**	**7204**	**1312**
									Urban
ST	18	0	0	35	946	0	1000	133	39
SC	24	0	0	0	976	0	1000	345	132
OBC	11	0	0	1	988	0	1000	328	123
others	7	0	0	1	986	0	1000	742	249
all	**13**	**0**	**0**	**4**	**981**	**0**	**1000**	**1548**	**544**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Uttar Pradesh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	484	0	0	0	516	0	1000	3226	67
SC	662	0	0	13	323	1	1000	71733	1500
OBC	599	1	1	1	393	4	1000	144557	3168
others	426	0	2	4	564	4	1000	44210	1180
all	**585**	**1**	**1**	**5**	**404**	**3**	**1000**	**263726**	**5915**
									Urban
ST	131	0	0	0	869	0	1000	558	28
SC	162	0	0	11	821	0	1000	11672	459
OBC	144	0	1	10	844	0	1000	36433	1496
others	45	0	3	3	947	0	1000	31339	1116
all	**108**	**0**	**2**	**7**	**881**	**0**	**1000**	**80002**	**3099**

Uttarakhand

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	3	0	0	0	997	0	1000	622	39
SC	62	0	0	0	935	3	1000	3419	205
OBC	29	0	0	0	966	5	1000	2462	139
others	13	0	0	0	983	4	1000	9183	665
all	**26**	**0**	**0**	**0**	**970**	**4**	**1000**	**15685**	**1048**
									Urban
ST	0	0	0	0	1000	0	1000	141	15
SC	0	0	0	0	1000	0	1000	631	103
OBC	29	0	0	0	971	0	1000	1246	135
others	2	0	0	0	997	0	1000	3629	481
all	**8**	**0**	**0**	**0**	**992**	**0**	**1000**	**5648**	**734**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
West Bengal

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	305	0	0	0	685	10	1000	11629	200
SC	372	0	0	0	618	9	1000	48330	1064
OBC	217	0	0	0	782	1	1000	11424	375
others	253	0	0	0	744	1	1000	78410	1927
all	**293**	**0**	**0**	**0**	**702**	**4**	**1000**	**149793**	**3566**
									Urban
ST	123	0	0	0	877	0	1000	687	50
SC	111	0	0	4	884	0	1000	9914	479
OBC	20	0	0	0	980	0	1000	3508	218
others	39	0	0	0	956	1	1000	46593	1998
all	**50**	**0**	**0**	**1**	**945**	**1**	**1000**	**60705**	**2746**

A & N Islands

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	5	0	0	0	995	0	1000	60	50
SC	0	0	0	0	0	0	0	0	0
OBC	1	48	0	0	952	0	1000	88	48
others	122	5	0	0	874	0	1000	385	180
all	**88**	**11**	**0**	**0**	**900**	**0**	**1000**	**533**	**278**
									Urban
ST	0	0	0	0	1000	0	1000	5	3
SC	0	0	0	0	1000	0	1000	2	1
OBC	0	0	0	10	990	0	1000	44	38
others	1	0	0	0	999	0	1000	304	246
all	**1**	**0**	**0**	**1**	**998**	**0**	**1000**	**355**	**288**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Chandigarh

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	0	0	0	0	1000	0	1000	1	2
SC	0	0	0	0	1000	0	1000	32	4
OBC	0	0	0	0	1000	0	1000	43	13
others	0	0	15	0	985	0	1000	116	45
all	**0**	**0**	**9**	**0**	**991**	**0**	**1000**	**193**	**64**
									Urban
ST	0	0	0	0	1000	0	1000	45	5
SC	14	0	0	0	986	0	1000	495	49
OBC	0	0	0	0	1000	0	1000	385	44
others	2	0	0	0	998	0	1000	1226	150
all	**4**	**0**	**0**	**0**	**996**	**0**	**1000**	**2152**	**248**

Dadra & N. Haveli

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	12	0	15	0	973	0	1000	342	81
SC	0	0	0	0	1000	0	1000	3	2
OBC	0	0	0	0	1000	0	1000	32	5
others	0	0	0	0	1000	0	1000	28	8
all	**11**	**0**	**12**	**0**	**977**	**0**	**1000**	**404**	**96**
									Urban
ST	26	0	0	0	974	0	1000	46	20
SC	0	0	0	0	1000	0	1000	6	4
OBC	0	0	0	0	1000	0	1000	68	17
others	0	0	0	0	1000	0	1000	240	53
all	**3**	**0**	**0**	**0**	**997**	**0**	**1000**	**359**	**94**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting
Daman & Diu

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	0	0	0	0	1000	0	1000	36	11
SC	0	0	0	0	1000	0	1000	54	7
OBC	0	0	0	0	1000	0	1000	102	28
others	0	0	0	0	1000	0	1000	222	18
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**415**	**64**
									Urban
ST	0	0	0	0	1000	0	1000	14	6
SC	0	0	0	0	1000	0	1000	5	2
OBC	0	0	0	0	1000	0	1000	93	37
others	0	0	0	0	1000	0	1000	42	19
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**154**	**64**

Lakshadweep

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	0	0	0	0	1000	0	1000	53	61
SC	0	0	0	0	0	0	0	0	0
OBC	0	0	0	0	0	0	0	0	0
others	0	0	0	0	1000	0	1000	3	2
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**56**	**63**
									Urban
ST	0	0	0	0	1000	0	1000	44	112
SC	0	0	0	0	1000	0	1000	2	5
OBC	0	0	0	0	1000	0	1000	2	4
others	0	0	0	0	1000	0	1000	2	7
all	**0**	**0**	**0**	**0**	**1000**	**0**	**1000**	**51**	**128**

* all including n.r. cases

Table 6: Per 1000 distribution of households of each social group by primary source of energy for lighting Puducherry

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(9)	(10)	(11)
									Rural
ST	0	0	0	0	1000	0	1000	1	1
SC	0	0	0	0	1000	0	1000	262	27
OBC	3	0	0	0	997	0	1000	833	94
others	0	0	0	0	1000	0	1000	79	6
all	**2**	**0**	**0**	**0**	**998**	**0**	**1000**	**1175**	**128**
									Urban
ST	0	0	0	0	1000	0	1000	15	5
SC	56	0	0	0	944	0	1000	161	34
OBC	5	0	0	0	995	0	1000	1684	349
others	0	0	0	0	1000	0	1000	323	60
all	**8**	**0**	**0**	**0**	**992**	**0**	**1000**	**2182**	**448**

All-India

social group	per 1000 no. of households with primary source of energy for lighting							no. of hhs	
	kerosene	other oil	gas	candle	electricity	others	all*	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
									Rural
ST	275	0	1	2	711	4	1000	196945	9930
SC	323	0	1	3	668	3	1000	364091	10193
OBC	273	0	1	1	721	2	1000	756558	23546
others	194	0	1	1	801	1	1000	403488	16005
all	**265**	**0**	**1**	**2**	**727**	**2**	**1000**	**1721307**	**59683**
									Urban
ST	45	0	0	5	945	1	1000	27733	3636
SC	53	0	1	4	939	1	1000	110859	5564
OBC	40	0	1	4	954	1	1000	318993	16131
others	16	0	1	2	978	1	1000	324699	16631
all	**32**	**0**	**1**	**3**	**961**	**1**	**1000**	**782319**	**41968**

* all including n.r. cases

Appendix B

Sample Design and Estimation Procedure

Sample Design and Estimation Procedure

1. Introduction

1.1 The National Sample Survey (NSS), set up by the Government of India in 1950 to collect socio-economic data employing scientific sampling methods, conducted its 68th round during the period July 2011 - June 2012. The subjects covered were 'Household Consumer Expenditure' and 'Employment and Unemployment'. The last survey on these subjects was conducted in the 66th round of NSS (2009-10) which was the eighth survey in the quinquennial series of surveys on 'Household Consumer Expenditure' and 'Employment and Unemployment'. The 68th round survey was similar to the quinquennial series as far as subjects of enquiry, design, questionnaires and sample sizes were concerned.

2. Outline of survey programme

2.1 **Geographical coverage:** The survey covered the whole of the Indian Union *except* (i) interior villages of Nagaland situated beyond five km of any bus route and (ii) villages in Andaman and Nicobar Islands which remain inaccessible throughout the year.

