

China's Data Sources

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China Statistical Yearbooks

The China Statistical Yearbooks are the single most important data source for the China sub-regional model because it is where the majority of the data came from. The first version of the China sub-regional model used only the 2006 China Statistical Yearbook, whose data was only available on a disc at the time. These statistical yearbooks are published annually and can be now be accessed through the National Bureau of Statistics China website here: <http://www.stats.gov.cn/english/Statisticaldata/AnnualData/>

The chapter and table numbers change from year to year, but the chapter and table names remain the same. Within the metadata the table number recorded as the source locations is the series location within the 2016 China Statistical Yearbook.

There are some notable problems with some of the data from this source that has caused legitimate concerns about the overall quality of data, despite it being an official national data source. For instance, the GDP data in 2005 yuan appears to have been improperly sorted and some regions have the incorrect data. This particular issue was reported to the National Bureau of Statistics, but there has been no response. This data should be used with care and future updates may require more detailed vetting than typical data updates.

Below are all of the preprocessor series that were sourced from the China Statistical Yearbooks:

Variables						
AgProdCereals	EnReserCoal	GovCon%GDP	Illiteracy%	LandCrop	PopulationUrban	VaddInd%
AgProdFruitsExclMelons	EnProdCoal	GovtCurRev%GDP	ImportsMerchandise	LandCrop%	PopulationYouthDep%	VaddMan%
AgProdGrain	EnProdElec	GovtEdPub%GDP	Labor	LandForest	R&D%GDPWDI	VaddSer%
AgProdMeat	EnProdOil	GovtHI%GDP	LaborEmploy%	LandGrazing	R&DGovt%GNP	XFDInflows%GDP
EDPriPTR	ExportMerchandise	HouseCon%GDP	LaborSecInd%Tot	LandIrrigated	TaxCorp%Tot	
EdPriTransition2Sec%Total	GDP2005	Households	LaborSecSer%Tot	LandIrrAreaEquipFAO	TaxGoodSer%CurRev	
EnConElec	GovtCalcExpendTot%GDP	ICTTelephoneLinesPer1000	LandAgri	LiteracyAdultTotal%	VaddAg%	

China Data Center

The China Data Center Database is published by the University of Michigan and has historical data from 1949 through 2003. This database was received through a library grant. The China Data Center produces other data that have more recent data, but we do not have access to these products at this time. The longer historical series is interesting for historical data analysis, but it is too old for model initialization. Because the sub-regional model's purpose is forecasting, much of this database was omitted from the model. However, this data was used in cases where there was not another source available or when the historical data blended well with more recent data.

The preprocessor series that came from the China Data Center database are listed below:

Variables				
AgProdCereals	CDR	EnProdOil	Labor	LandIrrAreaEquipFAO
AgProdFruitsExclMelons	EDPriPTR	GovCon%GDP	LaborEmploy%	LiteracyAdultTotal%
AgProdGrain	EdPriTransition2Sec%Total	HouseCon%GDP	LaborSecInd%Tot	XFDInflows%GDP
AgProdMeat	EnProdCoal	ICTTelephoneLinesPer1000	LaborSecSer%Tot	
CBR	EnProdElec	Illiteracy%	LandCrop%	

Census of China

The Chinese government conducts a national census every decade. The most recent census took place in 2010. The census data that is in the China sub-regional model came with the China Data Center database and included census data from the 1990, 2000, and 2010 censuses.

The only data that is in the current version of the sub-regional model of China that came from the Census of China is the age-sex cohort data which is in IFsChina.mdb.

Human Development Reports of China

Human Development Reports are published by the UNDP and there are several on China and its sub-regions. These reports focus on human development based upon educational attainment, life expectancy, and gross national income per capita. These reports were used for the series listed below:

Variables			
CBR	EdSecEnrollGross%Total	EdTerEnrollNetTotalPcnt	TFRMedUNPD
CDR	EdSecEnrollNet	LifExpectFemale	
EdPriEnrollNetTotalPcnt	EdTerEnrollGross%Total	LifExpectMale	

DataPlanet

The DataPlanet database is a database that the University of Denver Library had temporary access to during the fall of 2014. There are over 700 Excel tables that were downloaded from this database before access to it ceased. Some of these tables contain relevant data, while most do not. The relevance of each table and its contents have been catalogued and notated in the metadata. None of these tables of data are in the sub-regional model currently.

Ministry of Education of the People's Republic of China

The Ministry of Education of the People's Republic of China has data available online here: <http://en.moe.gov.cn/Resources/Statistics/>

There is data from 2010 through 2015 available in html format on enrollment, intake, and graduation rates for China's regions. None of this data is currently in the sub-regional model, but it is noted in the metadata table.

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