



National Health System Cost Database for India

How to Access Cost of health services in India (CHSI) Study data database

Step: 1 From the “Cost Data” option on the website’s main page, select “CHSI Study”.



Step: 2 From the options available under the dropdown menu, chose “Access the data”.





Step: 3 The figure below displays the “Front view” of the CHSI Study data.

The screenshot shows the homepage of the National Health System Cost Database for India. The header includes the PGIMER logo, the title 'National Health System Cost Database for India', and logos for PGIMER and the Department of Health Research. Navigation links include Home, Cost Data, Training, Publications, Other resources, News, and Contact us. A sidebar on the left lists 'Cost of health services in India (CHSI) study' with sub-links for 'About The data', 'How To use the database', 'Access the data', 'Study investigators', 'Unit cost estimator', and 'Data related publications'. The main content area is titled 'Access The Data' and contains a paragraph explaining the CHSI study. Below the text is a form with three dropdown menus: 'Service', 'Level of health system', and 'Speciality name'. A 'Submit' button is located below the form.

Step: 4 To access the available data, select the service type which will include Outpatient Department, Inpatient Department, Intensive Care Unit, Operation theatre and Health Benefits Package.

This screenshot is identical to the previous one but shows the 'Service' dropdown menu expanded. The options listed are: Outpatient department, Inpatient department, Intensive care unit, Operation theatre, and Health benefit packages. The 'Submit' button is now partially obscured by the dropdown menu.



Step: 5 Further, select the level of the health system for which the estimates are required. The step will allow you to choose from public tertiary or district hospital data.

The screenshot shows the website interface for the National Health System Cost Database for India. The header includes the PGIMER logo, the title 'National Health System Cost Database for India', and logos for the Department of Health Research and the Government of India. Navigation links include Home, Cost Data, Training, Publications, Other resources, News, and Contact us. A sidebar on the left lists options: About The data, How To use the database, Access the data, Study investigators, Unit cost estimator, and Data related publications. The main content area is titled 'Access The Data' and contains a paragraph explaining the CHSI study. Below the text is a form with the following fields:

Inputs	Select Parameters
Service	Outpatient department
Level of health system	-----Select-----
Speciality name	-----Select-----
	Public tertiary hospital
	Public district hospital

A 'Submit' button is located below the form.

Step: 6 Now select the name of the speciality for which the estimates are to be viewed.

This screenshot is identical to the one above, showing the 'Access The Data' form on the website. The form fields are: Service (Outpatient department), Level of health system (-----Select-----), Speciality name (-----Select-----), Public tertiary hospital, and Public district hospital. A 'Submit' button is at the bottom.



Step: 7 The figure below displays the cost per OPD visit for the department of Cardiology in a public tertiary hospital. These estimates can be exported in excel format by clicking on the “Export table to excel” option below.

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collaboration with the state level Medical Research Units of ICMR. Cost data is provided as average unit costs by specialty for inpatient, outpatient, intensive care unit (ICU) and operating theatre service centres at current levels of capacity and re-estimated at levels of 80% and 100% capacity utilisation. The estimated unit cost of health benefit packages defined under the PMJAY scheme are also available. To access the cost data use the pulldown menus below to select the service centre, specialty name and level of the health system. For a full list of procedure names available within the database click here.

Inputs	Select Parameters
Service	Outpatient department
Level of health system	Public tertiary hospital
Speciality name	Cardiology

[Submit](#)

Input wise distribution			
Cost per outpatient department (OPD) visit for the department of cardiology in public tertiary hospital (In INR)			
Parameters	Level of capacity utilization		
	At current	At 80%	At 100%
Human resource	119	252	201
Capital	14	27	22
Furniture	2	3	3
Equipment	15	35	28
Drugs	34	34	34
Consumables	16	16	16
Overheads	3	3	3

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Cost per outpatient department (OPD) visit for the department of cardiology in public tertiary hospital		
Capacity utilization	Mean (Range)	Median (IQR)
(In INR)		
At current	203 (125-294)	197 (72)
At 80%	371 (131-803)	274 (300)
At 100%	307 (107-646)	237 (235)

Cost estimates pertain to the year 2017-2018.
Note: Capacity utilization measures the extent to which the productive capacity of the hospital is used. Costs are adjusted to take account of under- or over-utilised capacity to enable comparability. See the [costing manual](#) for more details.
INR: Indian National Rupee

Step: 8 The figure below displays the cost per OPD visit for the department of Ophthalmology in a public district hospital. These estimates can be exported in excel format by clicking on the “Export table to excel” option below.