2.2 **Period of survey and work programme:** The period of survey was of one year duration starting on 1st July 2011 and ending on 30th June 2012. The survey period was divided into four sub-rounds of three months' duration each as follows:

sub-round 1 :	July - Sept 2011
sub-round 2 :	Oct - Dec 2011
sub-round 3 :	Jan - March 2012
sub-round 4 :	April - June 2012

To ensure uniform spread of sample FSUs over the entire survey period, equal numbers of sample villages/ blocks (FSUs) were allotted for survey in each of these four sub-rounds, and attempts were made to survey each FSU during the sub-round to which it was allotted. However, because of the arduous field conditions, this restriction was not strictly enforced in Andaman and Nicobar Islands, Lakshadweep, and rural areas of Arunachal Pradesh and Nagaland.

2.3 **Schedules of enquiry:** The following schedules of enquiry were canvassed:

Schedule 0.0	: List of households
Schedule 1.0	: Consumer expenditure
Schedule 10	: Employment and unemployment

Two versions of Schedule 1.0, using different reference period systems, and called Schedule Type 1 and Schedule Type 2, were canvassed in this round in roughly equal numbers of sample households.

2.4 **Participation of States:** In this round all the States and Union Territories except Andaman & Nicobar Islands, Chandigarh, Dadra & Nagar Haveli, and Lakshadweep participated. The ratio of the size of the State sample (the sample in the survey conducted by the State/UT) to the Central sample size varied across States/UTs as follows:

Nagaland (U)	: triple
Andhra Pradesh, J & K , Manipur , Delhi	: double
Maharashtra (U) & Kerala	: one and a half
Gujarat	: half
Remaining States/ UTs	: equal

3. Sample Design

3.1 **Outline of sample design:** A stratified multi-stage design was adopted for the 68th round survey. The first stage units (FSU) were the 2001 Population Census villages (*panchayat* wards in case of Kerala) in the rural sector and Urban Frame Survey (UFS) blocks in the urban sector. In both sectors the ultimate stage units were households. When a large FSU was selected, there was an intermediate stage of sampling: the FSU was partitioned into a suitable number of hamlet-groups/ sub-blocks and two of these were selected to provide the households which would form the sampling frame for ultimate-stage sample selection.

3.2 **Sampling frame for first-stage units:** *For* the rural sector, the list of 2001 Census villages (henceforth the term 'village' will mean *panchayat* wards in case of Kerala) constituted the sampling frame. For the urban sector, the list of UFS blocks (UFS 2007-12) was the sampling frame.

3.3 **Stratification:** Within each district of a State/UT, generally speaking, two basic strata were formed: i) a rural stratum comprising all rural areas of the district and (ii) an urban stratum comprising all urban areas of the district. If, however, within the urban areas of a district, there were million-plus cities (towns with population 10 lakhs or more as per Population Census 2001), each such city formed a separate basic urban stratum and the remaining urban area of the district, another basic urban stratum.

3.4 **Sub-stratification:**

Rural sector r: If 'r' was the sample size allocated for a rural stratum, the number of sub-strata formed was 'r/4'. The villages within a district as per frame were first arranged in ascending order of population. Then cut-off points were marked off in this list demarcating sub-strata 1 to 'r/4' in such a way that each sub-stratum comprised a group of villages of the arranged frame and had more or less the same population.

Urban sector: If 'u' was the sample size for an urban stratum, the number of sub-strata formed was 'u/4'. If u/4 was more than 1, formation of 2 or more sub-strata was required. This was done by first arranging the towns in ascending order of number of households in the town as per UFS phase 2007-12 and then arranging the IV units of each town and the blocks within each IV unit in ascending order of their numbers. From this arranged frame of UFS blocks of all the towns/ million-plus cities of a stratum, 'u/4' sub-strata were formed in such a way that each sub-stratum had more or less the same number of households as per UFS 2007-12.

3.5 **Total sample size (FSUs):** 12784 FSUs were allocated for the Central sample at all-India level and 14772 FSUs for the State sample.

3.6 **Allocation of total sample to States and UTs:** The total number of sample FSUs was allocated to the States and UTs in proportion to population as per Census 2001 as far as possible given the resource availability in terms of number of field investigators, subject to a minimum sample allocation to each State/UT.

3.7 **Allocation of State/UT level sample to rural and urban sectors:** State/UT-level sample size was allocated between rural and urban sectors in proportion to population as per Census 2001 with double weightage to the urban sector. However, if such weighted allocation resulted in too large a sample size for the urban sector, the allocation for bigger states like Maharashtra, Tamil Nadu, etc. was restricted to that of the rural sector. A minimum of16 FSUs (minimum 8 each for rural and urban sector separately) was allocated to each State/UT.

3.8 **Allocation to strata and sub-strata:** Within each sector of a State/UT, the sample size was allocated to the different strata/sub-strata in proportion to the population as per Census 2001. Allocations at stratum level were adjusted to multiples of 4 with a minimum sample size of 4. Allocation for each sub-stratum was 4. Equal numbers of sample FSUs were allotted to the four sub-rounds.

3.9 **Selection of FSUs**

3.9.1 For the rural sector, from each sub-stratum, sample villages were selected with Probability Proportional to Size With Replacement (PPSWR), size being the population of the village as per Census 2001.

3.9.2 For the urban sector, UFS 2007-12 phase was used for all towns and cities and FSUs were selected from each sub-stratum by Simple Random Sampling Without Replacement (SRSWOR).

3.9.3 Both rural and urban samples were drawn in the form of two independent sub-samples and equal sample sizes were allocated to the four sub-rounds.

3.10 **Selection of hamlet-groups/sub-blocks**

3.10.1 **Number of hamlet-groups/ sub-blocks formed:** After identification of the boundaries of the FSU, it was first determined whether listing was to be done in the whole sample FSU or not. In case the population of the selected FSU was found to be 1200 or more, it was divided into a suitable number (say, D) of parts of more or less equal population – the parts being called 'hamlet-groups' in the rural sector and 'sub-blocks' in the urban sector. D was determined as the table below shows.

approx. present population of the sample FSU	no. of hamlet-groups/ sub-blocks formed
less than 1200	1*
1200 to 1799	3
1800 to 2399	4
2400 to 2999	5
3000 to 3599	6
...and so on	

*no hamlet-groups/sub-blocks formed

3.10.2 For rural areas of Himachal Pradesh, Sikkim, Uttarakhand (except for 4 districts: Dehradun (P), Nainital (P), Hardwar and Udham Singh Nagar), Poonch, Rajouri, Udhampur, Doda, Leh (Ladakh), Kargil districts of Jammu and Kashmir, and Idukki district of Kerala, the number of hamlet-groups formed was as follows:

approx. present population of the sample FSU	no. of hamlet-groups/ sub-blocks formed
less than 600	1*
600 to 899	3
900 to 1199	4
1200 to 1499	5
...and so on	

*no hamlet-groups/sub-blocks formed

3.10.3 **Selection of hamlet-groups/ sub-blocks to form the frame for sampling of households:** Once a large FSU had been divided into the required number of sub-FSUs (hamlet-groups or sub-blocks), two of these sub-FSUs were selected in the following manner – the one with the largest population was purposively selected, and another was randomly selected from the remaining sub-FSUs by Simple Random Sampling (SRS). Listing and selection of the households was done independently in the two selected sub-FSUs.

3.11 **Formation of second-stage strata and allocation of households**

3.11.1 In each selected village, some households were identified as affluent on the basis of a number of criteria such as possession of certain durables or assets. If there were more than 10 such

households, the 10 most affluent of these were identified as the 'relatively affluent households' of the village.

3.11.2 For urban areas, two cut-off points 'A' and 'B' (in Rs.) were determined for each NSS state-region in such a way that the top 10% of the population had MPCE more than 'B' and bottom 30% of the population had MPCE less than 'A' in 2009-10, as estimated by the NSS 66th round survey.

3.11.3 Households listed in the selected FSU/sub-FSU were stratified into three second-stage strata (SSS). Composition of the SSS and number of households planned to be surveyed from different SSS were as follows:

SSS	composition of SSS	number of households surveyed for Sch.1.0, Type 1/ Type 2	
		FSU without hg/sb formation	FSU with hg/sb formation (for each hg/sb)
	Rural		
SSS 1:	relatively affluent households	2	1
SSS 2:	of the remaining, households having principal earning from non- agricultural activity	4	2
SSS 3:	other households	2	1
	Urban		
SSS 1:	households having MPCE of top 10% of urban population (MPCE > B)	2	1
SSS 2:	households having MPCE of middle 60% of urban population (A ≤ MPCE ≤ B)	4	2
SSS 3:	households having MPCE of bottom 30% of urban population (MPCE < A)	2	1

3.12 **Selection of households:** From each SSS, the sample households were selected by Simple Random Sampling Without Replacement.

4. **Estimation Procedure**

4.1 **Notations**

s = subscript for stratum
t = subscript for sub-stratum
m = subscript for sub-sample (m =1, 2)
i = subscript for FSU [village (*panchayat* ward)/ block]
d = subscript for hamlet-group/ sub-block (d = 1, 2)
j = subscript for second-stage stratum in an FSU/ sub-FSU [j = 1, 2 or 3]
k = subscript for sample household in a particular second-stage stratum within an FSU/ sub-FSU
D = total number of sub-FSUs (hg's/ sb's) formed in the sample FSU
D* = (D – 1) for FSUs with D ≥ 1
N = total number of FSUs in an urban sub-stratum
Z = total size of a rural sub-stratum (= sum of sizes of all the FSUs of the sub-stratum)
z = size of sample village used for selection
n = number of sample FSUs surveyed including 'zero cases' but excluding casualties for a particular sub-sample and sub-stratum
H = total number of households listed in a second-stage stratum of an FSU/ sub-FSU
h = number of households surveyed in a second-stage stratum of an FSU/ sub-FSU
x, y = observed value of characteristics *x*, *y* under estimation
$\hat{X}$, $\hat{Y}$ = estimate of population total X, Y for the characteristics *x*, *y*

In terms of the above symbols,

$y_{stmidjk}$ = observed value of the characteristic y for the k-th household in the j-th second stage stratum of the d-th hg/ sb (d = 1, 2) of the i-th FSU belonging to the m-th sub-sample for the t-th sub-stratum of s-th stratum.

However, for ease of understanding, a few symbols have been suppressed in the following paragraphs when they are obvious.

4.2 **Formulae for estimation of aggregates for a particular sub-sample and stratum × sub-stratum**

4.2.1 **Rural**

(i) For j-th second stage stratum of a stratum × sub-stratum:

$$\hat{Y}_j = \frac{Z}{n_j}\sum_{i=1}^{n_j}\frac{1}{z_i}\left[\frac{H_{i1j}}{h_{i1j}}\sum_{k=1}^{h_{i1j}} y_{i1jk} + D_i^* \times \frac{H_{i2j}}{h_{i2j}}\sum_{k=1}^{h_{i2j}} y_{i2jk}\right]$$

(ii) For all second-stage strata combined:

$$\hat{Y} = \sum_j \hat{Y}_j$$

(iii) Estimate for a stratum ($\hat{Y}_s$) is obtained by adding sub-stratum level estimates ($\hat{Y}_{st}$).

4.2.2 **Urban**

(i) For j-th second stage stratum of a stratum × sub-stratum:

$$\hat{Y}_j = \frac{N}{n_j}\sum_{i=1}^{n_j}\left[\frac{H_{i1j}}{h_{i1j}}\sum_{k=1}^{h_{i1j}} y_{i1jk} + D_i^* \times \frac{H_{i2j}}{h_{i2j}}\sum_{k=1}^{h_{i2j}} y_{i2jk}\right]$$

(ii) For all second-stage strata combined:

$$\hat{Y} = \sum_j \hat{Y}_j$$

(iii) Estimate for a stratum ($\hat{Y}_s$) is obtained by adding sub-stratum level estimates ($\hat{Y}_{st}$).

4.3 **Overall estimate for aggregates**

Overall estimate for aggregates for a stratum ($\hat{Y}_s$) based on two sub-samples is obtained as:

$$\hat{Y}_s = \frac{1}{2}\sum_{m=1}^{2}\hat{Y}_{sm}$$

4.4 **Overall estimate of aggregates at State/UT/all-India level**:

The overall estimate $\hat{Y}$ at the State/ UT/ all-India level is obtained by summing the stratum estimates $\hat{Y}_s$ over all strata belonging to the State/ UT/ all-India.

4.5 **Estimates of Ratios**

Let $\hat{Y}$ and $\hat{X}$ be the overall estimates of the aggregates Y and X for two characteristics *y* and *x* respectively at the State/ UT/ all-India level.

Then the combined ratio estimate ($\hat{R}$) of the ratio ($R = \frac{Y}{X}$) is obtained as $\hat{R} = \frac{\hat{Y}}{\hat{X}}$.

4.6 **Estimates of Error**

The estimated variances of the above estimates are as follows:

4.6.1 **For aggregate $\hat{Y}$:**

$\hat{Var}(\hat{Y}) = \sum_s \hat{Var}(\hat{Y}_s)$ where $\hat{Var}(\hat{Y}_s)$ is given by

$\hat{Var}\left(\hat{Y}_s\right) = \sum_t \frac{1}{4}\left(\hat{Y}_{st1} - \hat{Y}_{st2}\right)^2$, where $\hat{Y}_{st1}$ and $\hat{Y}_{st2}$ are the estimates for sub-sample 1 and sub-sample 2 respectively for stratum 's' and sub-stratum 't'.

4.6.2 **For ratio $\hat{R}$:**

$$\hat{MSE}(\hat{R}) = \frac{1}{4\hat{X}^2}\sum_s\sum_t\left[\left(\hat{Y}_{st1} - \hat{Y}_{st2}\right)^2 + \hat{R}^2\left(\hat{X}_{st1} - \hat{X}_{st2}\right)^2 - 2\hat{R}\left(\hat{Y}_{st1} - \hat{Y}_{st2}\right)\left(\hat{X}_{st1} - \hat{X}_{st2}\right)\right]$$

4.6.3 **Estimates of Relative Standard Error (RSE)**:

$$\hat{RSE}\left(\hat{Y}\right) = \frac{\sqrt{\hat{Var}\left(\hat{Y}\right)}}{\hat{Y}} \times 100$$

$$\hat{RSE}\left(\hat{R}\right) = \frac{\sqrt{\hat{MSE}\left(\hat{R}\right)}}{\hat{R}} \times 100$$

5. **Multipliers**

The formulae for multipliers at stratum/ sub-stratum/ second-stage stratum level for a sub-sample and schedule type are given below:

sector	multiplier	
	hg/sb 1	hg/sb 2
Urban	$\frac{N_s}{n_{sm}}$	$\frac{N_s}{n_{sm}} D^*_{smi}$
rural	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{z_{stmi}} \times \frac{H_{stmi1j}}{h_{stmi1j}}$	$\frac{Z_{st}}{n_{stmj}} \times \frac{1}{z_{stmi}} \times D^*_{stmi} \times \frac{H_{stmi2j}}{h_{stmi2j}}$
Urban	$\frac{N_s}{n_{smj}} \times \frac{H_{smi1j}}{h_{smi1j}}$	$\frac{N_s}{n_{smj}} \times D^*_{smi} \times \frac{H_{smi2j}}{h_{smi2j}}$

(j = 1, 2, 3)

Note:

(i) For estimating any characteristic for any domain not specifically considered in sample design, indicator variable is used.

(ii) Multipliers are computed on the basis of information available in the listing schedule irrespective of any misclassification observed between the listing schedule and detailed enquiry schedule.

(iii) For estimating number of villages possessing a characteristic, D^{*}_{stmi} = 0 in the relevant multipliers and there is only one multiplier for the village.

Appendix C

Schedule 1.0 - Type 2

RURAL		*
URBAN		

CENTRAL		*
STATE		

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY OFFICE
SOCIO-ECONOMIC SURVEY
SIXTY-EIGHTH ROUND: JULY 2011 - JUNE 2012

SCHEDULE 1.0: CONSUMER EXPENDITURE
Schedule Type 2

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. ward/inv. unit/block:
3. tehsil/town:	7. name of head of household:
4. village name:	8. name of informant:

[1] identification of sample household

item no.	item	code	item no.	item	code
1.	srl. no. of sample village/ block		11.	sub-sample	
2.	round number	6 8	12.	FOD sub-region	
3.	schedule number	0 1 0	13.	sample hamlet-group/sub-block number	
4.	sample (central-1, state-2)		14.	second stage stratum	
5.	sector (rural-1, urban-2)		15.	sample household number	
6.	NSS region		16.	srl. no. of informant (as in col.1, block 4)	
7.	district		17.	response code	
8.	stratum		18.	survey code	
9.	sub-stratum		19.	reason for substitution of original household (code)	
10.	sub-round		20.	schedule type	2

CODES FOR BLOCK 1

item 17: ***response code*** *: informant: co-operative and capable -1, co-operative but not capable -2, busy -3, reluctant - 4, others - 9*

item 18: ***survey code*** *: original – 1, substitute – 2, casualty – 3*

item 19: ***reason for substitution of original household*** *: informant busy -1, members away from home -2, informant non-cooperative -3, others - 9*