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collaboration with the state level Medical Research Units of ICMR. Cost data is provided as average unit costs by specialty for inpatient, outpatient, intensive care unit (ICU) and operating theatre service centres at current levels of capacity and re-estimated at levels of 80% and 100% capacity utilisation. The estimated unit cost of health benefit packages defined under the PMJAY scheme are also available. To access the cost data use the pulldown menus below to select the service centre, specialty name and level of the health system.

Inputs	Select Parameters
Service	Outpatient department
Level of health system	Public district hospital
Speciality name	Ophthalmology

[Submit](#)

Input wise distribution			
Cost per outpatient department (OPD) visit for the department of ophthalmology in public district hospital (In INR)			
Parameters	Level of capacity utilization		
	At current	At 80%	At 100%
Human resource	192	109	87
Capital	7	4	3
Furniture	2	1	1
Equipment	15	6	5
Drugs	27	27	27
Consumables	6	7	7
Overheads	10	0	0

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Cost per outpatient department (OPD) visit for the department of ophthalmology in public district hospital		
Capacity utilization	Mean (Range)	Median (IQR)
(In INR)		
At current	258(47-935)	165 (124)
At 80%	164(25-575)	129(94)
At 100%	139(21-469)	(112-90)



Step: 9 The figure below displays the cost of operation theatre services for ASD Device closure procedure in a public tertiary hospital. These estimates can be exported in excel format by clicking on the “Export table to excel” option below.

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To access the cost data use the pull-down menus below to select the service centre, speciality name and level of the health system.

Inputs		Select Parameters	
Service		Operation theatre	▼
Level of health system		Public tertiary hospital	▼
Speciality name		Cardiology	▼
Procedure name		ASD Device Closure	▼

[Submit](#)

Cost of ASD Device Closure procedure in the public tertiary hospital		
Capacity utilization	Mean (Range)	Median (IQR)
	(in INR)	
At current	43,115 (9,367-1,21,944)	20,573 (35,304)
At 80%	99,799 (8,402-3,26,388)	32,203 (97,002)
At 100%	63,601 (7,893-1,93,228)	26,642 (59,201)

Input wise distribution

Cost of ASD Device Closure procedure in the public tertiary hospital (in INR)

Parameters	Level of capacity utilization		
	At current	At 80%	At 100%
Human resource	13325	43071	26206
Capital	707	2775	1592
Furniture	155	374	271
Equipment	24878	49528	31482
Drugs	305	305	305
Consumables	3465	3465	3465
Overheads	279	279	279

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Cost estimates pertain to the year 2017-2018.
 Note: Input-wise distribution is based on the cost of HBP at 100% utilization.
 INR: Indian National Rupee

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Step: 10 The figure below displays the cost of the health benefits package for ASD Device closure in a public tertiary hospital. These estimates can be exported in excel format by clicking on the “Export table to excel” option below.

Access the data

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Inputs		Select Parameters	
Service		Health benefit packages	▼
Level of health system		Public tertiary hospital	▼
Speciality name		Cardiology	▼
Package name		ASD Device Closure	▼

[Submit](#)

Cost of ASD Device Closure health benefit package in public tertiary hospital		
Capacity utilization	Mean (Range)	Median (IQR)
	(in INR)	
At 100%	1,44,004 (90,047-2,67,214)	1,09,377 (48,557)

Break-up of health benefit package cost	
Parameter	Cost in INR
Outpatient department	1534
Diagnostics	1222
Implant	62000
Operation theatre	63504
Intensive care unit	11128
Inpatient department	4613

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INR: Indian National Rupee

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