** tick mark (✓) may be put in the appropriate place.*

[2] particulars of field operations				
srl. no.	item		investigator /Asstt. Superintending Officer	supervisory officer
(1)	(2)		(3)	(4)
1.	i) name (block letters)			
	ii) code			
2.	**date(s) of** :		DD MM YY	DD MM YY
	(i) survey/inspection			
	(ii) receipt			
	(iii) scrutiny			
	(iv) despatch			
3.	number of additional sheets attached			
4.	total time taken to canvass schedule 1.0 (in minutes)			
5.	whether schedule contains remarks (*yes-1, no-2*)	(i) in block 14/15		
		(ii) elsewhere in the schedule		
6.	signature			

[3] household characteristics														
1. household size								**during July 2010 to June 2011**	14. land cultivated (0.000 ha)					
2. **principal industry (NIC-2008)**	description:								15. land irrigated (0.000 ha)					
	code (5-digit)													
3. **principal occupation (NCO-2004)**	description:							**primary source of energy for**	16. cooking (code)					
	code (3-digit)								17. lighting (code)					
4. household type (code)								18. dwelling unit code (*owned-1, hired-2, no dwelling unit-3, others-9*)						
5. religion (code)														
6. social group (code)								19. is any member of the household a regular salary earner? (*yes-1, no -2*)						
7. whether owns any land *(yes-1, no -2)*														
8. **if yes in item 7**, type of land owned *(homestead only – 1, homestead and other land – 2, other land only – 3)*								20. did the household perform any ceremony during the last 30 days? (*yes – 1, no – 2*)						
land as on the date of survey (in 0.000 hectares)								21. no. of meals served to non-household members during the last 30 days						
9. owned														
10. leased-in								22. does the household possess ration card? (*yes-1, no -2*)						
11. otherwise possessed (neither owned nor leased-in)														
								23. **if yes in item 22**, type of ration card (code)						
12. leased-out								24. **monthly per capita expenditure** (Rs. 0.00) [item 43, bl. 12]						
13. total possessed [items (9+10+11-12)]														

CODES FOR BLOCK 3

item 4: ***household type*** *: for rural areas: self-employed in: agriculture -1, non-agriculture - 2; regular wage/salary earning - 3, casual labour in: agriculture - 4, non-agriculture -5; others-9*
for urban areas: self-employed-1, regular wage/salary earning-2, casual labour-3, others-9

item 5: ***religion*** *: Hinduism-1, Islam-2, Christianity -3, Sikhism-4, Jainism-5, Buddhism-6, Zoroastrianism-7, others-9*

item 6: ***social group*** *: Scheduled Tribes-1, Scheduled Castes-2, Other Backward Classes-3, others-9*

item 16: ***primary source of energy for cooking*** *: coke, coal-01, firewood and chips-02, LPG-03, gobar gas-04, dung cake-05, charcoal-06, kerosene-07, electricity-08, others-09, no cooking arrangement-10*

item 17: ***primary source of energy for lighting*** *: kerosene-1, other oil -2, gas-3, candle-4, electricity-5, others-9, no lighting arrangement-6*

item 23: ***ration card type****: Antyodaya -1, BPL – 2, others - 3*

Note: 1 acre = 0.4047 hectare

[4] demographic and other particulars of household members

srl. no.	name of member	relation to head (code)	sex *(male-1, female-2)*	age (years)	marital status (code)	general educational level (code)	no. of days stayed away from home during last 30 days	no. of meals usually taken in a day	no. of meals taken during last 30 days				
									away from home				at home
									free of cost			on payment	
									from school, balwadi, etc.	from employer as perquisites or part of wage	others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)

CODES FOR BLOCK 4

Col. (3) : ***relation to head:*** *self-1, spouse of head-2, married child-3, spouse of married child-4, unmarried child-5, grandchild-6, father/mother/father-in-law/mother-in-law-7, brother/sister/brother-in-law/sister-in-law/other relatives-8, servants/employees/other non-relatives-9*

Col.(6) : ***marital status:*** *never married – 1, currently married – 2, widowed – 3, divorced/separated – 4*

Col. (7): ***general educational level:*** *not literate -01,*

literate without formal schooling: *through EGS/NFEC/AEC - 02, through TLC -03, others- 04;*

literate with formal schooling: *below primary -05, primary -06, middle -07, secondary -08, higher secondary -10, diploma/certificate course -11, graduate -12, postgraduate and above -13*

[5.1] consumption of cereals, pulses, milk and milk products, sugar and salt during the last *30* days ended on .....

item	code	consumption out of home produce		total consumption		source code
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
rice – PDS	101					1
rice – other sources	102					
chira	103					
khoi, lawa	104					
muri	105					*
other rice products	106					*
wheat/ atta – PDS	107					1
wheat/ atta – other sources	108					
maida	110					
suji, rawa	111					*
sewai, noodles	112					*
bread (bakery)	113					*
other wheat products	114					*
jowar & its products	115					
bajra & its products	116					
maize & products	117					
barley & its products	118					
small millets & their products	120					
ragi & its products	121					
other cereals	122					
cereal: sub-total (101-122)	**129**					
cereal substitutes: tapioca, etc.	**139**					
arhar, tur	140					
gram: split	141					
gram: whole	142					
moong	143					
masur	144					
urd	145					
peas	146					
khesari	147					
other pulses	148					
gram products	150					
besan	151					
other pulse products	152					
pulses & pulse products: s.t. (140-152)	**159**					

@Unit is kg unless otherwise specified in col.(1).

[$] ***Source code****: only purchase –1, only home-grown stock –2, both purchase and home-grown stock –3, only free collection –4, only exchange of goods and services –5, only gifts / charities – 6, others –9*

*Source code cannot be 2, 3 or 4 for these items. For home-processed items such as *muri*, consumption should be recorded against ingredients (e.g. home-produced *muri:* record against rice).

[5.1] consumption of cereals, pulses, milk and milk products, sugar and salt during the last *30* days ended on .....

item	code	consumption out of home produce		total consumption		source code
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
milk: liquid (litre)	160					
baby food	161					*
milk: condensed/ powder	162					*
curd	163					*
ghee	164					*
butter	165					*
ice-cream	166					*
other milk products	167					*
milk & milk products: s.t.(160-167)	**169**					
salt	170					
sugar - PDS	171					1
sugar - other sources	172					*
gur	173					
candy, misri	174					*
honey	175					
salt & sugar: s.t. (170-175)	**179**					

@Unit is kg unless otherwise specified in col.(1).

*[$]**Source code**: only purchase –1, only home-grown stock –2, both purchase and home-grown stock –3, only free collection –4, only exchange of goods and services –5, only gifts / charities – 6, others –9*

*Source code cannot be 2, 3 or 4 for these items. For home-processed items consumption should be recorded against ingredients.

F2+ items: Ref. Period last 7 days

[5.2] consumption of edible oil, egg, fish and meat, vegetables, fruits, spices, beverages and processed food and pan, tobacco and intoxicants during the last 7 days ended on ….....

item	code	consumption out of home produce		total consumption		source[$]
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
vanaspati, margarine	180					*
mustard oil	181					
groundnut oil	182					
coconut oil	183					
refined oil [sunflower, soyabean, saffola, etc.]	184					
edible oil: others	185					
edible oil: s.t. (180-185)	**189**					
eggs (no.)	190					
fish, prawn	191					
goat meat/mutton	192					
beef/ buffalo meat	193					
pork	194					
chicken	195					
others: birds, crab, oyster, tortoise, etc.	196					
egg, fish & meat: s.t. (190-196)	**199**					
potato	200					
onion	201					
tomato	202					
brinjal	203					
radish	204					
carrot	205					
palak/other leafy vegetables	206					
green chillies	207					
lady's finger	208					
parwal/patal, kundru	210					
cauliflower	211					
cabbage	212					
gourd, pumpkin	213					
peas	214					
beans, barbati	215					
lemon (no.)	216					
other vegetables	217					
vegetables: s.t. (200-217)	**219**					

@Unit is kg unless otherwise specified in col(1).

[$]Source code*: only purchase –1, only home-grown stock –2, both purchase and home-grown stock –3, only free collection –4, only exchange of goods and services –5, only gifts / charities – 6, others –9*

*Source code cannot be 2, 3 or 4 for these items. For home-processed items consumption should be recorded against ingredients.

[5.2] consumption of edible oil, egg, fish and meat, vegetables, fruits, spices, beverages and processed food and pan, tobacco and intoxicants during the last 7 days ended on ….....

item	code	consumption out of home produce		total consumption		source[$]
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
banana (no.)	220					
jackfruit	221					
watermelon	222					
pineapple (no.)	223					
coconut (no.)	224					
green coconut (no.)	225					
guava	226					
singara	227					
orange, mausami (no.)	228					
papaya	230					
mango	231					
kharbooza	232					
pears/nashpati	233					
berries	234					
leechi	235					
apple	236					
grapes	237					
other fresh fruits	238					
fruits (fresh): s.t. (220-238)	**239**					
coconut: copra	240					
groundnut	241					
dates	242					
cashewnut	243					
walnut	244					
other nuts	245					
raisin, kishmish, monacca, etc.	246					
other dry fruits	247					
fruits (dry): s.t. (240-247)	**249**					
ginger (gm)	250					
garlic (gm)	251					
jeera (gm)	252					
dhania (gm)	253					
turmeric (gm)	254					
black pepper (gm)	255					
dry chillies (gm)	256					
tamarind (gm)	257					
curry powder (gm)	258					
oilseeds (gm)	260					
other spices (gm)	261					
spices: s.t. (250-261)	**269**					

@Unit is kg unless otherwise specified in col.(1).

[$]***Source code****: only purchase –1, only home-grown stock –2, both purchase and home-grown stock –3, only free collection –4, only exchange*

[5.2] consumption of edible oil, egg, fish and meat, vegetables, fruits, spices, beverages and processed food and pan, tobacco and intoxicants during the last 7 days ended on ….....

item	code	consumption out of home produce		total consumption		source[$]
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
of goods and services –5, only gifts / charities – 6, others –9						
tea: cups (no.)	270					
tea: leaf (gm)	271					
coffee: cups (no.)	272					
coffee: powder (gm)	273					
mineral water (litre)	274					
cold beverages: bottled/canned (litre)	275					*
fruit juice and shake (litre)	276					*
other beverages: cocoa, chocolate, etc.	277					*
beverages: sub-total (270-277)	**279**					
cooked meals purchased (no.)	280					
cooked meals received free in workplace[κ] (no.)	281					
cooked meals received as assistance[κ] (no.)	282					
cooked snacks purchased [samosa, puri, paratha, burger, chowmein, idli, dosa, vada, chops, pakoras, pao bhaji, etc.]	283					*
other served processed food**	284					*
served processed food: sub-total (280-284)	**289**					
prepared sweets, cake, pastry	290					*
biscuits, chocolates, etc.	291					*
papad, bhujia, namkeen, mixture, chanachur	292					*
chips (gm)	293					*
pickles (gm)	294					*
sauce, jam, jelly (gm)	295					*
other packaged processed food	296					*
packaged processed food: sub-total (290-296)	**299**					
pan: leaf (no.)	300					
pan: finished (no.)	301					*
ingredients for pan (gm)	302					
pan: s.t. (300-302)	**309**					

@Unit is kg unless otherwise specified in col(1).

[$]Source code*: only purchase –1, only home-grown stock –2, both purchase and home-grown stock –3, only free collection –4, only exchange of goods and services –5, only gifts / charities – 6, others –9*

*Source code cannot be 2, 3 or 4 for these items. For home-processed items consumption should be recorded against ingredients.

κ Do not include cooked meals received from other households.

**** includes *chaat, golgappa (phuchka), bhel puri,* etc.**

[5.2] consumption of edible oil, egg, fish and meat, vegetables, fruits, spices, beverages and processed food and pan, tobacco and intoxicants during the last *7* days ended on ….....

item	code	consumption out of home produce		total consumption		source[$]
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
bidi (no.)	310					
cigarettes (no.)	311					
leaf tobacco (gm)	312					
snuff (gm)	313					
hookah tobacco (gm)	314					
cheroot (no.)	315					
zarda, kimam, surti (gm)	316					
other tobacco products	317					
tobacco: s.t. (310-317)	**319**					
ganja (gm)	320					
toddy (litre)	321					*
country liquor (litre)	322					*
beer (litre)	323					*
foreign/refined liquor or wine (litre)	324					*
other intoxicants	325					
intoxicants: s.t. (320-325)	**329**					

[6] consumption of energy (fuel, light and household appliances) during the last *30* days ended on ….....

item	code	consumption out of home produce		total consumption		source[$]
		quantity@ (0.000)	value (Rs.)	quantity@ (0.000)	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
coke	330					
firewood and chips	331					*
electricity (std. unit)	332					
dung cake	333					
kerosene – PDS (litre)	334					1
kerosene – other sources (litre)	335					*
matches (box)	336					*
coal	337					
LPG [excl. conveyance]	338					*
charcoal	340					
candle (no.)	341					
gobar gas	342					
petrol (litre) [excl. conveyance]	343					*
diesel (litre) [excl. conveyance]	344					*
other fuel	345					
fuel and light: s.t. (330-345)	**349**					

@Unit is kg unless otherwise specified in col(1).

[$]***Source code****: only purchase –1, only home-grown stock –2, both purchase and home-grown stock –3, only free collection –4, only exchange of goods and services –5, only gifts / charities – 6, others –9.*

*Source code cannot be 2, 3 or 4 for these items.

[7] consumption of clothing, bedding, etc. during the last *365 days* ended on ….....……			
Item	code	quantity (0.000)	value (Rs.)
(1)	(2)	(3)	(4)
clothing: first-hand			
dhoti (no.)	350		
saree (no.)	351		
cloth for shirt, pyjama, kurta, salwar, etc. (metre)	352		
cloth for coat, trousers, suit, etc. (metre)	353		
coat, jacket, sweater, windcheater (no.)	354		
shawl, chaddar (no.)	355		
school/college uniform: boys	356		
school/college uniform: girls	357		
kurta-pajama suits: males (no.)	358		
kurta-pajama suits: females (no.)	360		
kurta, kameez (no.)	361		
pajamas, salwar (no.)	362		
shirts, T-shirts (no.)	363		
shorts, trousers, bermudas (no.)	364		
frocks, skirts, etc. (no.)	365		
blouse, dupatta, scarf, muffler (no.)	366		
lungi (no.)	367		
other casual wear*	368		
baniyan, socks, other hosiery and undergarments, etc.(no.)	370		
gamchha, towel, handkerchief (no.)	371		
infant clothing	372		
headwear, belts, ties (no.)	373		
knitting wool (gm)	374		
clothing (first-hand): other	375		
clothing: second-hand	376		
clothing: sub-total (350-376)	**379**		
bed sheet, bed cover (no.)	380		
rug, blanket (no.)	381		
pillow, quilt, mattress (no.)	382		
cloth for upholstery, curtains, tablecloth, etc. (metre)	383		
mosquito net (no.)	384		
bedding: others	385		
bedding, etc.: s.t. (380-385)	**389**		

* incl. maxis, nightdresses

[8] consumption of footwear during the last *365 days* ended on ….....

item	code	no. of pairs	value (Rs.)
(1)	(2)	(3)	(4)
leather boots, shoes	390		
leather sandals, chappals, etc.	391		
other leather footwear	392		
rubber / PVC footwear	393		
other footwear	394		
footwear: second-hand	395		
footwear: sub-total (390-395)	**399**		

[9] expenditure on education and medical (institutional) goods and services during *the last 365 days* ended on…….

item	code	value (Rs.)
(1)	(2)	(3)
books, journals: first hand	400	
books, journals, etc.: second hand	401	
newspapers, periodicals	402	
library charges	403	
stationery, photocopying charges	404	
tuition and other fees (school, college, etc.)	405	
private tutor/ coaching centre	406	
educational CD	407	
other educational expenses (incl. fees for enrollment in web-based training)	408	
education: s.t. (400-408)	**409**	
medicine	410	
X-ray, ECG, pathological test, etc.	411	
doctor's/surgeon's fee	412	
hospital & nursing home charges	413	
other medical expenses	414	
medical - institutional: s.t. (410-414)	**419**	

[10] expenditure on miscellaneous goods and services including medical (non-institutional), rents and taxes during the last *30 days* ended on ….....

Item	code	value (Rs.)	item	code	value (Rs.)
(1)	(2)	(3)	(1)	(2)	(3)
medicine	420		toilet soap	450	
X-ray, ECG, pathological test, etc.	421		toothpaste, toothbrush, comb, etc.	451	
doctor's/ surgeon's fee	422		powder, snow, cream, lotion and perfume	452	
family planning devices	423				
other medical expenses	424		hair oil, shampoo, hair cream	453	
medical – non-institutional: sub-total (420-424)	**429**		shaving blades, shaving stick, razor	454	
			shaving cream, aftershave lotion	455	
			sanitary napkins	456	
cinema, theatre	430		other toilet articles	457	
mela, fair, picnic	431		**toilet articles: sub-total (450-457)**	**459**	
sports goods, toys, etc.	432				
club fees	433		electric bulb, tubelight	460	
goods for recreation and hobbies	434		electric batteries	461	
photography	435		other non-durable electric goods	462	
VCD/ DVD hire (incl. instrument)	436		earthenware	463	
cable TV	437		glassware	464	
other entertainment	438		bucket, water bottle/ feeding bottle & other plastic goods	465	
entertainment: sub-total (430-438)	**439**				
			coir, rope, etc.	466	
spectacles	440		washing soap/soda/powder	467	
torch	441		other washing requisites	468	
lock	442		incense (*agarbatti*), room freshener	470	
umbrella, raincoat	443		flower (fresh): all purposes	471	
lighter (bidi/ cigarette/ gas stove)	444		mosquito repellent, insecticide, acid etc.	472	
other minor durable-type goods	445				
minor durable-type goods: sub-total (440-445)	**449**		other petty articles	473	
			other household consumables: sub-total (460-473)	**479**	

[10] expenditure on miscellaneous goods and services including medical (non-institutional), rents and taxes during the last *30 days* ended on ….....					
Item	code	value (Rs.)	item	code	value (Rs.)
(1)	(2)	(3)	(1)	(2)	(3)
domestic servant/cook	480		air fare	500	
attendant	481		railway fare	501	
sweeper	482		bus/tram fare	502	
barber, beautician, etc.	483		taxi, auto-rickshaw fare	503	
washerman, laundry, ironing	484		steamer, boat fare	504	
tailor	485		rickshaw (hand drawn & cycle) fare	505	
grinding charges	486		horse cart fare	506	
telephone charges: landline*	487		porter charges	507	
telephone charges: mobile	488		petrol for vehicle	508	
postage & telegram	490		diesel for vehicle	510	
miscellaneous expenses	491		lubricants & other fuels for vehicle	511	
priest	492		school bus, van, etc.	512	
legal expenses	493		other conveyance expenses	513	
repair charges for non-durables	494		**conveyance: sub-total (500-513)**	**519**	
pet animals (incl. birds, fish)	495				
internet expenses	496		house rent, garage rent (actual)	520*	
other consumer services excluding conveyance	497		hotel lodging charges	521	
			residential land rent	522*	
consumer services excluding conveyance: sub-total (480-497)	**499**		other consumer rent	523	
			rent: sub-total (520-523)	**529**	
			house rent, garage rent (imputed-urban only)	**539**	
			water charges	540*	
			other consumer taxes & cesses	541*	
			consumer taxes and cesses: sub-total (540-541)	**549**	

**The value may be derived as the amount last paid divided by the number of months for which amount was paid.*

[11] expenditure for purchase and construction (including repair and maintenance) of durable goods for domestic use during the last 365 *days* ended on …….....

item		whether possessed on the date of survey *(yes-1, no-2)*	first-hand purchase			cost of raw materials and services for construction and repair (Rs.)	second-hand purchase		total expenditure (Rs.) [(6)+(7)+(9)]
description	code		no. purchased	whether hire purchased *(yes-1, no-2)*	value (Rs.)		no. purchased	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
bedstead	550								
almirah, dressing table	551								
chair, stool, bench, table	552								
suitcase, trunk, box, handbag and other travel goods	553								
foam, rubber cushion	554								
carpet, *daree* & other floor mattings	555								
paintings, drawings, engravings, etc.	556								
other furniture & fixtures (couch, sofa, etc.)	557								
furniture & fixtures: sub-total (550-557)	**559**								
radio, tape recorder, 2-in-1	560								
television	561								
VCR/VCD/DVD player	562								
camera & photographic equipment	563								
CD, DVD, audio/video cassette, etc	564								
musical instruments	565								
other goods for recreation	566								
goods for recreation: sub-total (560-566)	**569**								

[11] expenditure for purchase and construction (including repair and maintenance) of durable goods for domestic use during the last 365 *days* ended on …….....

item		whether possessed on the date of survey *(yes-1, no-2)*	first-hand purchase			cost of raw materials and services for construction and repair (Rs.)	second-hand purchase		total expenditure (Rs.) [(6)+(7)+(9)]
description	code		no. purchased	whether hire purchased *(yes-1, no-2)*	value (Rs.)		no. purchased	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
stainless steel utensils	570								
other metal utensils	571								
casseroles, thermos, thermoware	572								
other crockery & utensils	573								
crockery & utensils: sub-total (570-573)	**579**								
electric fan	580								
air conditioner, air cooler	581								
inverter	582								
lantern, lamp, electric lampshade	583								
sewing machine	584								
washing machine	585								
stove, gas burner	586								
pressure cooker/ pressure pan	587								
refrigerator	588								
water purifier	590								
electric iron, heater, toaster, oven & other electric heating appliances	591								
other cooking/ household appliances	592								
cooking & other household appliances: sub-total (580-592)	**599**								
bicycle	600								
motor cycle, scooter	601								
motor car, jeep	602								
tyres & tubes	603								
other transport equipment	604								
personal transport equipment: sub-total (600-604)	**609**								

[11] expenditure for purchase and construction (including repair and maintenance) of durable goods for domestic use during the last 365 *days* ended on ….....

item		whether possessed on the date of survey *(yes-1, no-2)*	first-hand purchase			cost of raw materials and services for construction and repair (Rs.)	second-hand purchase		total expenditure (Rs.) [(6)+(7)+(9)]
description	code		no. purchased	whether hire purchased *(yes-1, no-2)*	value (Rs.)		no. purchased	value (Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
contact lenses, hearing aids & orthopaedic equipment	610								
other medical equipment	611								
therapeutic appliances: sub-total (610-611)	**619**								
clock, watch	620								
other machines for household work	621								
PC/ Laptop/ other peripherals incl. software	622								
mobile handset	623								
telephone instrument (landline)	624								
any other personal goods	625								
other personal goods: sub-total (620-625)	**629**								
bathroom and sanitary equipment	630								
plugs, switches & other electrical fittings	631								
residential building & land (cost of repairs only)	632								
other durables (specify)….....	633								
residential building, land and other durables: sub-total (630-633)	**639**								
gold ornaments	640								
silver ornaments	641								
jewels, pearls	642								
other ornaments	643								
jewellery & ornaments: sub-total (640-643)	**649**								
durable goods: total (559+569+579+599+609+619+629+639+649)	**659**								

[12] summary of consumer expenditure					
srl. no.	item description	reference			value of consumption (in Rs)
		block	item	column	**during last 30 days**
(1)	(2)	(3)	(4)	(5)	(6)
1.	cereals	5.1	129	6	
2.	cereal substitute	5.1	139	6	
3.	pulses & products	5.1	159	6	
4.	milk & milk products	5.1	169	6	
5.	salt & sugar	5.1	179	6	
6.	**sub-total (1-5)**				
					during last 7 days
7.	edible oil	5.2	189	6	
8.	egg, fish & meat	5.2	199	6	
9.	vegetables	5.2	219	6	
10.	fruits (fresh)	5.2	239	6	
11.	fruits (dry)	5.2	249	6	
12.	spices	5.2	269	6	
13.	beverages	5.2	279	6	
14.	served processed food	5.2	289	6	
15.	packaged processed food	5.2	299	6	
16.	pan	5.2	309	6	
17.	tobacco	5.2	319	6	
18.	intoxicants	5.2	329	6	
19.	**sub-total (7-18)**				
20.	(30÷7) × srl. no. 19				
					during last 30 days
21.	fuel and light	6	349	6	
22.	medical (non-institutional)	10	429	3	
23.	entertainment	10	439	3	
24.	minor durable-type goods	10	449	3	
25.	toilet articles	10	459	3	
26.	other household consumables	10	479	3	
27.	consumer services excl. conveyance	10	499	3	
28.	conveyance	10	519	3	
29.	rent	10	529	3	
30.	consumer taxes & cesses	10	549	3	
31.	**sub-total (21 – 30)**				
					during last 365 days
32.	clothing	7	379	4	
33.	bedding etc.	7	389	4	
34.	footwear	8	399	4	
35.	education	9	409	3	
36.	medical (institutional)	9	419	3	
37.	durable goods	11	659	10	
38.	**s.t. for 365 days' data (32-37)**				
39.	(30÷365) × srl. no. 38				
40.	**srl. nos.(6 + 20 + 31 + 39) [monthly household consumption expenditure]**				
41.	**household size**	**3**	**1**	×	
42.	imputed rent	10	539	3	
43.	monthly per capita expenditure (Rs. 0.00) [srl. no. 40 ÷ srl. no. 41]				

<table>
<tr><td colspan="6">[13] information on Ayurveda, Yoga, Naturopathy, Unani, Siddha, Homoeopathy (AYUSH)</td></tr>
<tr><td colspan="5">1. Whether any member of the household used ayurveda, yoga, naturopathy, unani, siddha , homoeopathy (AYUSH) system in last 30 days at all (yes-1 no-2)</td><td></td></tr>
<tr><td colspan="5">2. If no in item 1, give the most important reason (code)</td><td></td></tr>
<tr><td colspan="5">3. If yes in item 1, give most important reason for using AYUSH (code)</td><td></td></tr>
<tr><td colspan="6">4. If yes in item 1, what system(s) of medicines used</td></tr>
<tr><td rowspan="3">System(s) of medicines used</td><td>4.1</td><td colspan="3">Indian system of medicine (desi dawai - ayurveda, unani or siddha) (yes -1, no -2)</td><td></td></tr>
<tr><td>4.2</td><td colspan="3">Homoeopathy (yes -1, no -2)</td><td></td></tr>
<tr><td>4.3</td><td colspan="3">Yoga & Naturopathy (yes - 1, no -2)</td><td></td></tr>
<tr><td colspan="5">5. If yes in item 4.1, from where did you usually get Indian system of medicines? (code)</td><td></td></tr>
<tr><td colspan="5">6. If yes in item 4.2, from where did you usually get Homeopathic medicines? (code)</td><td></td></tr>
<tr><td rowspan="4">if yes in item 1</td><td colspan="4">7. How often do you visit AYUSH Hospital/ Dispensary/ AYUSH health centre/ Primary Health Centre (PHC)/ Community Health Centre (CHC) for AYUSH treatment? (code)</td><td></td></tr>
<tr><td rowspan="3">if response in item 7 is ‘1’, ‘2’ or ‘3’, then</td><td colspan="3">8. How often during your visits did you find Doctors/ Vaidya/ Hakim/ Siddh Vaidya/ Homoeopaths / Yoga Trainers available in the AYUSH Hospital/Dispensary/Centres? (code)</td><td></td></tr>
<tr><td rowspan="2">9. What is your assessment about the AYUSH medicines from the hospital/Dispensary/PHC/ CHC?</td><td>9.1</td><td>on availability (code)</td><td></td></tr>
<tr><td>9.2</td><td>on effectiveness (code)</td><td></td></tr>
<tr><td colspan="6">10. If yes in item 1, who advised you to take</td></tr>
<tr><td>10.1</td><td colspan="4">Indian system of medicine (desi dawai - ayurveda, unani or siddha) (if entry=1 in item 4.1)</td><td></td></tr>
<tr><td>10.2</td><td colspan="4">Homoeopathy (if entry=1 in item 4.2)</td><td></td></tr>
<tr><td>10.3</td><td colspan="4">Yoga & Naturopathy (if entry=1 in item 4.3)</td><td></td></tr>
</table>

CODES FOR BLOCK 13

item 2: ***most important reason for not using AYUSH****: Need did not arise* ***-1****, Not aware about any system under AYUSH* ***-2****, Medicines/treatments are not effective* ***-3****, Hospital/dispensary/PHCs/CHCs are not available* ***-4****, Doctors/ Vaidya/ Hakim/ Siddh Vaidya/ Homoeopaths are not available* ***-5****, Medicines are not available* ***-6,*** *Any other reason* ***-9****.*

item 3: ***most important reason for using AYUSH system****: AYUSH medicines are effective* ***-1****, Side effects are negligible* ***-2****, AYUSH medicines are inexpensive* ***-3****, Well-known to local people, family members and friends etc.* ***-4,*** *Others* ***-9****.*

item 5: ***sources of getting Indian system of medicines****: Home-made: from home produce, free collection, etc.* ***-1****, Home-made: from purchased ingredients* ***-2****, Government Hospital/ Dispensary/ PHCs/ CHCs* ***-3****, Private hospital/Dispensary/Private practitioners (Doctors/ Vaidya/ Hakim/ Siddh Vaidya)* ***-4****, Local shops/ Medical stores/ Other sellers* ***-5****.*

item 6: ***sources of getting Homeopathic medicines****: Government hospital/dispensary/ PHCs/CHCs* ***-1****, Private hospital/Dispensary/Private practitioners (Doctors/ Homoeopaths)* ***-2****, Local shops/ Medical stores* ***-3****, Others* ***-9.***

item 7: once ***-1****, 2-3 times* ***-2****, > 3 times* ***-3****, nil* ***-4***

item 8: on every occasion ***-1****, on the majority of occasions* ***-2****, on a few occasions (not the majority)* ***-3,*** *never* ***-4.***

item 9.1: ***availability code****: on every occasion* ***-1****, on the majority of occasions* ***-2****, on a few occasions (not the majority)* ***-3,*** *never* ***-4.***

item 9.2: ***effectiveness code****: on every occasion* ***-1****, on the majority of occasions* ***-2****, on a few occasions (not the majority)* ***-3,*** *never* ***-4.***

item 10.1/10.2/10.3: ***who advised you to take AYUSH medicines:*** *on your own* ***-1****, Family members & relatives* ***-2,*** *Friends & neighbours* ***-3****, Private practitioners (Doctor/ Vaidya/ Hakim/ Homoeopath)* ***-4****, Doctors/ practitioners of Government hospital/ dispensary* ***-5****, Media (TV, radio, hoardings, newspapers & magazines)* ***-6****.*

[14] remarks by investigator

[15] comments by supervisory officer(s)

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3	403/1	State Level results on small trading units in India: Vol.-II	250	18	11	710	51	32
		Land & livestock holdings and Debt & investment, NSS 48th Round						
4	407	Operational land holdings in India, 1991-92: Salient features	250	18	11	710	51	32
5	408	Live-stock and Agricultural implements in House-hold operational holdings, 1991-92	150	11	7	380	27	17
6	414	Seasonal variation in the operation of land holdings in India, 1991-92	250	18	11	710	51	32
7	419	Household Assets and Liabilities as on 30.6.91	250	17	11	1140	75	46
8	420	Indebtedness of Rural Households as on 30.6.1991	250	15	9	1370	82	50
9	421	Indebtedness of Urban Households as on 30.6.1991	250	15	9	1370	82	50
10	431 (Part I)	Household Borrowings and Repayments during 1.7.91 to 30.6.92	250	15	9	1140	68	42
11	431 (Part-II)	Household Borrowings and Repayments during 1.7.91 to 30.6.92	250	15	9	1140	68	42
12	432 (Part-I)	Households Assets and Indebtedness of Social Groups as on 30.6.91	250	15	9	1140	68	42
13	432 (Part-II)	Households Assets and Indebtedness of Social Groups as on 30.6.91	250	15	9	710	43	26
14	437	Household capital expenditure during 1.7.91 to 30.6.92.	250	15	9	1370	82	50
		Housing Conditions and Migration with special emphasis on slum dwellers, NSS 49th round						
15	417	Slums in India	150	11	7	380	27	17
16	429	Housing Conditions in India	150	11	7	380	25	16
17	430	Migration in India	250	15	9	710	42	26
		Employment & Unemployment, NSS 50th Round						
18	406	Key Results on Employment & Unemployment	150	11	7	610	44	26
19	409	Employment & Unemployment in India, 1993-94	250	18	11	710	51	32
20	411	Employment & Unemployment situation in cities and Towns in India, 1993-94	150	11	7	380	27	17
21	412	Economic activities and school attendance by children in India, 1993-94	150	11	7	380	27	17
22	416	Participation of Indian women in household work and other specified activities, 1993-94	150	11	7	380	27	17
23	418	Unemployed in India, 1993-94: Salient Features	150	11	7	380	27	17
24	425	Employment & Unemployment situation among social groups in India, 1993-94	250	17	10	480	32	19
25	438	Employment & Unemployment situation among religious groups in India, 1993-94	150	10	7	610	37	23
		Consumer Expenditure, NSS 50th Round						
26	401	Key results on Household Consumer Expenditure, 1993-94	150	11	7	380	28	17
27	402	Level and Pattern of Consumer Expenditure	250	19	12	710	52	32
28	404	Consumption of some important commodities in India	250	18	11	710	51	32

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29	405	Nutritional intake in India	250	18	11	710	51	32
30	410/1	Dwellings in India	250	18	11	710	51	32
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37	426	Use of durable goods by Indian households, 1993-94	150	11	7	380	28	17
38	427	Consumption of tobacco in India, 1993-94	150	11	7	610	40	24
39	428	Wages in kind, Exchanges of Gifts and Expenditure on Ceremonies and Insurance in India, 1993-94	150	11	7	610	40	24
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41	434	Unorganised Manufacturing Enterprises in India: Salient Features	250	15	9	710	43	26
42	435	Assets and Borrowings of the Unorganised Manufacturing Enterprises in India	150	10	7	380	23	15
43	436	Household Consumer Expenditure and Employment Situation in India, 1994-95	150	10	7	610	36	23
		Education, NSS 52nd Round						
44	439	Attending an Educational Institution in India: Its level, nature and cost	250	15	9	1140	68	42
		Consumer Expenditure, NSS 52nd Round						
45	440	Household Consumer Expenditure and Employment Situation in India, 1995-96	150	10	7	610	36	23
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46	441	Morbidity and Treatment of ailments.	250	15	9	1140	68	42
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		Aged in India, NSS 52nd Round						
48	446	The Aged in India: A Socio-Economic Profile, 1995-96	150	10	7	610	36	23
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49	442	Household Consumer Expenditure and Employment Situation in India, 1997	150	10	7	610	36	23
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50	443	Small Trading units in India and their Basic Characteristics: 1997 Vol. I	250	15	9	710	43	26
51	444	Small Trading Units in India and Their Basic Characteristics: 1997 Vol. II	250	15	9	710	43	26
		Consumer Expenditure, Common Property Resources, Sanitation & Hygiene, Services, NSS 54th Round						
52	448	Household Consumer Expenditure and Employment Situation in India	150	10	7	610	36	23
53	449	Drinking water, sanitation and hygiene in India	250	15	9	1140	68	42

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58	453	Household Consumer Expenditure in India (July – December 1999) - Key Results	150	10	7	610	36	23
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66	471	Nutritional Intake in India, 1999-2000	250	15	10	710	43	26
67	472	Differences in the level of consumption among socio economic groups, 1999-2000	250	15	10	480	32	19
68	473	Literacy and Levels of Education in India, 1999 - 2000	250	15	10	610	36	23
69	474	Sources of household consumption in India, 1999 - 2000	250	15	10	710	43	26
		Employment & Unemployment, NSS 55th Round (July'99 to June 2000)						
70	455	Employment and Unemployment in India, 1999-2000 - Key Results	150	10	7	610	36	23
71	458 (Part-I)	Employment and Unemployment Situation in India, 1999 - 2000	250	15	10	750	40	28
72	458 (Part-II)	Employment and Unemployment Situation in India, 1999 - 2000	250	15	10	1370	73	52
73	460	Non agricultural workers in Informal Sector based on Employment and Unemployment Survey, 1999-2000	150	10	7	610	36	23
74	462	Employment and Unemployment situation in Cities and Towns of India, 1999-2000	150	10	7	610	36	23
75	465	Participation of Indian Women in Household work and other specified activities, 1999-2000	150	10	7	610	36	23
76	468	Employment and Unemployment among religious groups in India, 1999-2000	150	10	7	610	36	23
77	469	Employment and Unemployment among social groups in India, 1999-2000	250	15	10	2950	156	110
78	470	Migration in India, 1999-2000	250	15	10	1140	68	42

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80	459	Informal Sector in India, 1999 - 2000 - Salient Features	250	15	10	1600	85	60
		Consumer Expenditure, NSS 56th Round (July 2000 - June 2001)						
81	476	Household Consumer Expenditure and Employment - Unemployment Situation in India, 2000 - 2001	150	10	7	1040	66	41
		Unorganised Manufacturing, NSS 56th Round (July 2000 - June 2001)						
82	477	Unorganised Manufacturing Sector in India 2000-2001 - Key Results	250	15	10	710	52	32
83	478	Unorganised Manufacturing Sector in India 2000-2001 - Characteristics of Enterprises	250	15	10	1370	82	50
84	479	Unorganised Manufacturing Sector in India, 2000 – 2001: Employment, Assets and Borrowings	250	15	10	1370	82	50
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86	475	Results of a Pilot Survey on Suitability of Different Reference Periods for Measuring Household Consumption	150	10	7	610	36	23
		Consumer Expenditure, NSS 57th Round (July 2001 - June 2002)						
87	481	Household Consumer Expenditure and Employment - Unemployment Situation in India, 2001 - 2002	250	15	10	2680	158	105
		Unorganised Service Sector, NSS 57th Round (July 2001 - June 2002)						
88	482	Unorganised Service Sector in India 2001 - 02 Salient Features	250	15	10	1925	98	65
89	483	Unorganised Service Sector in India 2001 - 02 Characteristics of Enterprises	250	15	10	1370	82	55
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90	484	Household Consumer Expenditure and Employment - Unemployment Situation in India, 2002 - 2003	150	8	4	2380	129	70
		Disability, NSS 58th Round						
91	485	Disabled Persons in India, July-December 2002	250	14	7	7080	385	208
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107	501	Household Indebtedness in India as on 30.06.2002	250	15	10	6000	360	240
108	502	Household Borrowings and Repayments in India during 1.7.2002 to 30.6.2003	250	15	10	4750	285	190
109	503	Household Assets Holdings, Indebtedness, Current Borrowings and Repayments of Social Groups in India as on 30.06.2002	250	15	10	3880	233	155
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130	520	Employment and Unemployment Situation in Cities and Towns in India, 2004-2005	150	10	5	1570	100	50
131	521	Employment and Unemployment Situation among Major Religious Groups in India, 2004-05	250	16	8	2480	157	79
		Employment & Unemployment, NSS 62nd Round (July 2005 - June 2006)						
132	522	Employment and Unemployment Situation in India, 2005-06	250	16	8	4480	284	144
		Consumer Expenditure, NSS 62nd Round (July 2005 - June 2006)						
133	523	Household Consumer Expenditure in India, 2005-06	150	10	5	1380	88	44
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152	550	Participation of Women in Specified Activities along with Domestic Duties, 2009-10	270	13	9	540	26	18
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158	540	Nutritional Intake in India	240	12	8	480	23	15
159	541	Household Consumption of Various Goods and Services in India	230	12	7	460	23	15
160	542	Energy Sources of Indian Households for Cooking and Lighting	340	16	10	680	32	20
161	544	Household Consumer Expenditure across Socio-Economic Groups	410	19	12	820	38	24
162	545	Public Distribution System and Other Sources of Household Consumption	200	10	6	400	20	12
163	547	Perceived Adequacy of Food Consumption in Indian Households	250	12	8	500	24	16
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164	KI (67/2.34)	Key Results of Survey on Unincorporated Non-agricultural Enterprises (Excluding Construction)in India	-	-	-	-	-	-
165	546	Operational Characteristics of Unincorporated Non-agricultural Enterprises (Excluding Construction)in India	280	13	8	560	26	16
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181	556	Drinking Water, Sanitation, Hygiene and Housing Condition in India	330	14	8	660	28	16
		Particular of Slums NSS 69th Round (July 2012 - December 2012)						
182	KI (69/0.21)	Key Indicators on Urban Slums in India	-	-	-	-	-	-
183	561	Urban Slums in India, 2012	330	13	8	660	26	16
		Land & Livestock Holdings NSS 70th Round (January 2013-December 2013)						
184	KI (70/18.1)	Key Indicators of Land and Livestock Holdings in India	-	-	-	-	-	-
		All India Debt & Investment NSS 70th Round (January 2013-December 2013)						
185	KI (70/18.2)	Key Indicators of Debt and Investment in India	-	-	-	-	-	-
		Situation Assessment of Agricultural Households NSS 70th Round (January 2013-December 2013)						
186	KI (70/33)	Key Indicators of Situation of Agricultural Households in India	-	-	-	-	-	-
		Social Consumption: Health NSS 71st Round (January 2014-June 2014)						
187	KI (71/25.0)	Key Indicators of Social Consumption: Health	-	-	-	-	-	-
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188	KI (71/25.2)	Key Indicators of Social Consumption: Education in India	-	-	-	-	-	-

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